

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\  
 Data File : VX000756.D  
 Acq On : 10 Apr 2018 18:38  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/11/2018 11:20:46 AM

Quant Time: Apr 11 08:39:14 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 266901   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 365759   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 344556   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 232770   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.08   | 65  | 164001   | 48.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.46% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 138155   | 49.03 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.06% |      |
| 50) Toluene-d8            | 8.73   | 98  | 505353   | 48.16 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.32% |      |
| 62) 4-Bromofluorobenzene  | 11.15  | 95  | 206059   | 47.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.94% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 154801  | 51.38  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 125098  | 48.43  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 146154  | 50.30  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 60087   | 49.96  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 86119   | 48.90  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 219516  | 50.07  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 82489   | 50.37  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 129422  | 50.07  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 82226   | 42.38  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 154971  | 259.37 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 119952  | 48.97  | ug/l | 95     |
| 13) Acrolein                  | 2.30 | 56  | 70411   | 242.67 | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 224381  | 49.54  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 330773  | 259.66 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 302368  | 260.54 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 354767  | 47.83  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 157085  | 52.30  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 416279  | 51.02  | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 134485  | 49.82  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 131232  | 48.58  | ug/l | 100    |
| 22) Diisopropyl ether         | 3.88 | 45  | 437497  | 52.56  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.83 | 43  | 1937228 | 265.06 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 243997  | 52.24  | ug/l | 100    |
| 25) 2-Butanone                | 4.71 | 43  | 503190  | 262.56 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 228004  | 49.18  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 154025  | 50.24  | ug/l | 100    |
| 28) Bromochloromethane        | 5.03 | 49  | 93892   | 49.92  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 314528  | 258.48 | ug/l | 100    |
| 30) Chloroform                | 5.23 | 83  | 251489  | 50.85  | ug/l | 99     |
| 31) Cyclohexane               | 5.59 | 56  | 216745  | 48.86  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 240151  | 50.97  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 192617  | 47.82  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 197112  | 50.12  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 222244  | 49.29  | ug/l | 95     |

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 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/11/2018 11:20:46 AM

Quant Time: Apr 11 08:39:14 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 230026   | 47.55   | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 550216   | 49.16   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.07  | 41   | 112190   | 49.38   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 205238   | 49.10   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 336077   | 49.85   | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 168718   | 48.47   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 140408   | 49.26   | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 97081    | 48.86   | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.91  | 83   | 199765   | 49.81   | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.79  | 41   | 175320   | 50.17   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 70336    | 1001.52 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 1006397  | 254.12  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 362153   | 48.77   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 239267   | 49.74   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 234549   | 50.07   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 144309   | 48.95   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 225359   | 49.56   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 234433   | 50.02   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 559607   | 263.39  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.51  | 43   | 780955   | 255.43  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 177921   | 50.44   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 154395   | 49.37   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 166344   | 49.38   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.15 | 112  | 425087   | 49.04   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 162552   | 49.83   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 710125   | 49.14   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 561999   | 98.53   | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 273229   | 49.70   | ug/l   | 100      |
| 70) Styrene                    | 10.72 | 104  | 462128   | 49.86   | ug/l   | 100      |
| 71) Bromoform                  | 10.87 | 173  | 154137   | 51.03   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 738079   | 49.98   | ug/l   | 100      |
| 74) N-amyl acetate             | 6.48  | 43   | 336077   | 50.54   | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 214859   | 50.14   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 200740m  | 50.01   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 214061   | 49.46   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 828509   | 49.05   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 490783   | 49.16   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 630764   | 49.67   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 72398    | 49.61   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 587155   | 48.73   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.78 | 119  | 649395   | 49.98   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 651446   | 49.69   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 760766   | 49.63   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 705785   | 49.38   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 393812   | 49.16   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 399897   | 48.71   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.40 | 91   | 619610   | 49.11   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 120652   | 49.89   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 382446   | 49.46   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 53277    | 49.62   | ug/l   | 98       |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\  
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Acq On : 10 Apr 2018 18:38  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

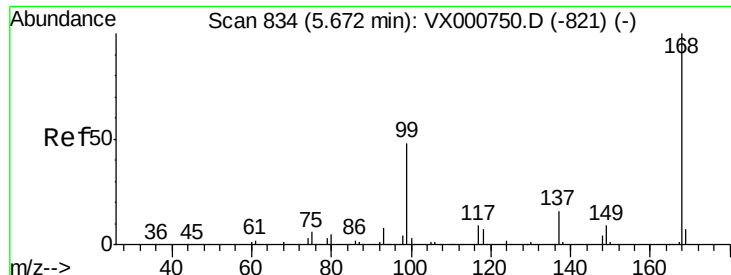
MMDadoda  
4/11/2018 11:20:46 AM

Quant Time: Apr 11 08:39:14 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 10 15:49:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 323926   | 49.09 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 159854   | 49.27 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 858206   | 50.67 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 318018   | 49.62 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 266901

Ion Ratio Lower Upper

168 100

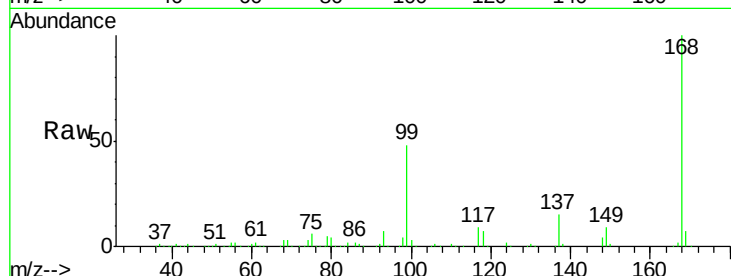
99 47.8 38.3 57.5

Manual Integrations

APPROVED

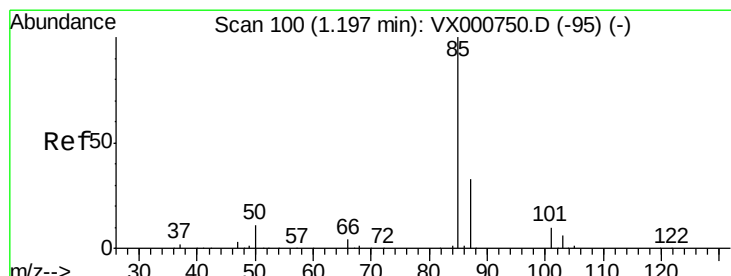
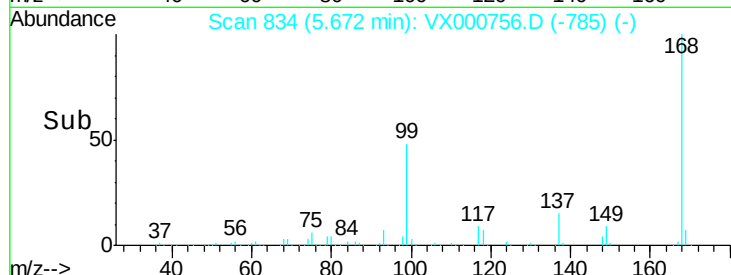
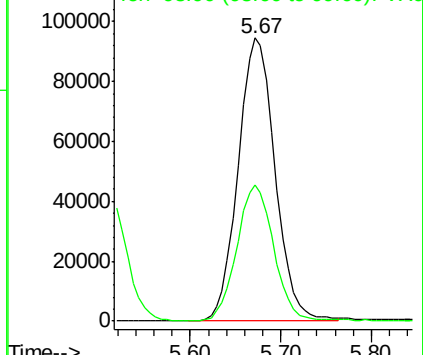
MMDadoda

4/11/2018 11:20:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000756.D

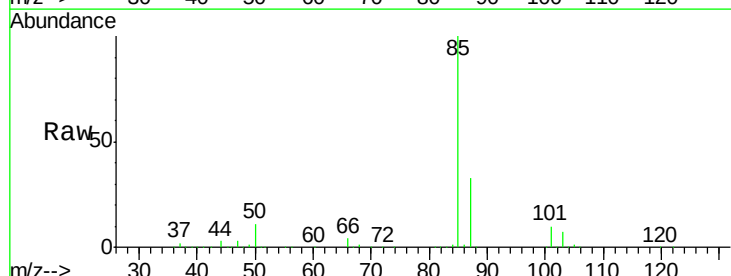
Acq: 10 Apr 2018 18:38

Tgt Ion: 85 Resp: 154801

Ion Ratio Lower Upper

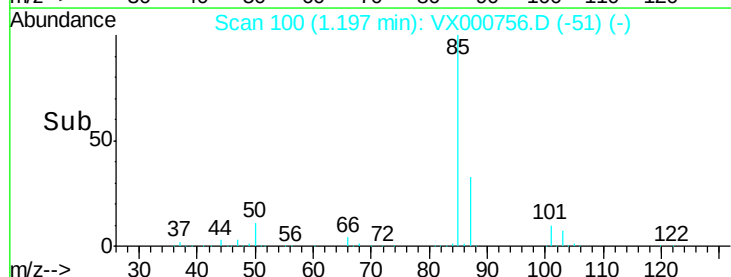
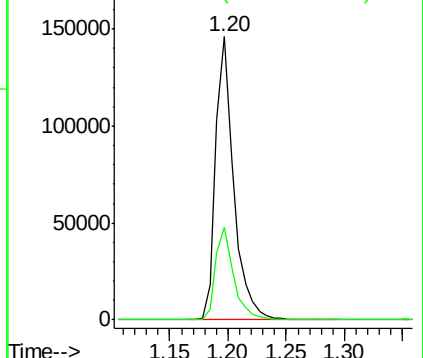
85 100

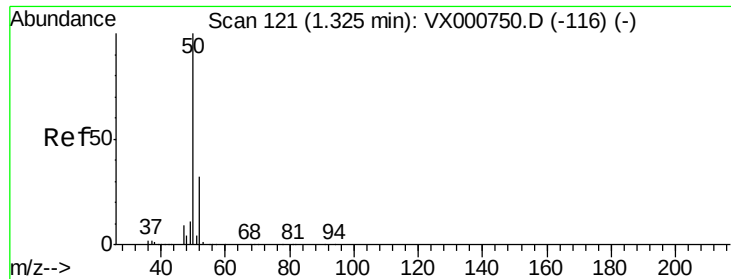
87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 125098

Ion Ratio Lower Upper

50 100

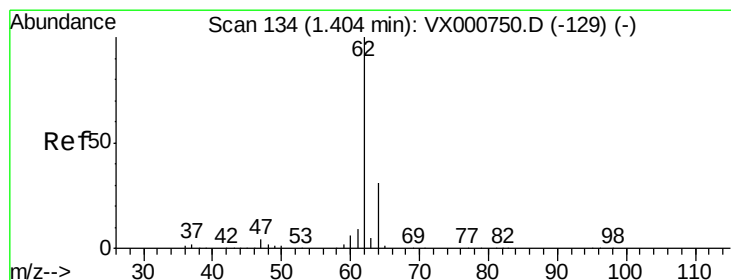
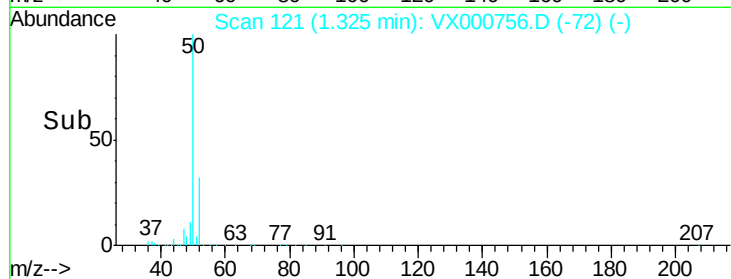
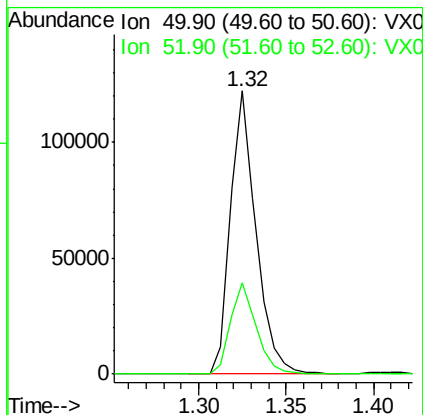
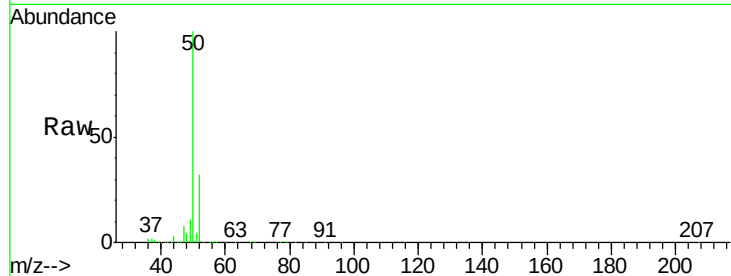
52 32.4 25.8 38.8

Manual Integrations

APPROVED

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4/11/2018 11:20:46 AM



#4

Vinyl Chloride

Concen: 50.30 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000756.D

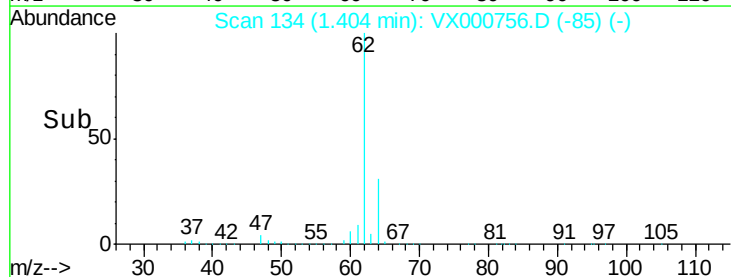
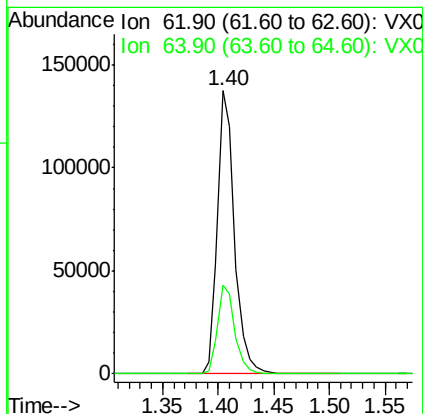
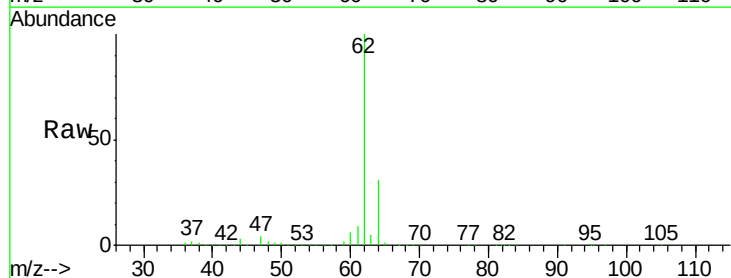
Acq: 10 Apr 2018 18:38

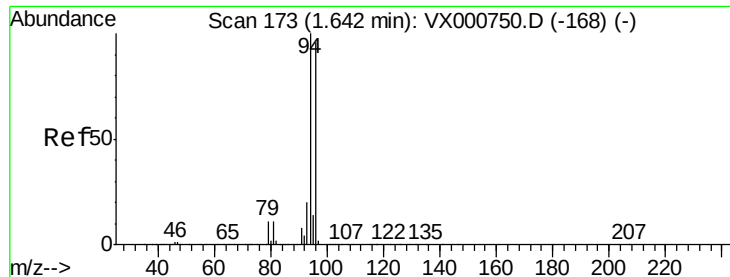
Tgt Ion: 62 Resp: 146154

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 49.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60087

Ion Ratio Lower Upper

94 100

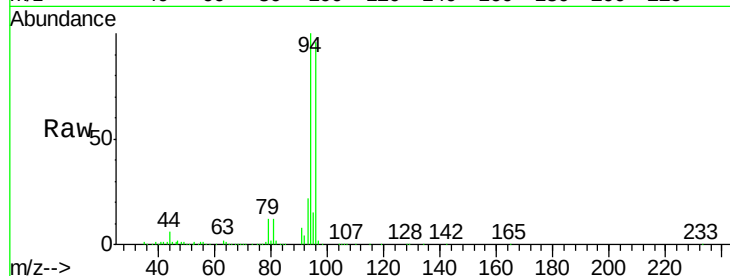
96 95.7 77.0 115.6

Manual Integrations

APPROVED

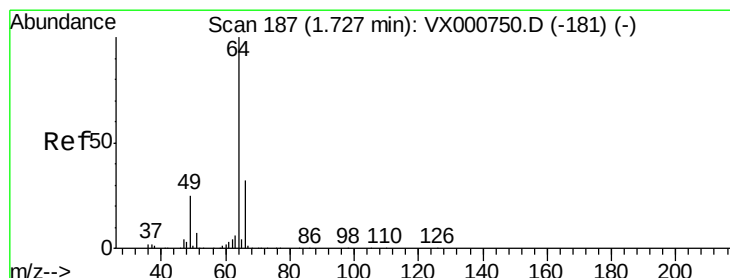
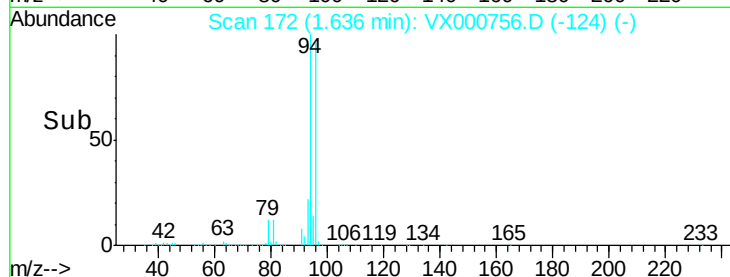
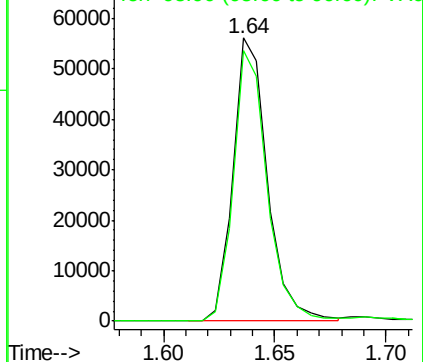
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.90 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000756.D

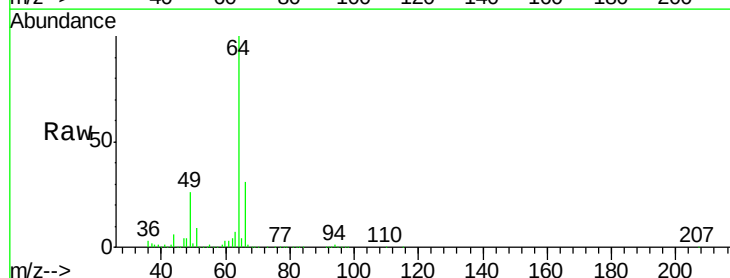
Acq: 10 Apr 2018 18:38

Tgt Ion: 64 Resp: 86119

Ion Ratio Lower Upper

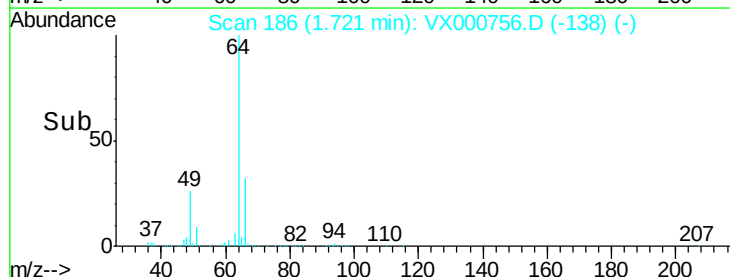
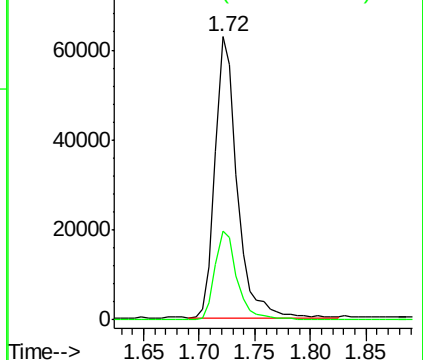
64 100

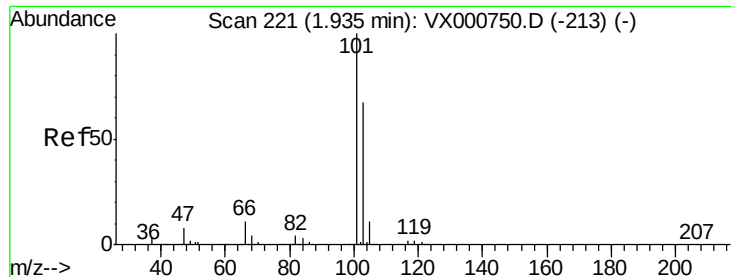
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

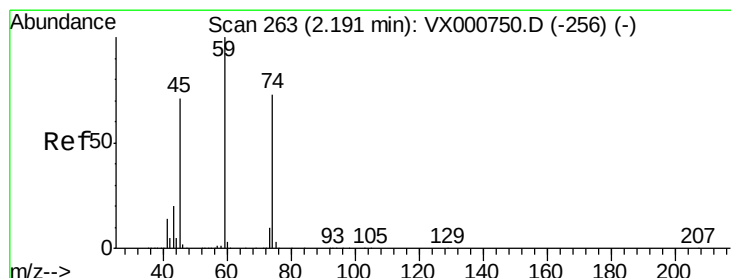
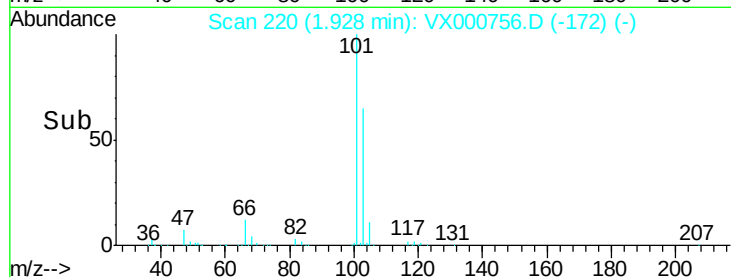
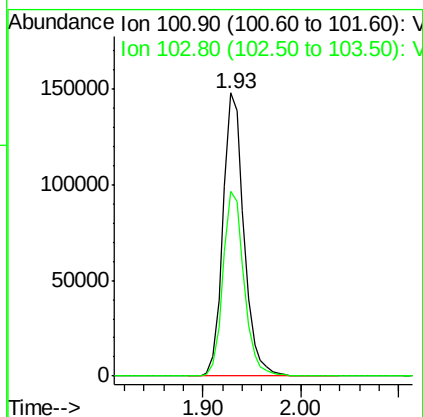
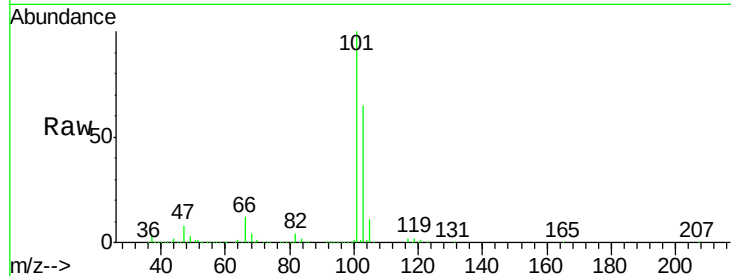
Trichlorofluoromethane  
Concen: 50.07 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. -0.01 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 219516 |       |       |
| 103     | 65.2  | 53.2   | 79.8  |       |

Manual Integrations  
APPROVED

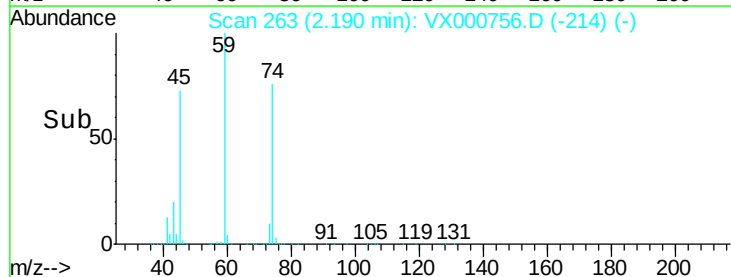
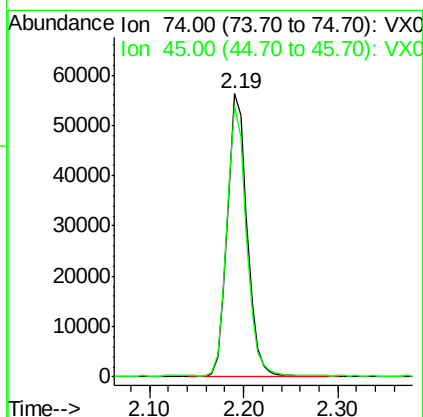
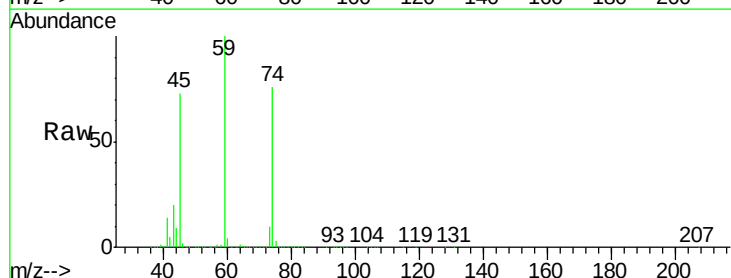
MMDadoda  
4/11/2018 11:20:46 AM



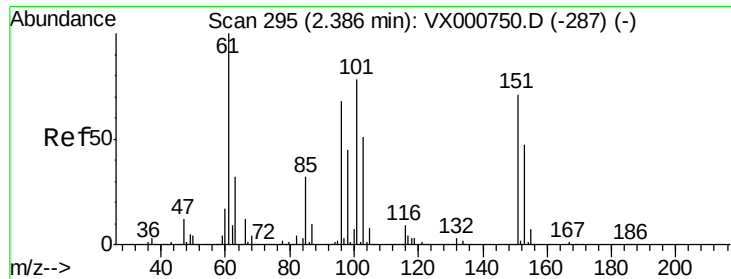
#8

Diethyl Ether  
Concen: 50.37 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 82489 |       |       |
| 45      | 95.0  | 48.6  | 145.8 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

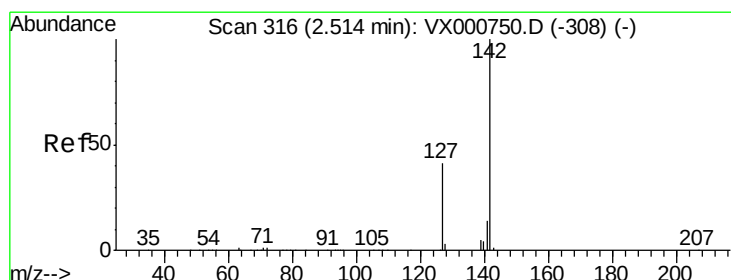
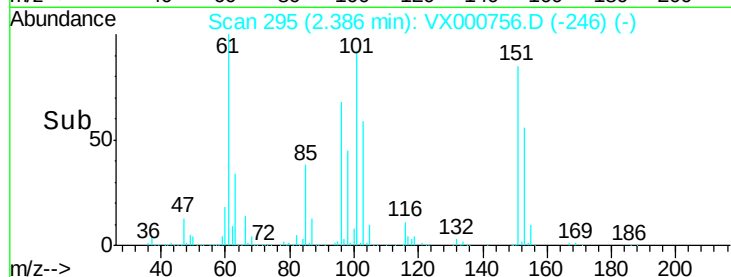
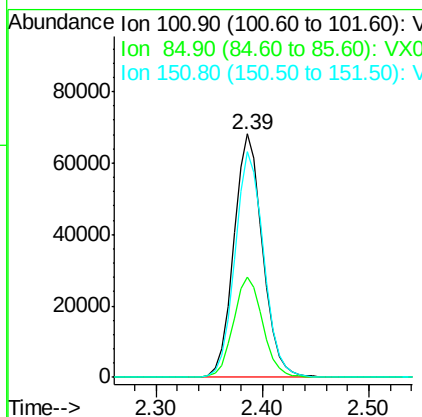
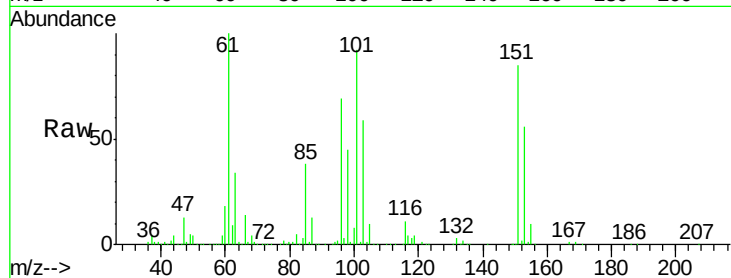
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 129422 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.2  | 34.0  | 51.0   |
| 151       | 92.9  | 75.8  | 113.8  |

Manual Integrations  
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4/11/2018 11:20:46 AM



#10

Methyl Iodide

Concen: 42.38 ug/l

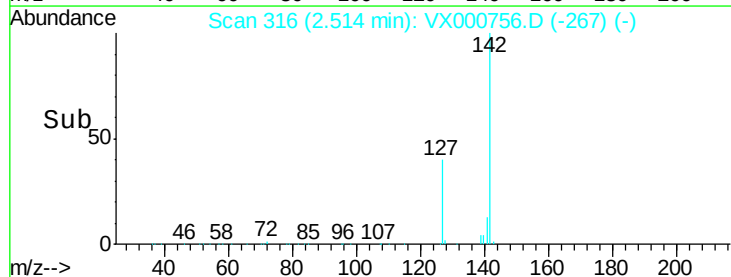
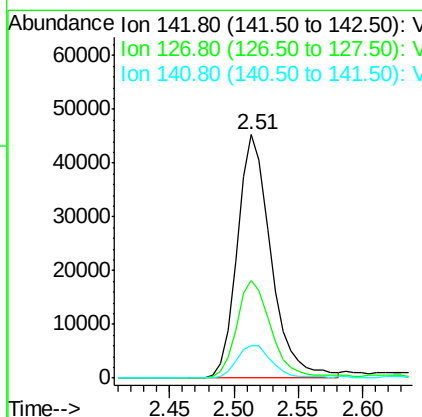
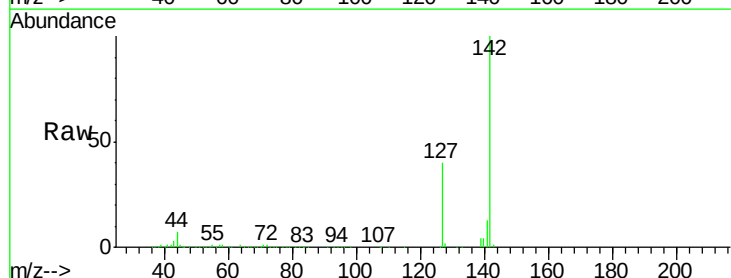
RT: 2.51 min Scan# 316

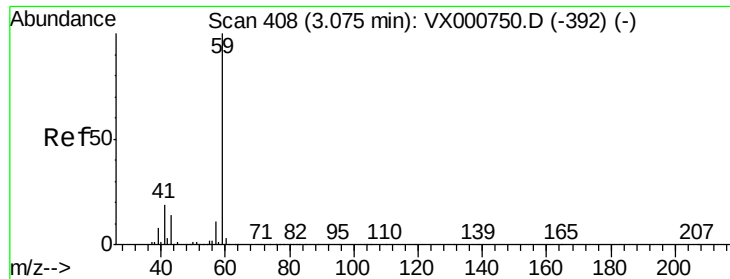
Delta R.T. 0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 82226 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.5  | 32.6  | 49.0  |
| 141       | 14.1  | 11.5  | 17.3  |





#11

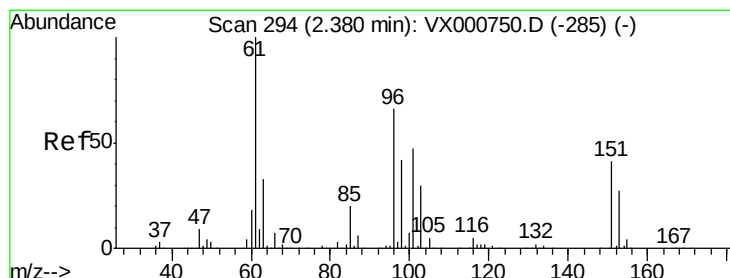
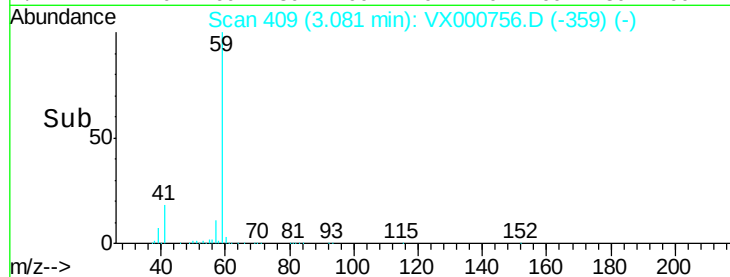
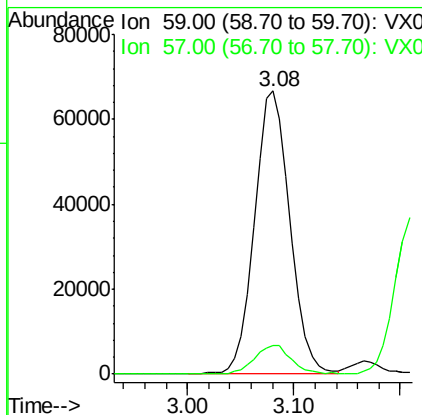
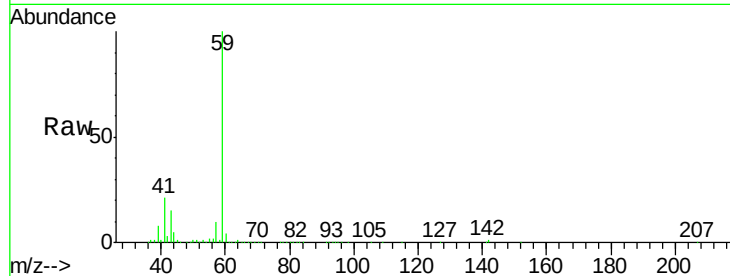
Tert butyl alcohol  
Concen: 259.37 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. 0.01 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 59      | 59  | 100   | 154971 |       |       |
| 57      | 57  | 10.3  |        | 8.4   | 12.6  |

Manual Integrations  
APPROVED

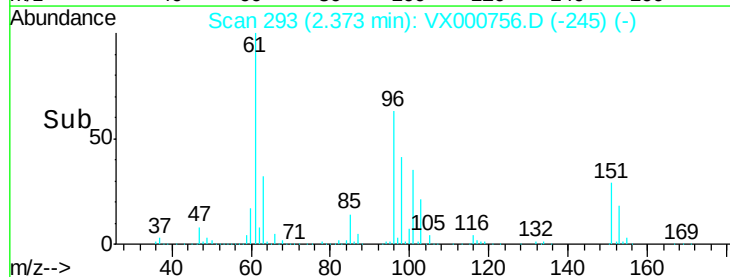
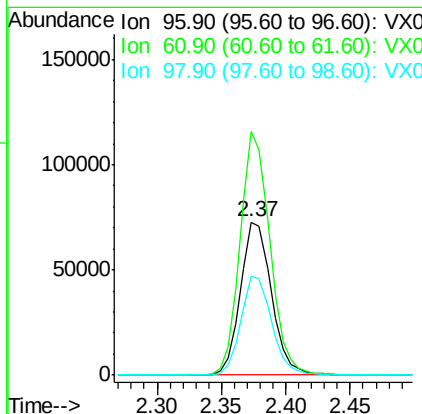
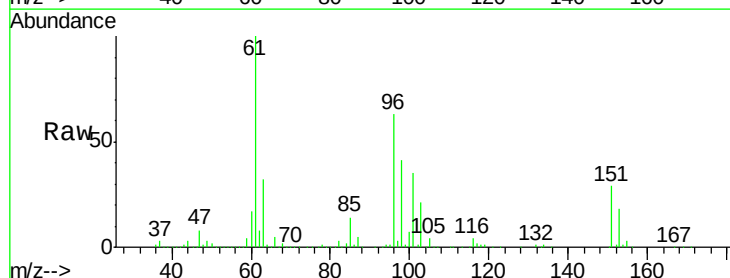
MMDadoda  
4/11/2018 11:20:46 AM

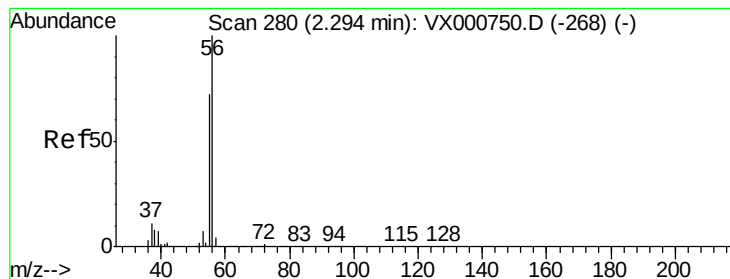


#12

1,1-Dichloroethene  
Concen: 48.97 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.01 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 96      | 96  | 100   | 119952 |       |       |
| 61      | 61  | 159.1 |        | 120.5 | 180.7 |
| 98      | 98  | 64.5  |        | 50.9  | 76.3  |





#13

Acrolein

Concen: 242.67 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70411

Ion Ratio Lower Upper

56 100

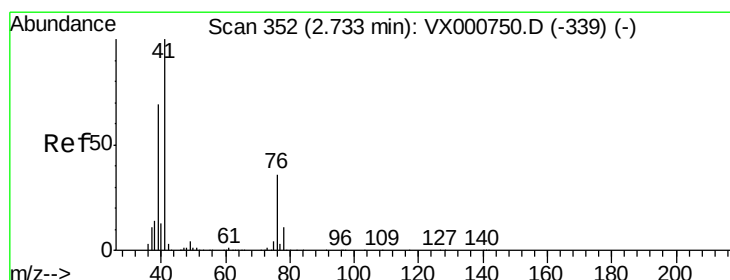
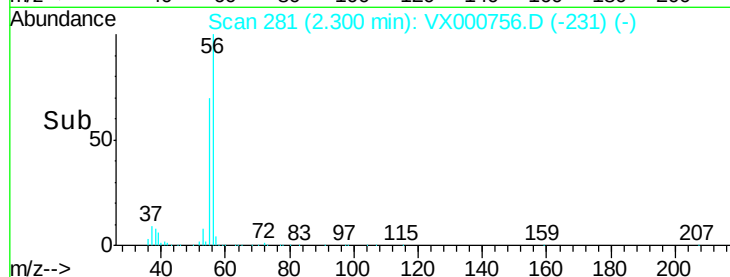
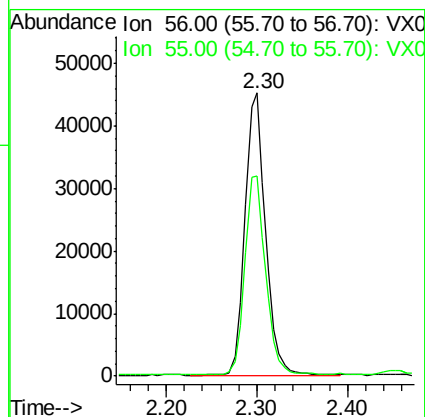
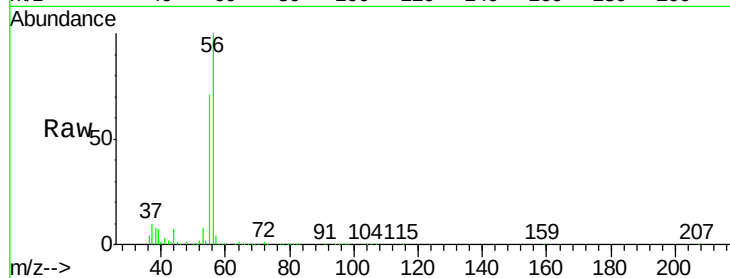
55 72.0 58.7 88.1

Manual Integrations

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4/11/2018 11:20:46 AM



#14

Allyl chloride

Concen: 49.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

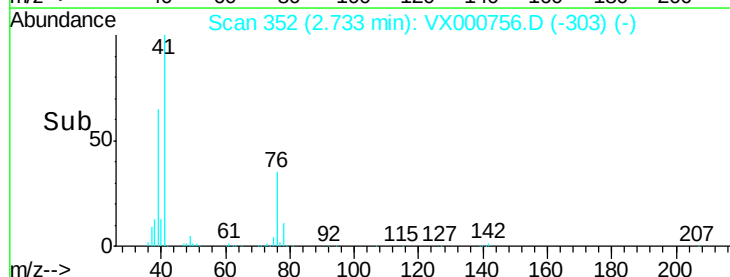
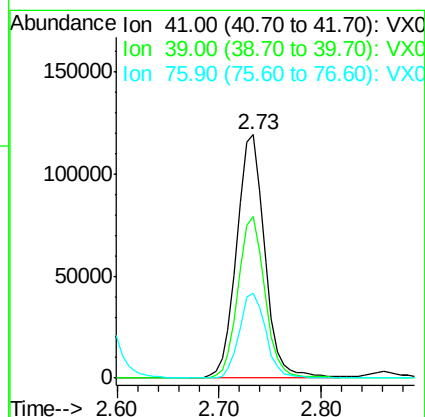
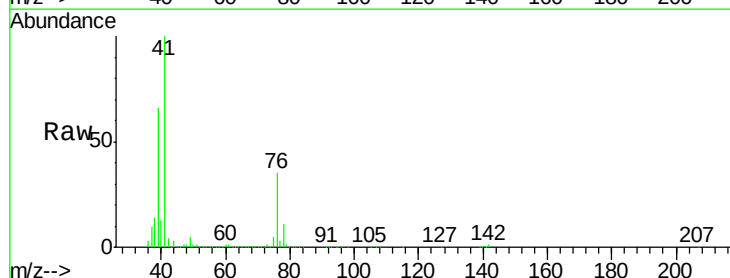
Tgt Ion: 41 Resp: 224381

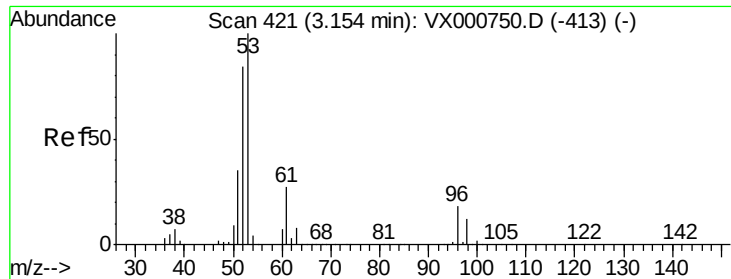
Ion Ratio Lower Upper

41 100

39 63.4 51.5 77.3

76 33.2 26.5 39.7





#15

Acrylonitrile

Concen: 259.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

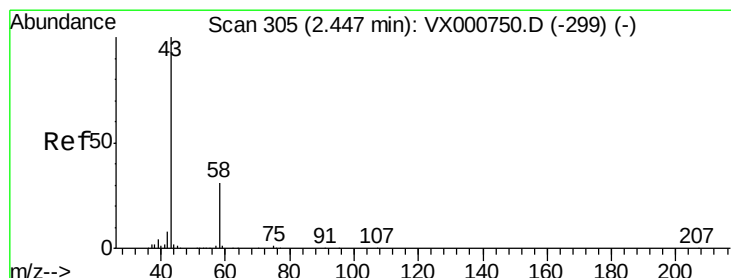
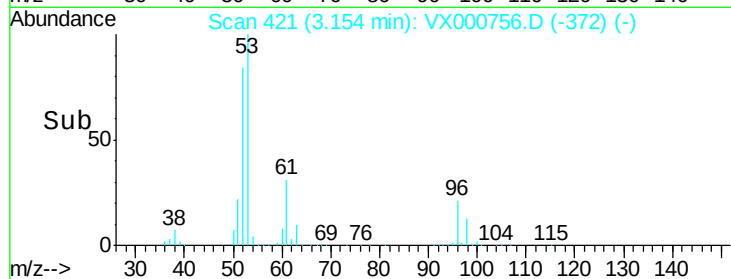
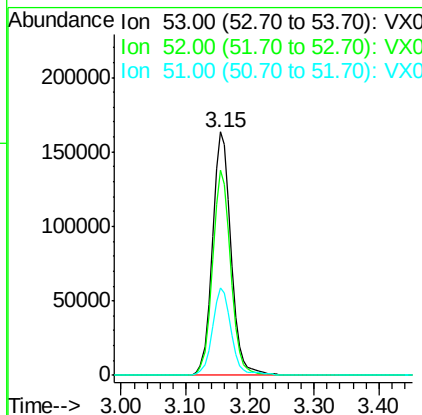
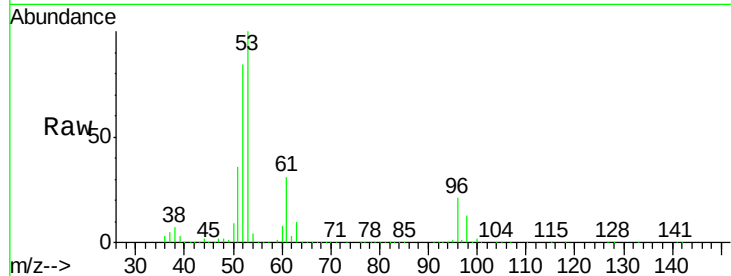
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 330773 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.4  | 66.5  | 99.7   |
| 51       | 36.1  | 28.8  | 43.2   |

Manual Integrations  
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#16

Acetone

Concen: 260.54 ug/l

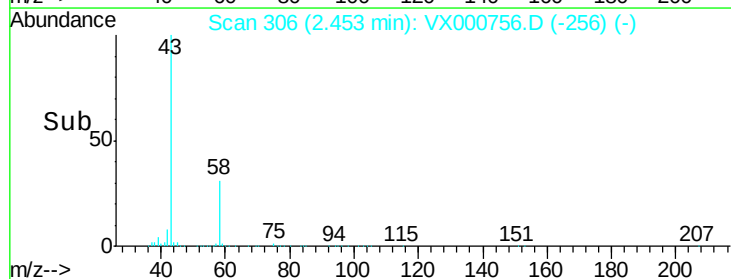
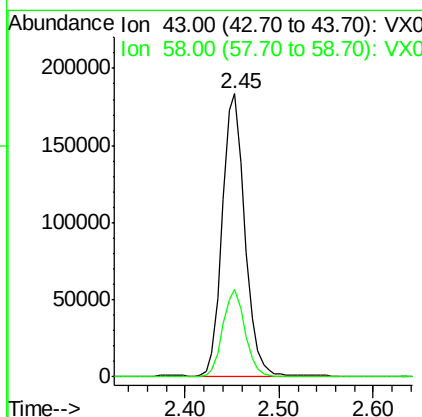
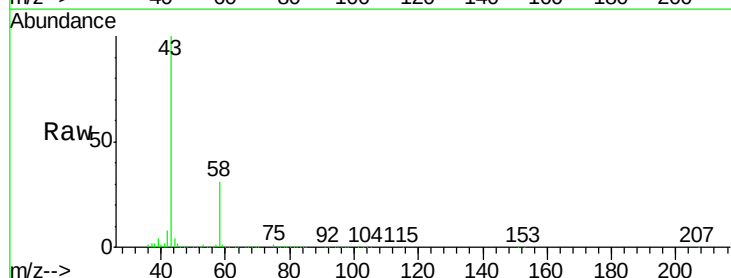
RT: 2.45 min Scan# 306

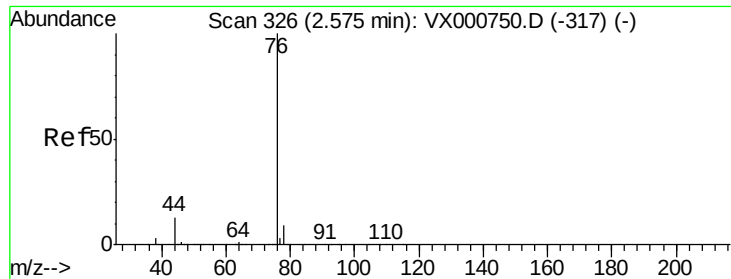
Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 302368 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.8  | 24.6  | 37.0   |





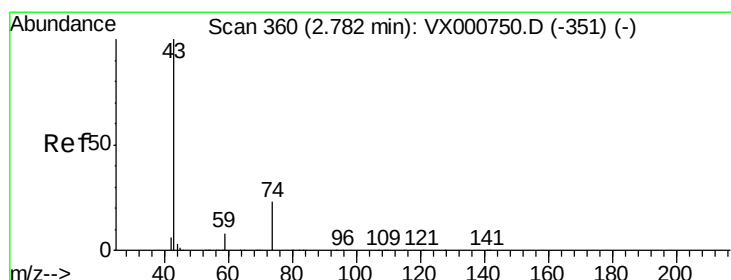
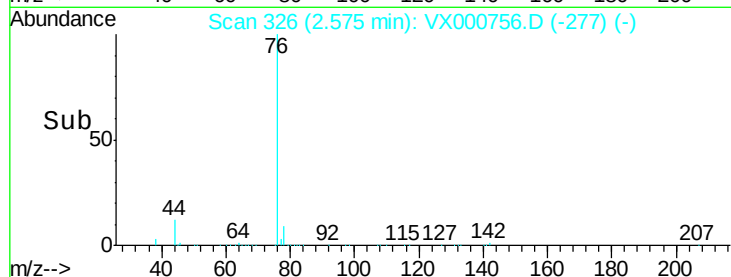
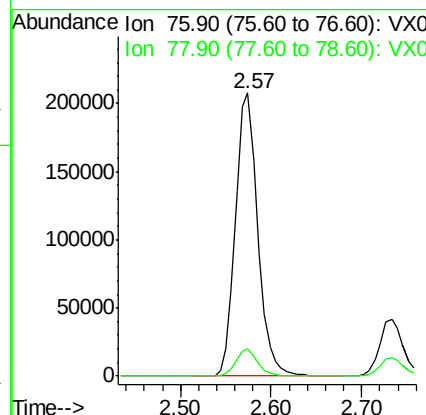
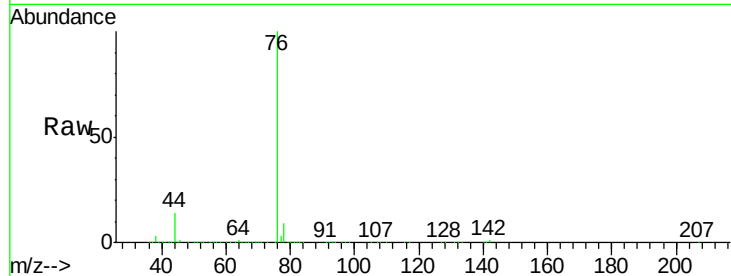
#17  
Carbon Disulfide  
Concen: 47.83 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.4   | 11.2  |

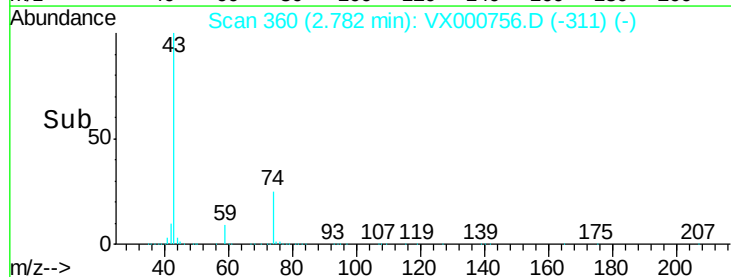
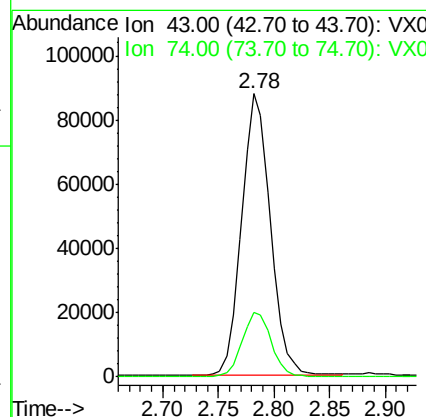
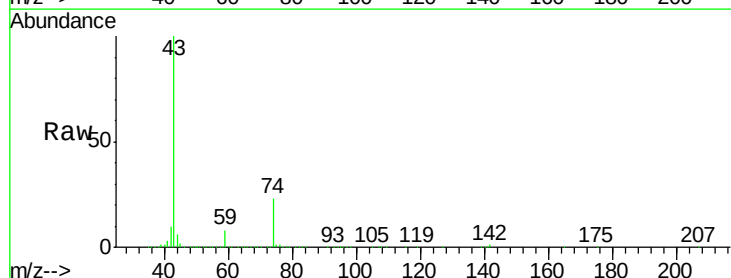
Manual Integrations  
APPROVED

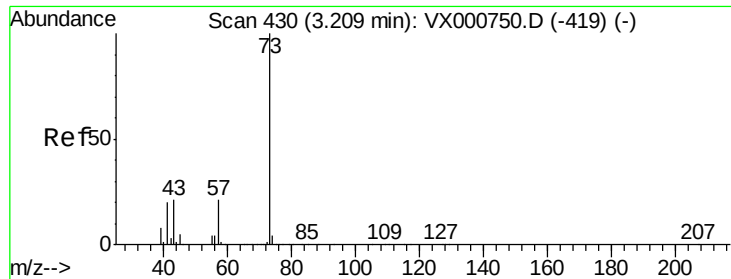
MMDadoda  
4/11/2018 11:20:46 AM



#18  
Methyl Acetate  
Concen: 52.30 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.7  | 19.1  | 28.7  |





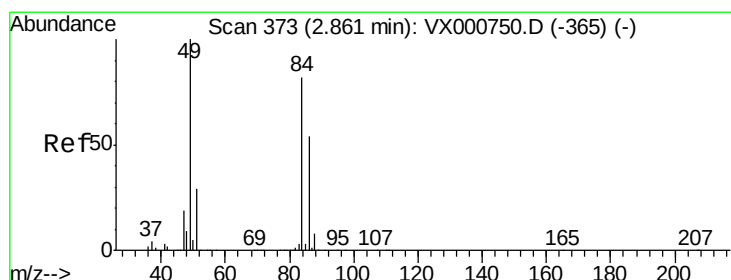
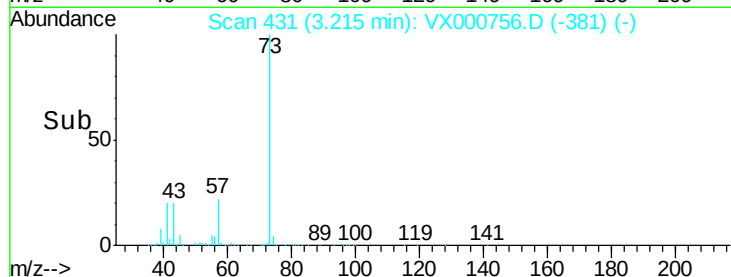
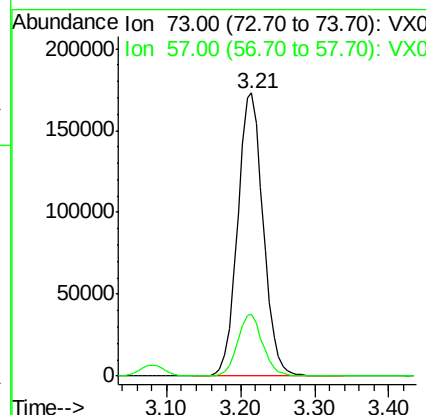
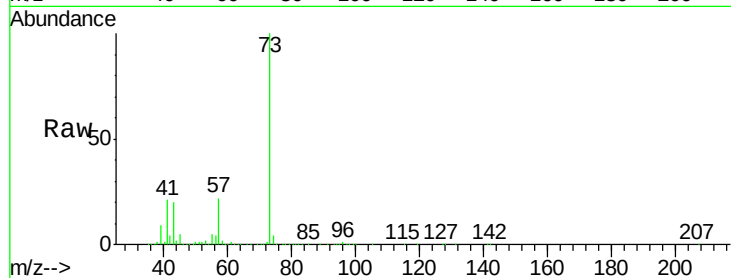
#19  
Methyl tert-butyl Ether  
Concen: 51.02 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. 0.01 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 416279  
Ion Ratio Lower Upper  
73 100  
57 21.5 16.9 25.3

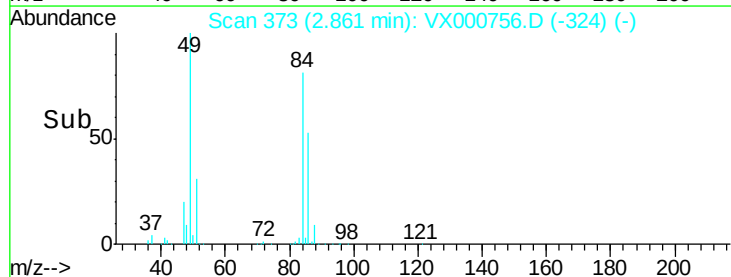
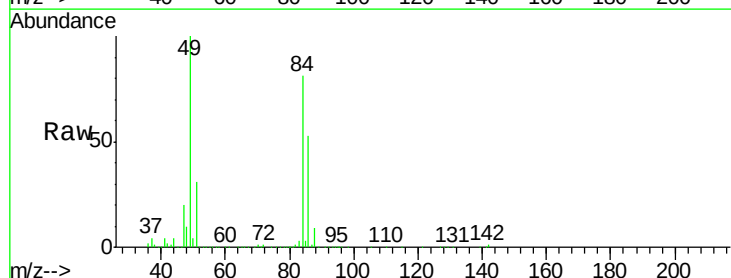
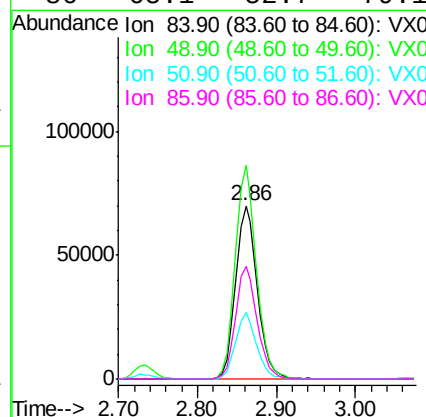
Manual Integrations  
APPROVED

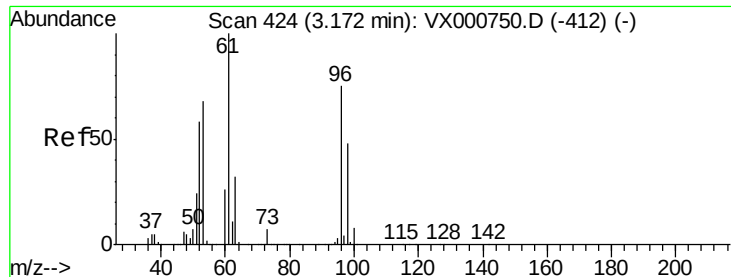
MMDadoda  
4/11/2018 11:20:46 AM



#20  
Methylene Chloride  
Concen: 49.82 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Tgt Ion: 84 Resp: 134485  
Ion Ratio Lower Upper  
84 100  
49 123.3 98.1 147.1  
51 38.4 28.9 43.3  
86 65.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

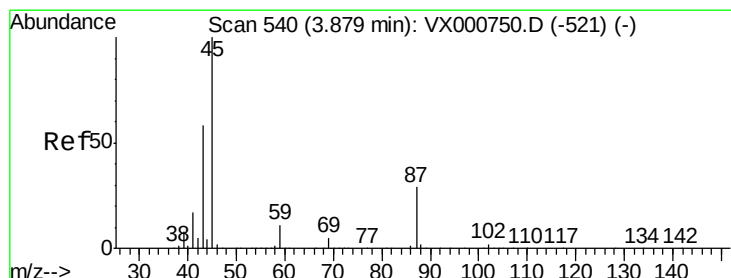
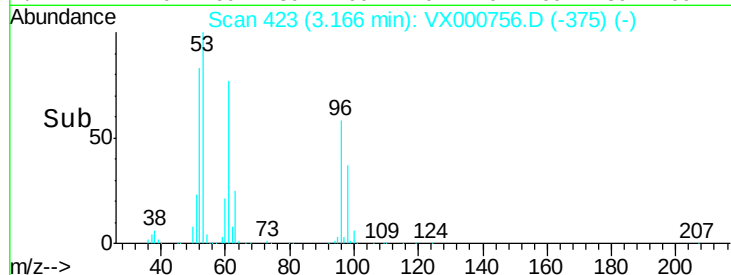
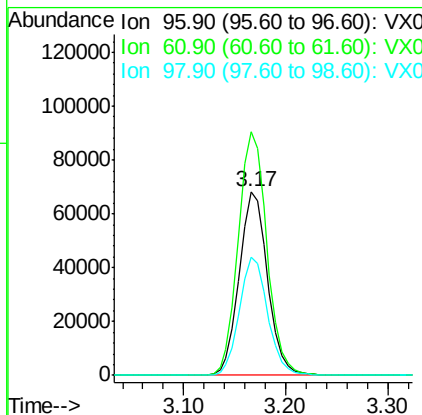
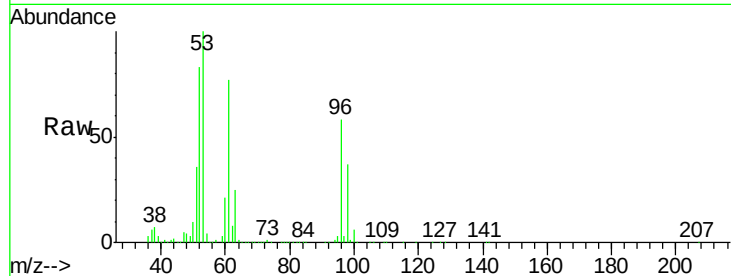
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 131232 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 132.6 | 106.2 | 159.2  |
| 98       | 64.4  | 51.2  | 76.8   |

Manual Integrations  
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4/11/2018 11:20:46 AM



#22

Diisopropyl ether

Concen: 52.56 ug/l

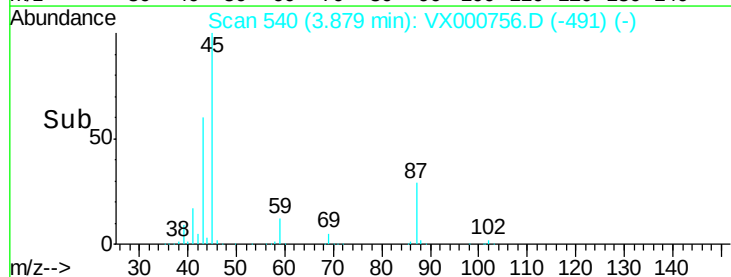
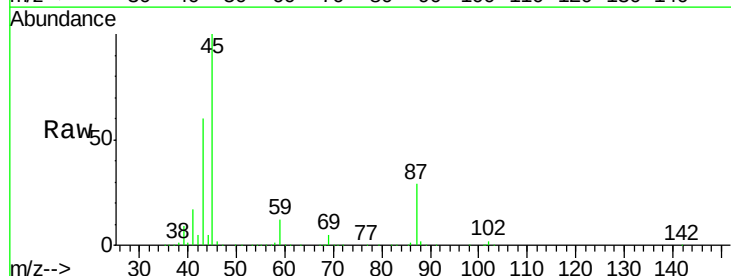
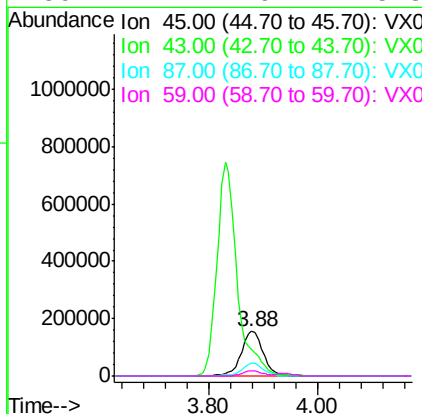
RT: 3.88 min Scan# 540

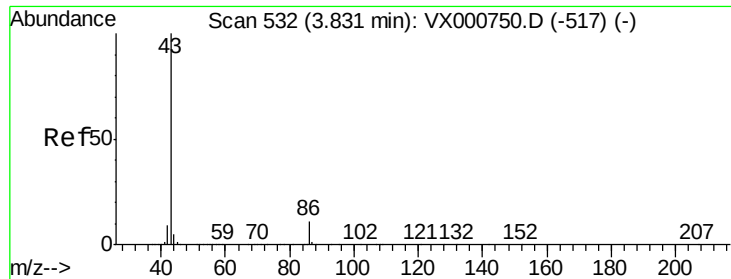
Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 437497 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.9  | 46.6  | 69.8   |
| 87       | 28.6  | 22.9  | 34.3   |
| 59       | 11.7  | 9.2   | 13.8   |





#23

Vinyl Acetate

Concen: 265.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1937228

Ion Ratio Lower Upper

43 100

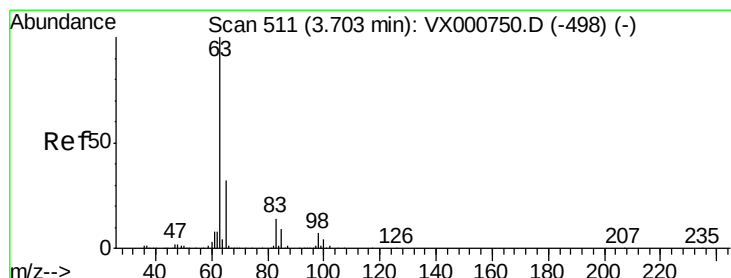
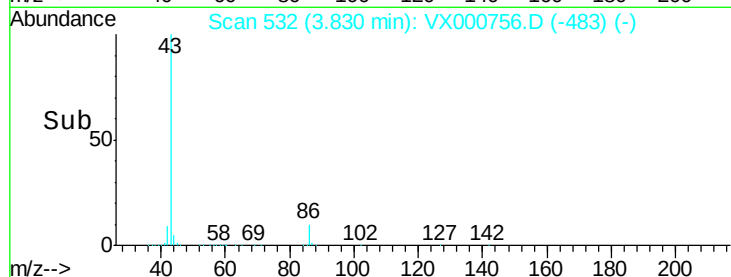
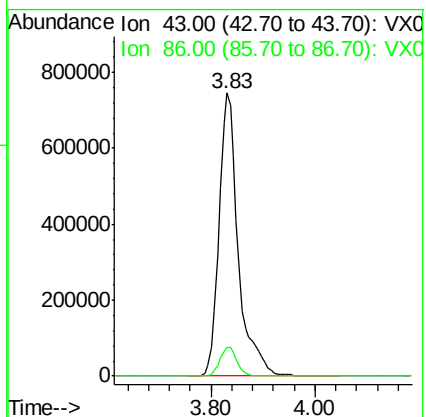
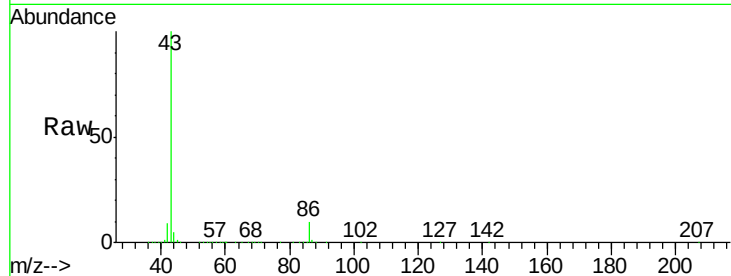
86 10.3 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:46 AM



#24

1,1-Dichloroethane

Concen: 52.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

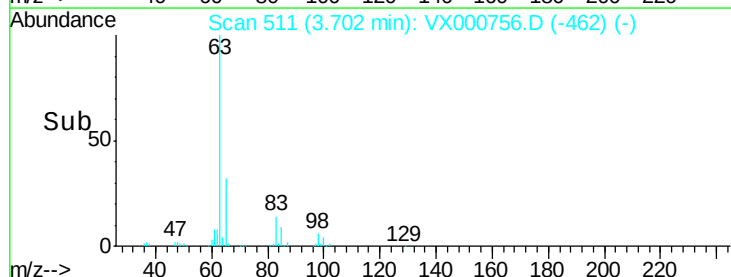
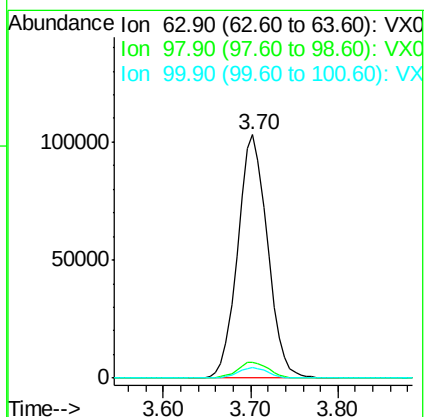
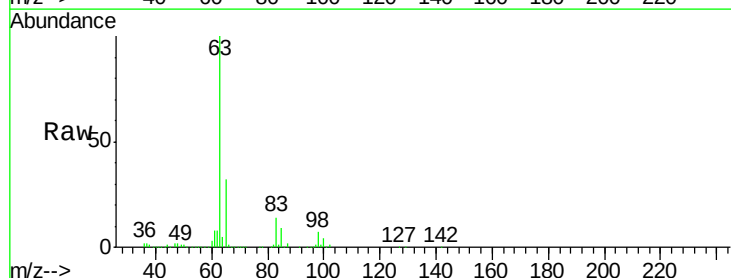
Tgt Ion: 63 Resp: 243997

Ion Ratio Lower Upper

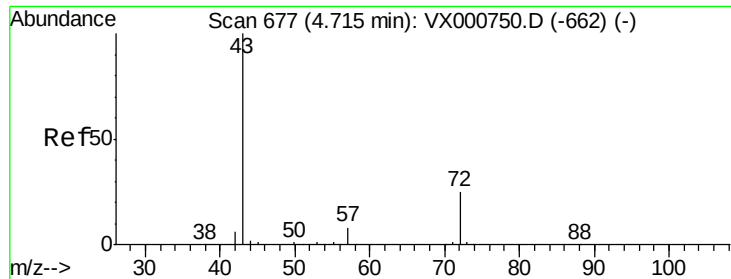
63 100

98 6.6 3.3 9.9

100 4.2 2.1 6.3







#25

2-Butanone

Concen: 262.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503190

Ion Ratio Lower Upper

43 100

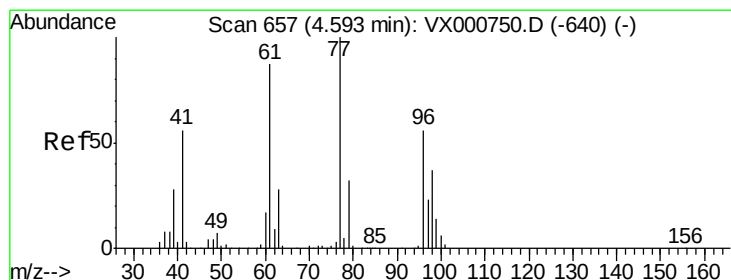
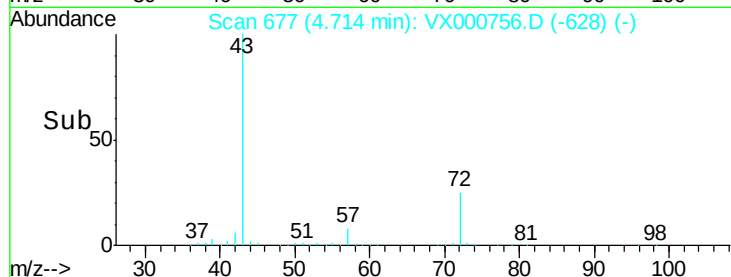
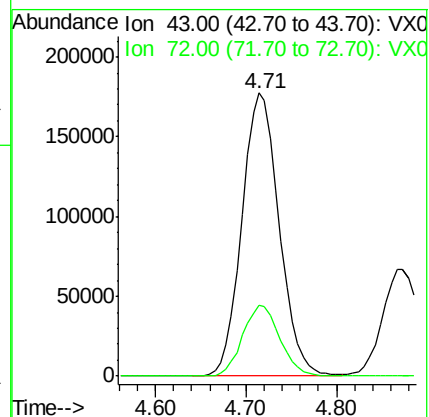
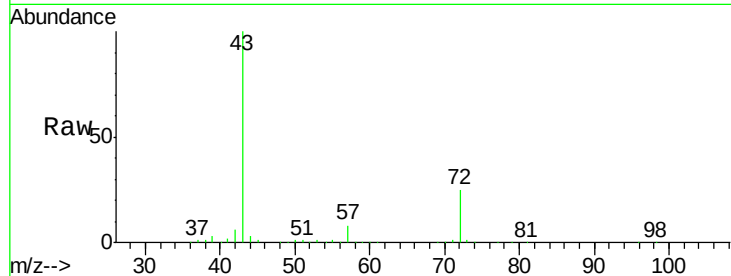
72 25.1 20.3 30.5

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 49.18 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000756.D

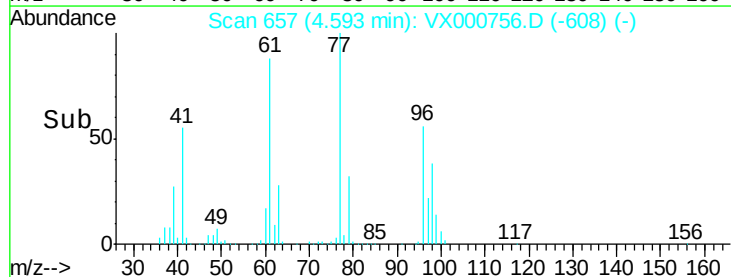
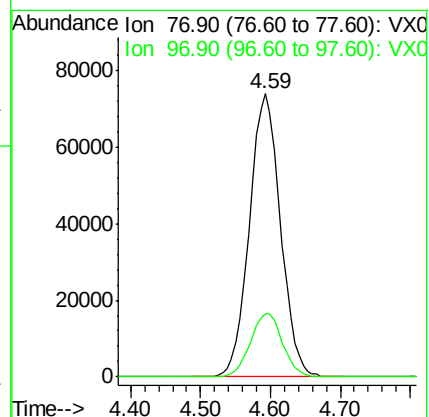
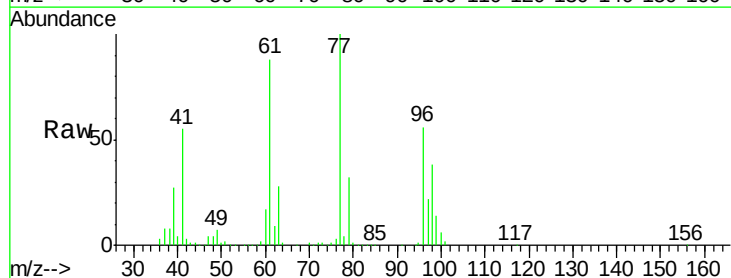
Acq: 10 Apr 2018 18:38

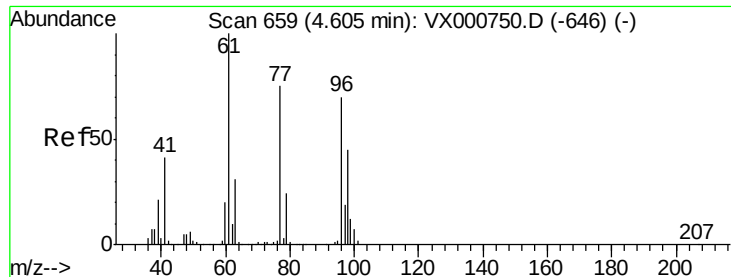
Tgt Ion: 77 Resp: 228004

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 50.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

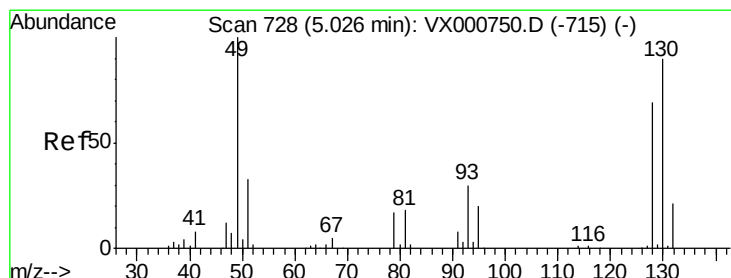
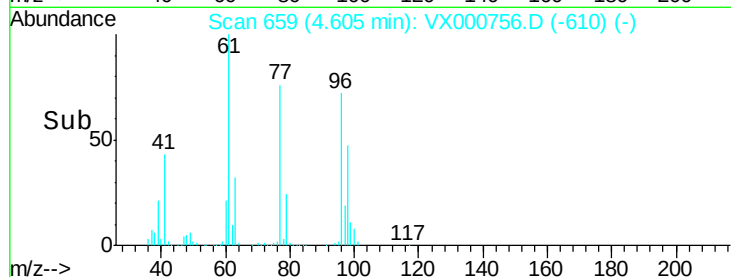
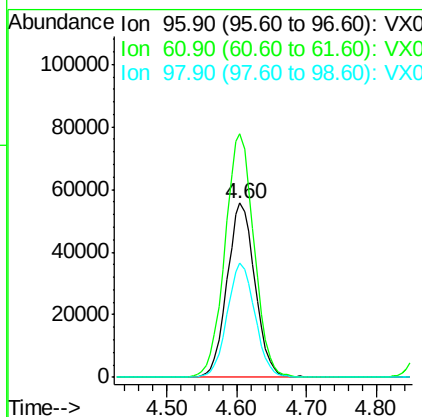
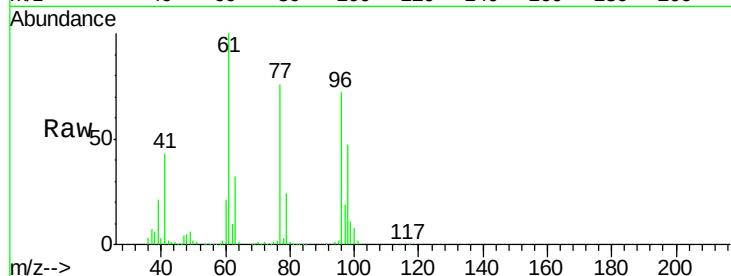
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 154025 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 145.7 | 0.0   | 292.4  |
| 98        | 65.1  | 0.0   | 130.2  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 49.92 ug/l

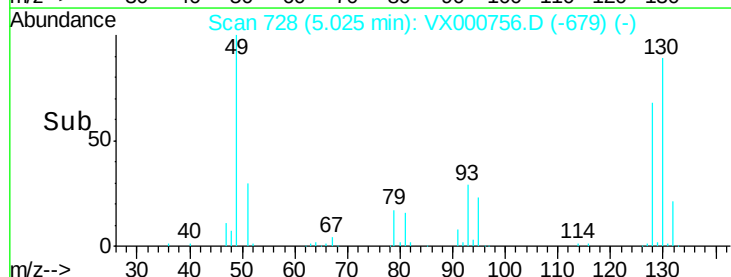
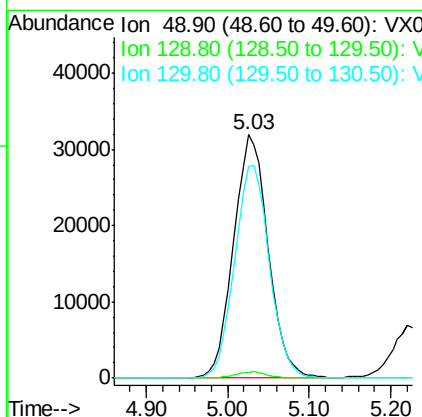
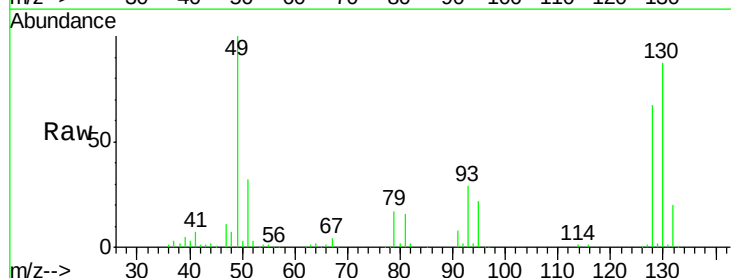
RT: 5.03 min Scan# 728

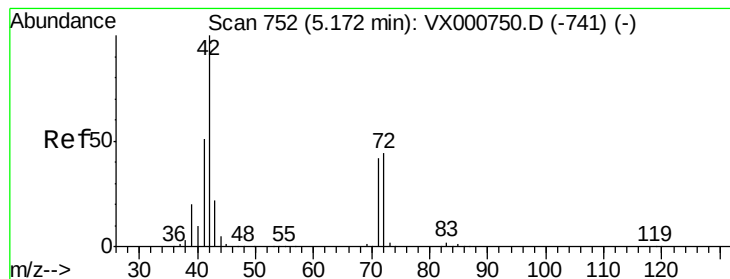
Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 93892 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.5   | 0.0   | 5.2   |
| 130       | 88.2  | 72.6  | 109.0 |





#29

Tetrahydrofuran

Concen: 258.48 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

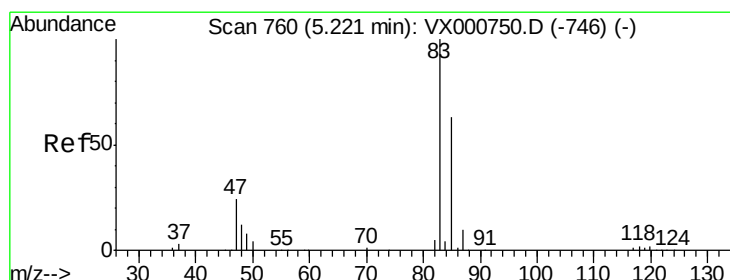
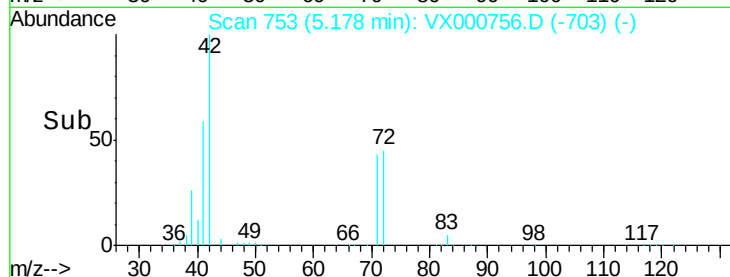
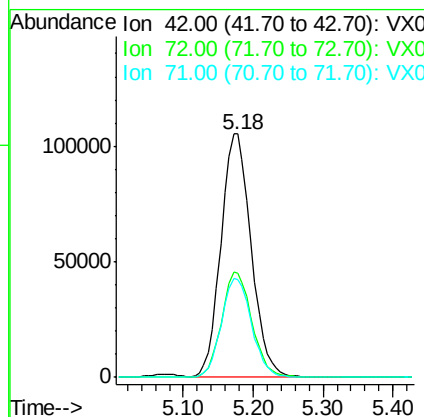
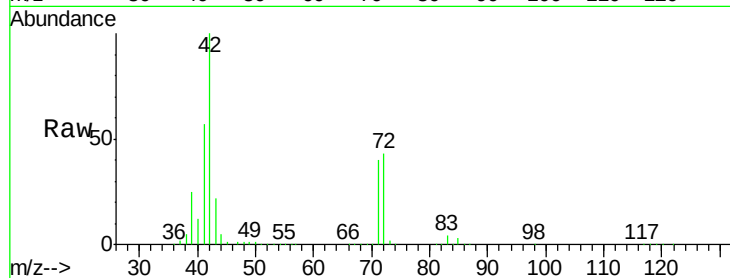
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 42    | Resp: | 314528 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 43.5  | 35.1  | 52.7   |
| 71       | 40.9  | 32.8  | 49.2   |

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#30

Chloroform

Concen: 50.85 ug/l

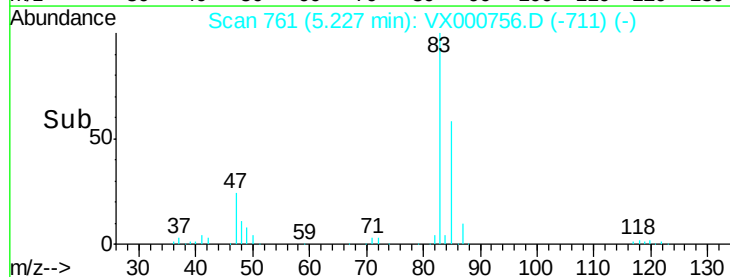
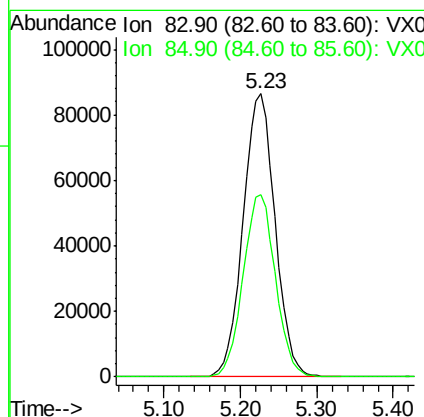
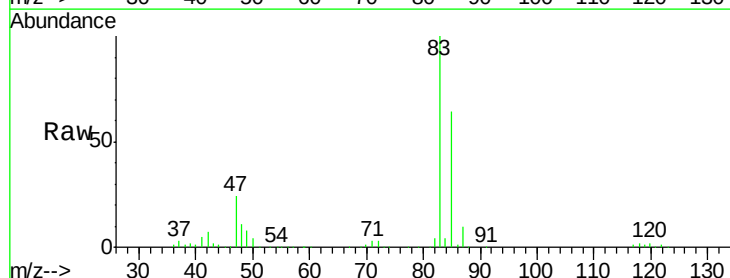
RT: 5.23 min Scan# 761

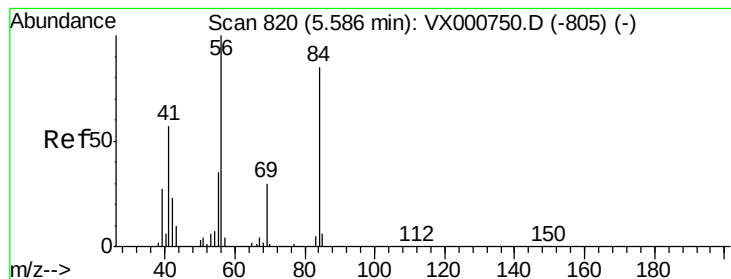
Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 251489 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.4  | 50.7  | 76.1   |





#31

Cyclohexane

Concen: 48.86 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

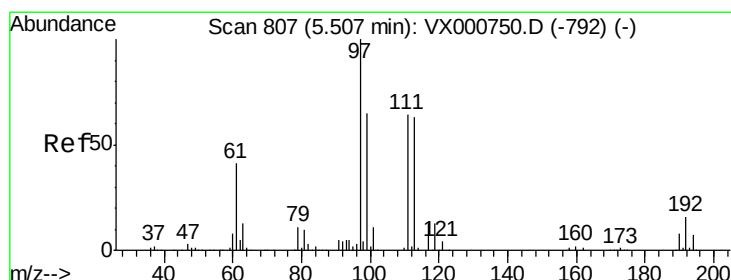
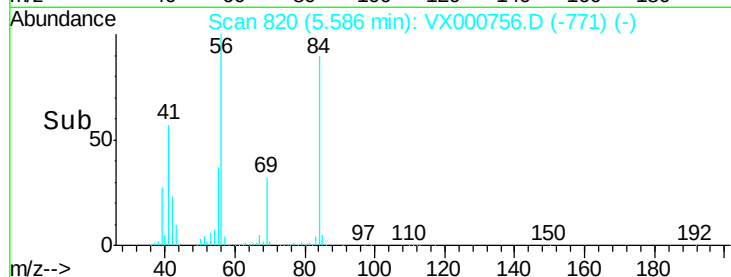
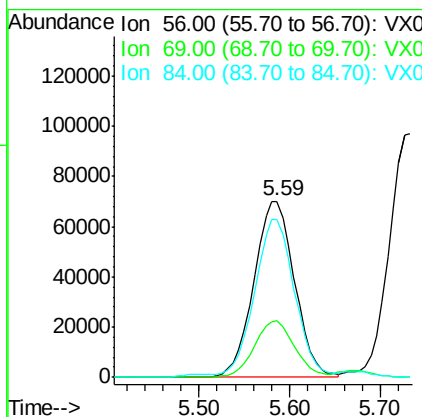
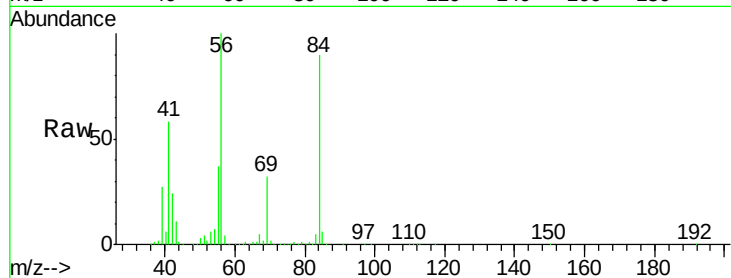
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 216745 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 32.0  | 24.2  | 36.4   |
| 84       | 88.3  | 67.6  | 101.4  |

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#32

1,1,1-Trichloroethane

Concen: 50.97 ug/l

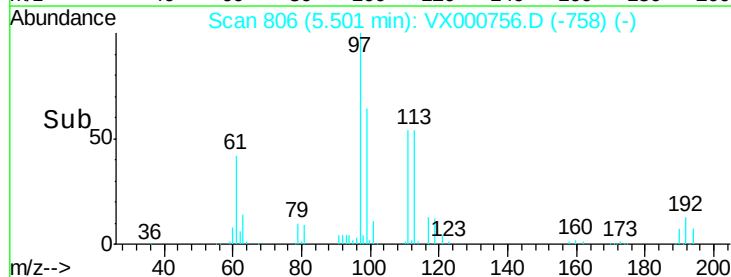
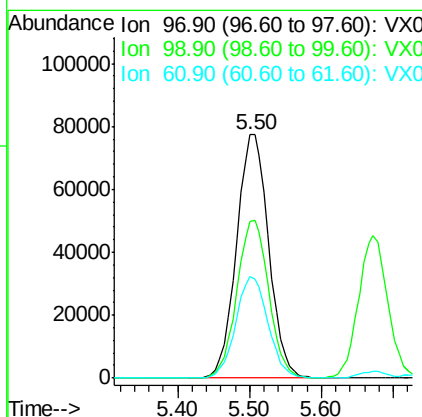
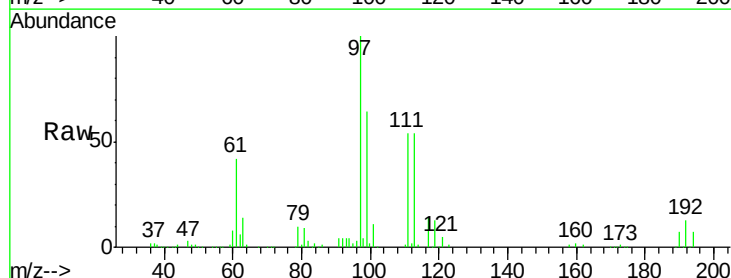
RT: 5.50 min Scan# 806

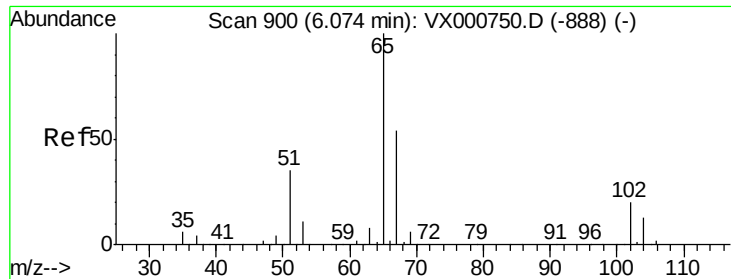
Delta R.T. -0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 240151 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.3  | 51.4  | 77.0   |
| 61       | 41.8  | 33.7  | 50.5   |





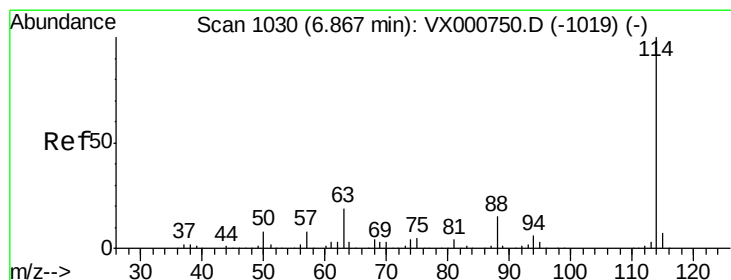
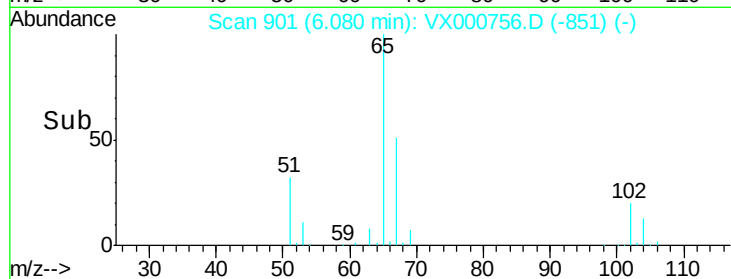
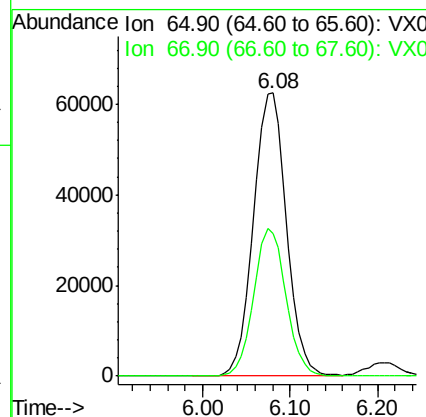
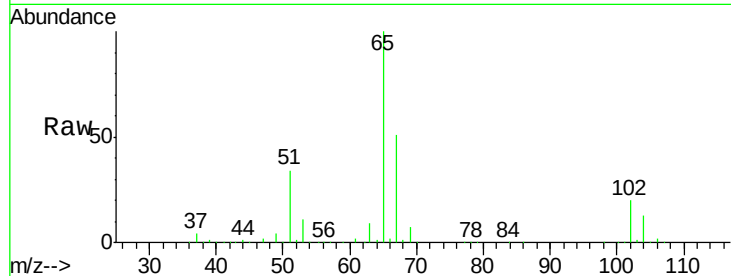
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.73 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. 0.01 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 164001 |       |       |
| 67      | 51.0  | 0.0    | 103.8 |       |

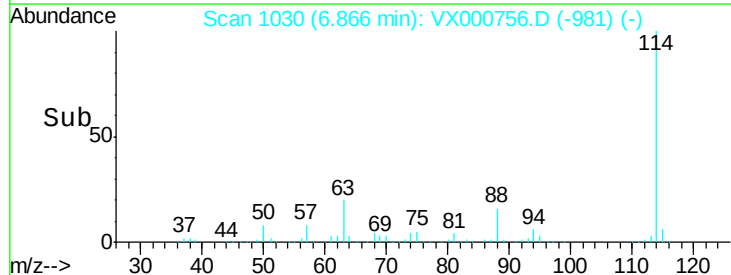
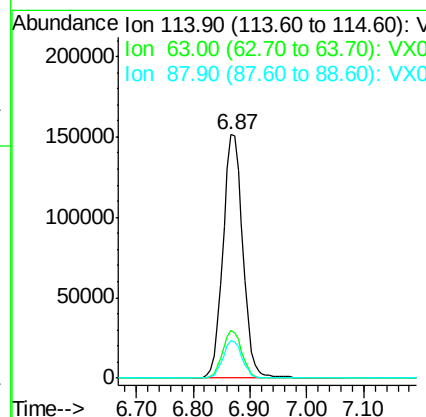
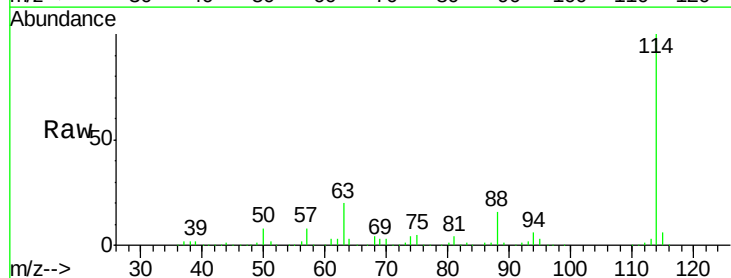
Manual Integrations  
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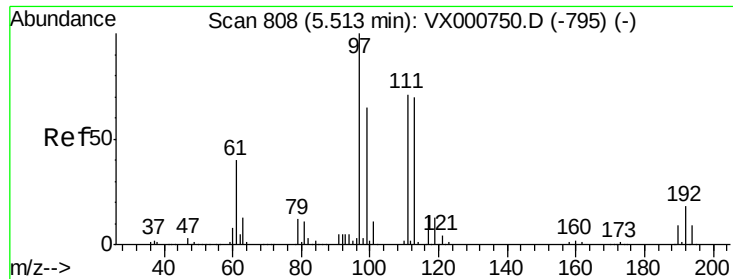
MMDadoda  
 4/11/2018 11:20:46 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 365759 |       |       |
| 63      | 19.6  | 0.0    | 38.4  |       |
| 88      | 15.7  | 0.0    | 31.0  |       |





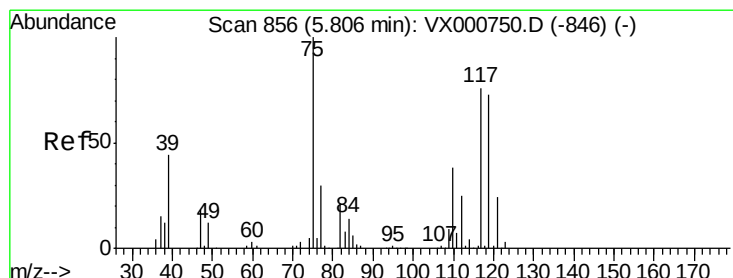
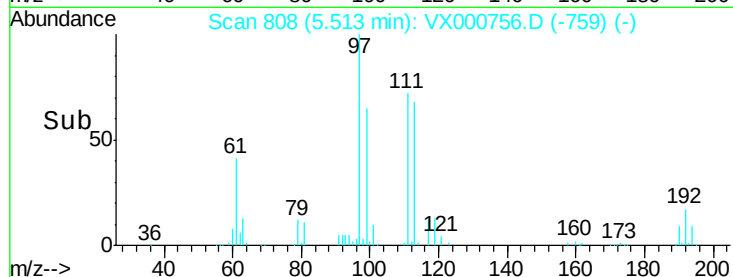
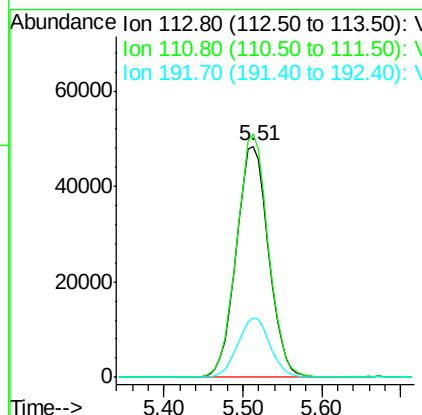
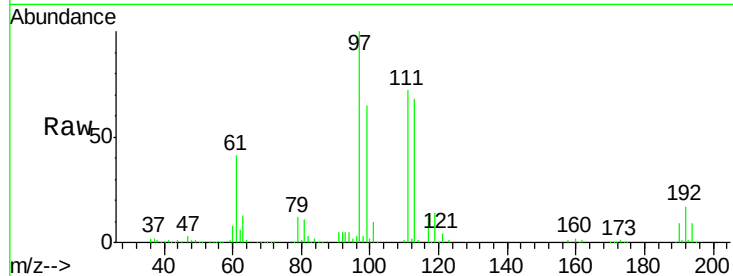
#35  
 Dibromofluoromethane  
 Concen: 49.03 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 138155 |       |       |
| 111     | 103.2 | 81.5   | 122.3 |       |
| 192     | 25.7  | 20.4   | 30.6  |       |

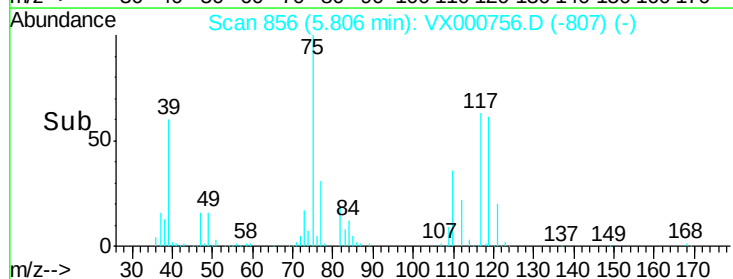
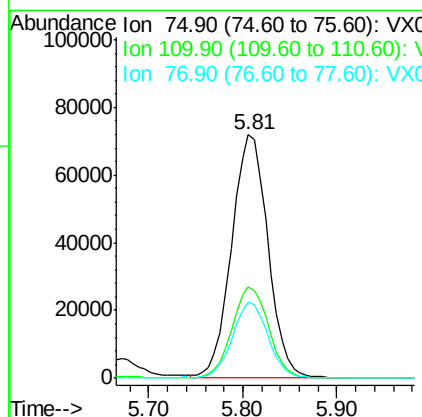
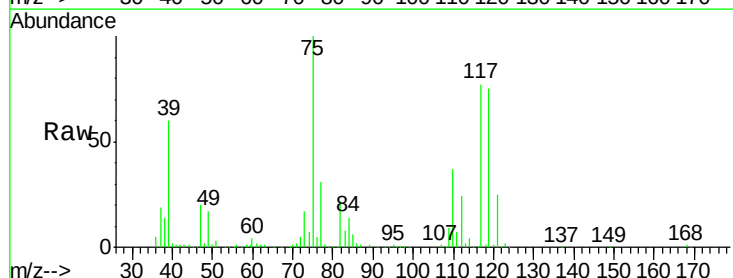
Manual Integrations  
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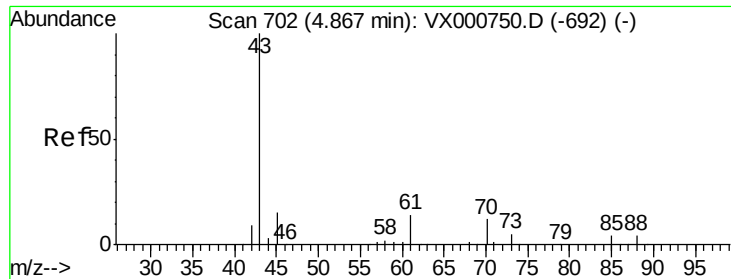
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 47.82 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 192617 |       |       |
| 110     | 37.8  | 19.2   | 57.6  |       |
| 77      | 30.8  | 25.4   | 38.2  |       |





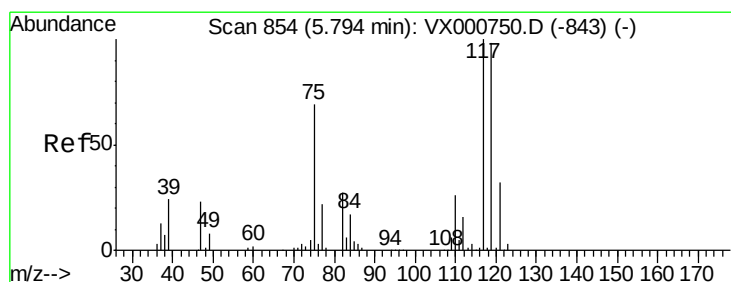
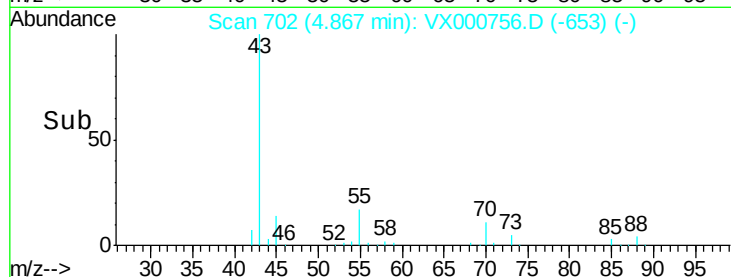
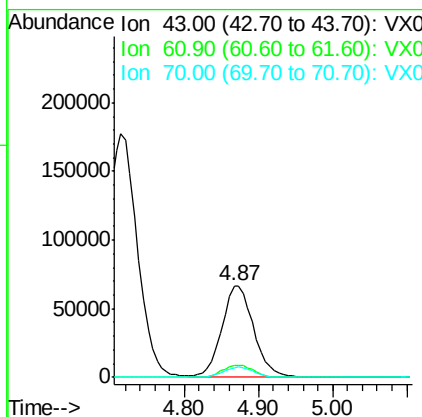
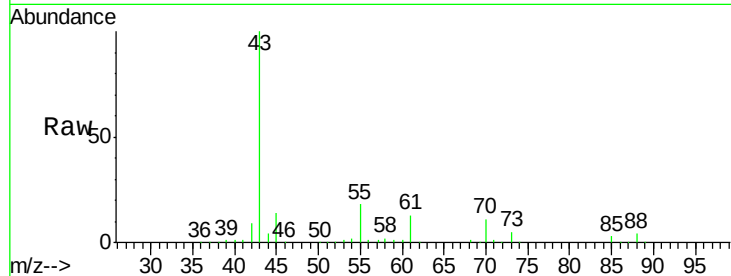
#37  
Ethyl Acetate  
Concen: 50.12 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 11.0  | 16.4  |
| 70      | 10.9  | 8.7   | 13.1  |

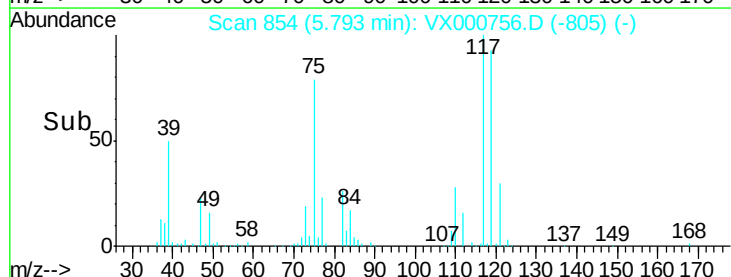
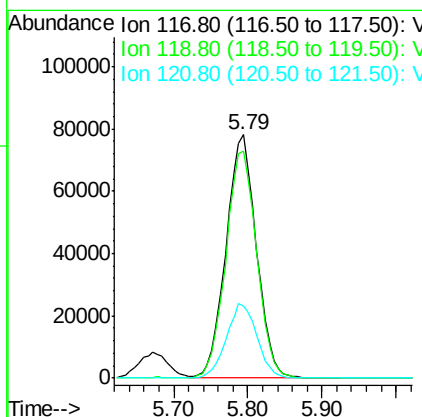
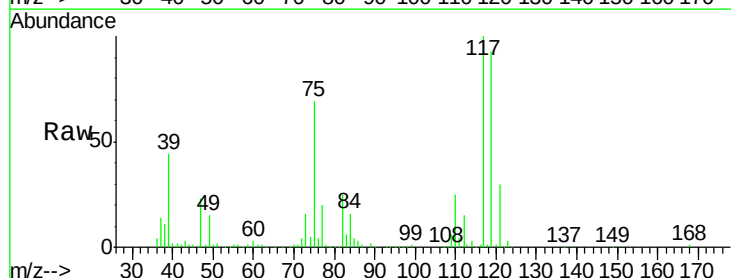
Manual Integrations  
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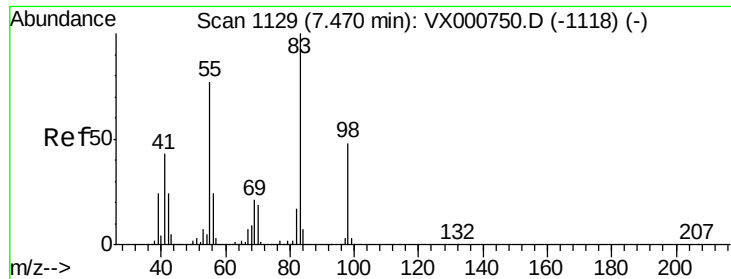
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 49.29 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.0  | 78.4  | 117.6 |
| 121     | 29.8  | 25.4  | 38.0  |





#39

Methylvlcyclohexane

Concen: 47.55 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

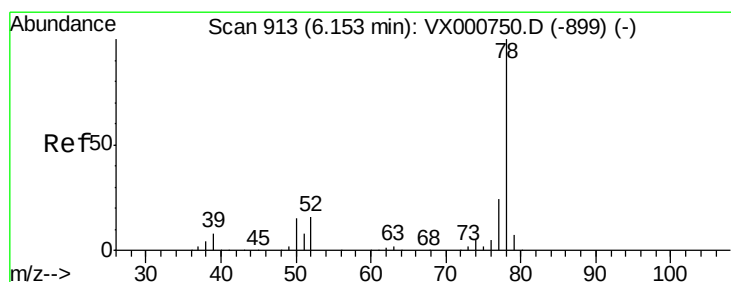
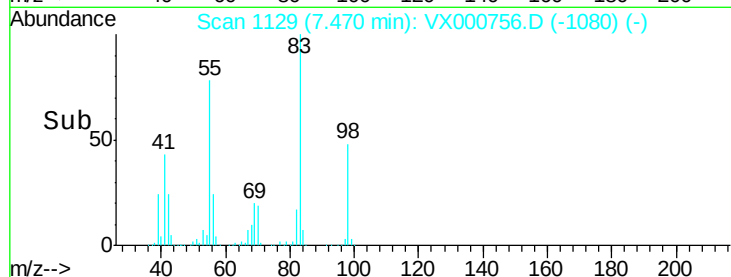
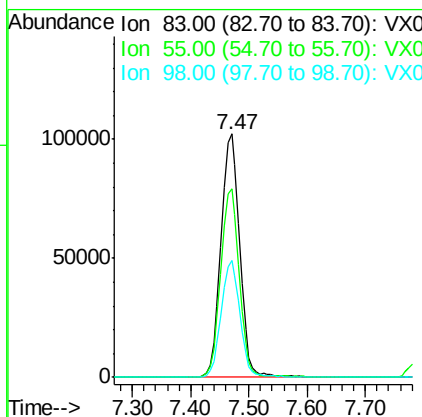
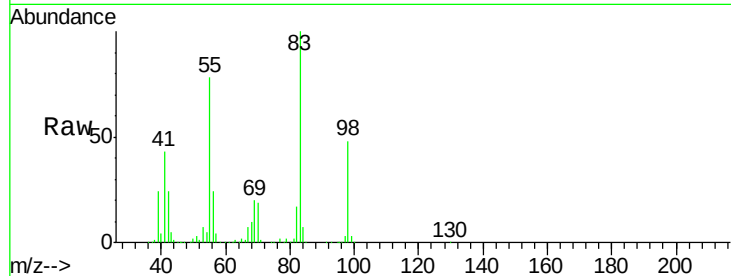
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 230026 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 77.6  | 61.5  | 92.3   |
| 98        | 48.1  | 38.1  | 57.1   |

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#40

Benzene

Concen: 49.16 ug/l

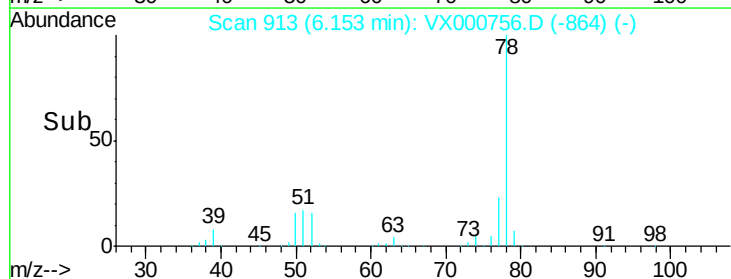
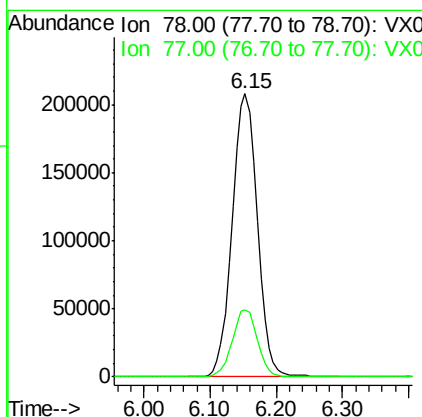
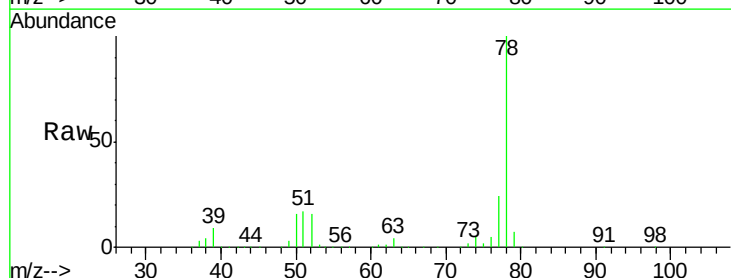
RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

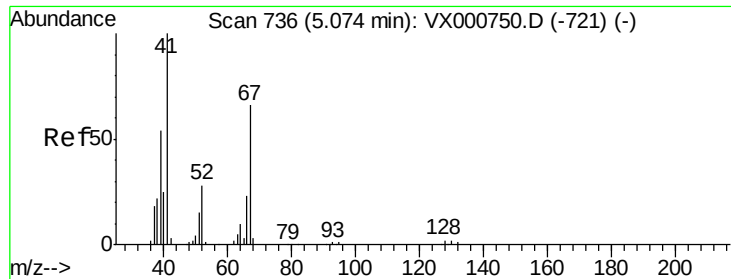
Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 550216 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.8  | 19.0  | 28.6   |







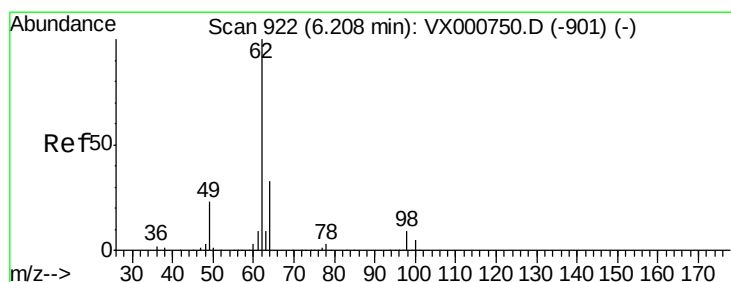
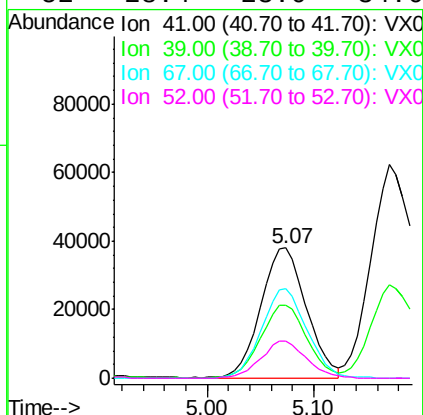
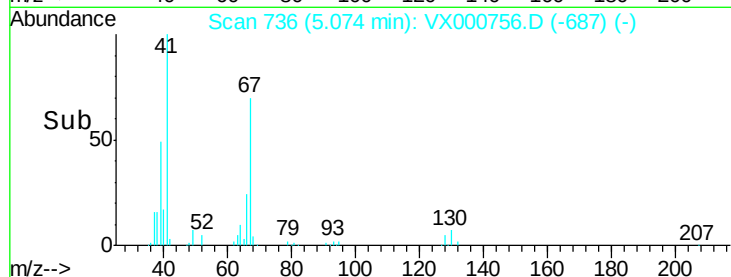
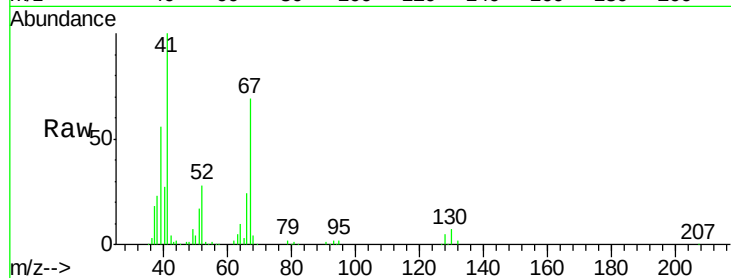
#41  
Methacrylonitrile  
Concen: 49.38 ug/l  
RT: 5.07 min Scan# 736  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 112190 |       |       |
| 39      | 56.7 | 44.9  | 67.3   |       |       |
| 67      | 69.4 | 54.7  | 82.1   |       |       |
| 52      | 28.4 | 23.0  | 34.6   |       |       |

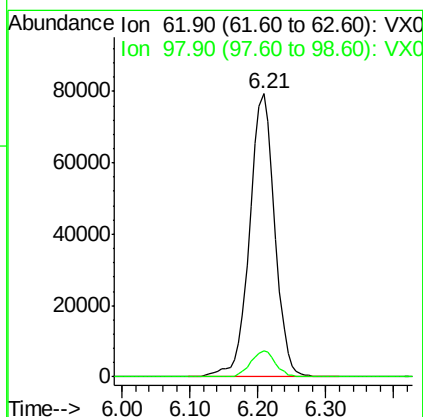
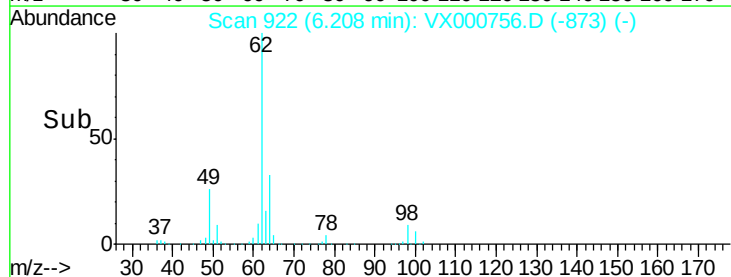
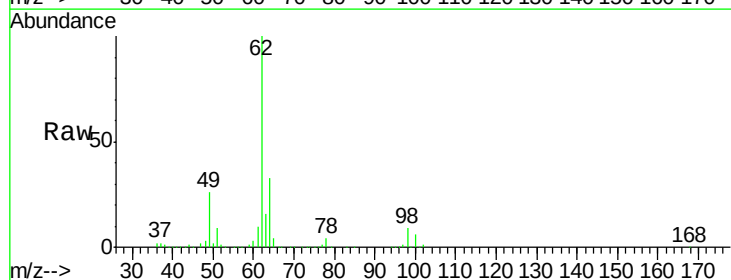
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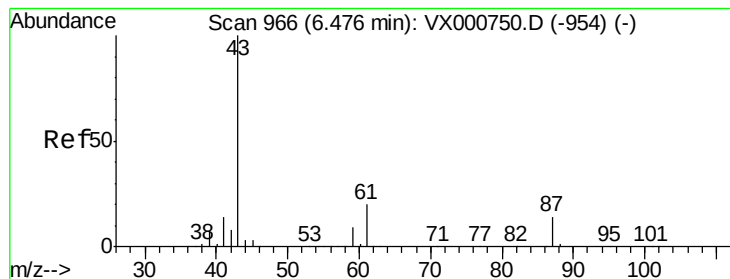
MMDadoda  
4/11/2018 11:20:46 AM



#42  
1,2-Dichloroethane  
Concen: 49.10 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 205238 |       |       |
| 98      | 9.1 | 0.0   | 18.6   |       |       |





#43

Isopropyl Acetate

Concen: 49.85 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

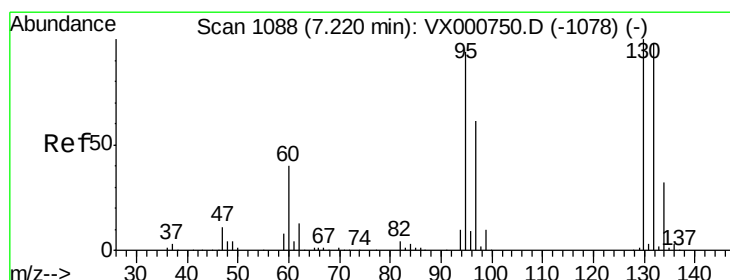
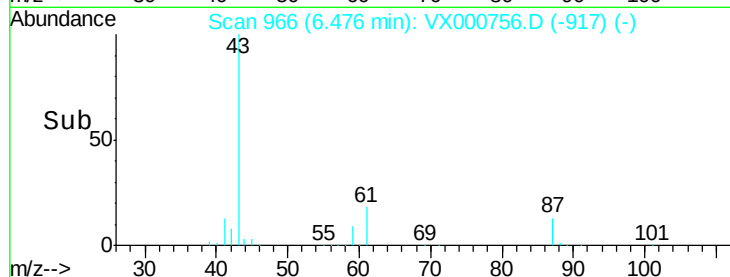
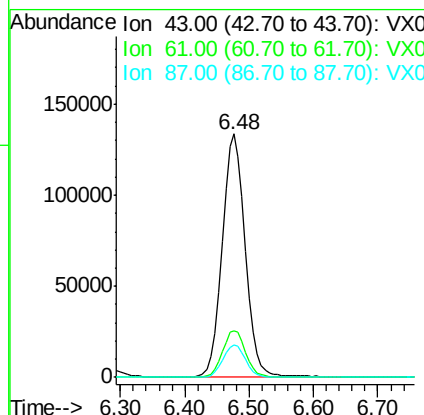
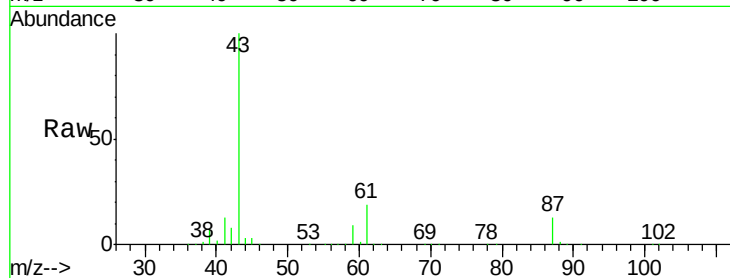
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 336077 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.4  | 15.6  | 23.4   |
| 87       | 13.4  | 10.7  | 16.1   |

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#44

Trichloroethene

Concen: 48.47 ug/l

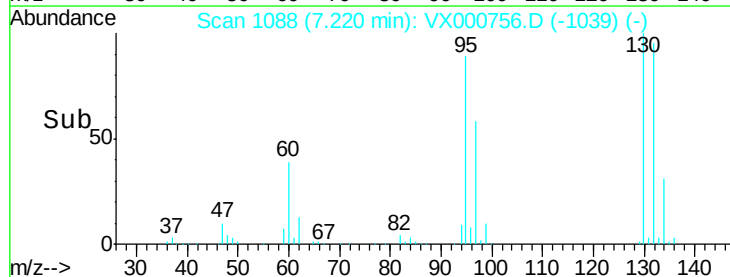
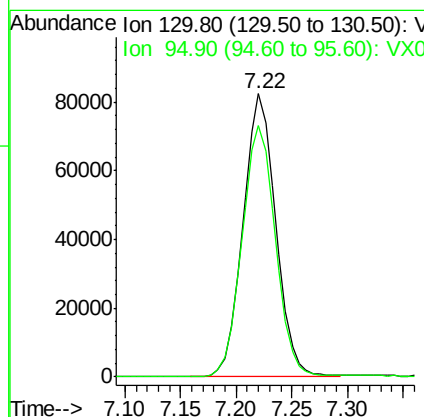
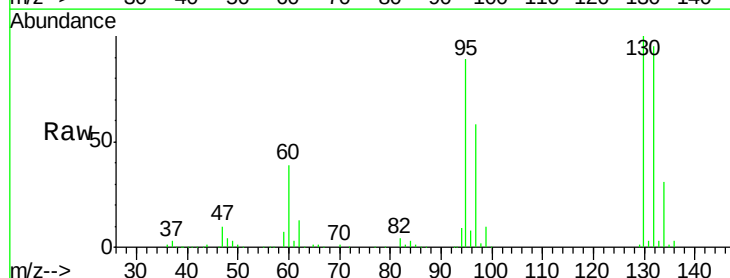
RT: 7.22 min Scan# 1088

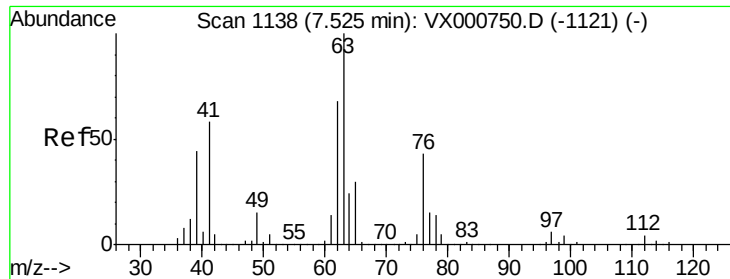
Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 168718 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 88.7  | 0.0   | 187.0  |





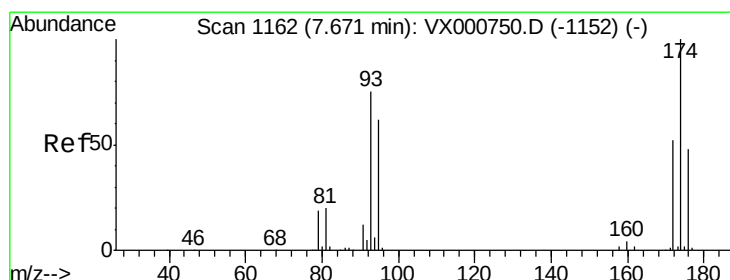
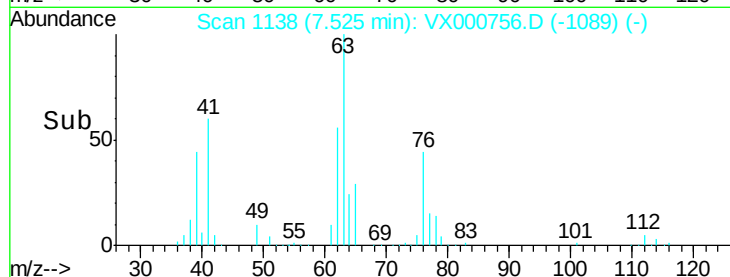
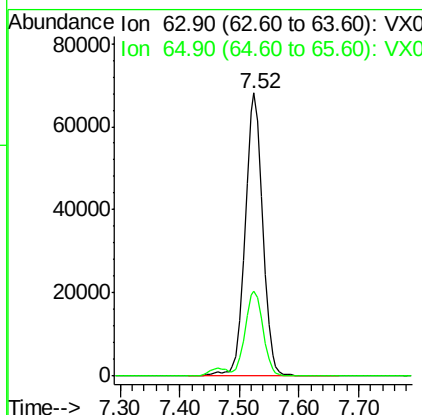
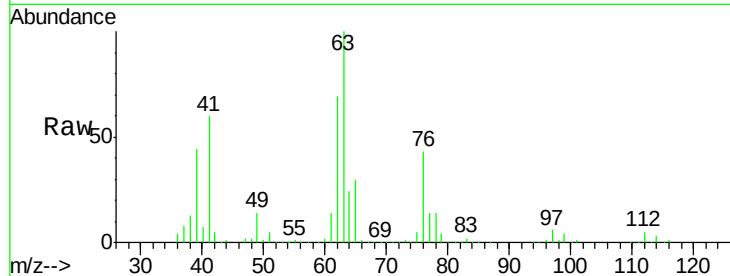
#45  
 1,2-Dichloropropane  
 Concen: 49.26 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.2  | 23.7  | 35.5  |

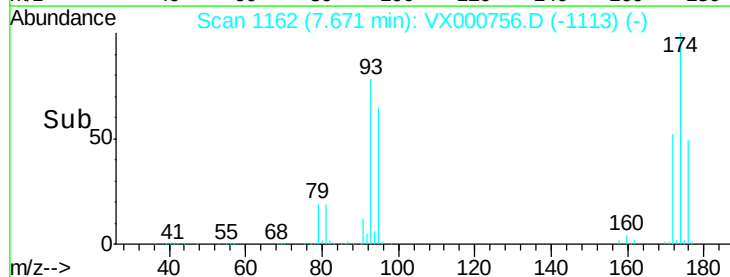
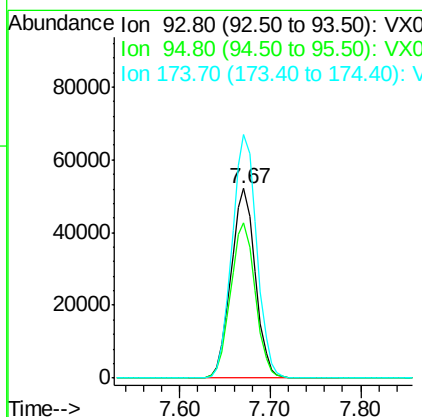
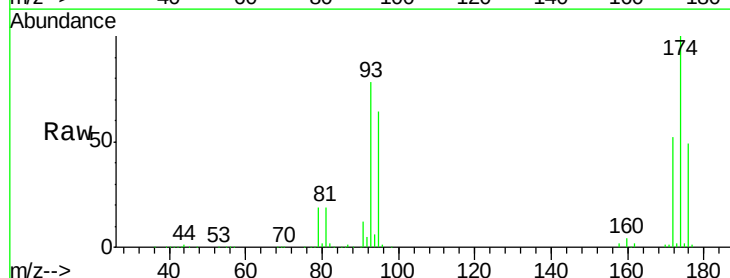
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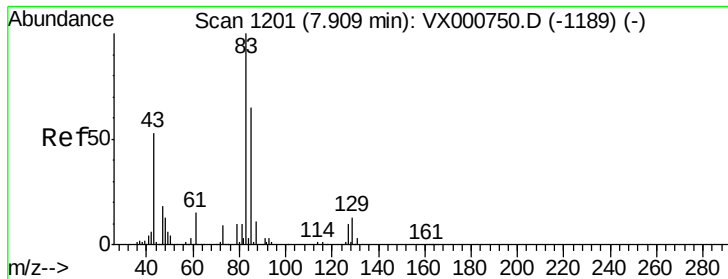
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 48.86 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.1  | 66.6  | 100.0 |
| 174     | 130.4 | 104.5 | 156.7 |





#47

Bromodichloromethane

Concen: 49.81 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

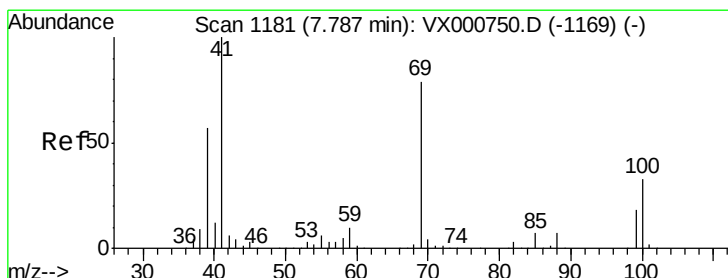
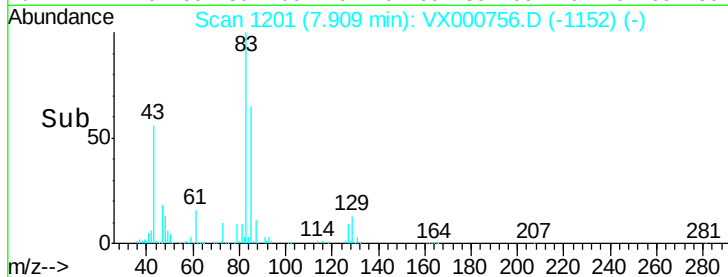
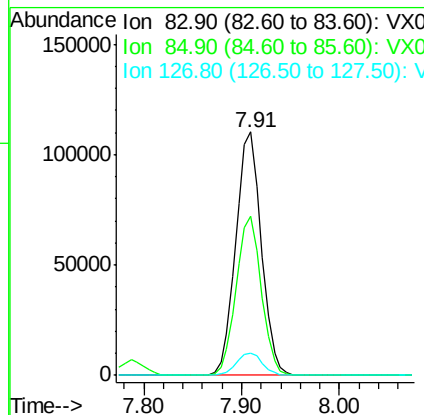
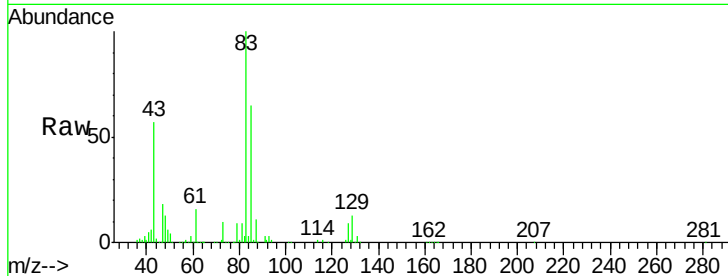
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 199765 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 52.2  | 78.4   |
| 127      | 9.2   | 7.8   | 11.8   |

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#48

Methyl methacrylate

Concen: 50.17 ug/l

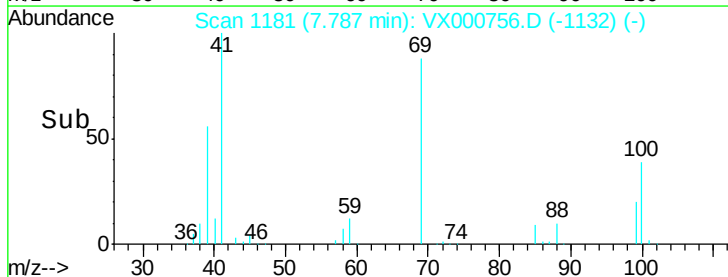
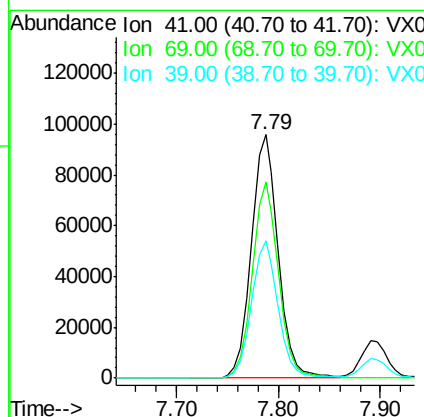
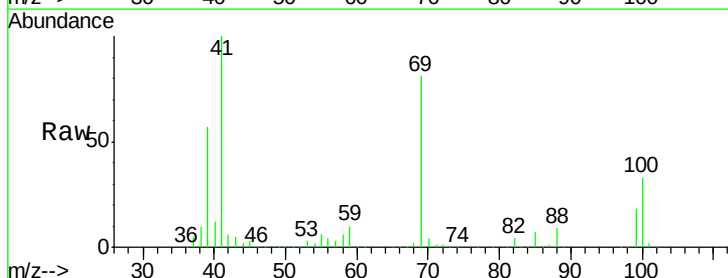
RT: 7.79 min Scan# 1181

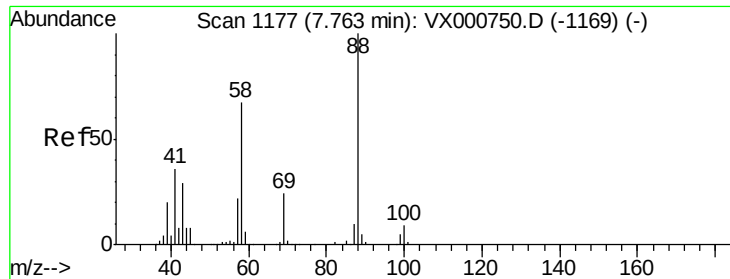
Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 175320 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 79.8  | 63.9  | 95.9   |
| 39       | 55.9  | 45.9  | 68.9   |





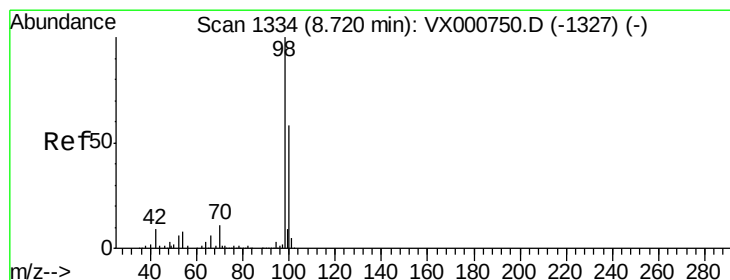
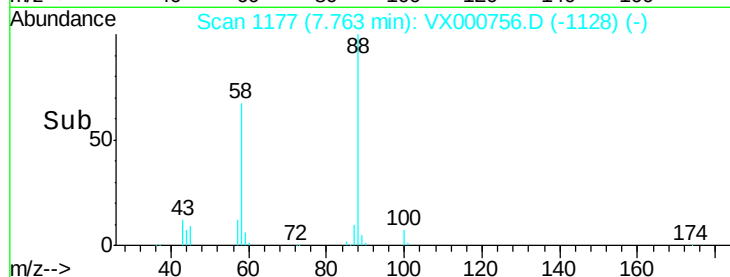
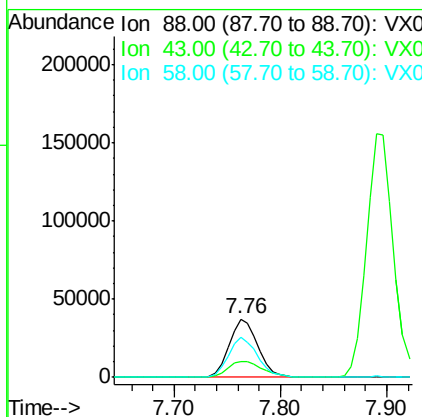
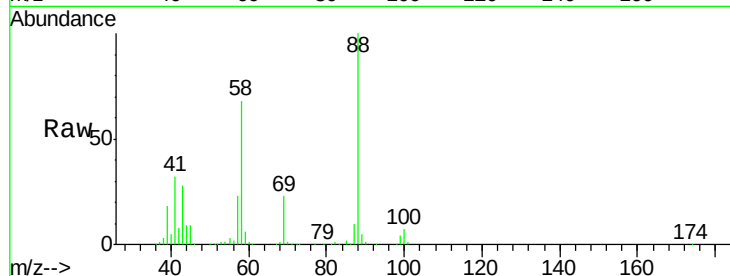
#49  
1,4-Dioxane  
Concen: 1001.52 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.1  | 25.8  | 38.8  |
| 58      | 69.5  | 54.4  | 81.6  |

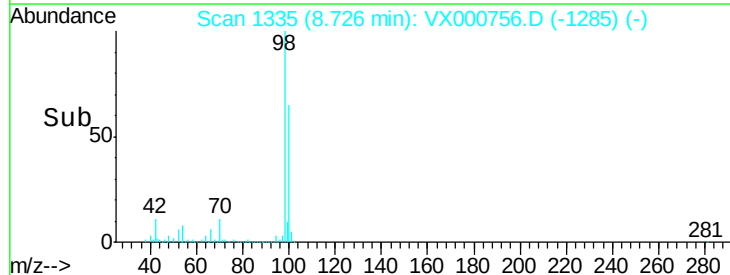
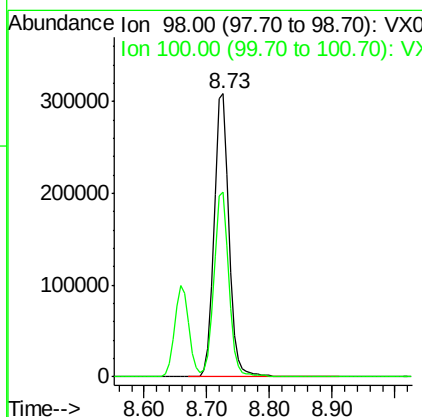
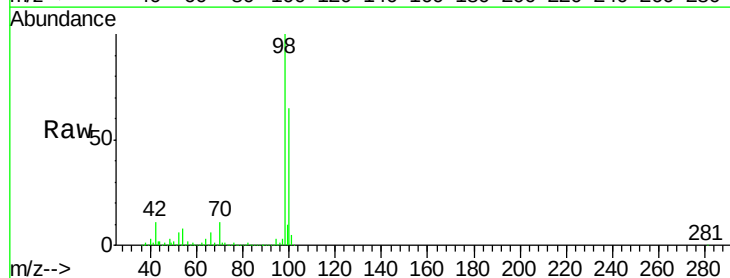
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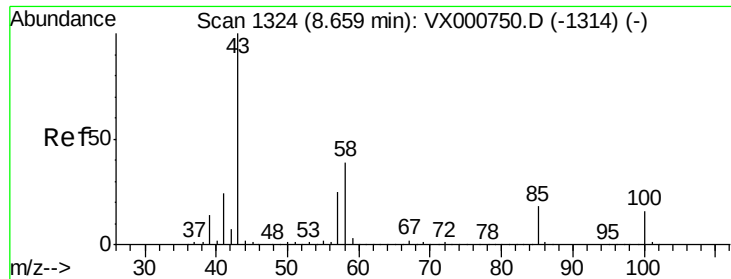
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.16 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 52.6  | 79.0  |





#51

4-Methyl-2-Pentanone

Concen: 254.12 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1006397

Ion Ratio Lower Upper

43 100

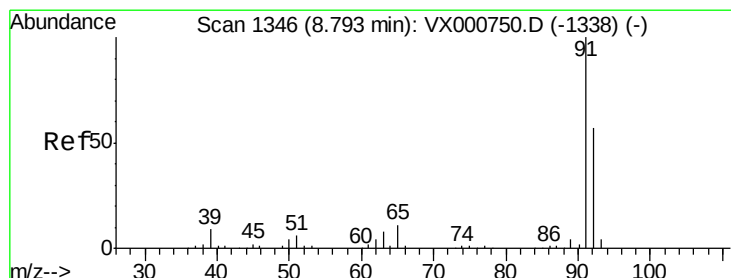
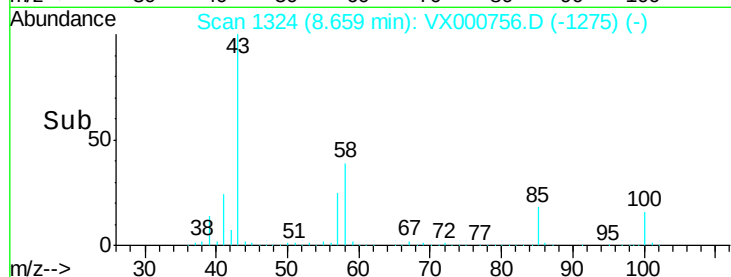
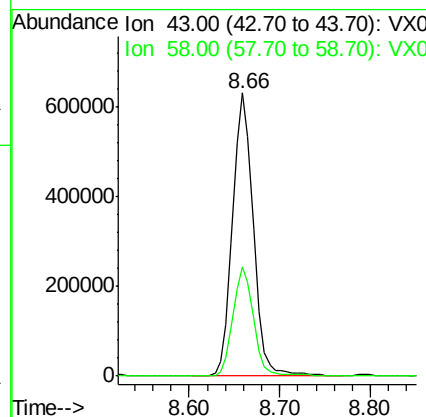
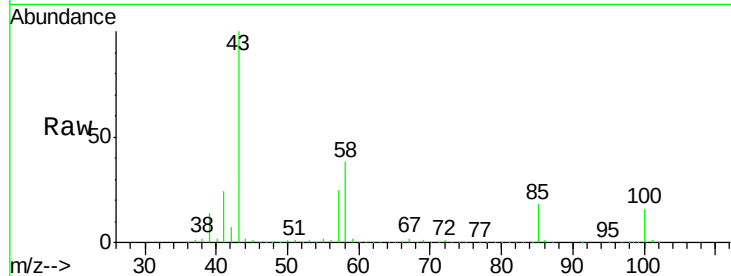
58 37.7 30.3 45.5

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#52

Toluene

Concen: 48.77 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000756.D

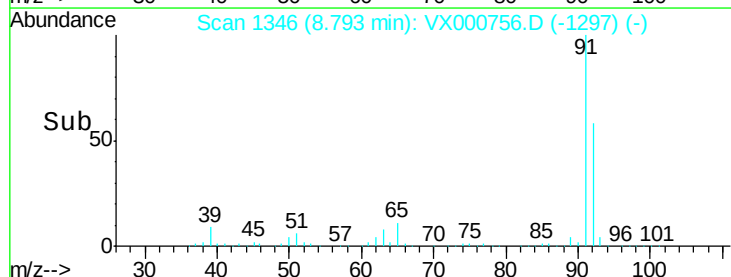
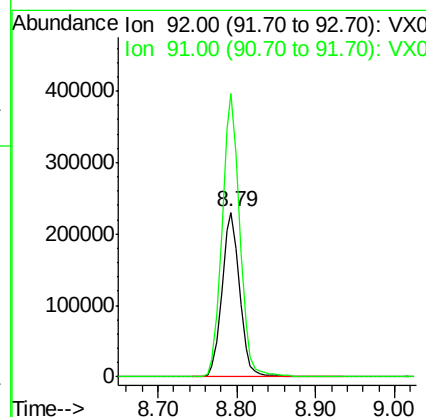
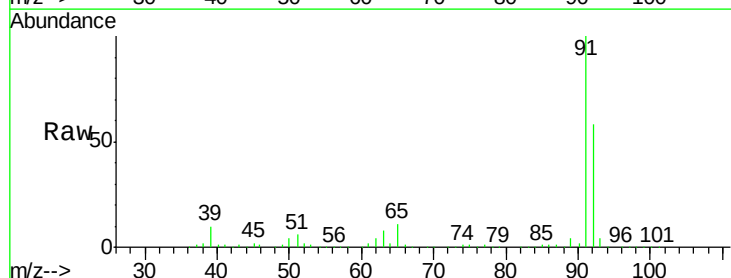
Acq: 10 Apr 2018 18:38

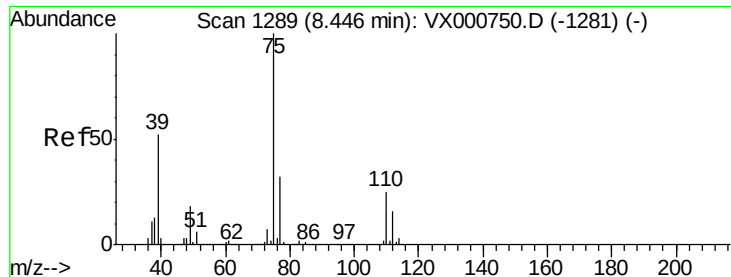
Tgt Ion: 92 Resp: 362153

Ion Ratio Lower Upper

92 100

91 171.6 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 49.74 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 239267

Ion Ratio Lower Upper

75 100

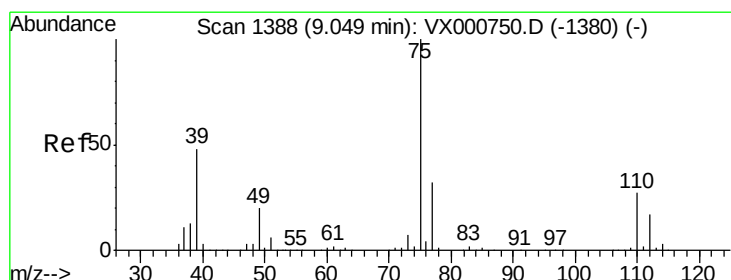
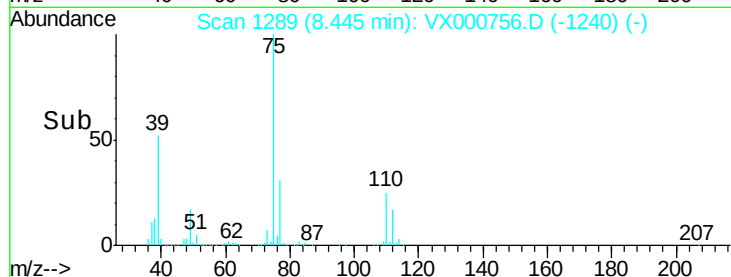
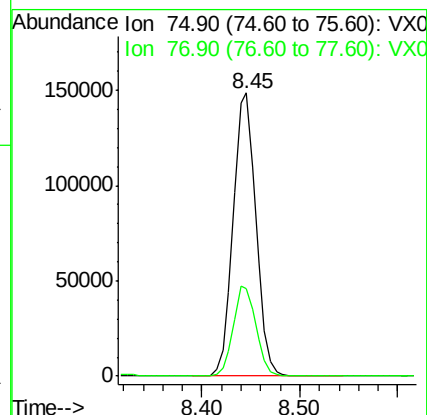
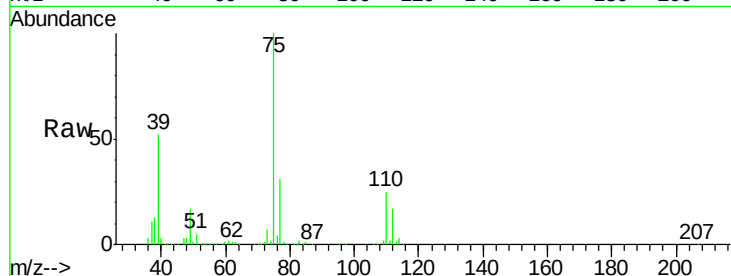
77 30.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 50.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

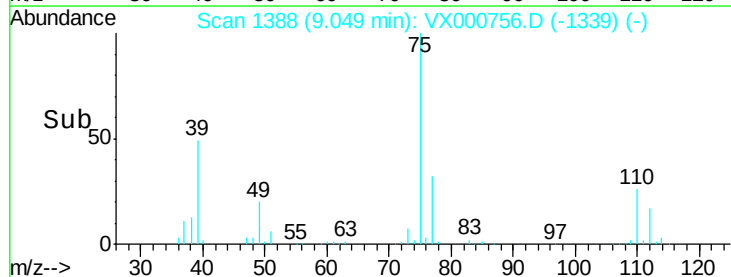
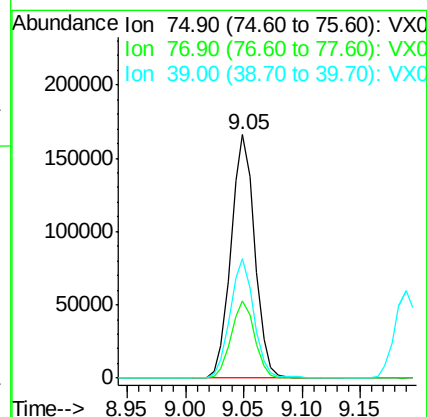
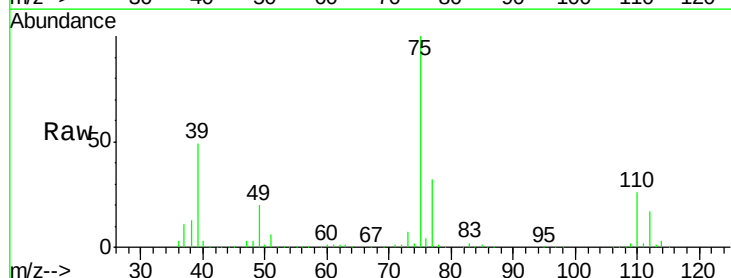
Tgt Ion: 75 Resp: 234549

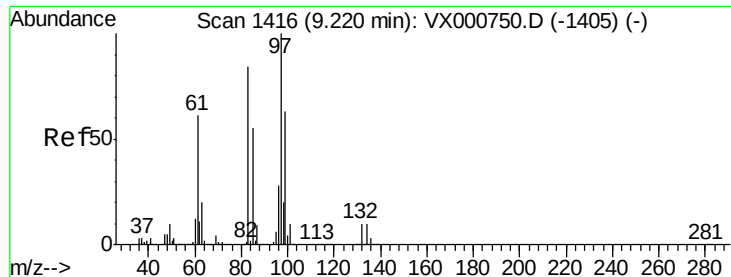
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 48.8 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 48.95 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

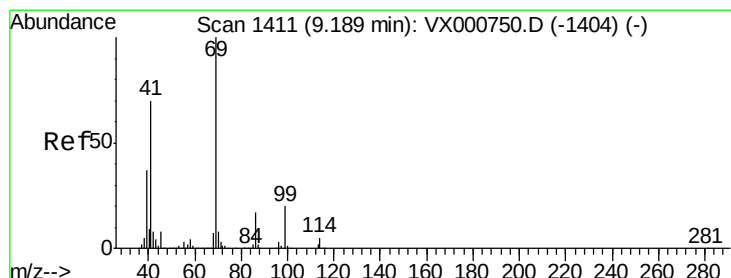
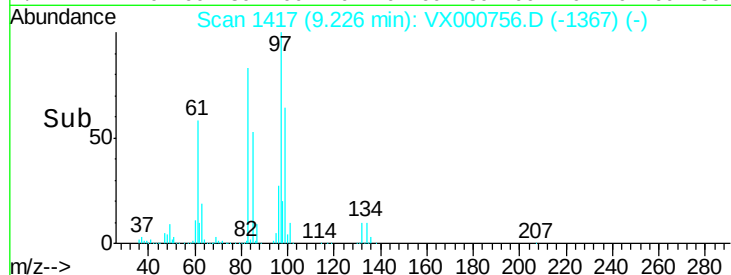
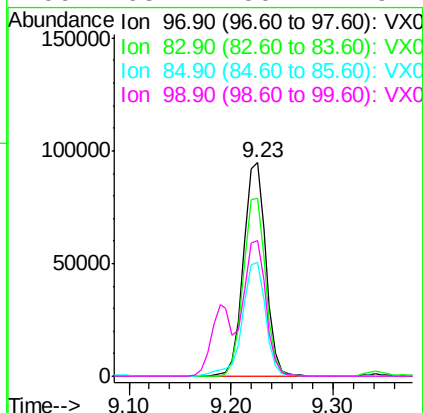
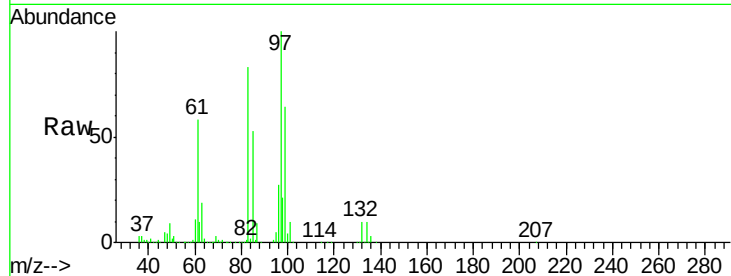
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 144309 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 83.3  | 67.6  | 101.4  |
| 85        | 53.5  | 43.8  | 65.6   |
| 99        | 63.7  | 50.2  | 75.4   |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 49.56 ug/l

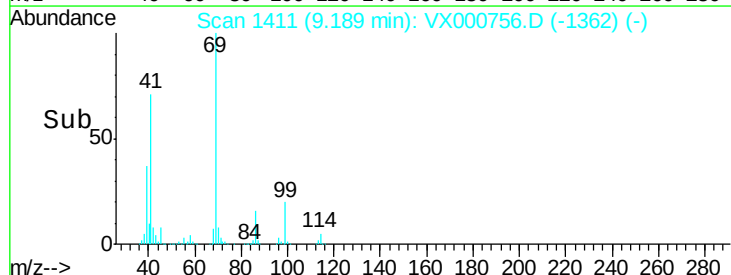
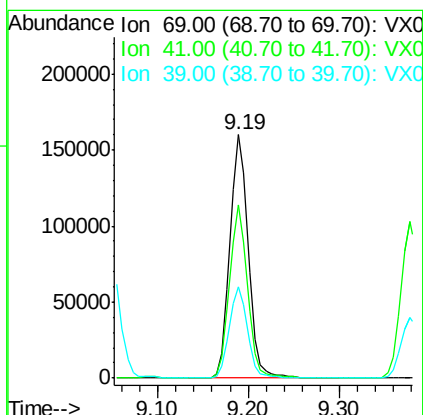
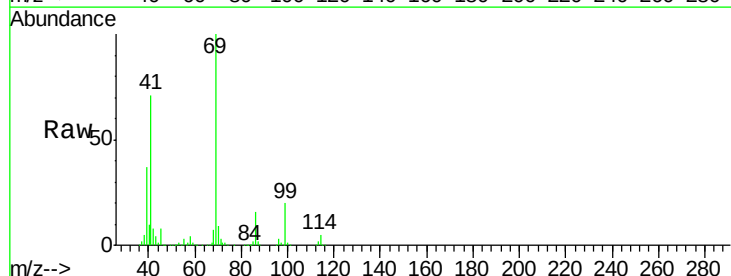
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

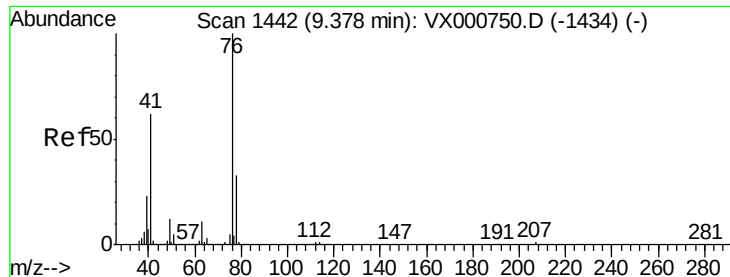
Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 225359 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 69.6  | 55.6  | 83.4   |
| 39        | 37.2  | 30.3  | 45.5   |







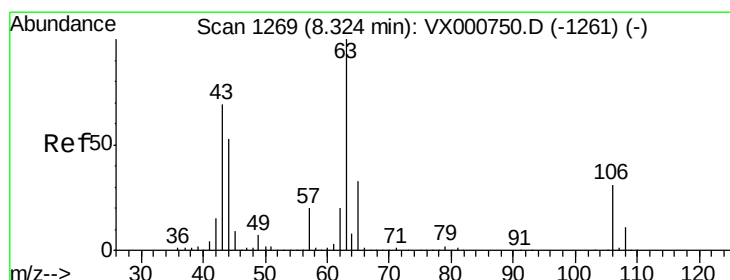
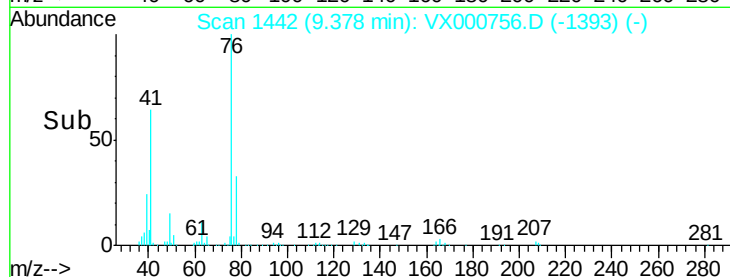
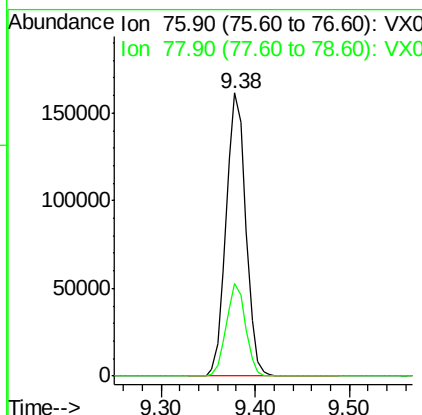
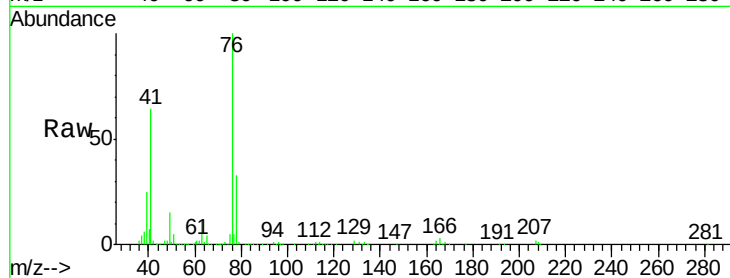
#57  
 1,3-Dichloropropane  
 Concen: 50.02 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.2  | 25.8  | 38.6  |

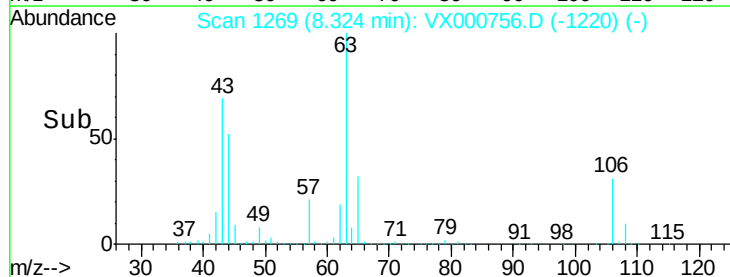
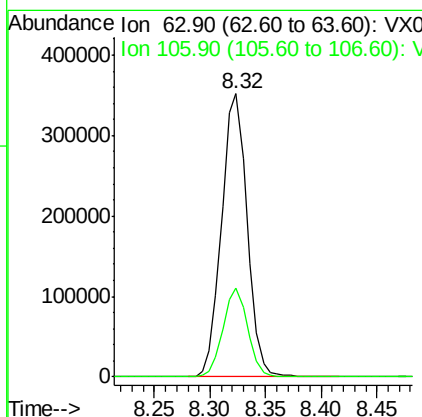
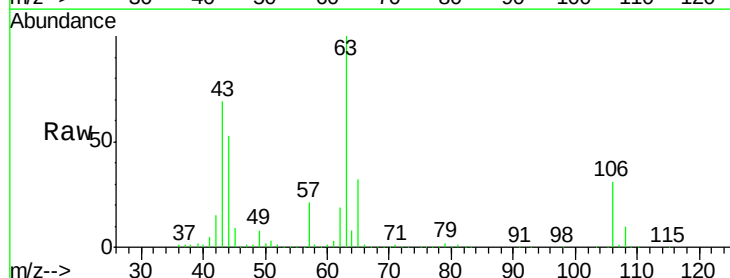
Manual Integrations  
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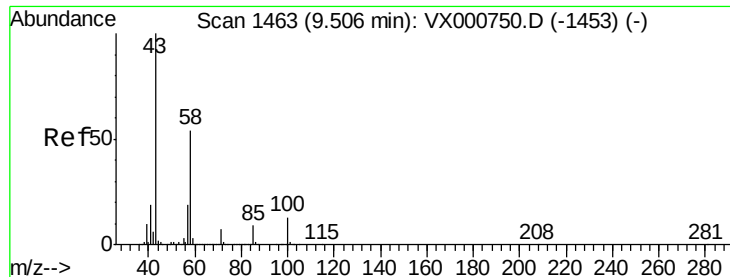
MMDadoda  
 4/11/2018 11:20:46 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 263.39 ug/l  
 RT: 8.32 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.5  | 24.3  | 36.5  |





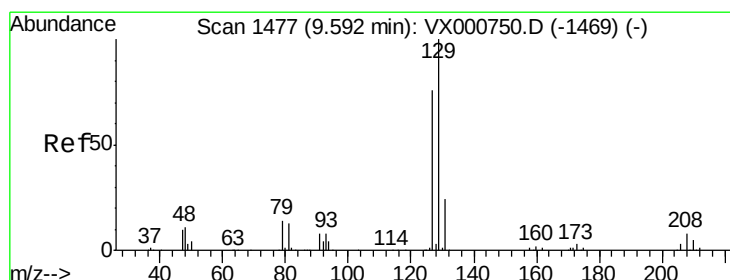
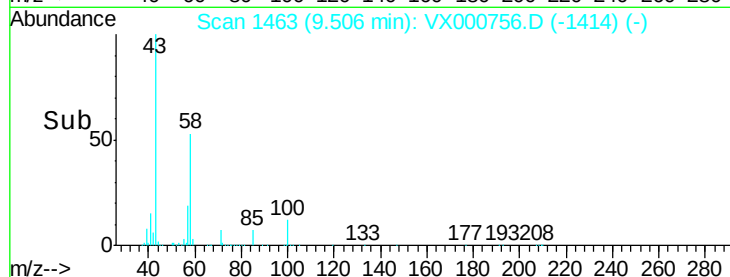
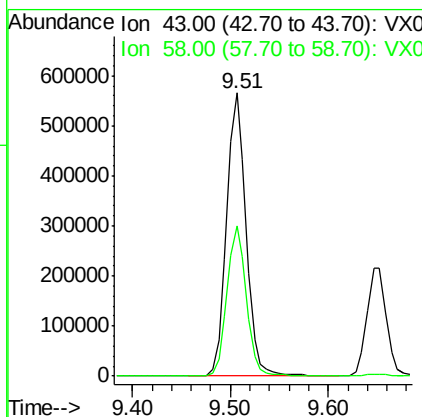
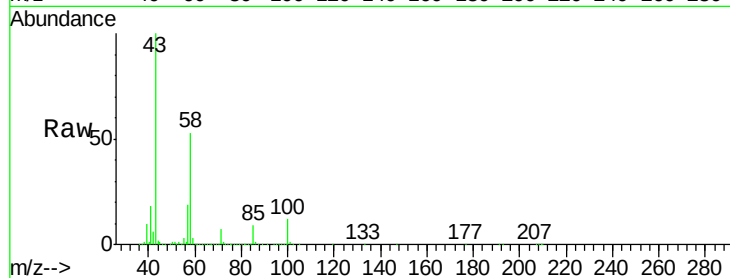
#59  
2-Hexanone  
Concen: 255.43 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.1  | 26.5  | 79.5  |

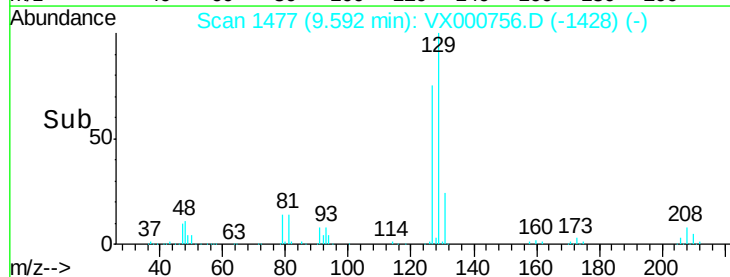
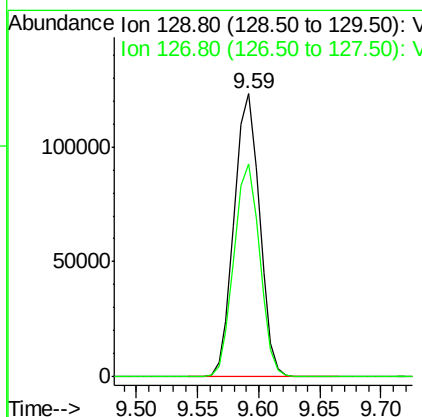
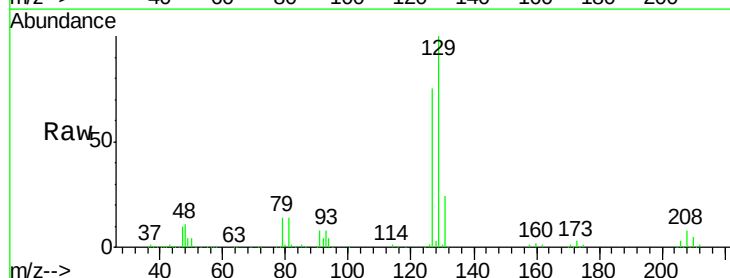
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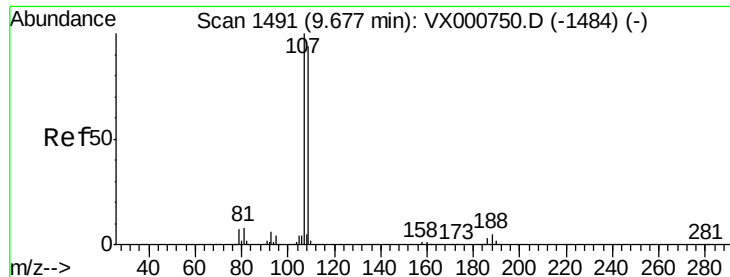
MMDadoda  
4/11/2018 11:20:46 AM



#60  
Dibromochloromethane  
Concen: 50.44 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.1  | 38.4  | 115.1 |





#61

1,2-Dibromoethane

Concen: 49.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 154395

Ion Ratio Lower Upper

107 100

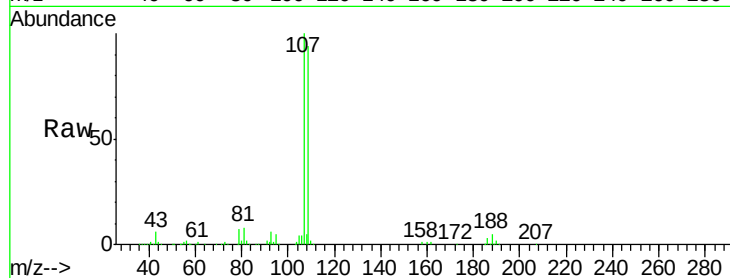
109 95.0 76.2 114.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

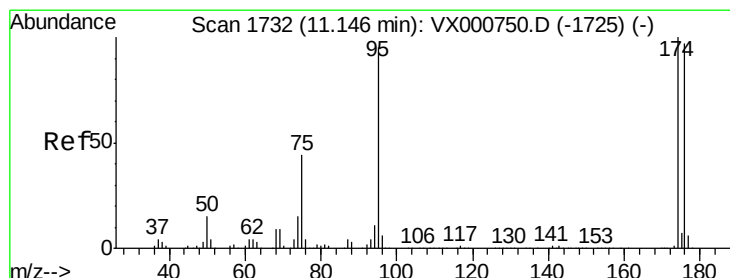
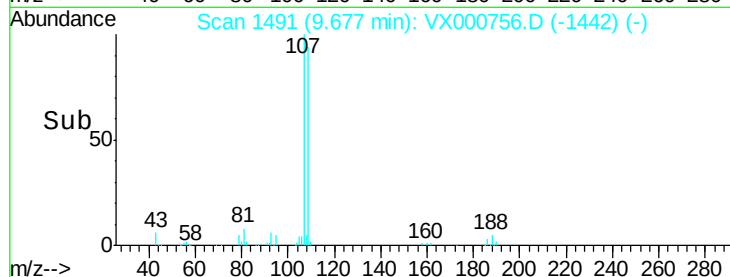
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.47 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

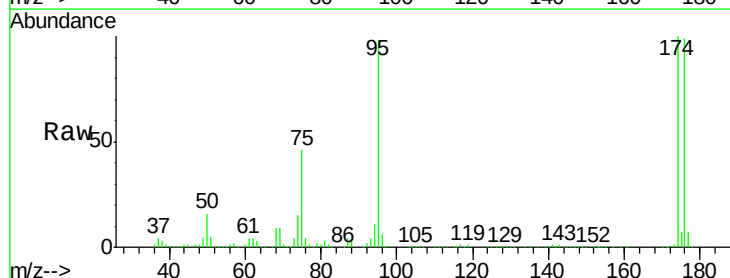
Tgt Ion: 95 Resp: 206059

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

176 96.3 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

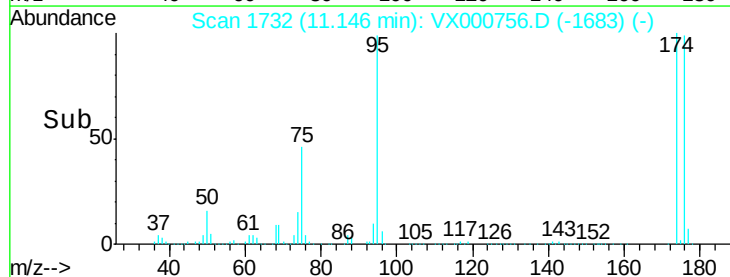
150000

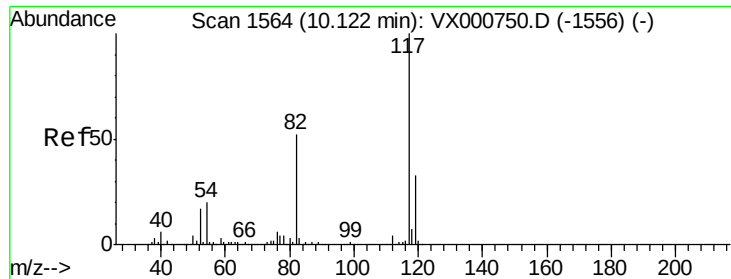
100000

50000

0

Time-->





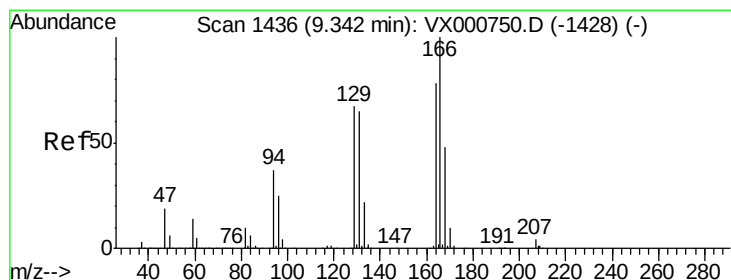
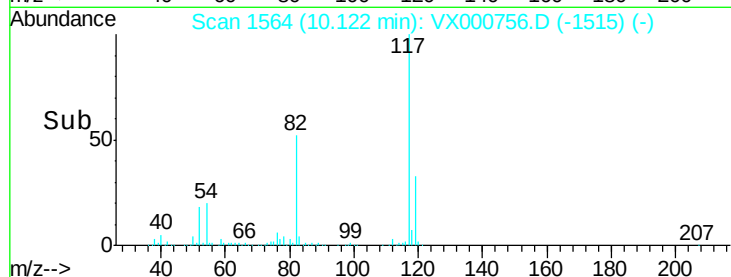
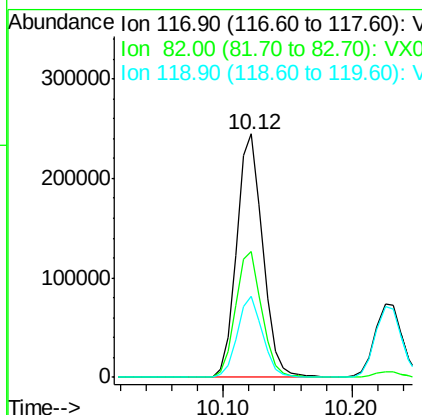
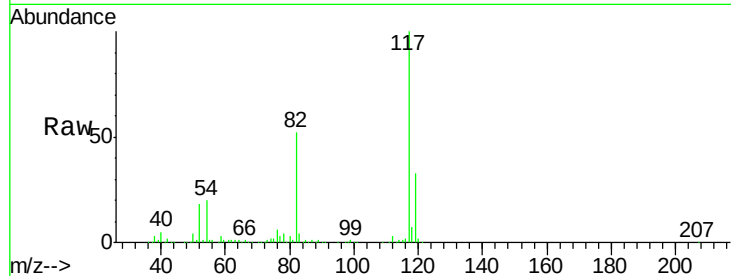
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 344556 |       |       |
| 82      | 51.9  |        | 41.9  | 62.9  |
| 119     | 33.1  |        | 26.0  | 39.0  |

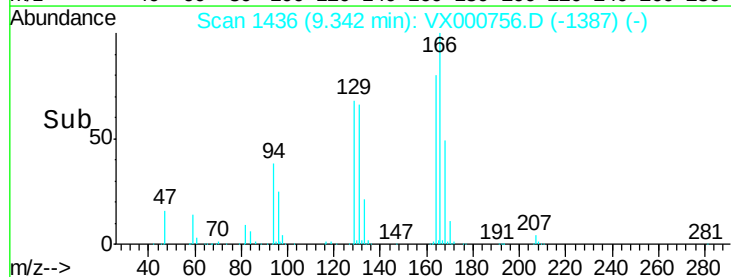
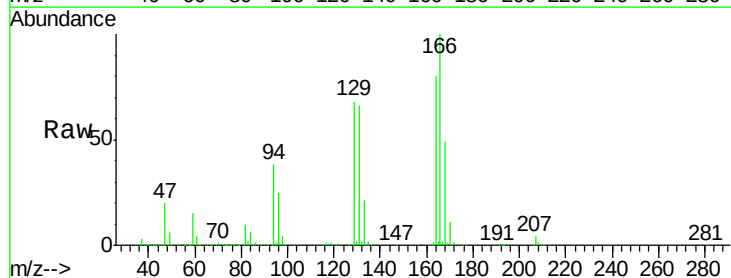
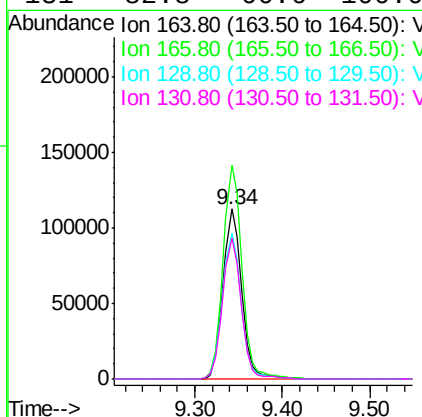
Manual Integrations  
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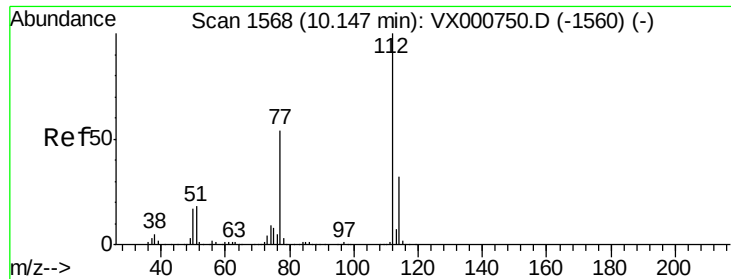
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 49.38 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 166344 |       |       |
| 166     | 125.6 |        | 102.8 | 154.2 |
| 129     | 85.6  |        | 68.5  | 102.7 |
| 131     | 82.8  |        | 66.6  | 100.0 |





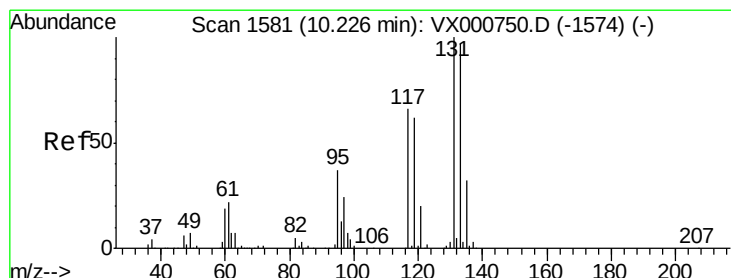
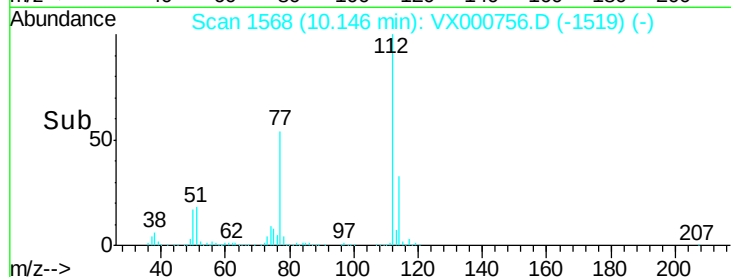
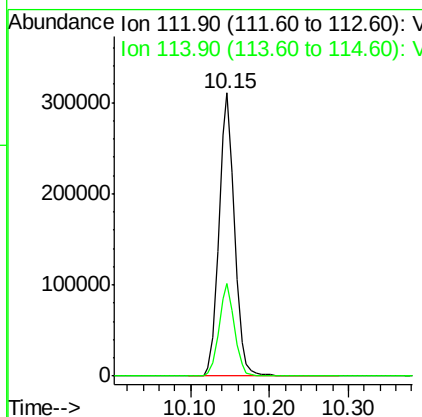
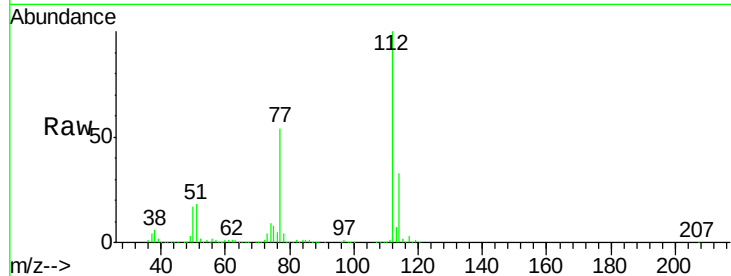
#65  
Chlorobenzene  
Concen: 49.04 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 425087  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.8

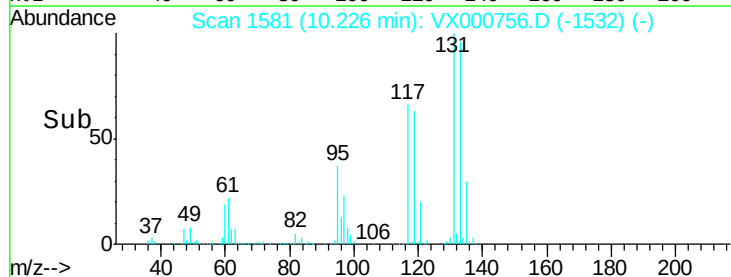
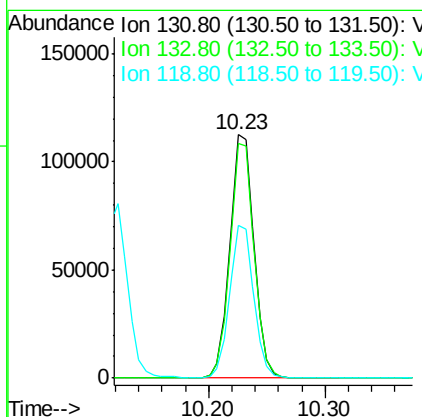
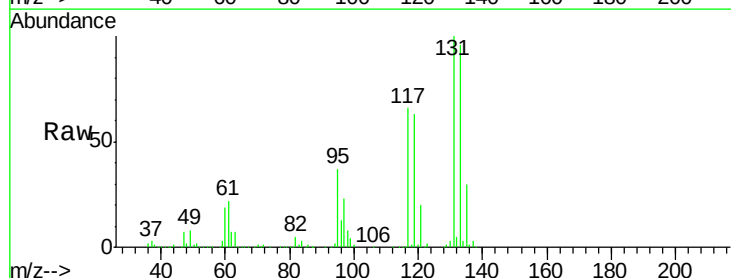
Manual Integrations  
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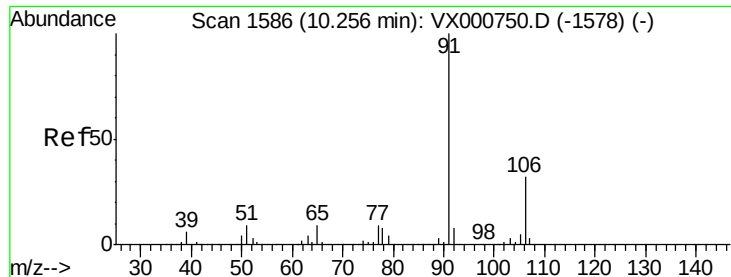
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.83 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Tgt Ion:131 Resp: 162552  
Ion Ratio Lower Upper  
131 100  
133 96.3 48.3 144.9  
119 62.7 31.4 94.0





#67

Ethyl Benzene

Concen: 49.14 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 710125

Ion Ratio Lower Upper

91 100

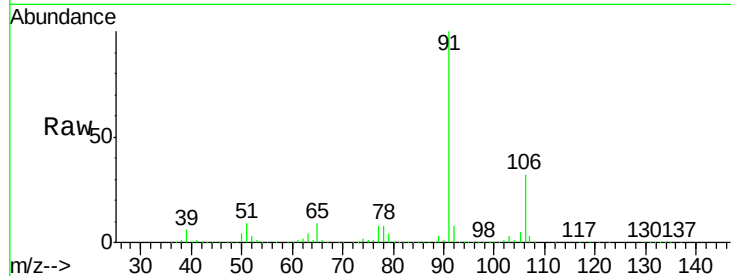
106 31.6 25.4 38.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX000750.D (-1578) (-)

800000

600000

400000

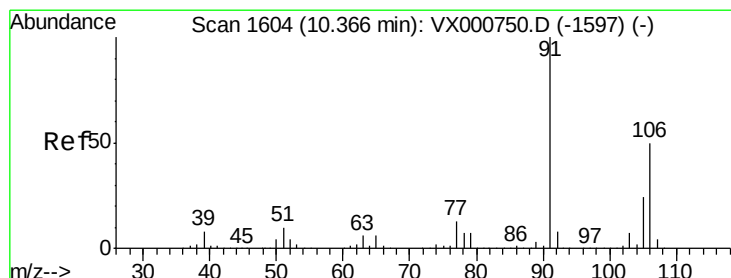
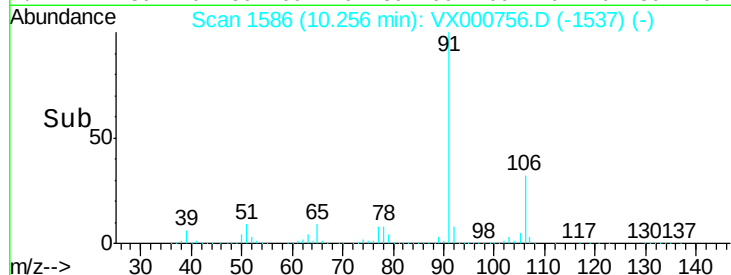
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 98.53 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000756.D

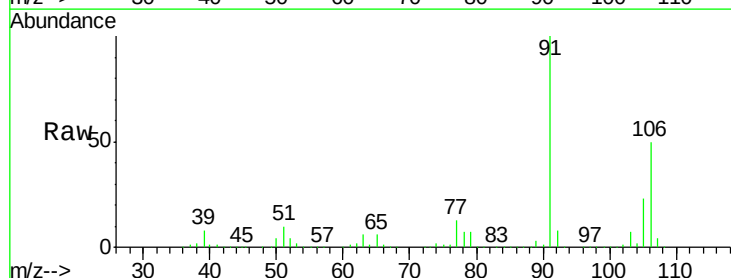
Acq: 10 Apr 2018 18:38

Tgt Ion: 106 Resp: 561999

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000750.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX000750.D (-1597) (-)

800000

600000

400000

200000

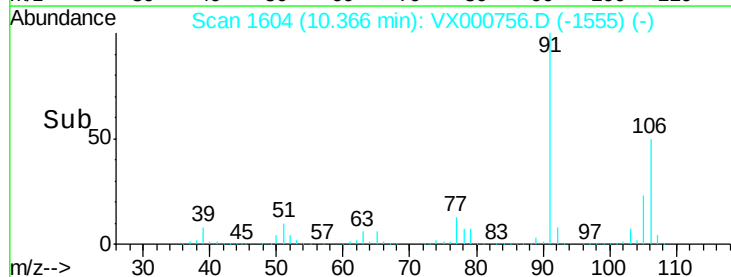
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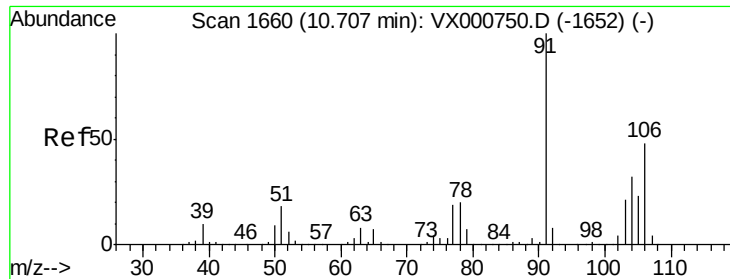
10.30

10.40

10.50

Time-->





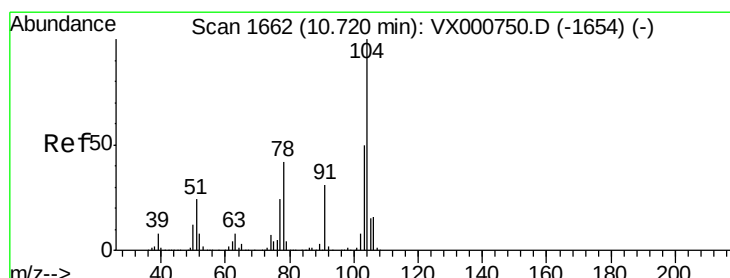
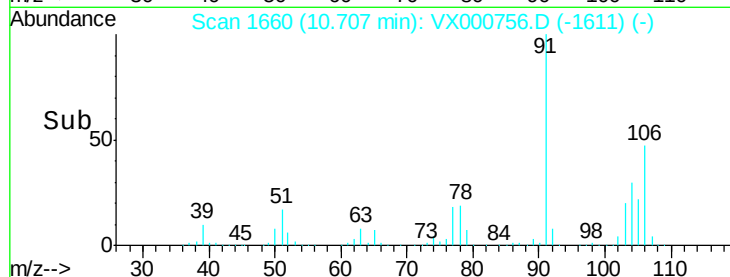
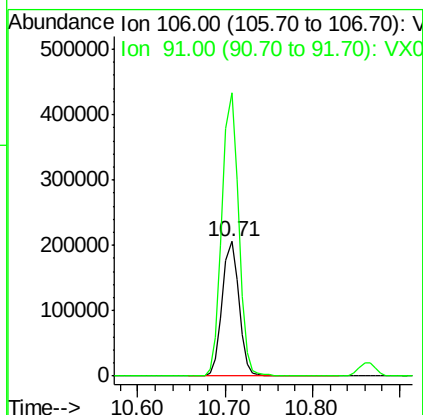
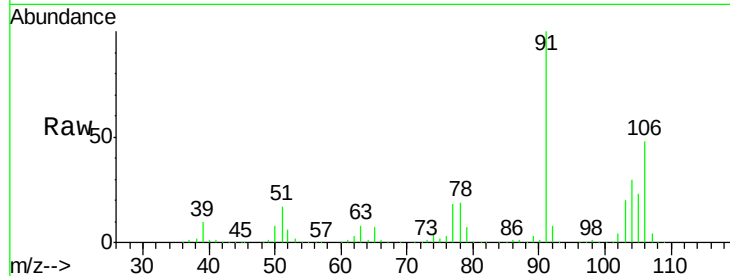
#69  
o-Xylene  
Concen: 49.70 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 273229  
Ion Ratio Lower Upper  
106 100  
91 209.6 105.0 315.0

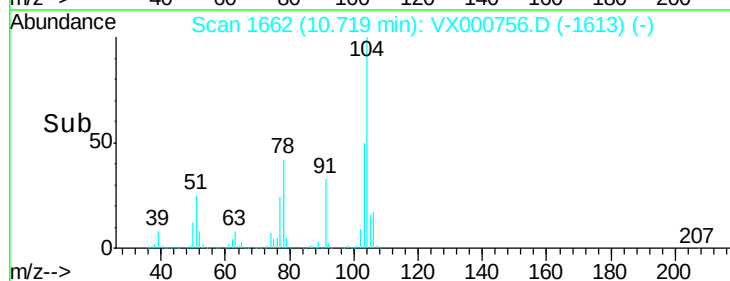
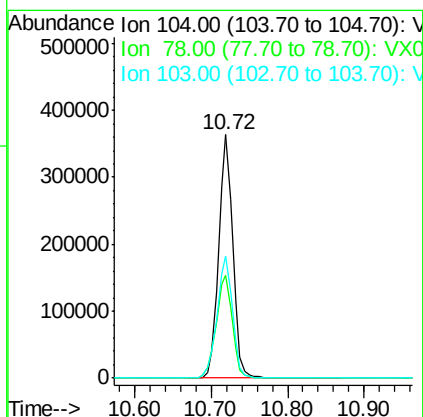
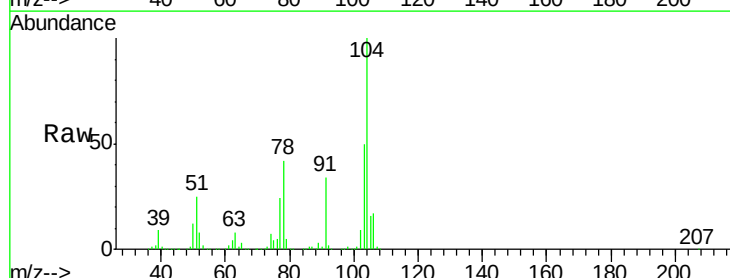
Manual Integrations  
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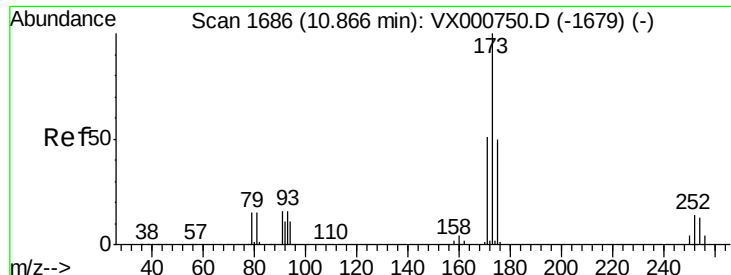
MMDadoda  
4/11/2018 11:20:46 AM



#70  
Styrene  
Concen: 49.86 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Tgt Ion:104 Resp: 462128  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.0 58.6  
103 55.1 44.1 66.1





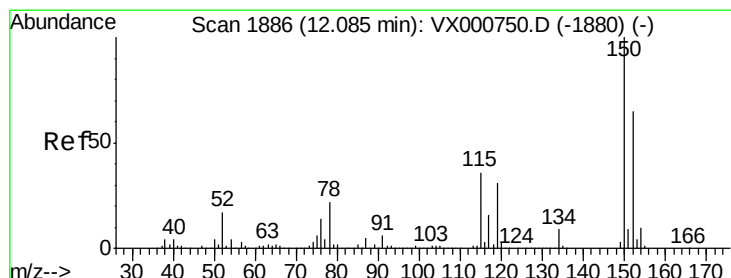
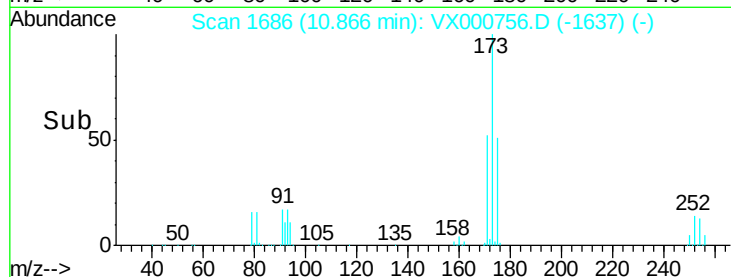
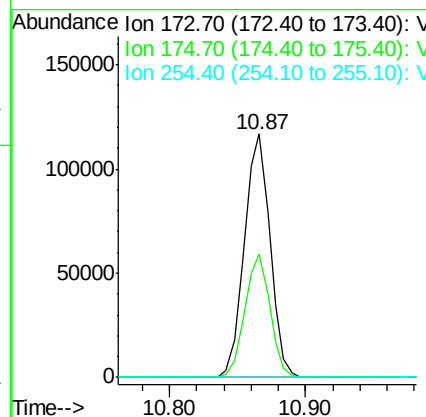
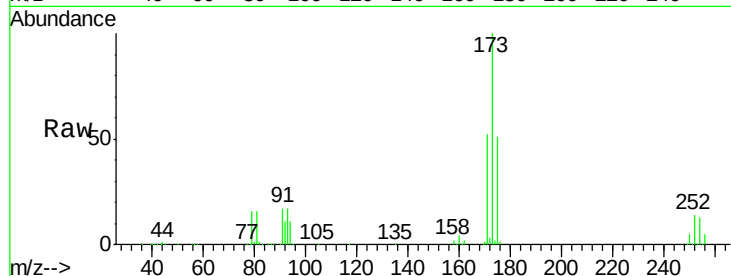
#71  
Bromoform  
Concen: 51.03 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.4  | 24.5  | 73.5  |
| 254     | 0.2   | 0.2   | 0.2   |

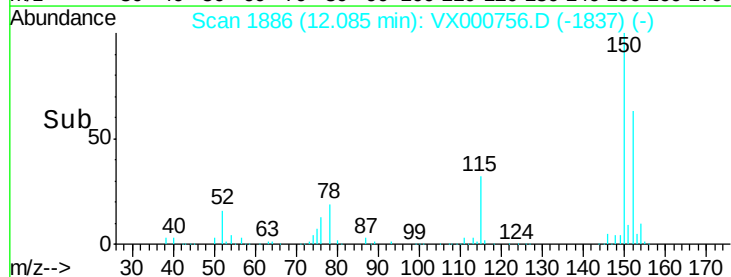
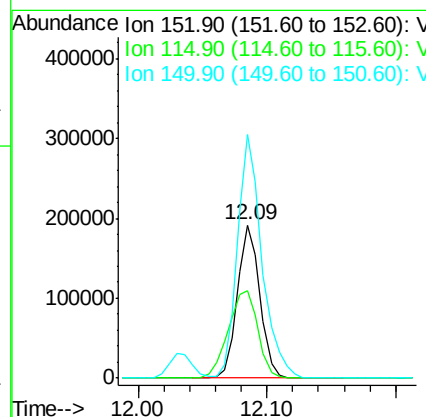
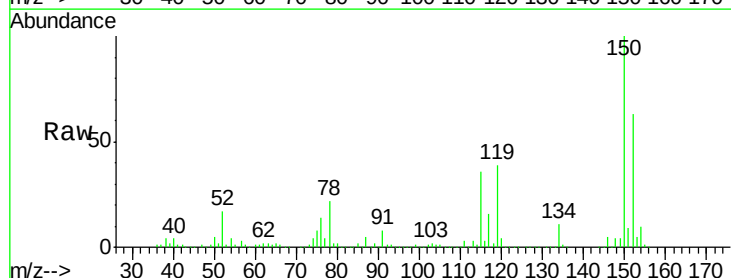
Manual Integrations  
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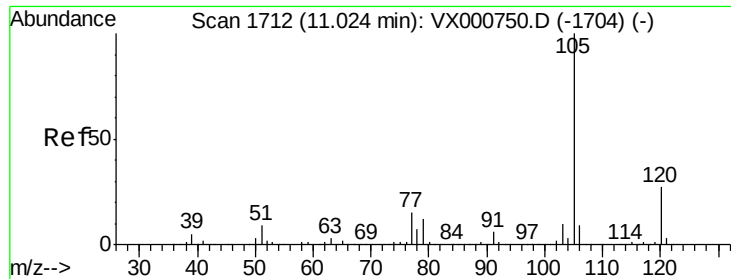


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 75.4  | 37.9  | 113.7 |
| 150     | 174.0 | 0.0   | 348.0 |







#73

Isopropylbenzene

Concen: 49.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 738079

Ion Ratio Lower Upper

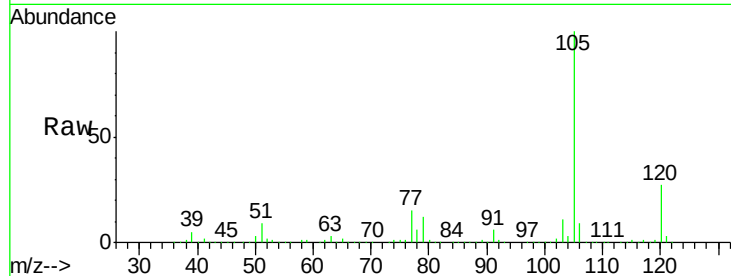
105 100

120 27.3 13.7 41.0

Manual Integrations  
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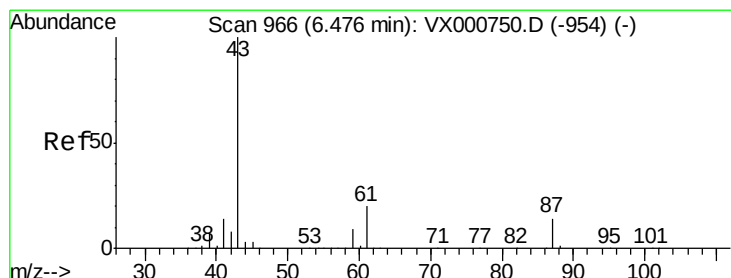
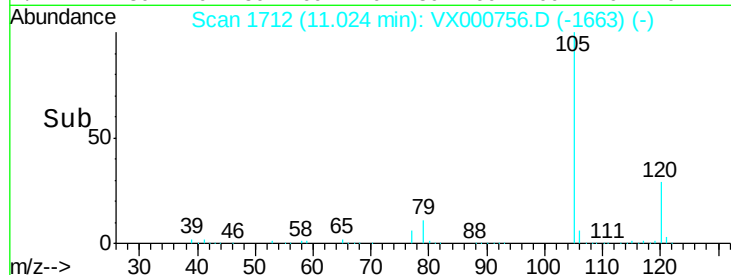
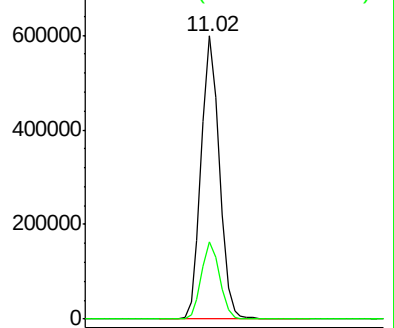
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.54 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Tgt Ion: 43 Resp: 336077

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

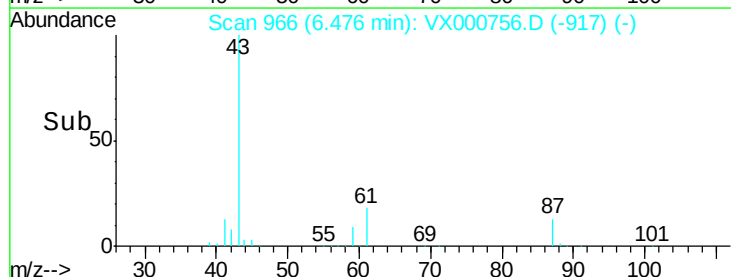
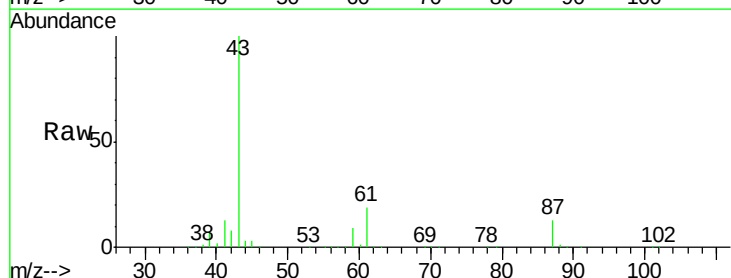
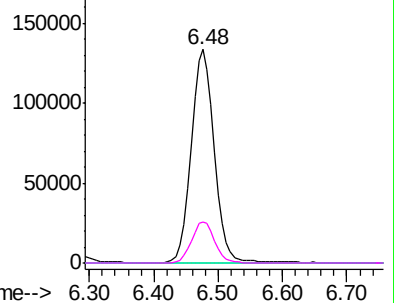
61 19.4 15.6 23.4

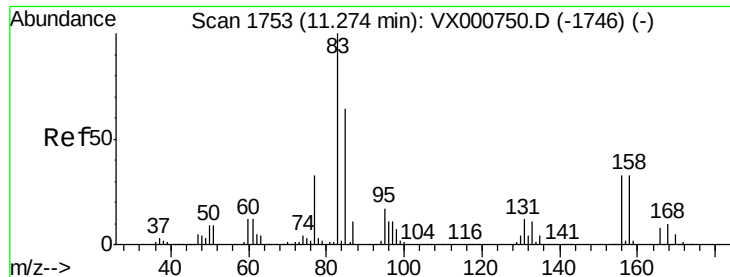
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.14 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 214859

Ion Ratio Lower Upper

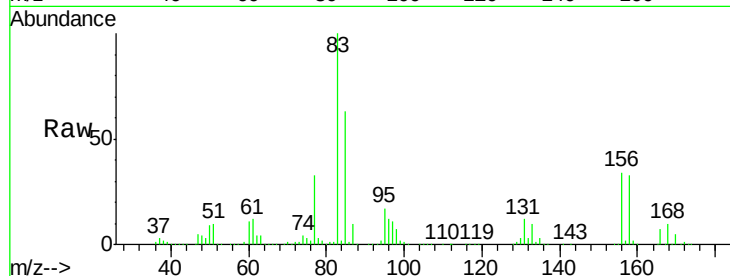
83 100

131 12.0 6.0 18.0

85 64.8 32.3 96.8

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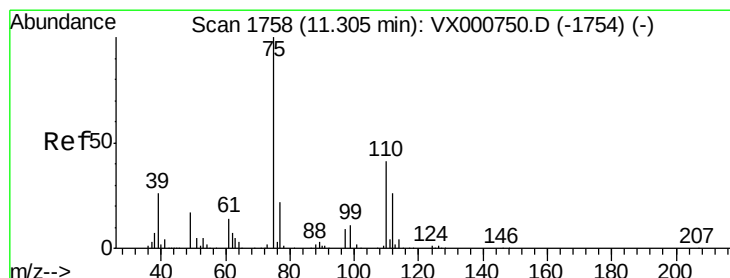
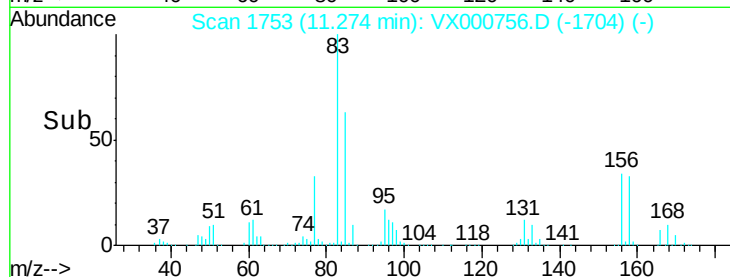
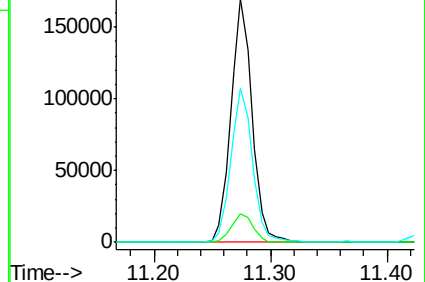
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.01 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000756.D

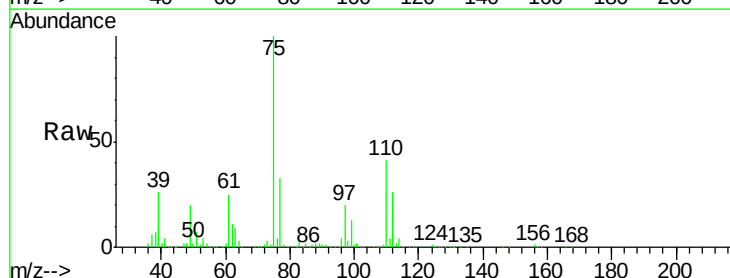
Acq: 10 Apr 2018 18:38

Tgt Ion: 75 Resp: 200740

Ion Ratio Lower Upper

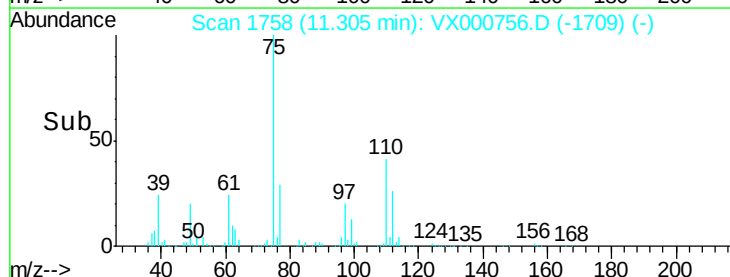
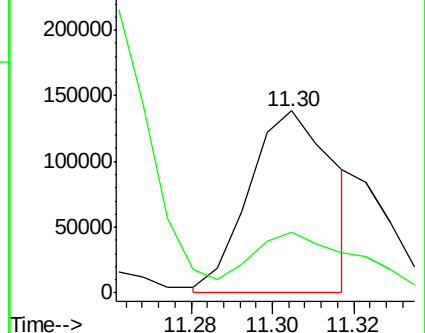
75 100

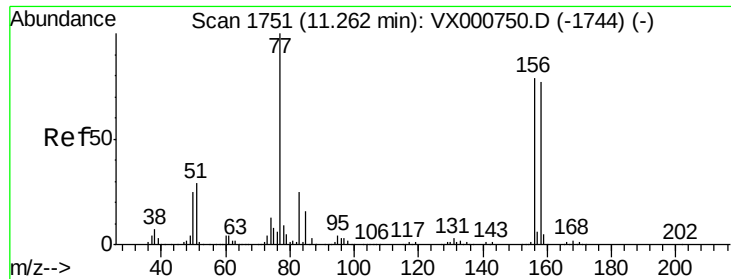
77 41.5 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

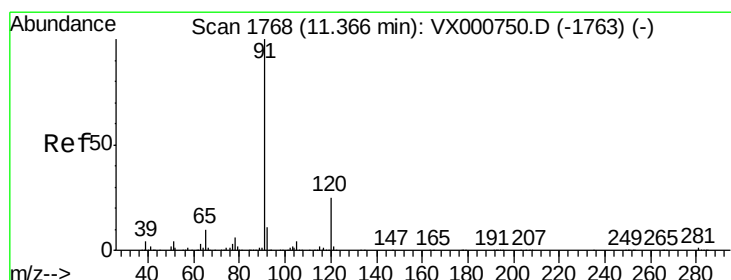
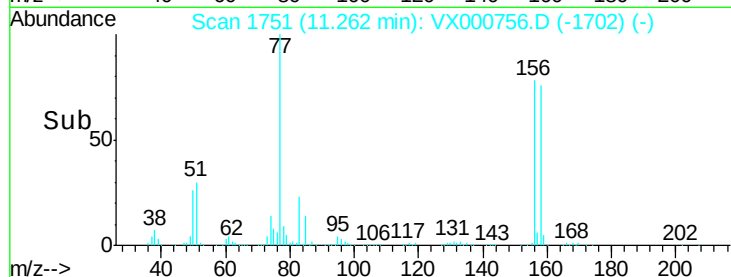
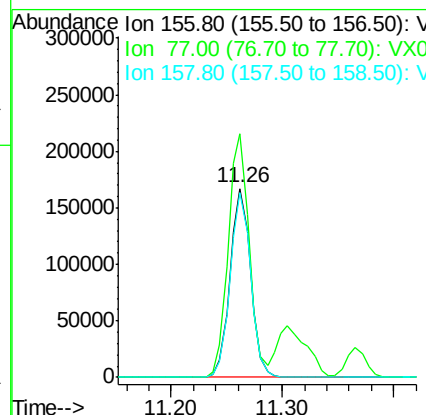
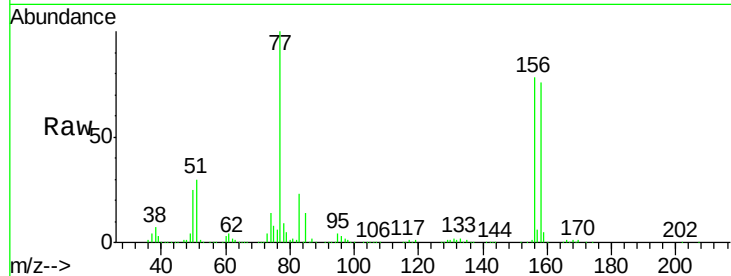
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 214061 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 131.0 | 66.0  | 198.2  |
| 158       | 97.5  | 48.8  | 146.4  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 49.05 ug/l

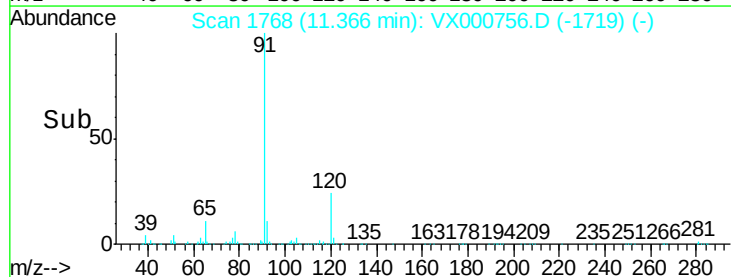
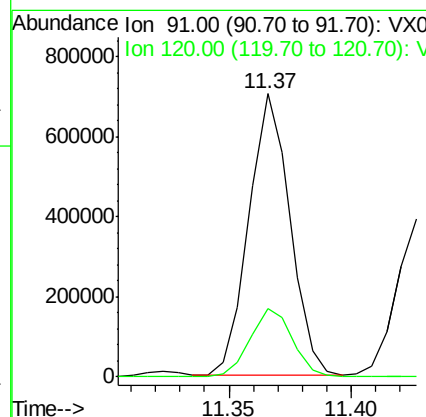
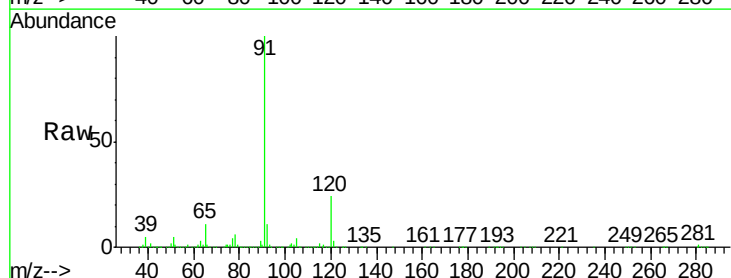
RT: 11.37 min Scan# 1768

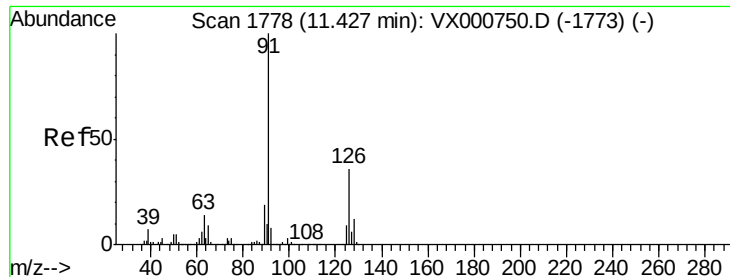
Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 828509 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 25.2  | 12.6  | 37.6   |





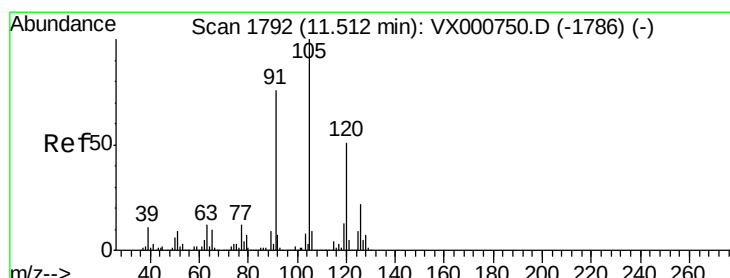
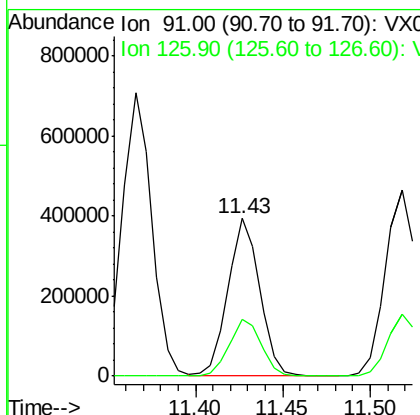
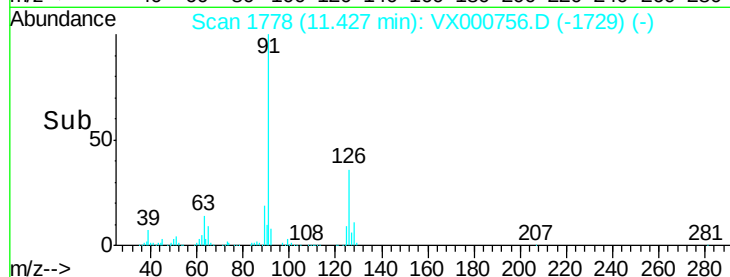
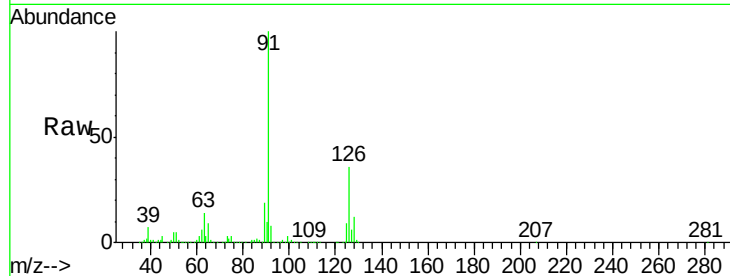
#79  
 2-Chlorotoluene  
 Concen: 49.16 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 490783  
 Ion Ratio Lower Upper  
 91 100  
 126 36.9 18.3 54.9

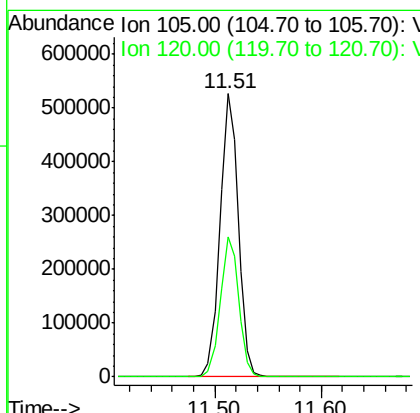
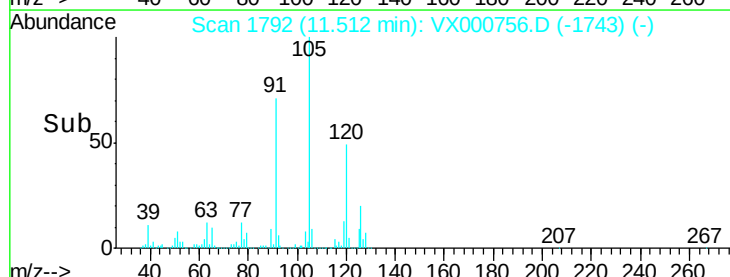
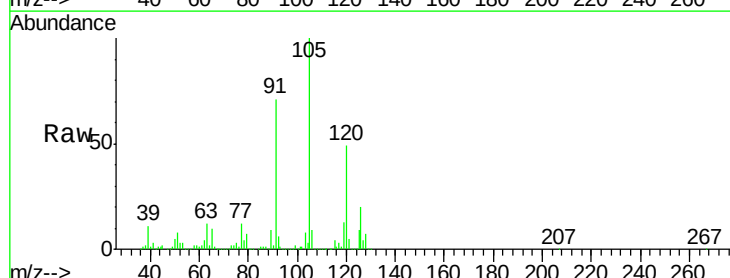
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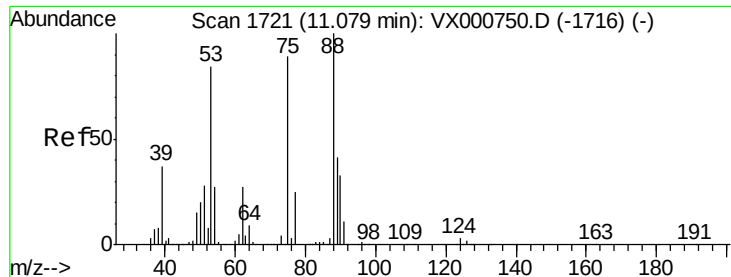
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.67 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Tgt Ion: 105 Resp: 630764  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 25.0 75.0





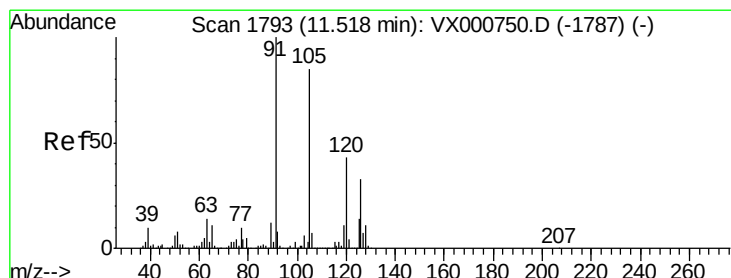
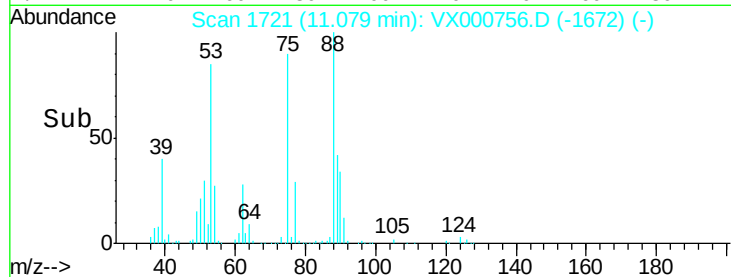
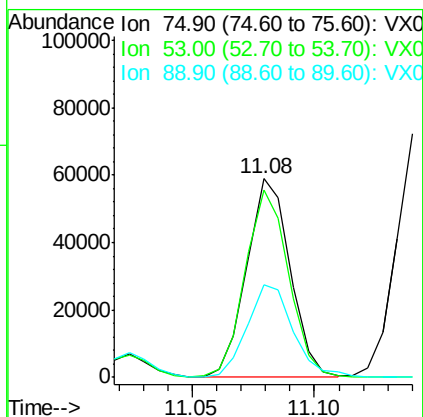
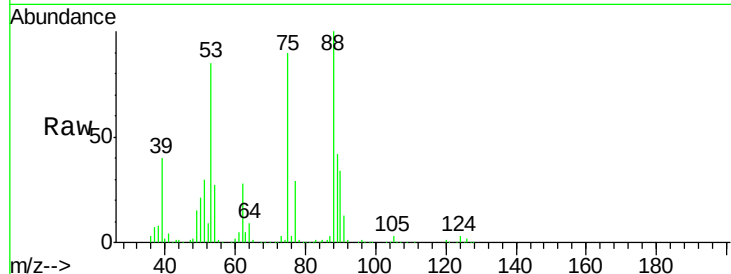
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.61 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.4  | 75.4  | 113.0 |
| 89      | 50.1  | 40.9  | 61.3  |

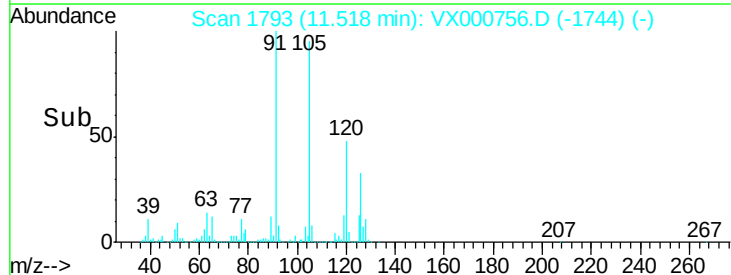
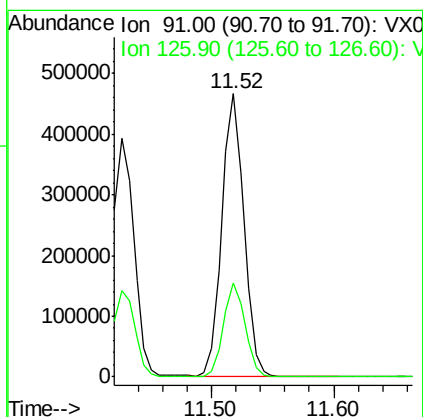
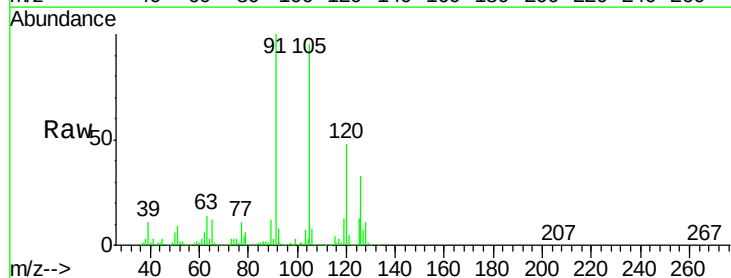
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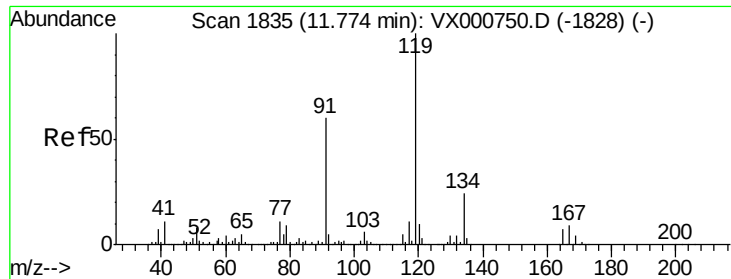
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 48.73 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.3  | 16.2  | 48.6  |





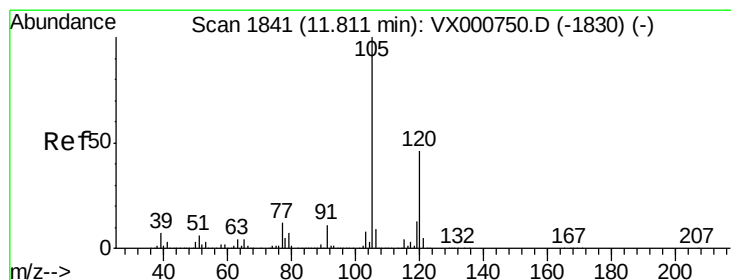
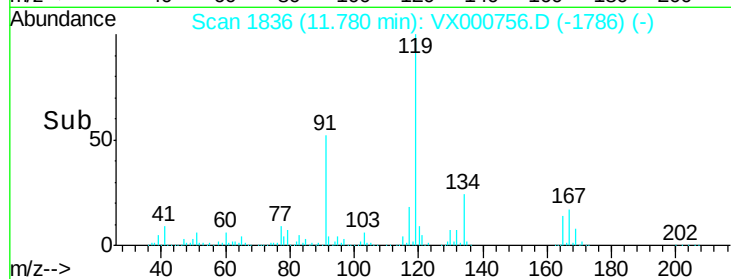
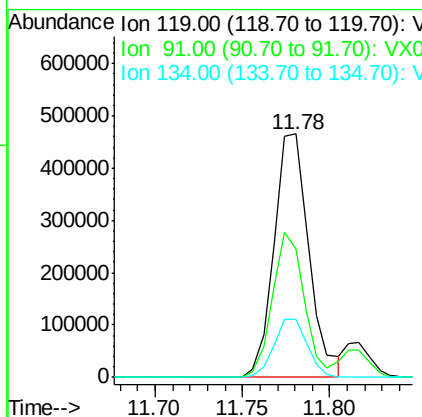
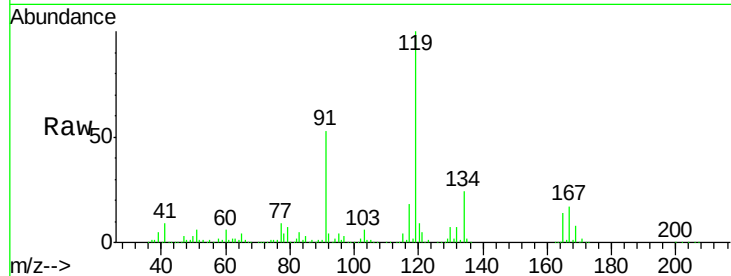
#83  
 tert-Butylbenzene  
 Concen: 49.98 ug/l  
 RT: 11.78 min Scan# 1836  
 Delta R.T. 0.01 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 53.7  | 26.8  | 80.3  |
| 134     | 23.0  | 11.5  | 34.4  |

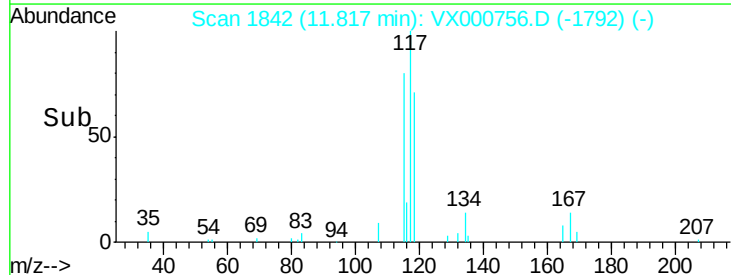
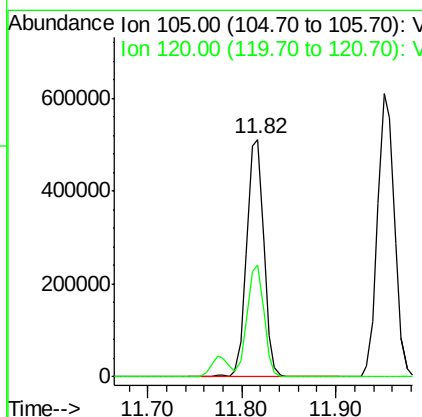
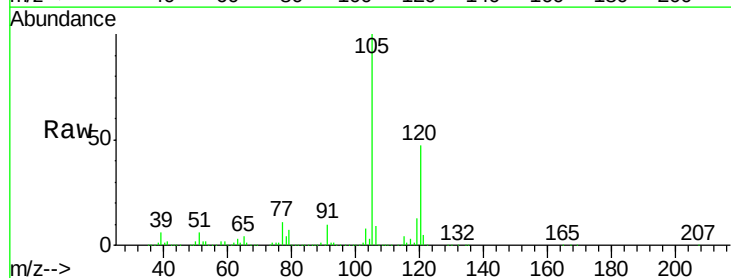
Manual Integrations  
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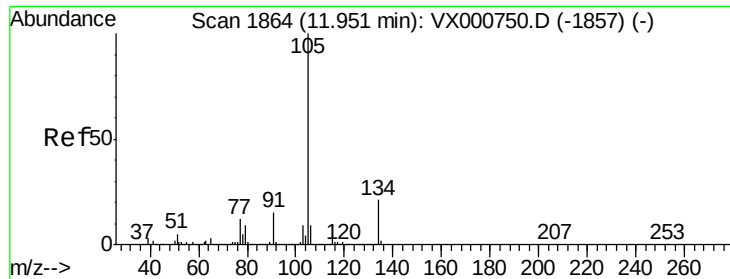
MMDadoda  
 4/11/2018 11:20:46 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.69 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. 0.01 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 49.63 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 760766

Ion Ratio Lower Upper

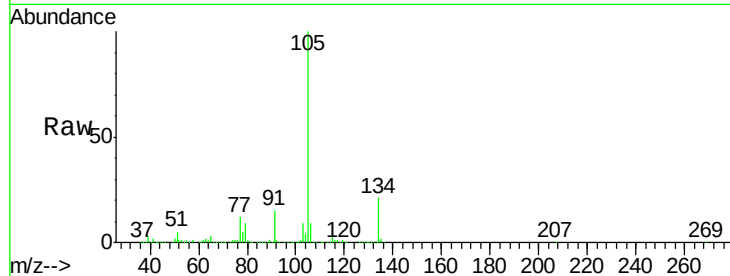
105 100

134 21.5 10.8 32.4

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

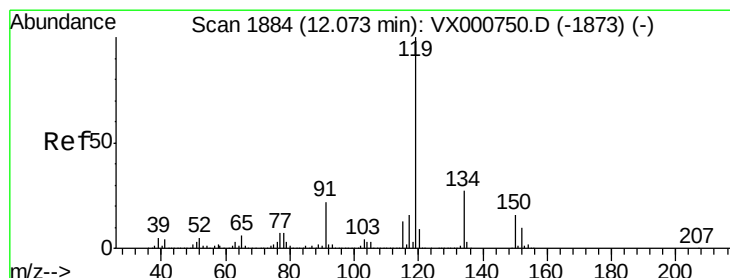
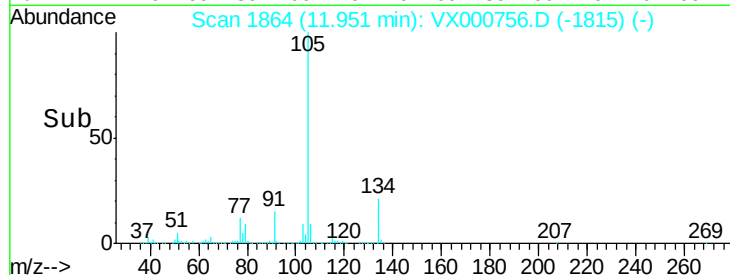
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 49.38 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

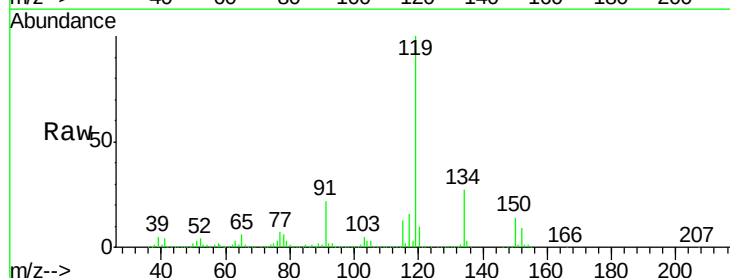
Tgt Ion:119 Resp: 705785

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.4 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

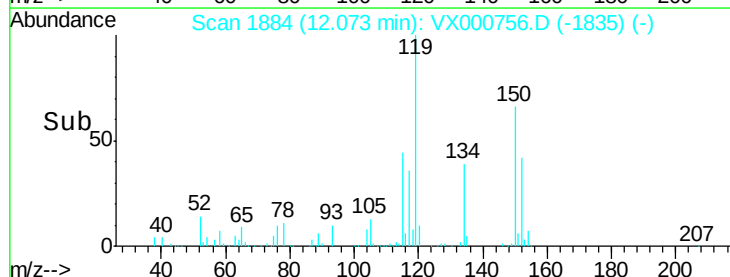
400000

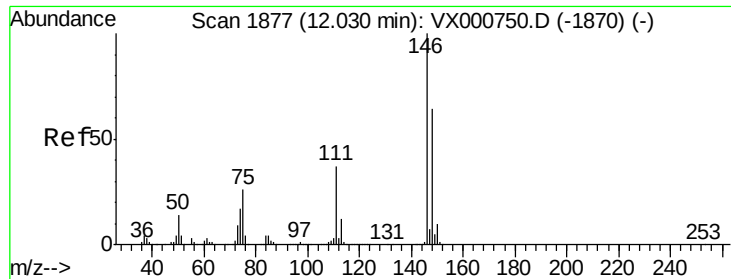
200000

0

12.00 12.10 12.20

Time-->





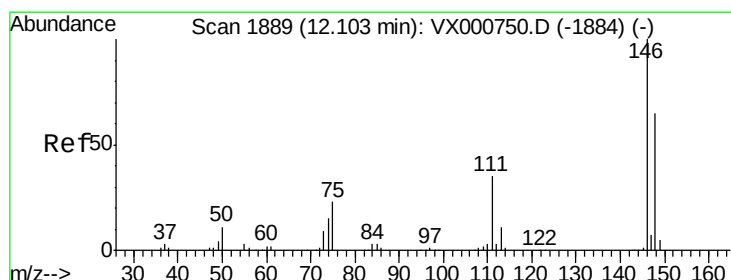
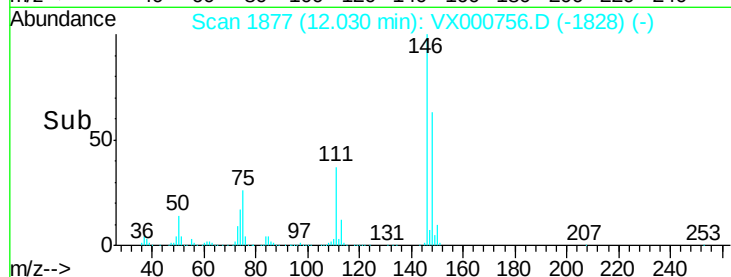
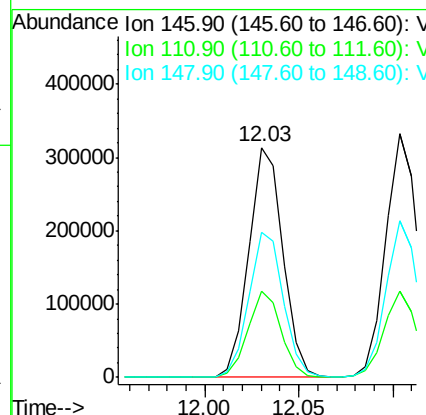
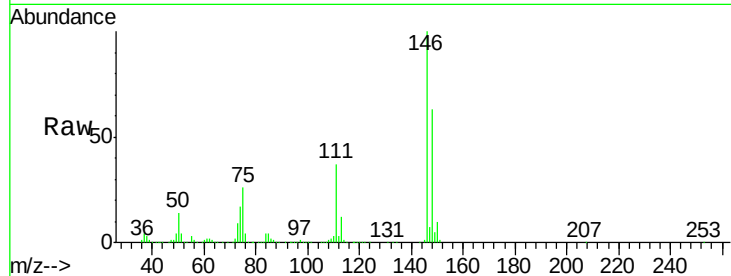
#87  
 1,3-Dichlorobenzene  
 Concen: 49.16 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 393812 |       |       |
| 111     | 36.5  | 18.3   | 54.8  |       |
| 148     | 63.9  | 32.2   | 96.6  |       |

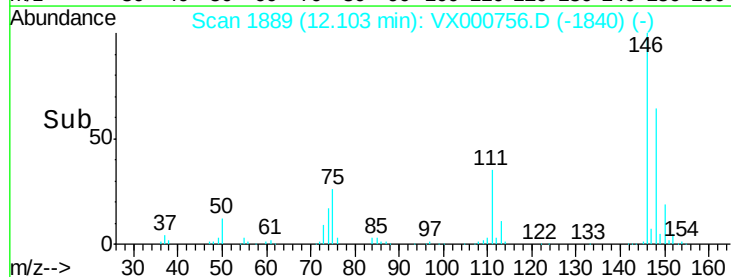
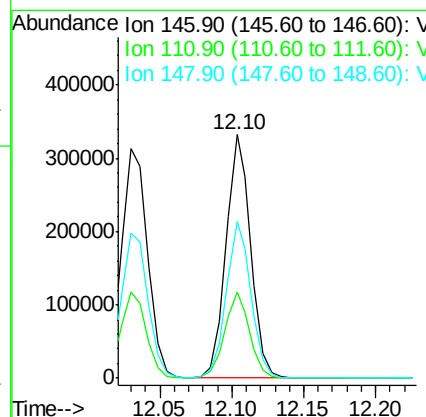
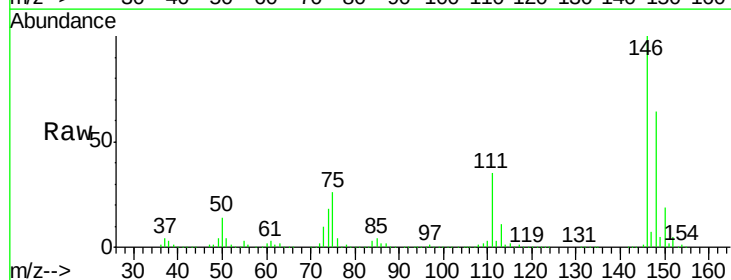
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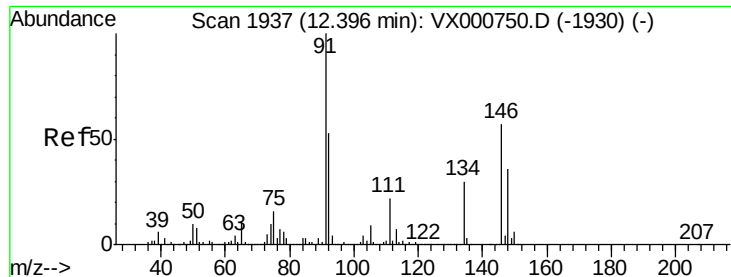


#88  
 1,4-Dichlorobenzene  
 Concen: 48.71 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 399897 |       |       |
| 111     | 35.8  | 17.9   | 53.8  |       |
| 148     | 64.5  | 32.6   | 97.7  |       |







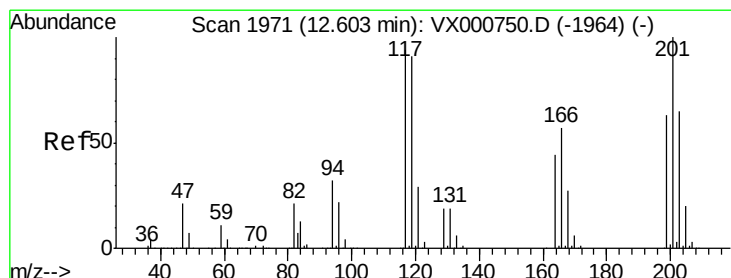
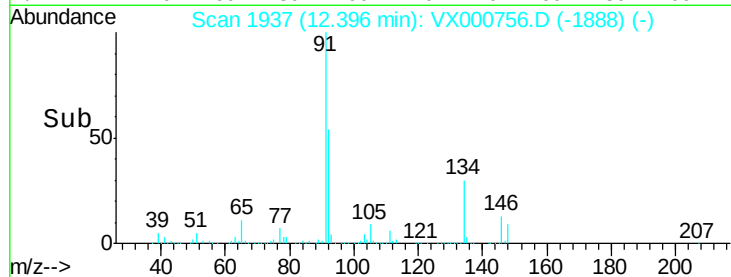
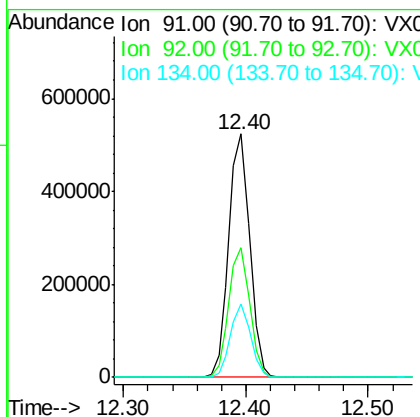
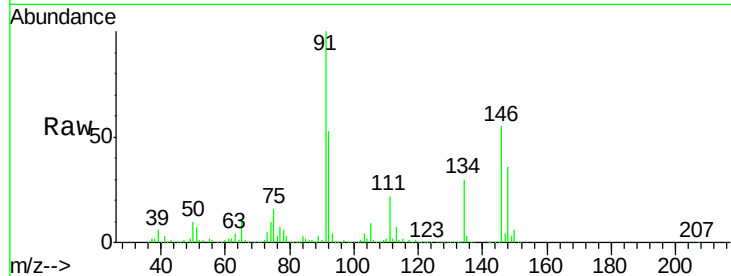
#89  
n-Butylbenzene  
Concen: 49.11 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.5  | 79.5  |
| 134     | 29.0  | 14.5  | 43.5  |

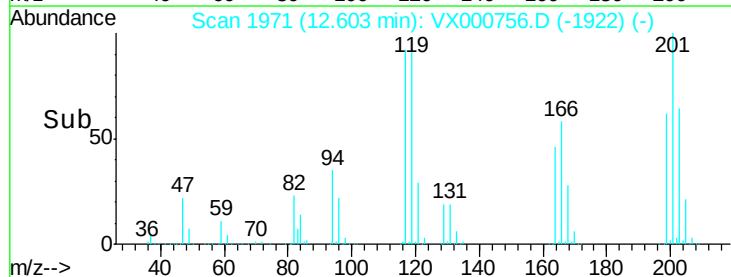
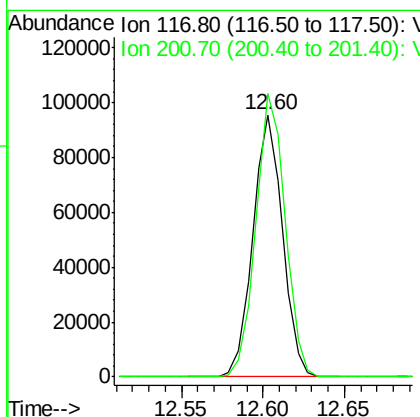
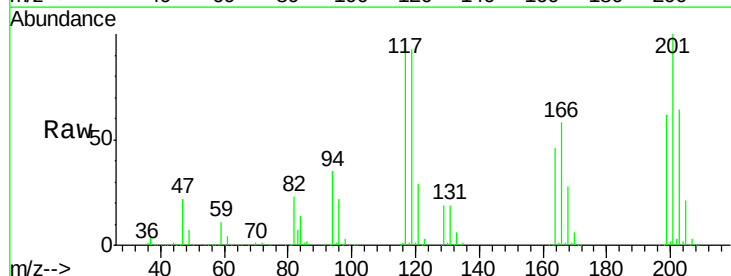
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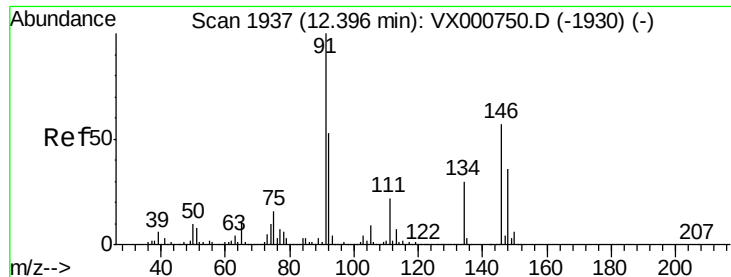
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#90  
Hexachloroethane  
Concen: 49.89 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX000756.D  
Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 107.1 | 52.9  | 158.7 |





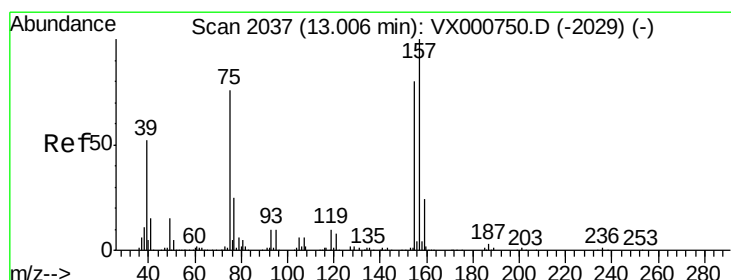
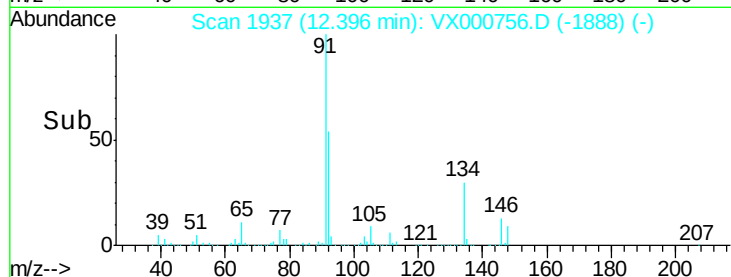
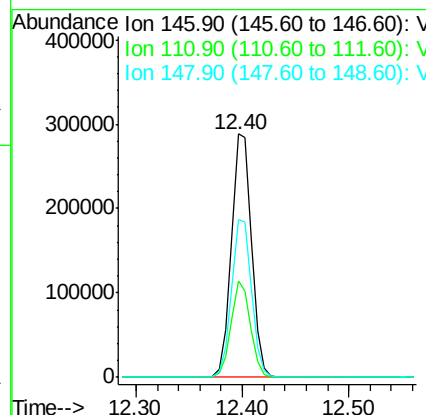
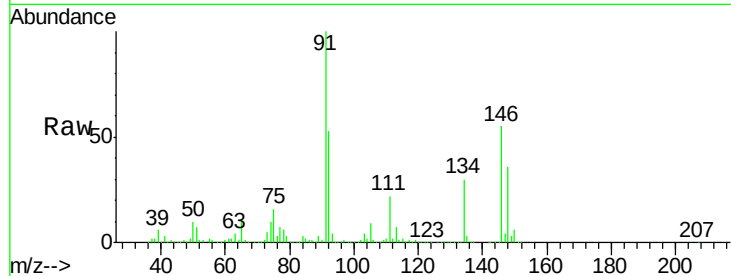
#91  
 1,2-Dichlorobenzene  
 Concen: 49.46 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.9  | 56.7  |
| 148     | 64.6  | 32.0  | 96.2  |

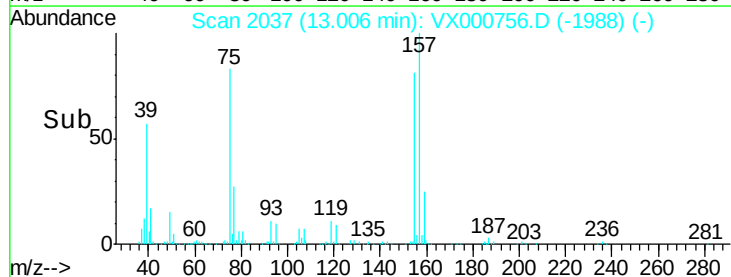
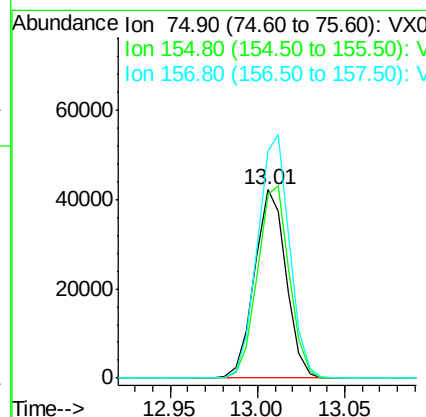
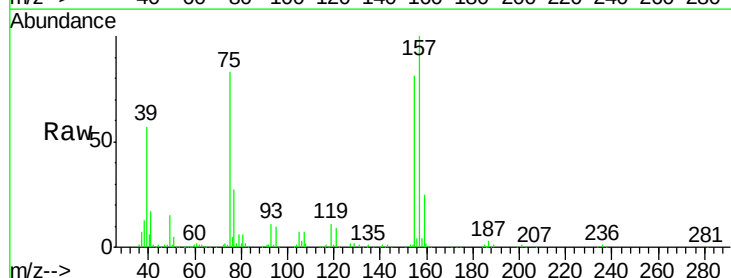
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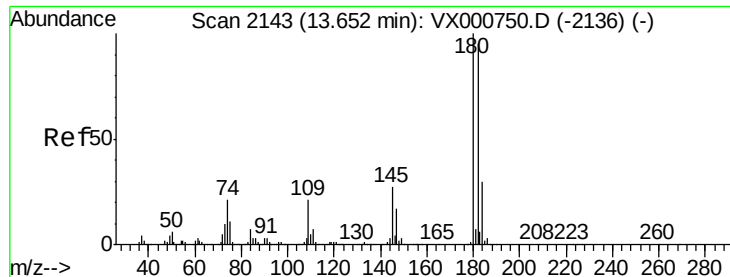
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.62 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.1 | 51.9  | 155.8 |
| 157     | 130.5 | 66.6  | 199.8 |





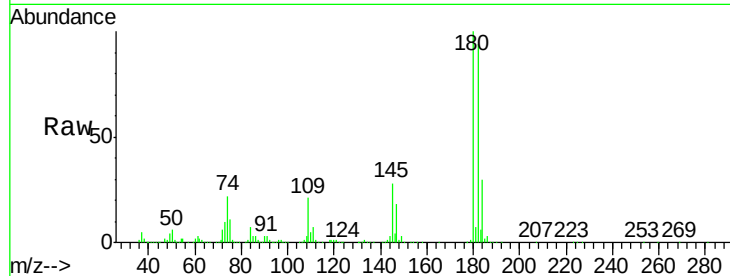
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.09 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

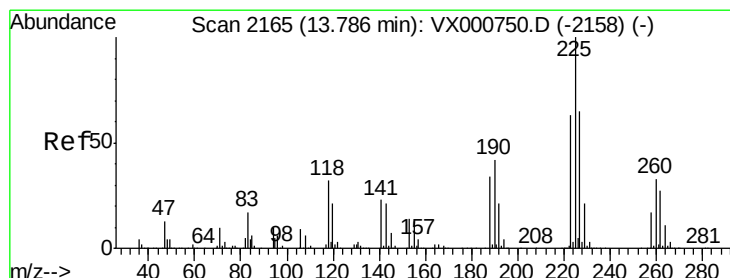
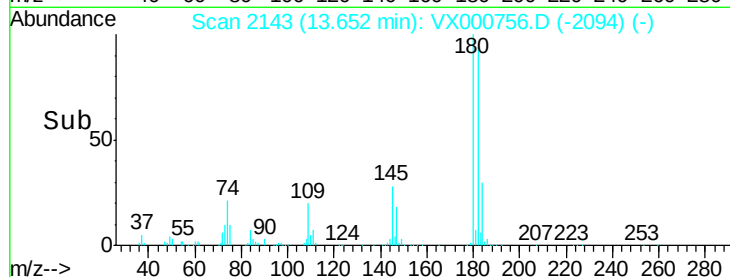
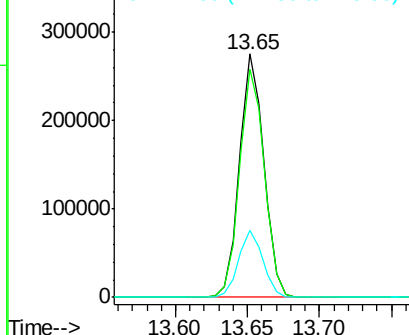
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.4  | 47.5 | 142.5 |       |
| 145     | 27.6  | 13.8 | 41.4  |       |

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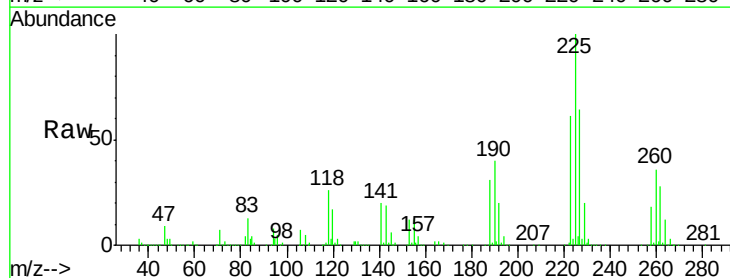


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

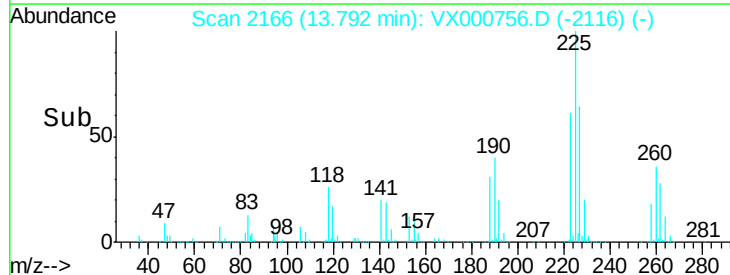
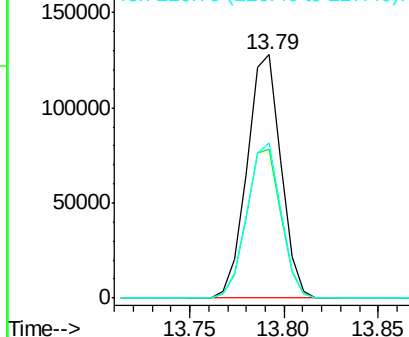


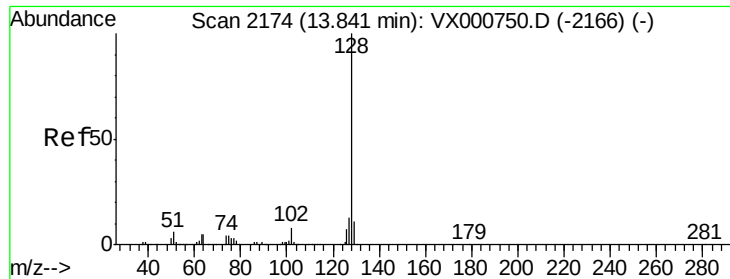
#94  
 Hexachlorobutadiene  
 Concen: 49.27 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. 0.01 min  
 Lab File: VX000756.D  
 Acq: 10 Apr 2018 18:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.3  | 31.2 | 93.6  |       |
| 227     | 64.0  | 32.3 | 96.9  |       |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

Instrument :

MSVOA\_X

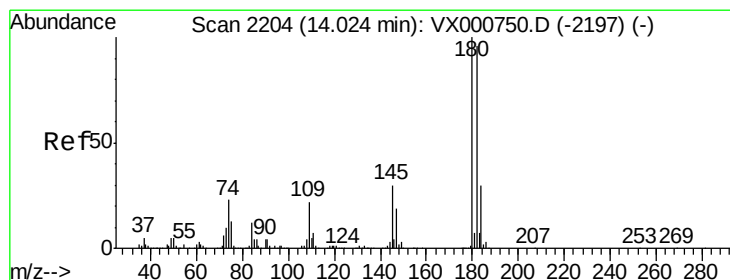
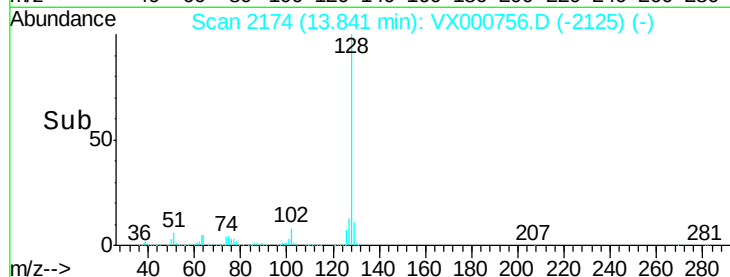
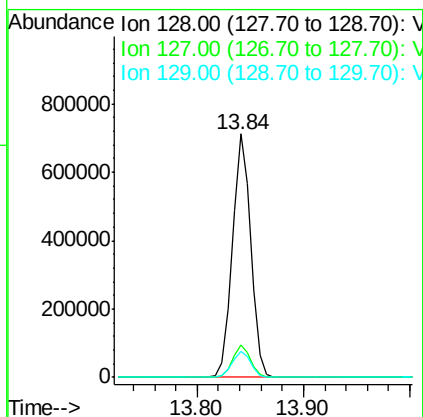
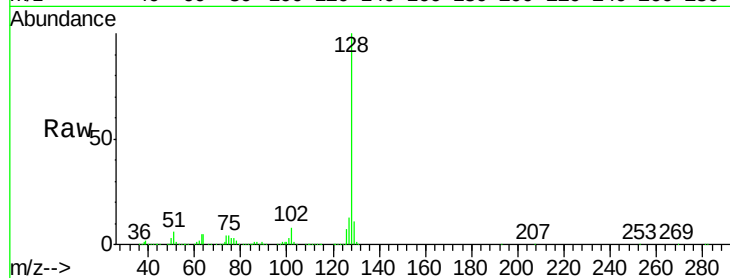
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 858206 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.4  | 15.6   |
| 129       | 10.8  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 49.62 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000756.D

Acq: 10 Apr 2018 18:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 318018 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 48.4  | 145.2  |
| 145       | 29.3  | 14.6  | 43.8   |

