

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\  
 Data File : VX003277.D  
 Acq On : 10 Jul 2018 06:17  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 09 15:24:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 242453   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 314148   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 291969   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 208604   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 192854   | 50.54 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.08% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 163637   | 48.49 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.98%  |      |
| 50) Toluene-d8              | 8.72   | 98  | 599348   | 50.00 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.00% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 223795   | 50.52 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.04% |      |

|                               |      |     |         |        |        |     |
|-------------------------------|------|-----|---------|--------|--------|-----|
| Target Compounds              |      |     |         |        | Qvalue |     |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 191983  | 52.08  | ug/l   | 98  |
| 3) Chloromethane              | 1.32 | 50  | 168890  | 50.40  | ug/l   | 99  |
| 4) Vinyl Chloride             | 1.40 | 62  | 168264  | 48.92  | ug/l   | 100 |
| 5) Bromomethane               | 1.64 | 94  | 55566   | 54.76  | ug/l   | 98  |
| 6) Chloroethane               | 1.71 | 64  | 93686   | 49.16  | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 252085  | 49.30  | ug/l   | 99  |
| 8) Diethyl Ether              | 2.19 | 74  | 89624   | 48.49  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 144551  | 48.28  | ug/l   | 96  |
| 10) Methyl Iodide             | 2.51 | 142 | 151486  | 46.30  | ug/l   | 97  |
| 11) Tert butyl alcohol        | 3.09 | 59  | 193507  | 279.73 | ug/l   | 98  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 132587  | 48.66  | ug/l   | 91  |
| 13) Acrolein                  | 2.29 | 56  | 115078  | 206.44 | ug/l   | 99  |
| 14) Allyl chloride            | 2.73 | 41  | 239107  | 47.38  | ug/l   | 94  |
| 15) Acrylonitrile             | 3.15 | 53  | 405769  | 262.69 | ug/l   | 99  |
| 16) Acetone                   | 2.45 | 43  | 380615  | 280.97 | ug/l   | 96  |
| 17) Carbon Disulfide          | 2.57 | 76  | 364628  | 48.16  | ug/l   | 99  |
| 18) Methyl Acetate            | 2.78 | 43  | 219989  | 57.57  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 453925  | 49.88  | ug/l   | 99  |
| 20) Methylene Chloride        | 2.85 | 84  | 146571  | 52.84  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 141894  | 48.86  | ug/l   | 96  |
| 22) Diisopropyl ether         | 3.88 | 45  | 472814  | 46.05  | ug/l   | 98  |
| 23) Vinyl Acetate             | 3.83 | 43  | 2042546 | 234.32 | ug/l   | 98  |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 266583  | 49.89  | ug/l   | 99  |
| 25) 2-Butanone                | 4.72 | 43  | 640599  | 267.25 | ug/l   | 95  |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 107681  | 23.04  | ug/l   | 92  |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 172187  | 48.24  | ug/l   | 93  |
| 28) Bromochloromethane        | 5.03 | 49  | 134620  | 50.00  | ug/l   | 89  |
| 29) Tetrahydrofuran           | 5.17 | 42  | 407692  | 262.05 | ug/l   | 96  |
| 30) Chloroform                | 5.22 | 83  | 292931  | 49.83  | ug/l   | 100 |
| 31) Cyclohexane               | 5.57 | 56  | 248546  | 49.67  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 261564  | 50.44  | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 214523  | 48.24  | ug/l   | 99  |
| 37) Ethyl Acetate             | 4.87 | 43  | 238061  | 48.83  | ug/l   | 98  |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 236730  | 48.66  | ug/l   | 99  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 09 15:24:16 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 246634   | 47.08   | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 643730   | 48.85   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 135406   | 50.73   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 236597   | 48.05   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 383305   | 50.07   | ug/l   | 97       |
| 44) Trichloroethene            | 7.22  | 130  | 189574   | 48.64   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 162460   | 47.41   | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 113804   | 48.73   | ug/l   | 94       |
| 47) Bromodichloromethane       | 7.90  | 83   | 216127   | 50.16   | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.79  | 41   | 203807   | 51.91   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 87220    | 1062.39 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 1268632  | 266.17  | ug/l   | 97       |
| 52) Toluene                    | 8.79  | 92   | 413085   | 49.58   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 230744   | 45.51   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 212376   | 46.02   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 168435   | 48.74   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 247195   | 52.22   | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 271330   | 48.74   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 617487   | 270.42  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.50  | 43   | 981507   | 271.13  | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.59  | 129  | 180855   | 50.12   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 179661   | 49.60   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 226337   | 51.28   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 473250   | 47.70   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 177456   | 49.58   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 796420   | 49.64   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 626128   | 100.32  | ug/l   | 97       |
| 69) o-Xylene                   | 10.70 | 106  | 303467   | 50.19   | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 498087   | 50.80   | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 148349   | 50.37   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 820251   | 49.80   | ug/l   | 99       |
| 74) N-amyl acetate             | 6.48  | 43   | 383305   | 48.79   | ug/l # | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 250456   | 49.03   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 241455m  | 53.56   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 229849   | 48.34   | ug/l   | 95       |
| 78) n-propylbenzene            | 11.37 | 91   | 917685   | 50.11   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 545080   | 48.86   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 686476   | 50.06   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 56388    | 40.88   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 639826   | 49.12   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 665928   | 48.61   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 709176   | 50.50   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 808991   | 49.96   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 734274   | 49.77   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 417843   | 47.90   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 420162   | 47.58   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 597226   | 48.46   | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 112211   | 49.82   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 420600   | 48.02   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 57711    | 52.65   | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\  
Data File : VX003277.D  
Acq On : 10 Jul 2018 06:17  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

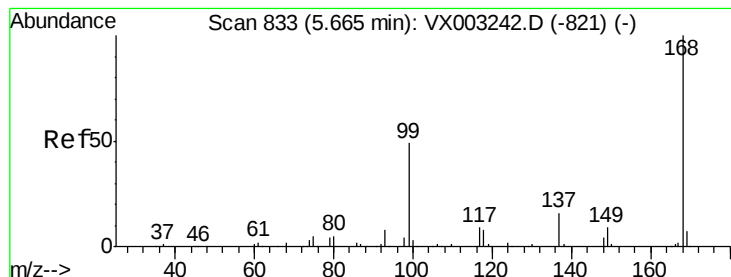
MMDadoda  
7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X070918W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 09 15:24:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 305785   | 47.97 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 148243   | 46.71 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 882433   | 52.91 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 323956   | 50.95 | ug/l  | 100      |

(#) = 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. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 242453

Ion Ratio Lower Upper

168 100

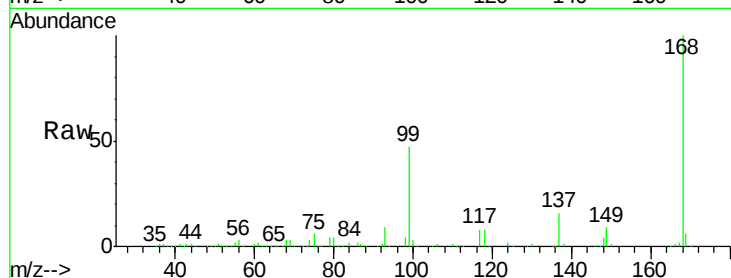
99 46.8 39.3 58.9

Manual Integrations

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7/10/2018 3:11:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

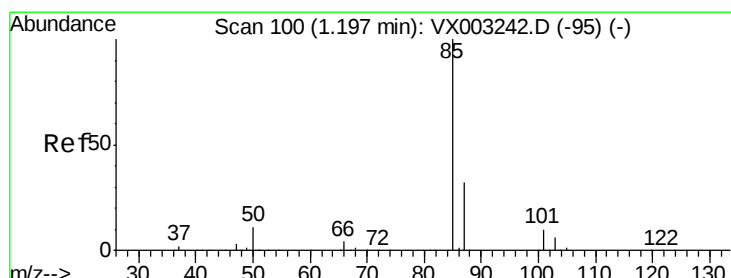
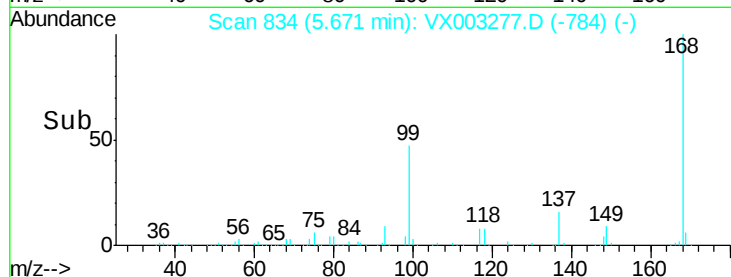
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003277.D

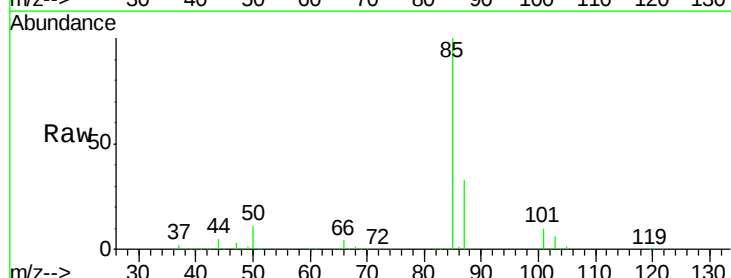
Acq: 10 Jul 2018 06:17

Tgt Ion: 85 Resp: 191983

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

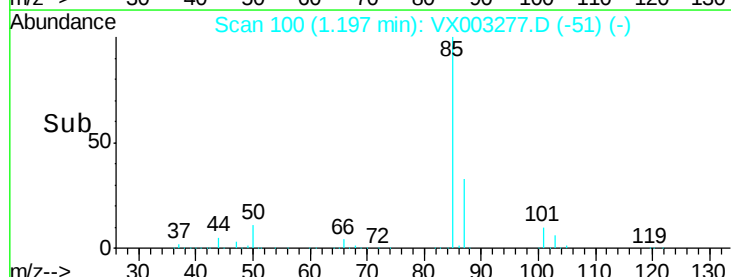
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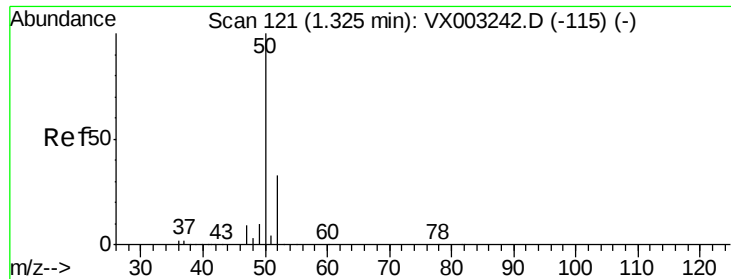
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 50.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 168890

Ion Ratio Lower Upper

50 100

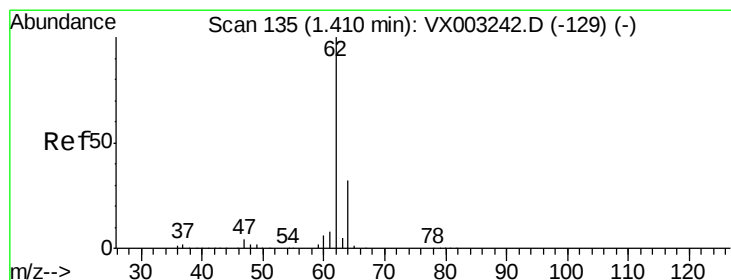
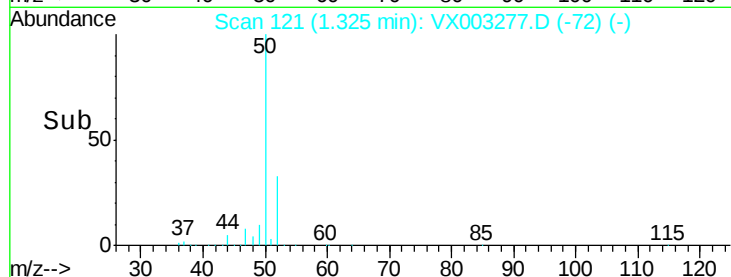
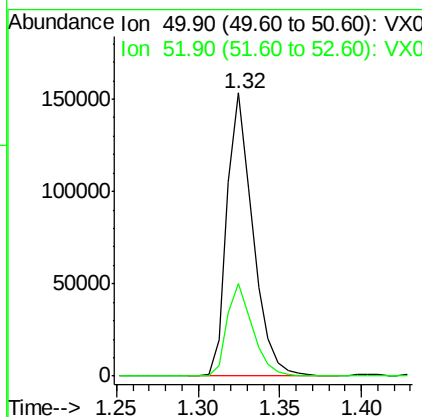
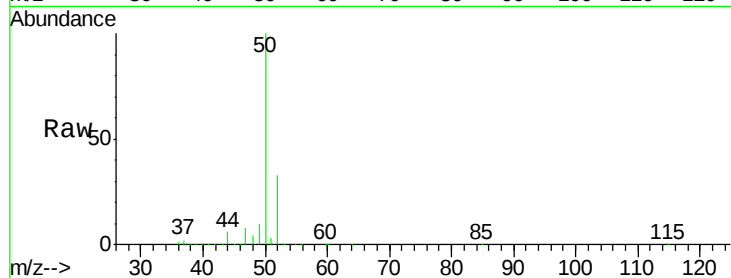
52 32.8 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

7/10/2018 3:11:57 PM



#4

Vinyl Chloride

Concen: 48.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003277.D

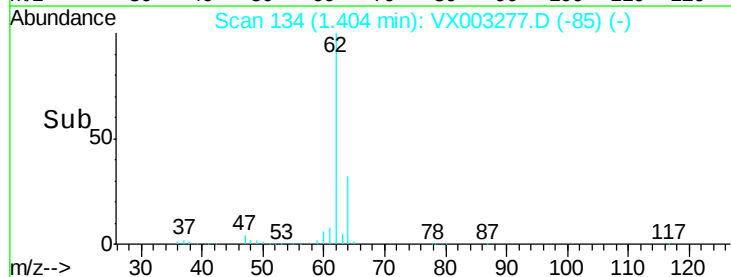
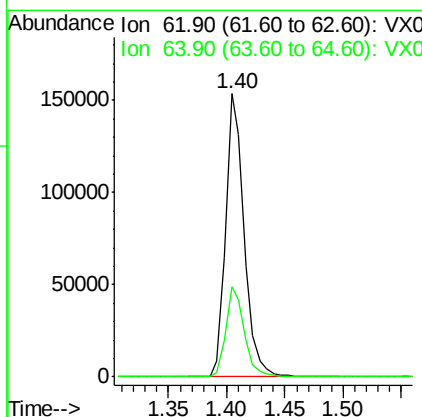
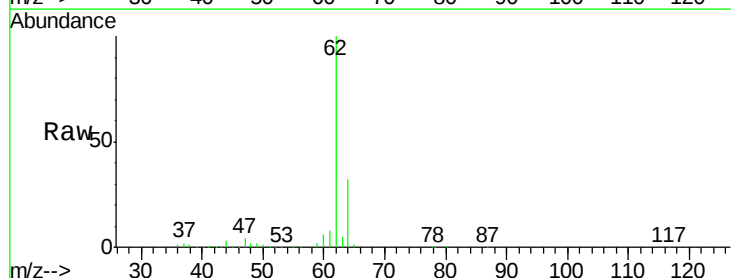
Acq: 10 Jul 2018 06:17

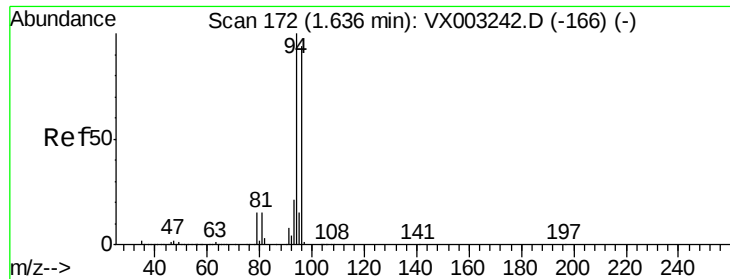
Tgt Ion: 62 Resp: 168264

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 54.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 55566

Ion Ratio Lower Upper

94 100

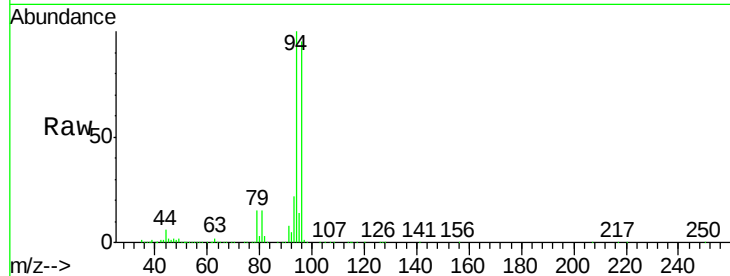
96 95.2 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

7/10/2018 3:11:57 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

30000

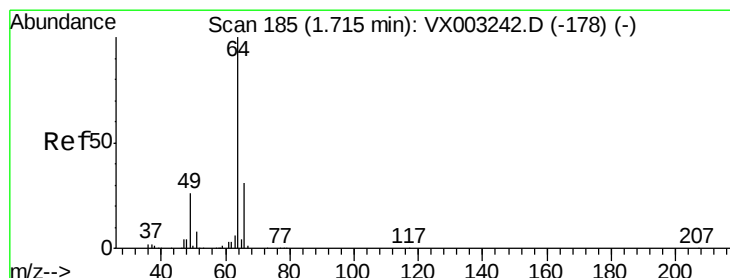
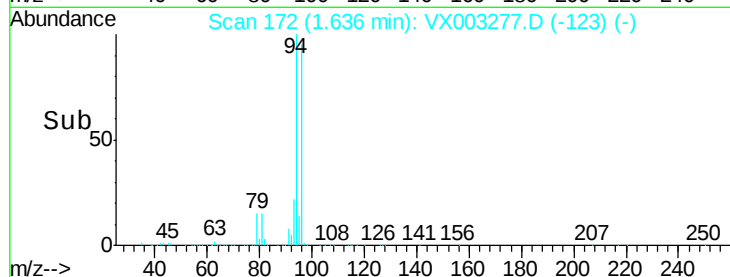
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.16 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003277.D

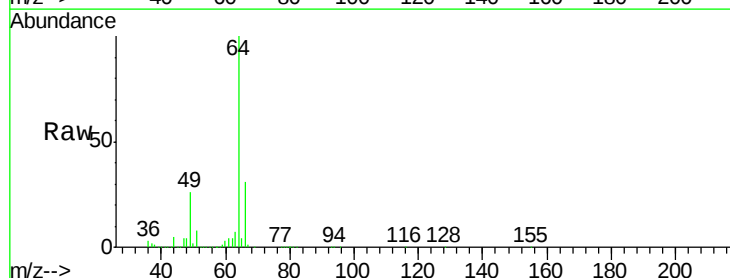
Acq: 10 Jul 2018 06:17

Tgt Ion: 64 Resp: 93686

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

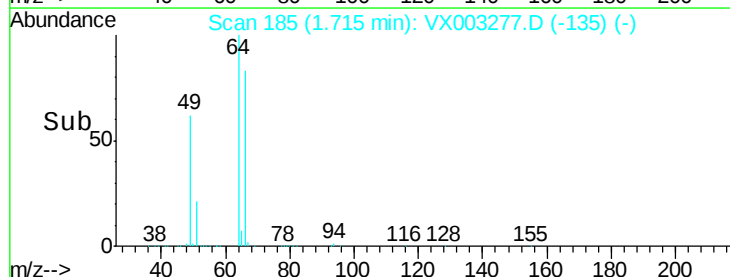
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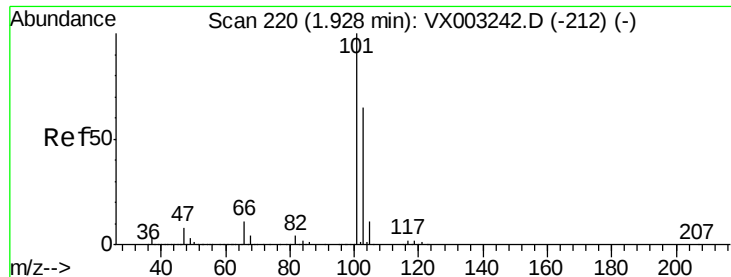
20000

0

1.65 1.70 1.75 1.80

Time-->





#7

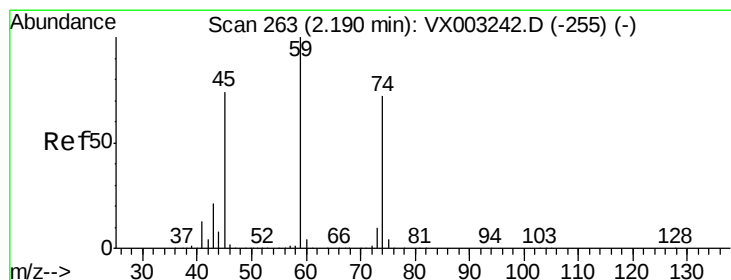
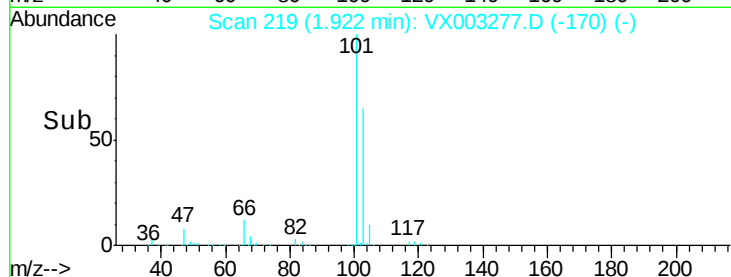
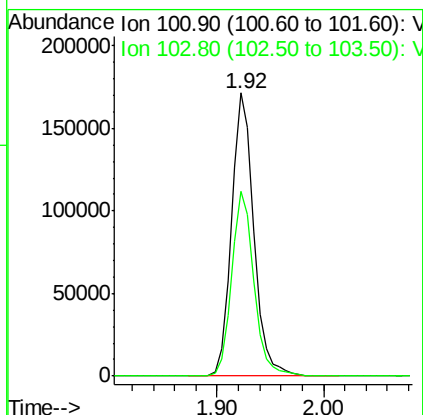
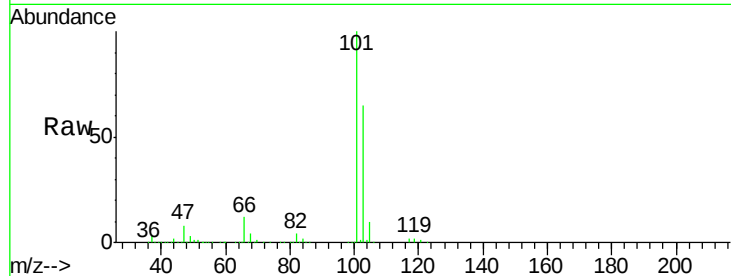
Trichlorofluoromethane  
Concen: 49.30 ug/l  
RT: 1.92 min Scan# 219  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.3  | 52.8  | 79.2  |

Manual Integrations  
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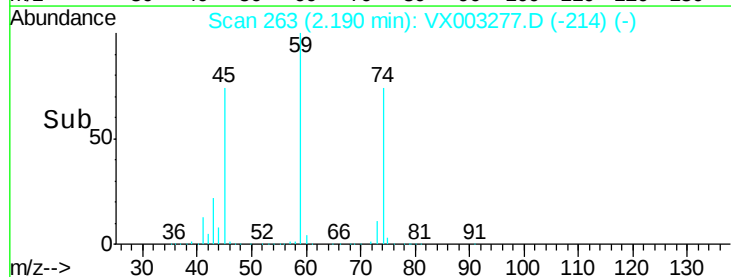
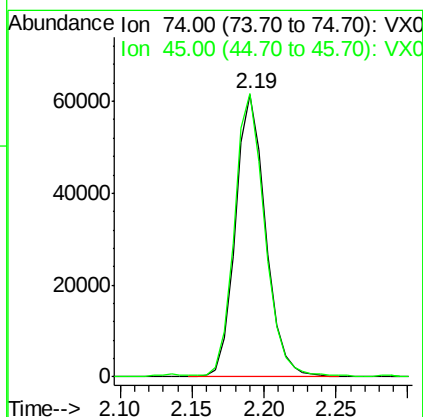
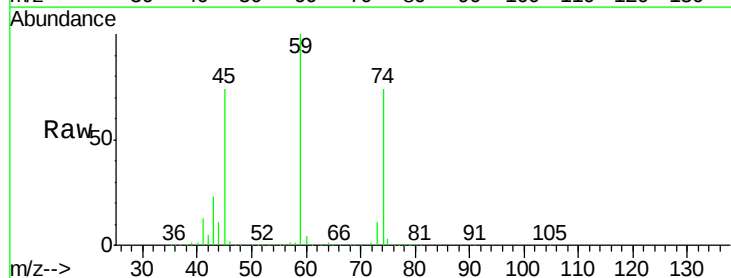
MMDadoda  
7/10/2018 3:11:57 PM

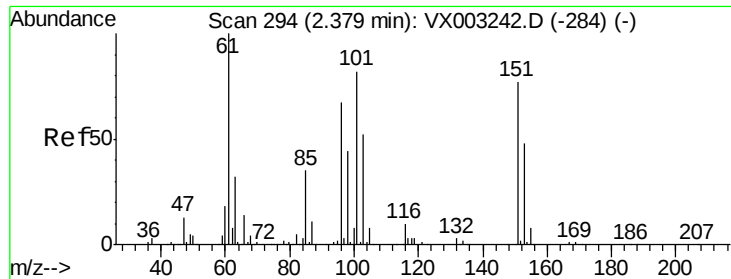


#8

Diethyl Ether  
Concen: 48.49 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.6 | 53.1  | 159.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

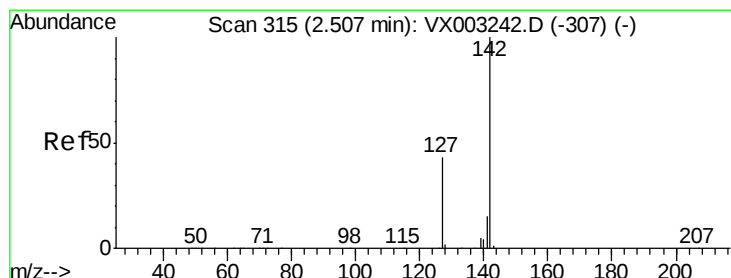
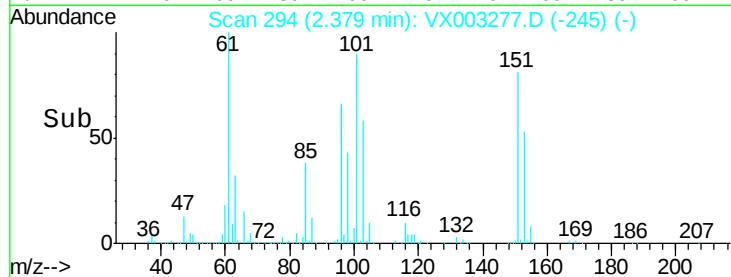
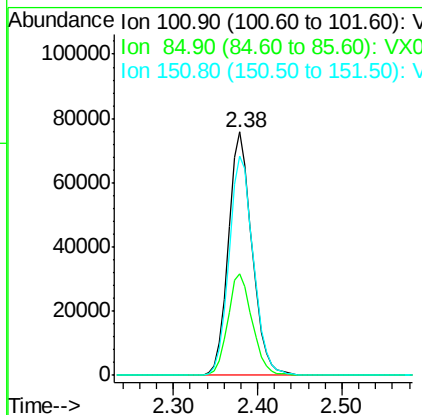
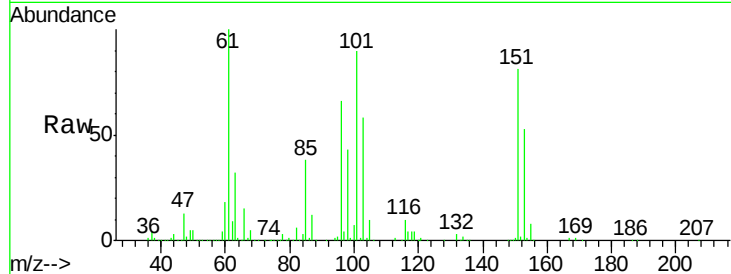
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 144551 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.9  | 36.0  | 54.0   |
| 151       | 92.6  | 70.9  | 106.3  |

Manual Integrations  
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7/10/2018 3:11:57 PM



#10

Methyl Iodide

Concen: 46.30 ug/l

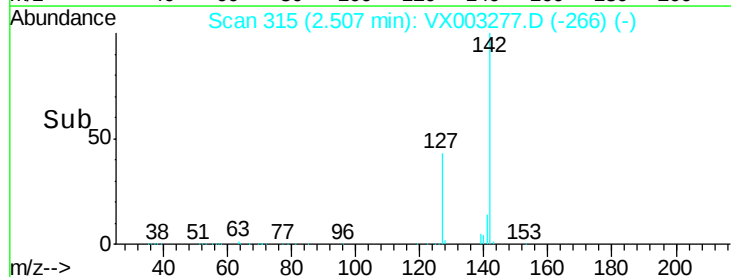
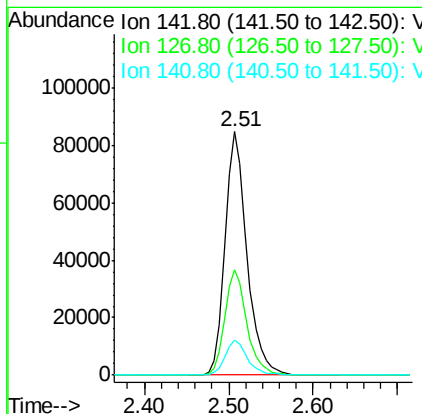
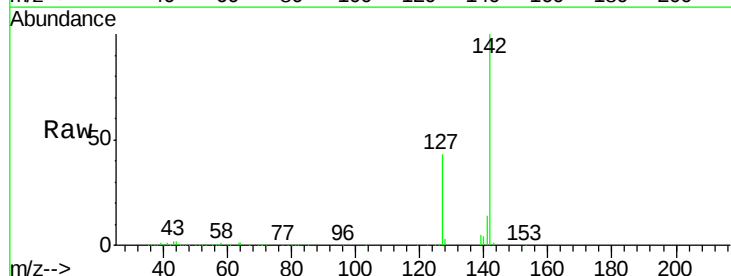
RT: 2.51 min Scan# 315

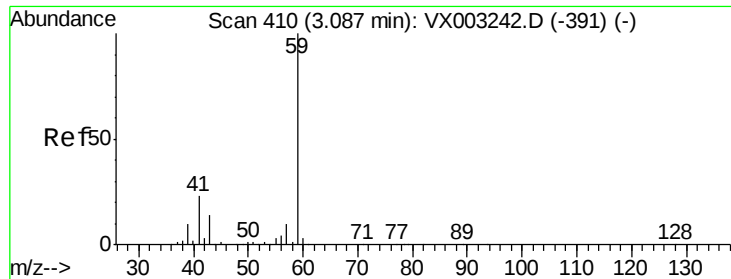
Delta R.T. 0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 151486 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.6  | 36.6  | 55.0   |
| 141       | 14.6  | 11.3  | 16.9   |





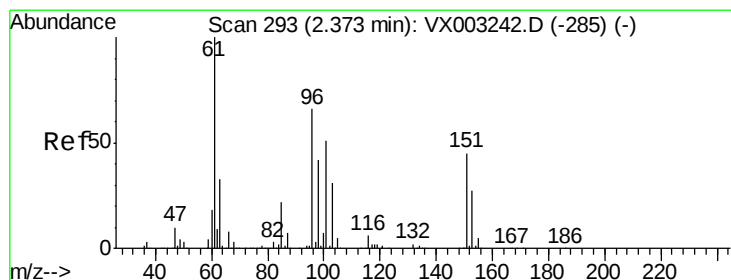
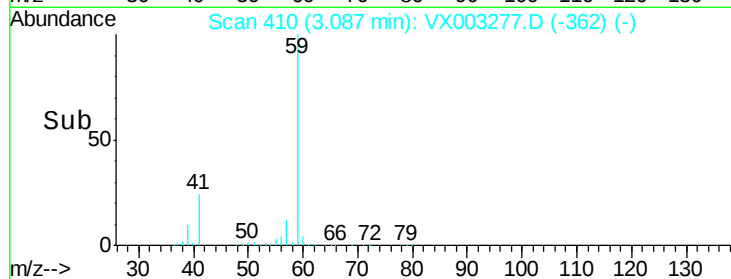
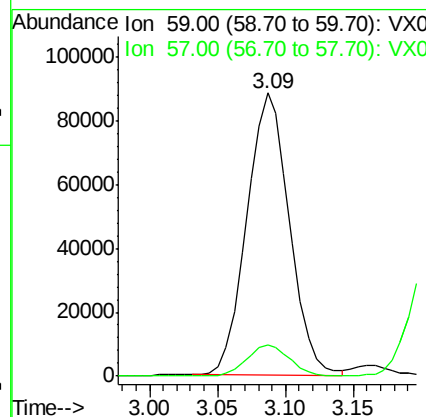
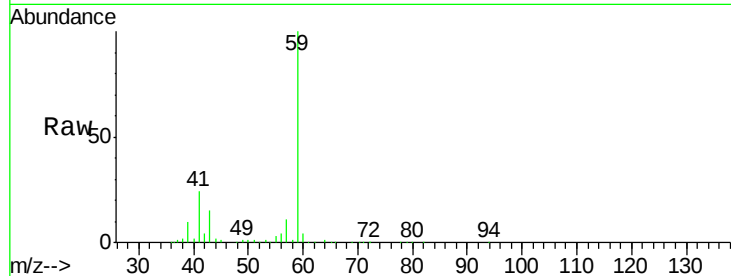
#11  
Tert butyl alcohol  
Concen: 279.73 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. -0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.0  | 8.2   | 12.2  |

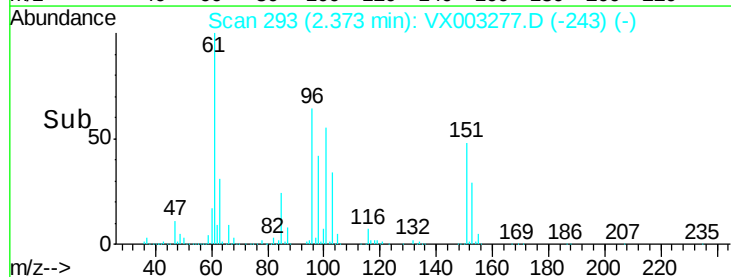
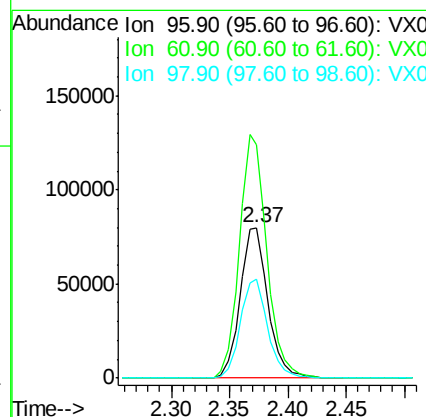
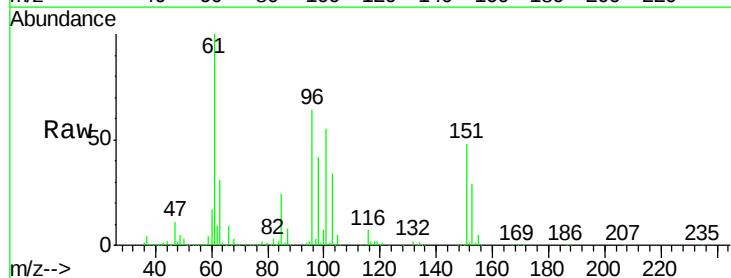
Manual Integrations  
APPROVED

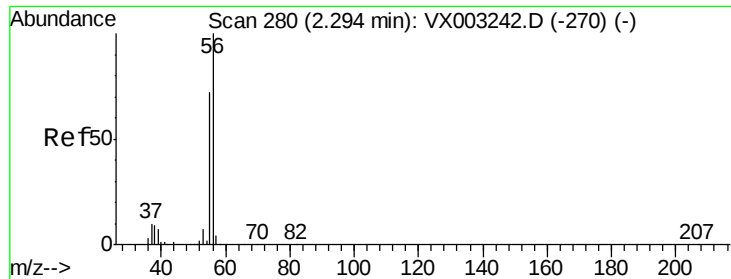
MMDadoda  
7/10/2018 3:11:57 PM



#12  
1,1-Dichloroethene  
Concen: 48.66 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.4 | 137.9 | 206.9 |
| 98      | 65.6  | 51.6  | 77.4  |





#13

Acrolein

Concen: 206.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 115078

Ion Ratio Lower Upper

56 100

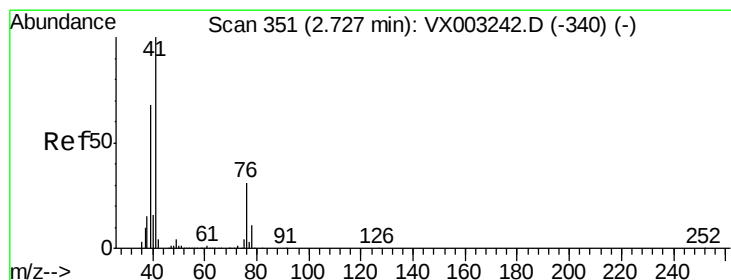
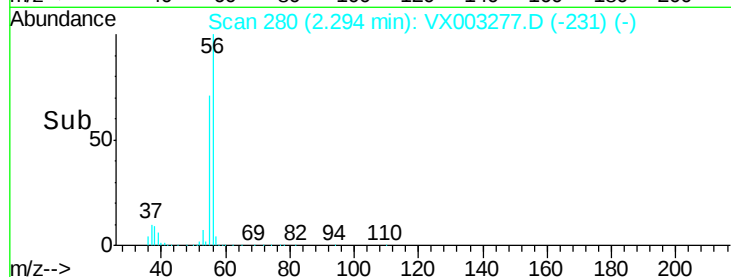
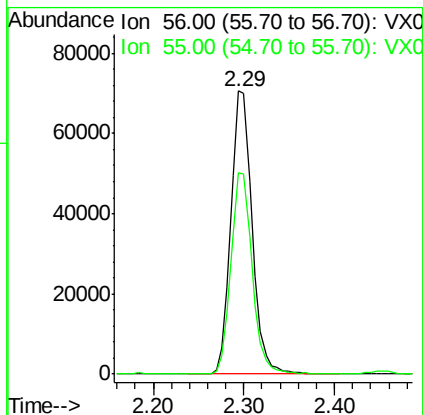
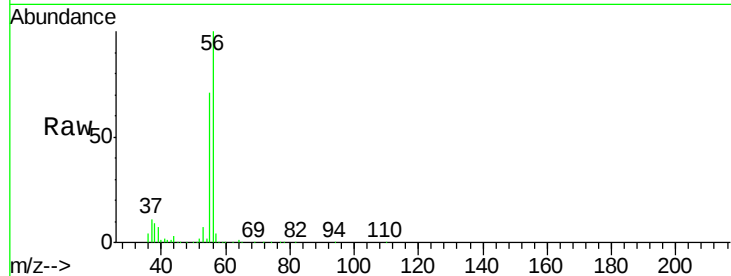
55 70.8 57.0 85.4

Manual Integrations

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MMDadoda

7/10/2018 3:11:57 PM



#14

Allyl chloride

Concen: 47.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

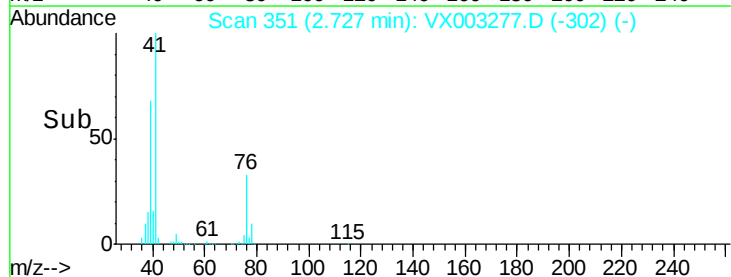
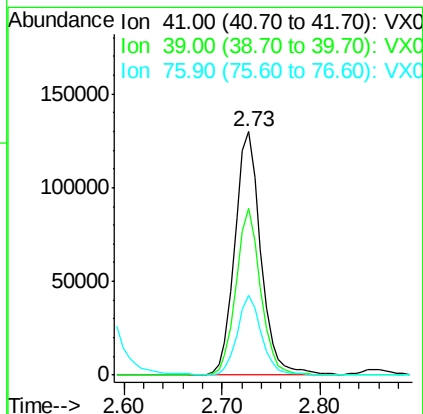
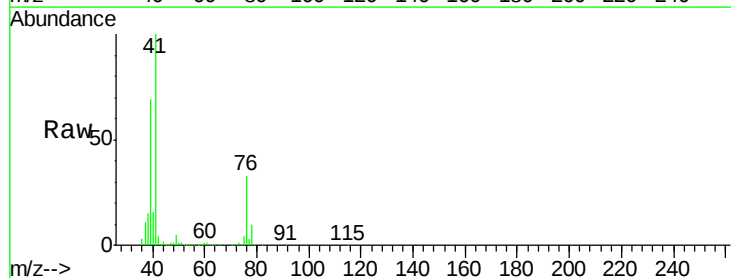
Tgt Ion: 41 Resp: 239107

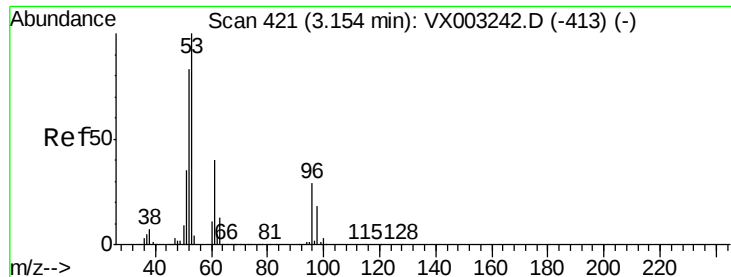
Ion Ratio Lower Upper

41 100

39 64.9 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 262.69 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

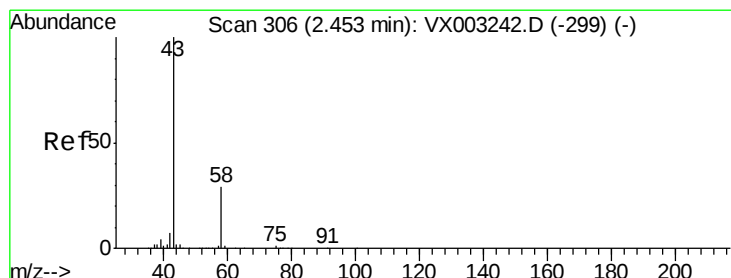
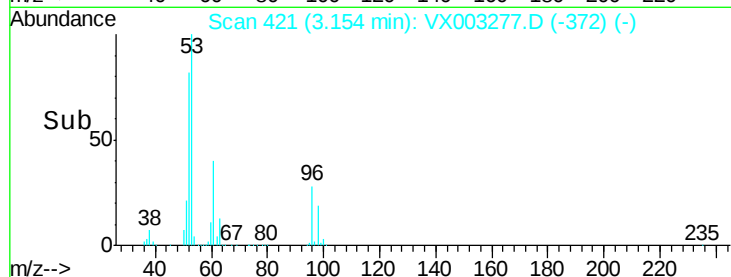
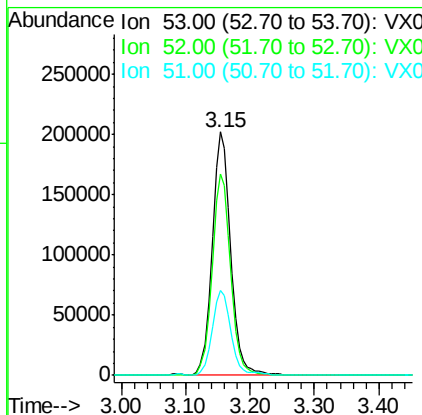
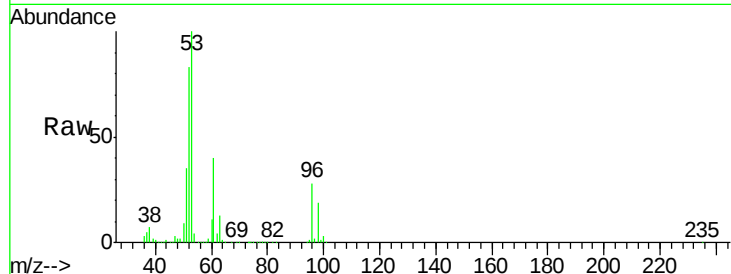
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 405769 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.2  | 66.7  | 100.1  |
| 51       | 35.8  | 29.9  | 44.9   |

Manual Integrations  
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7/10/2018 3:11:57 PM



#16

Acetone

Concen: 280.97 ug/l

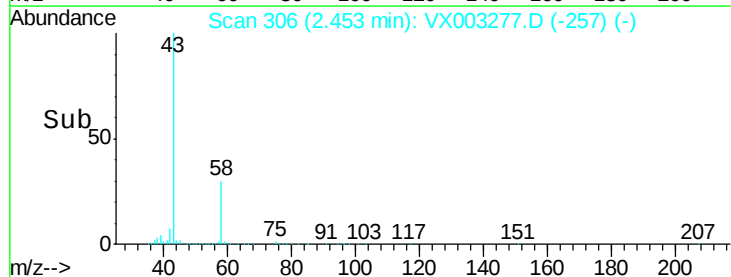
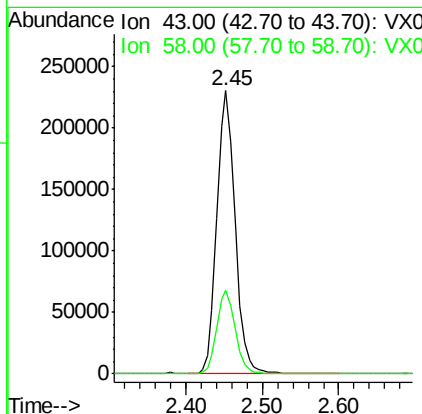
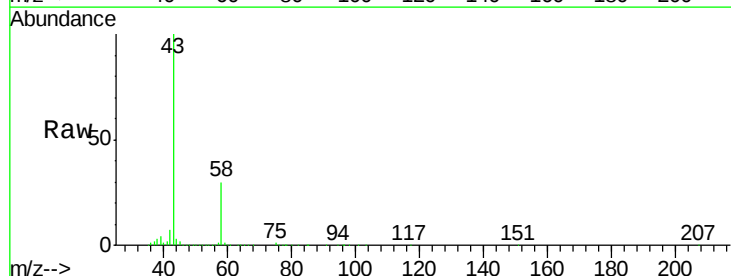
RT: 2.45 min Scan# 306

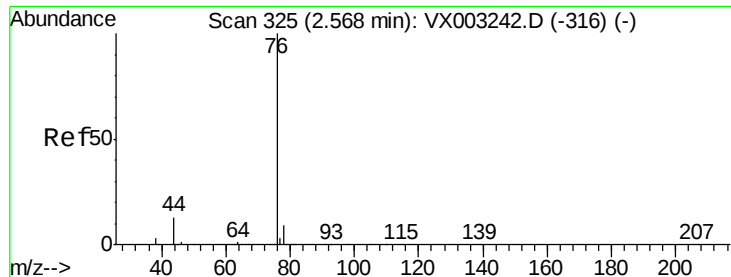
Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 380615 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.6  | 22.1  | 33.1   |





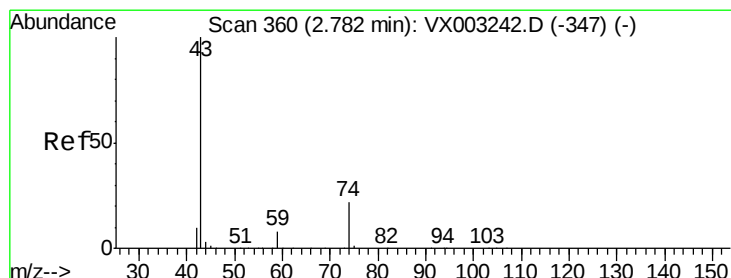
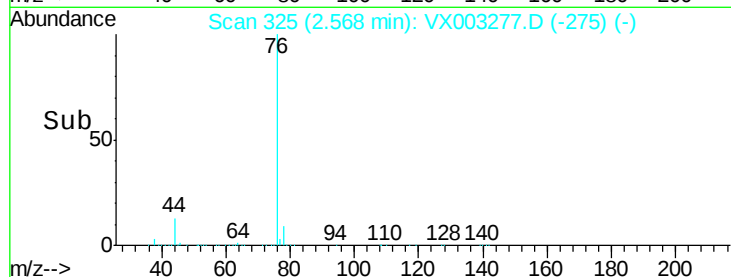
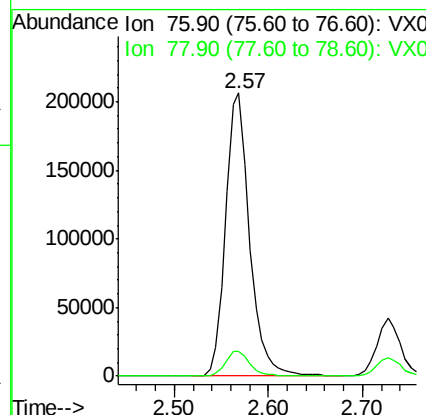
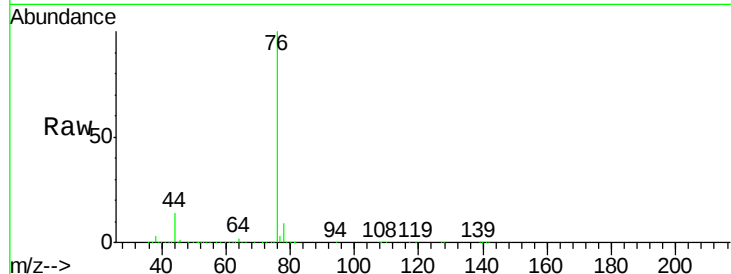
#17  
Carbon Disulfide  
Concen: 48.16 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 6.9   | 10.3  |

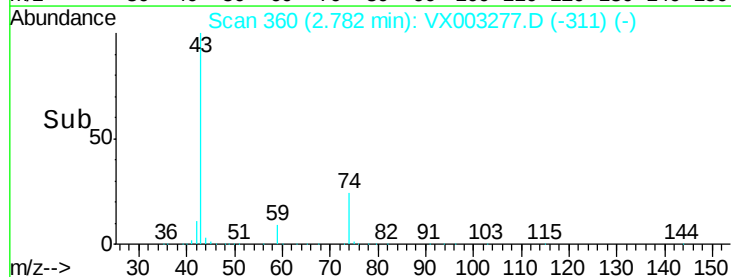
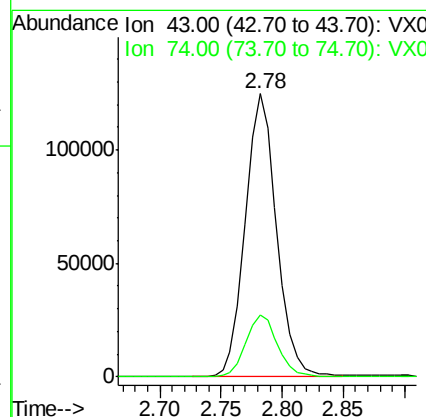
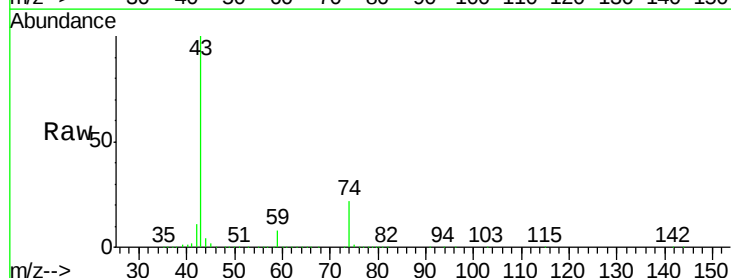
Manual Integrations  
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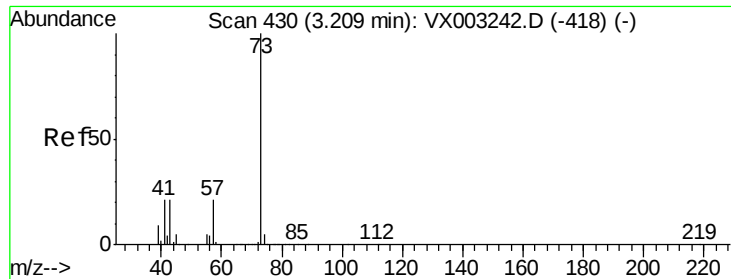
MMDadoda  
7/10/2018 3:11:57 PM



#18  
Methyl Acetate  
Concen: 57.57 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.9  | 16.7  | 25.1  |





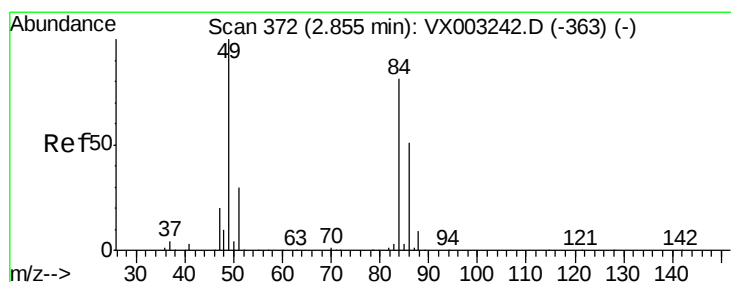
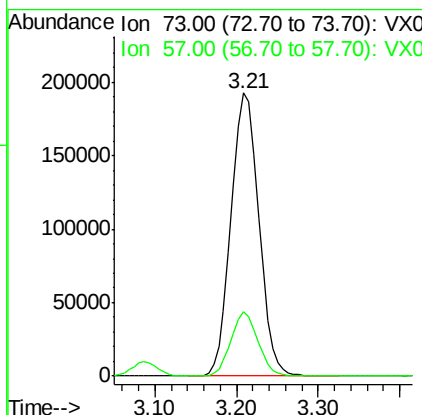
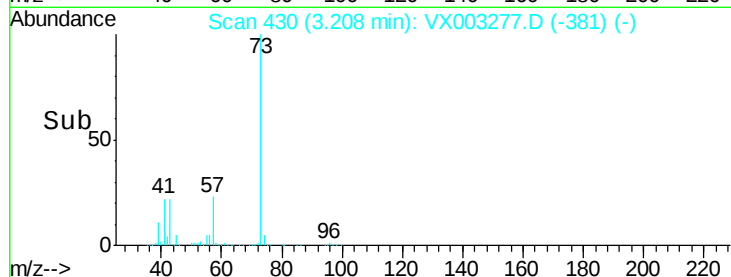
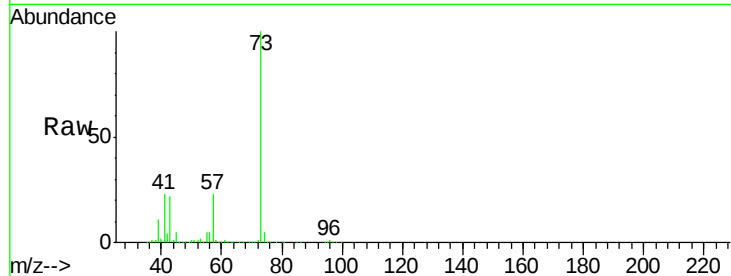
#19  
Methvl tert-butvl Ether  
Concen: 49.88 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 453925  
Ion Ratio Lower Upper  
73 100  
57 22.6 17.7 26.5

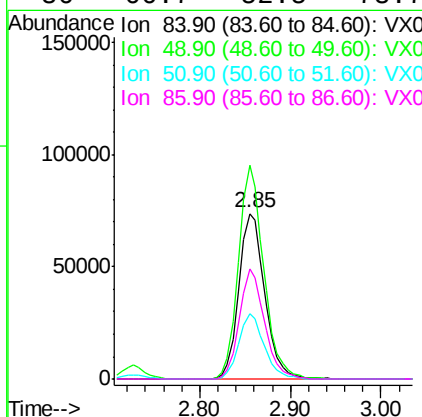
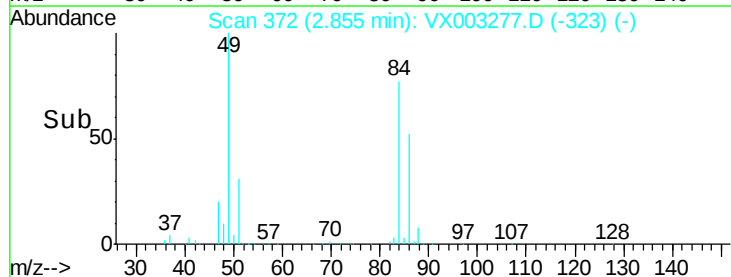
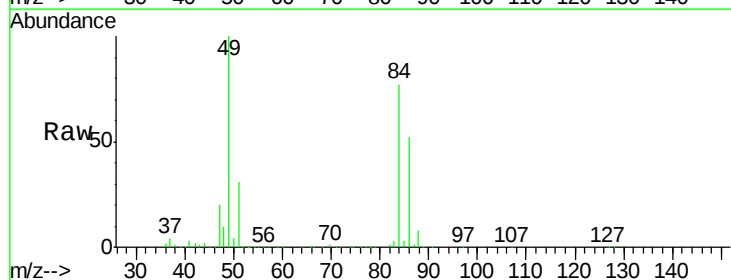
Manual Integrations  
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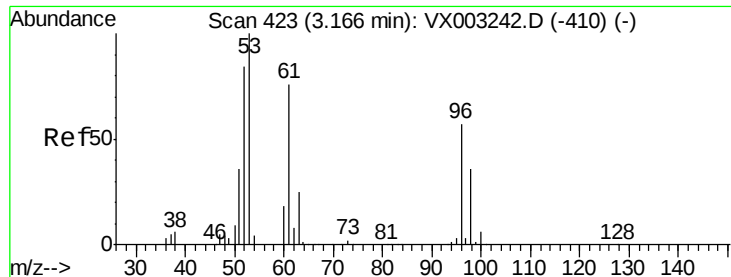
MMDadoda  
7/10/2018 3:11:57 PM



#20  
Methylene Chloride  
Concen: 52.84 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Tgt Ion: 84 Resp: 146571  
Ion Ratio Lower Upper  
84 100  
49 129.2 107.8 161.6  
51 39.7 32.8 49.2  
86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.86 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 141894

Ion Ratio Lower Upper

96 100

61 140.7 117.0 175.4

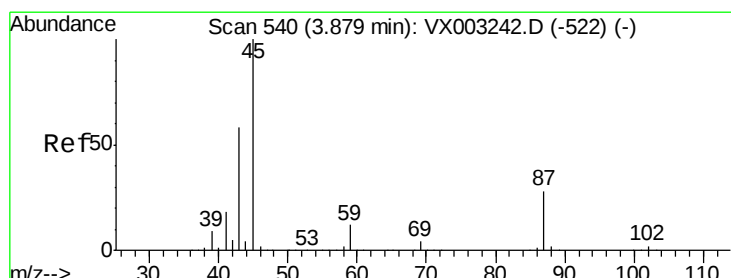
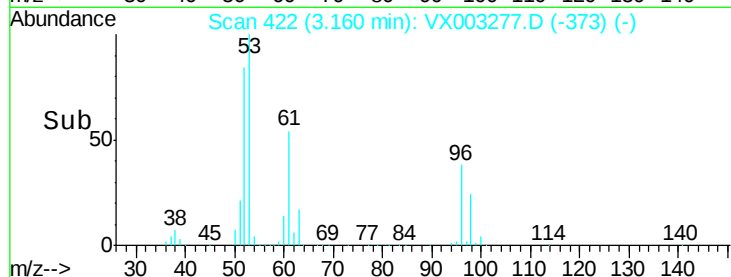
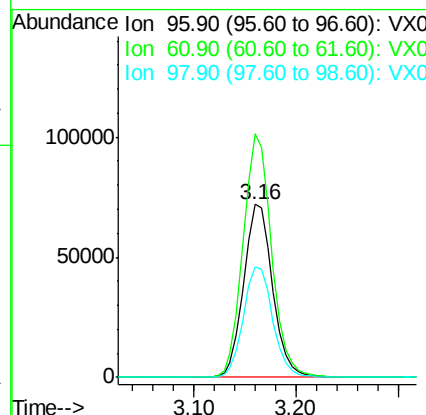
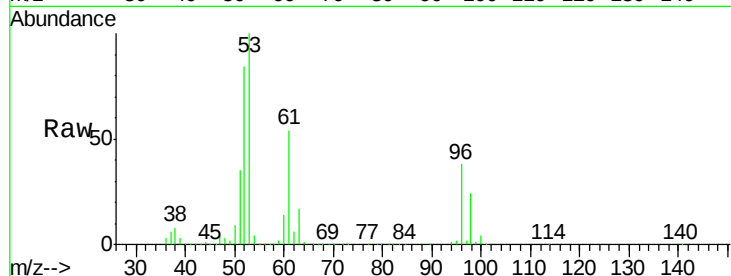
98 63.8 52.4 78.6

Manual Integrations

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7/10/2018 3:11:57 PM



#22

Diisopropyl ether

Concen: 46.05 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Tgt Ion: 45 Resp: 472814

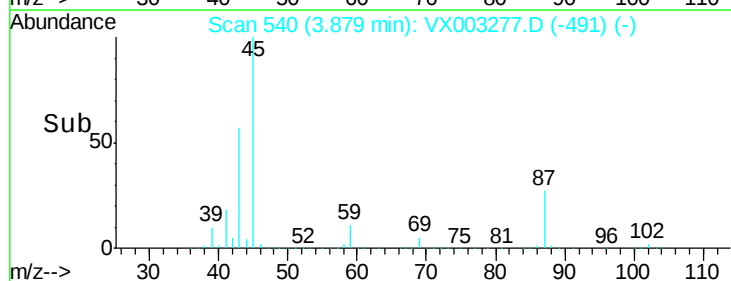
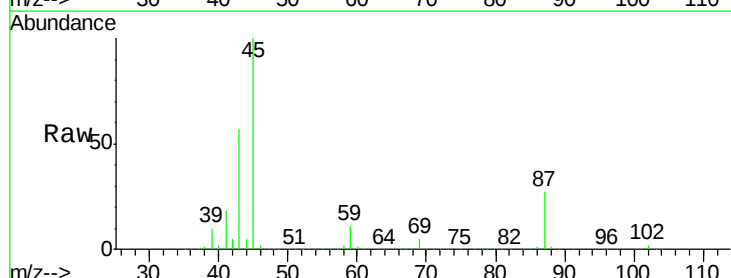
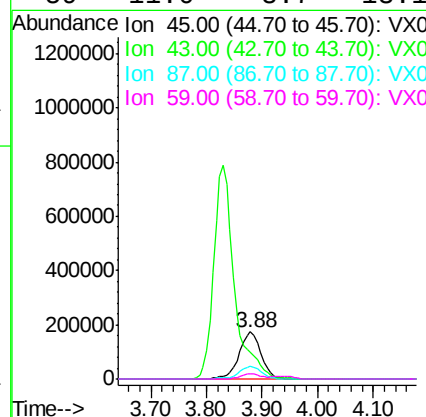
Ion Ratio Lower Upper

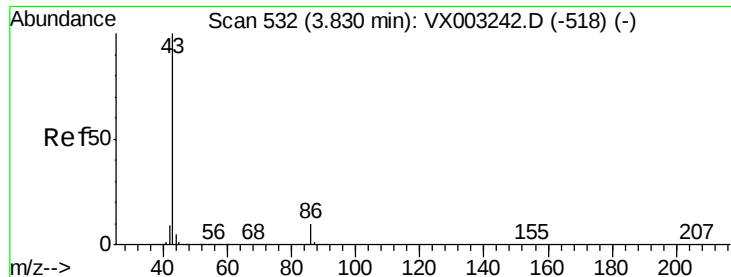
45 100

43 57.0 46.8 70.2

87 26.6 20.2 30.4

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 234.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2042546

Ion Ratio Lower Upper

43 100

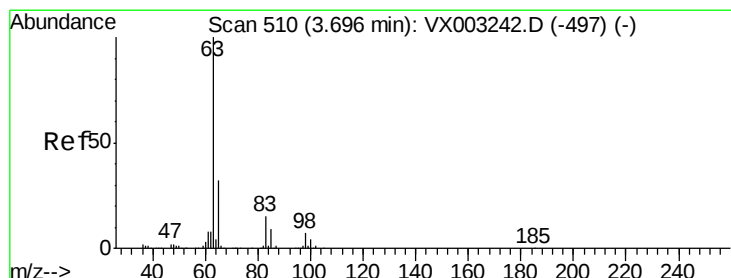
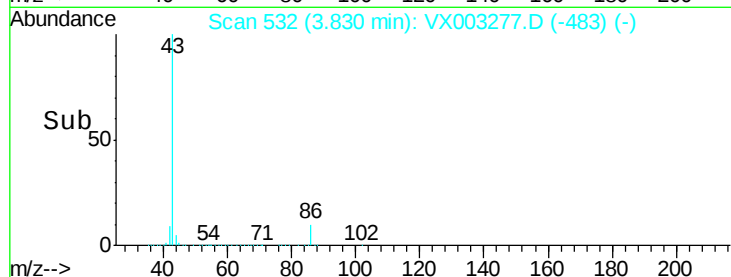
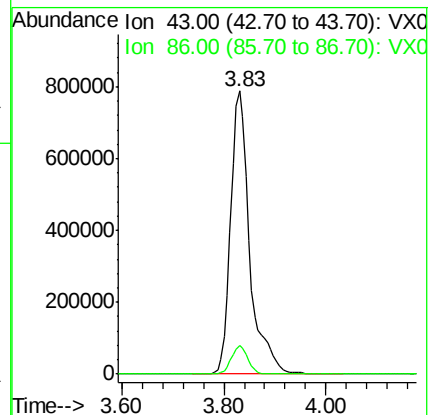
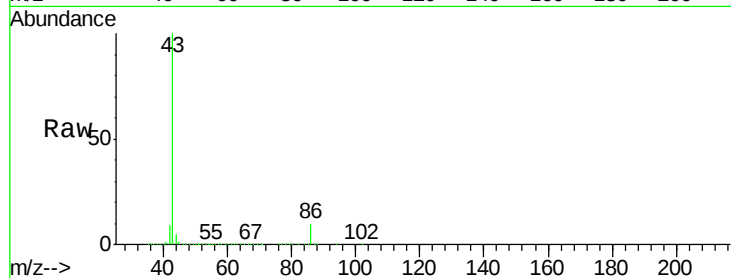
86 10.0 7.4 11.0

Manual Integrations

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MMDadoda

7/10/2018 3:11:57 PM



#24

1,1-Dichloroethane

Concen: 49.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

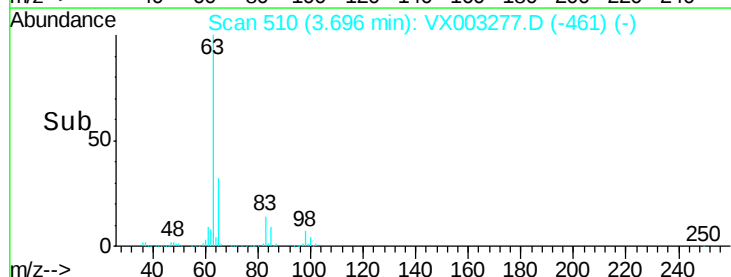
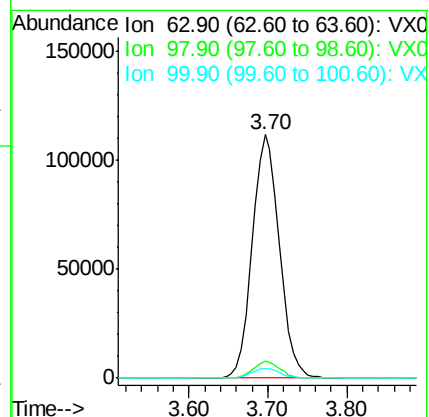
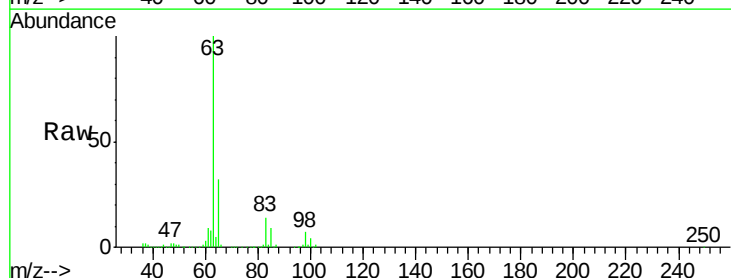
Tgt Ion: 63 Resp: 266583

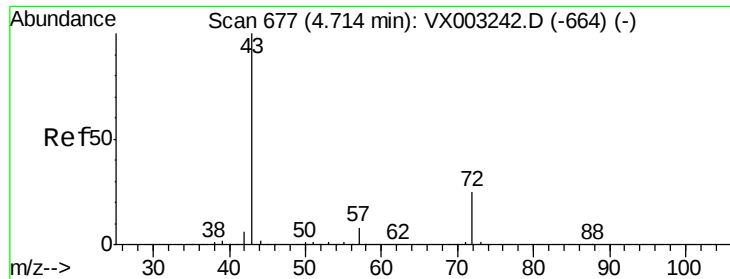
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 267.25 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 640599

Ion Ratio Lower Upper

43 100

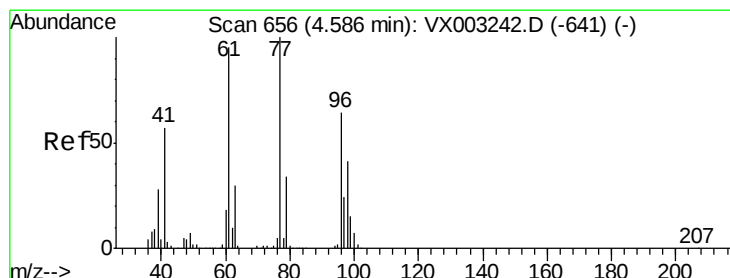
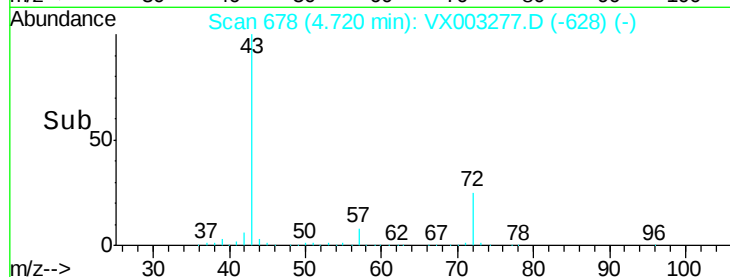
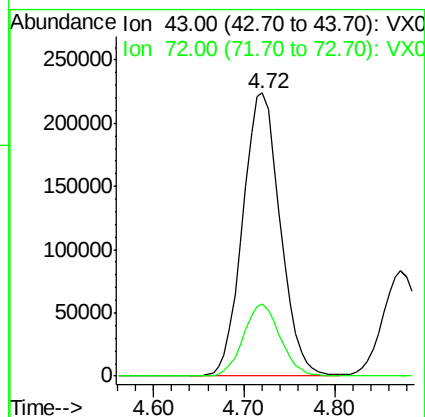
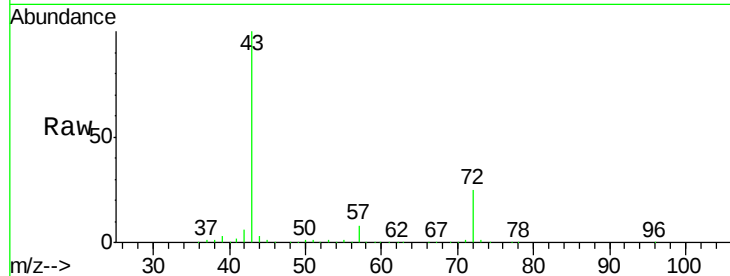
72 25.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.04 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003277.D

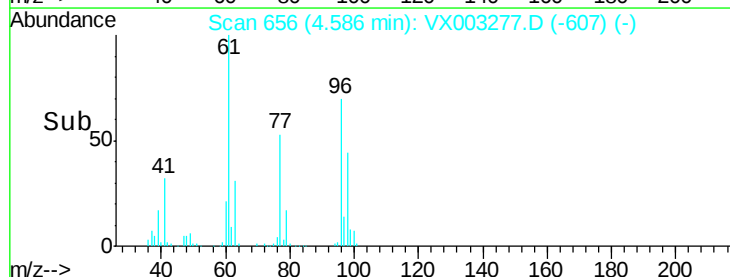
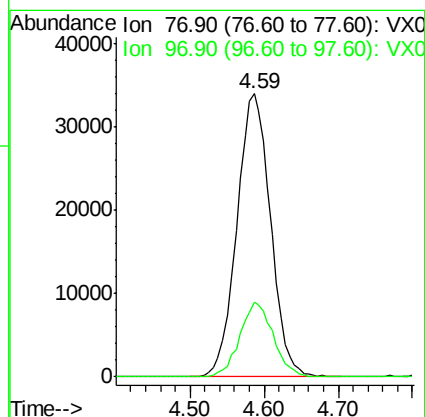
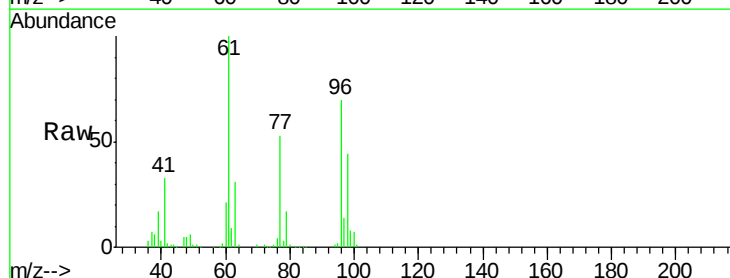
Acq: 10 Jul 2018 06:17

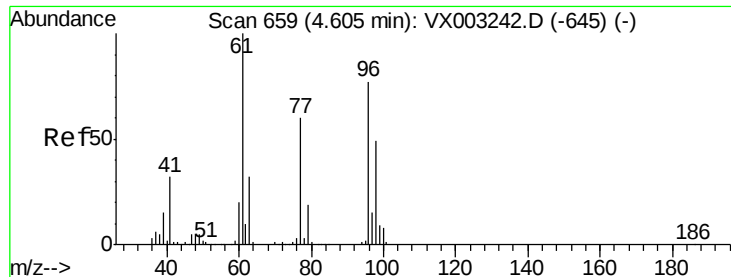
Tgt Ion: 77 Resp: 107681

Ion Ratio Lower Upper

77 100

97 26.2 11.2 33.5





#27

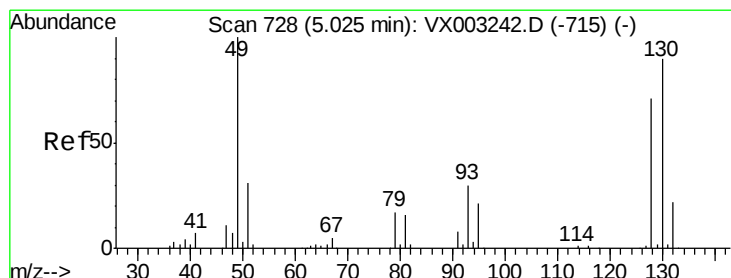
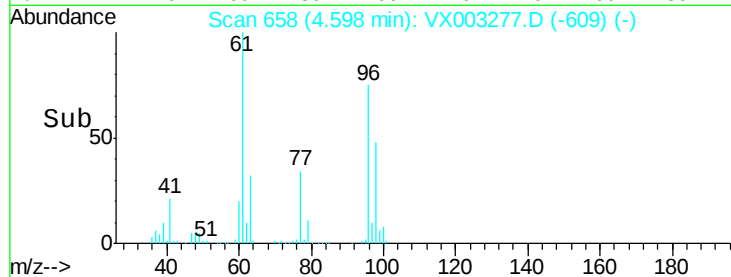
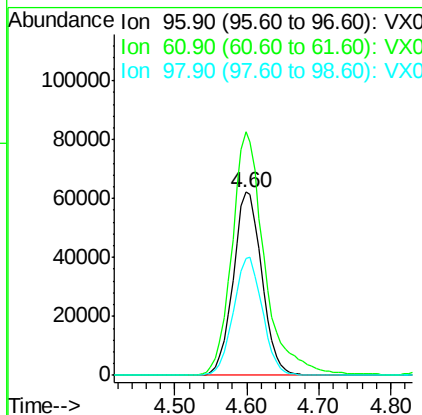
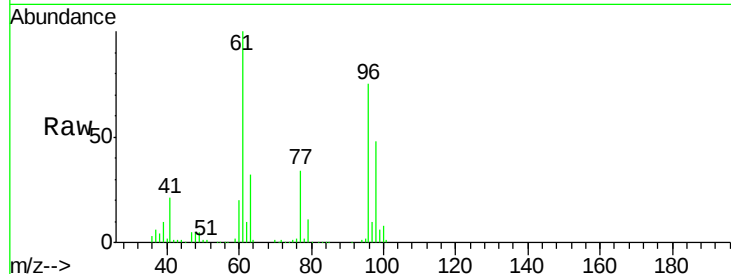
cis-1,2-Dichloroethene  
Concen: 48.24 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 172187 |       |       |
| 61      | 151.5 | 0.0    | 330.2 |       |
| 98      | 64.8  | 0.0    | 130.2 |       |

Manual Integrations  
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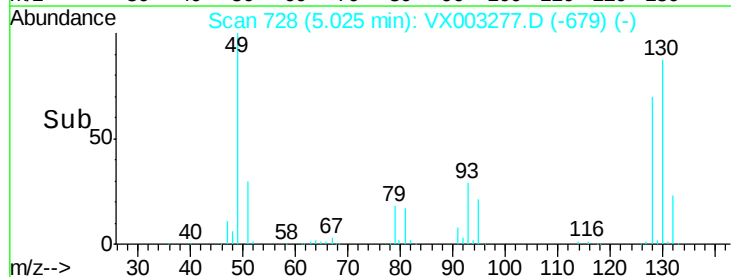
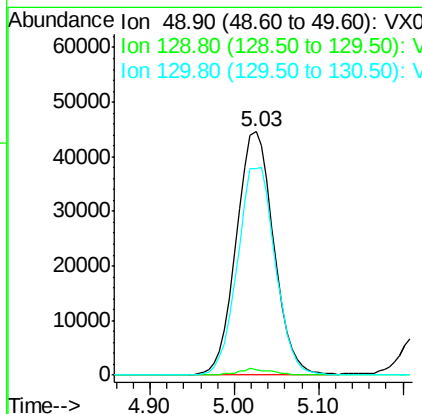
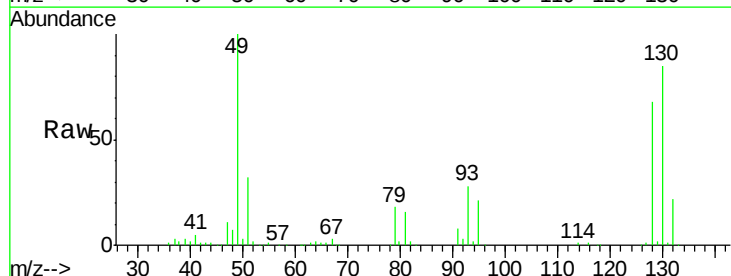
MMDadoda  
7/10/2018 3:11:57 PM

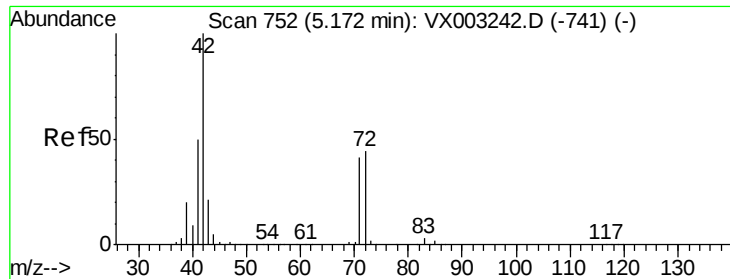


#28

Bromochloromethane  
Concen: 50.00 ug/l  
RT: 5.03 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 134620 |       |       |
| 129     | 2.3   | 0.0    | 4.2   |       |
| 130     | 86.1  | 61.2   | 91.8  |       |





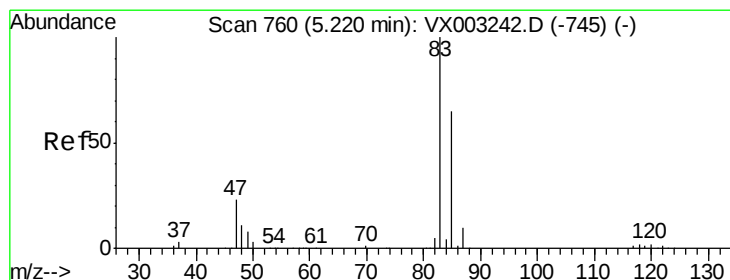
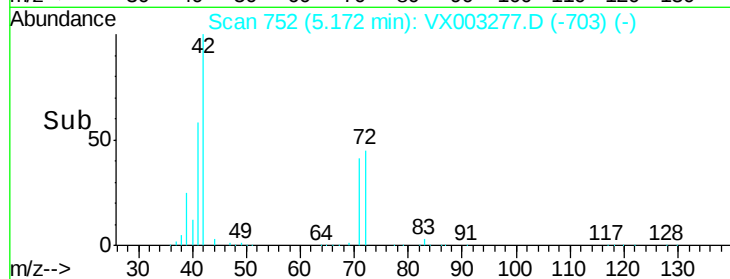
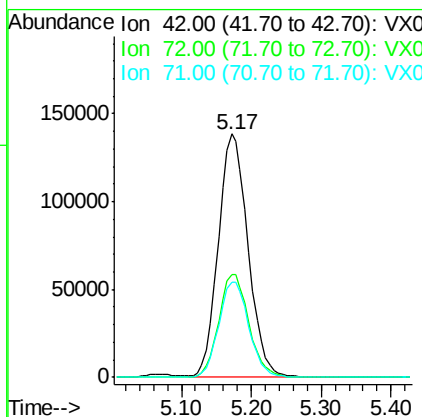
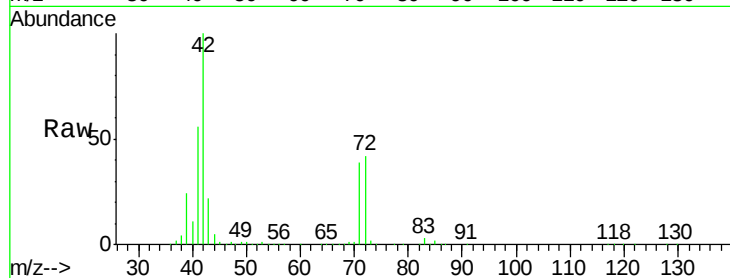
#29  
Tetrahydrofuran  
Concen: 262.05 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.9  | 32.0  | 48.0  |
| 71      | 39.8  | 30.1  | 45.1  |

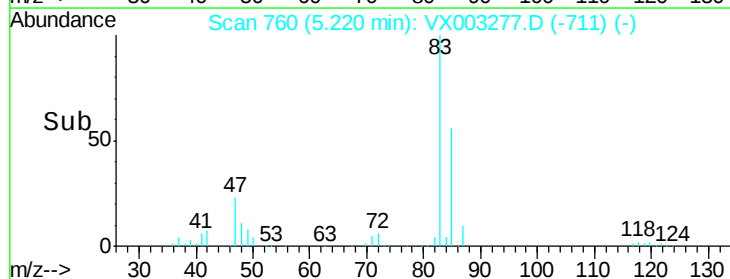
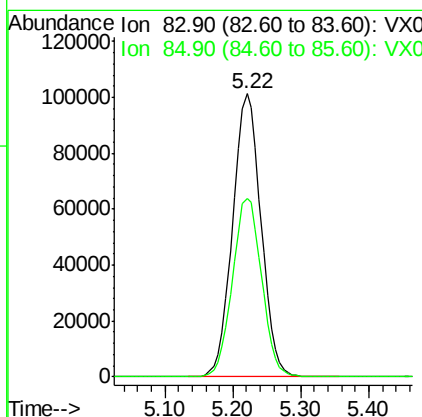
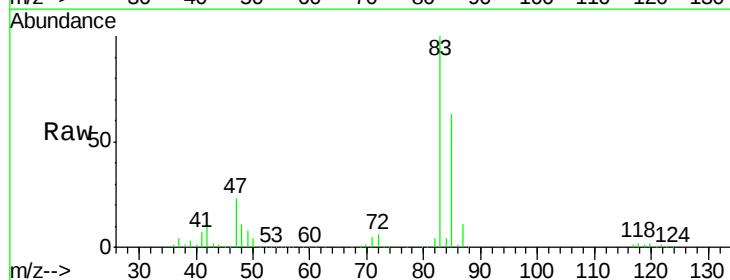
Manual Integrations  
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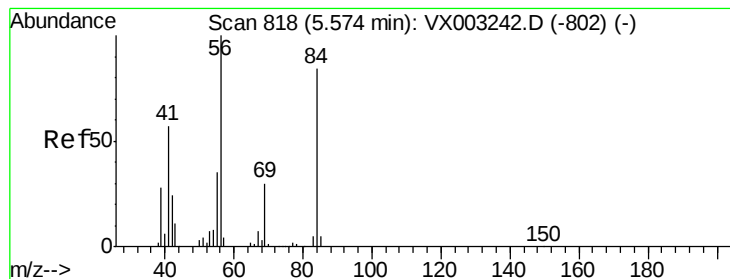
MMDadoda  
7/10/2018 3:11:57 PM



#30  
Chloroform  
Concen: 49.83 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.1  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 49.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

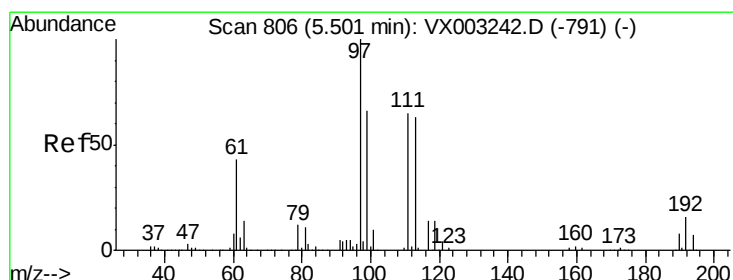
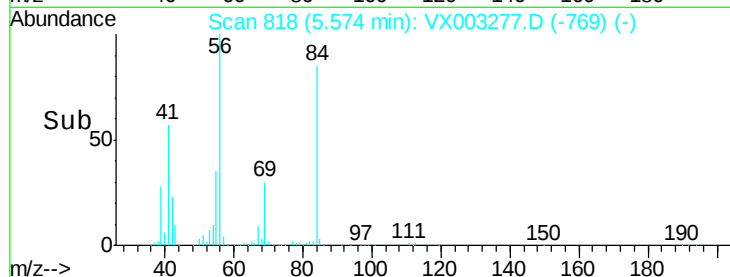
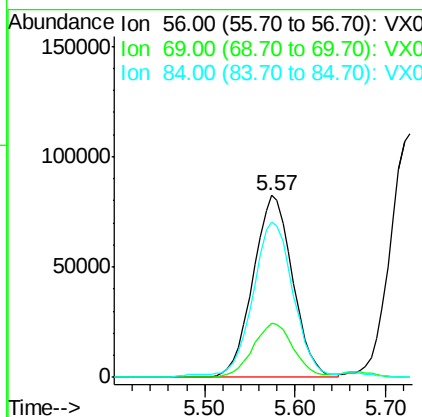
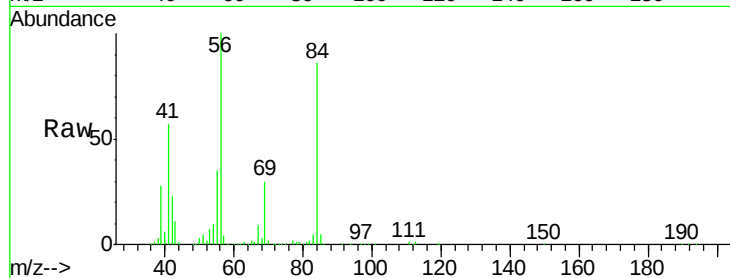
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 248546 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.1  | 23.7  | 35.5   |
| 84       | 84.1  | 64.1  | 96.1   |

Manual Integrations  
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#32

1,1,1-Trichloroethane

Concen: 50.44 ug/l

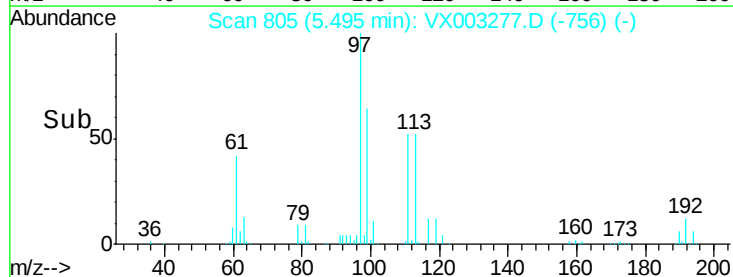
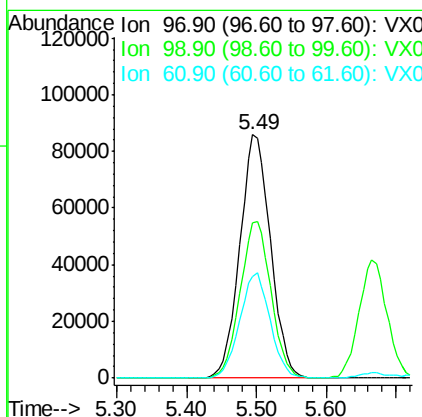
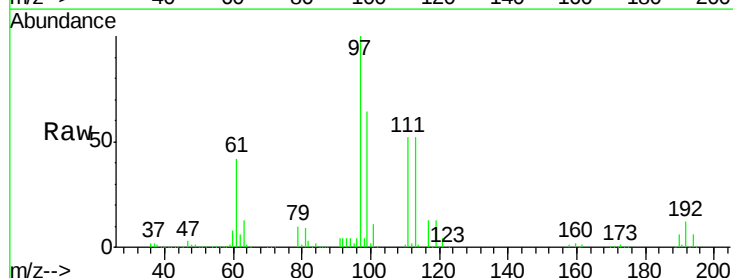
RT: 5.49 min Scan# 805

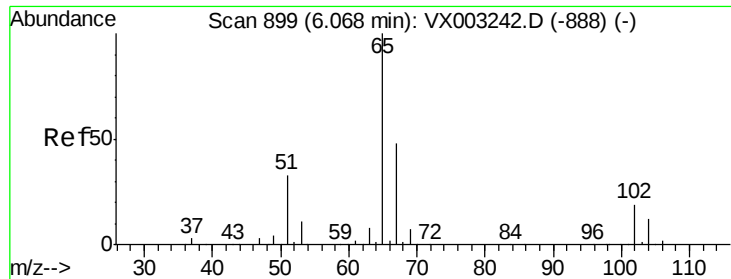
Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 261564 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.7  | 51.6  | 77.4   |
| 61       | 42.8  | 36.4  | 54.6   |





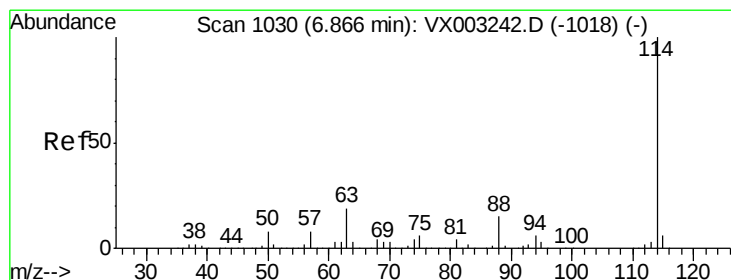
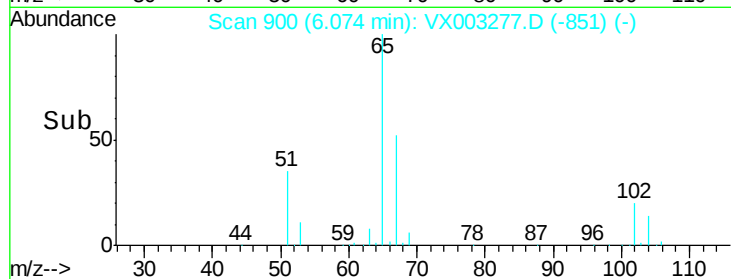
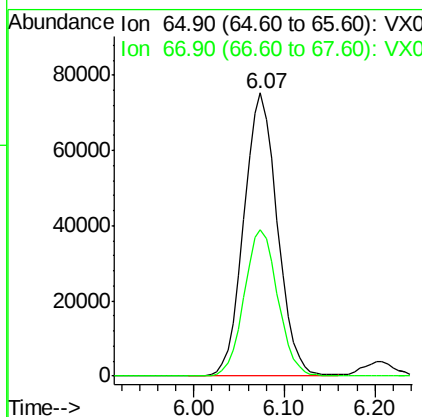
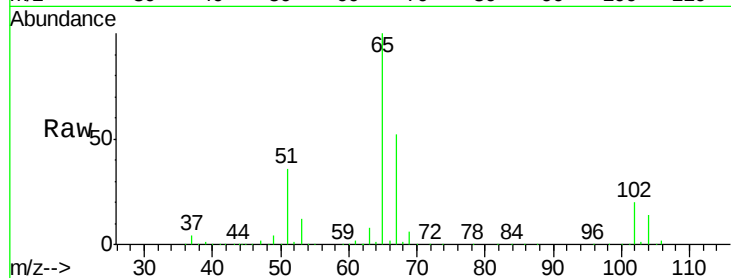
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.54 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 192854 |       |       |
| 67      | 52.0  | 0.0    | 102.6 |       |

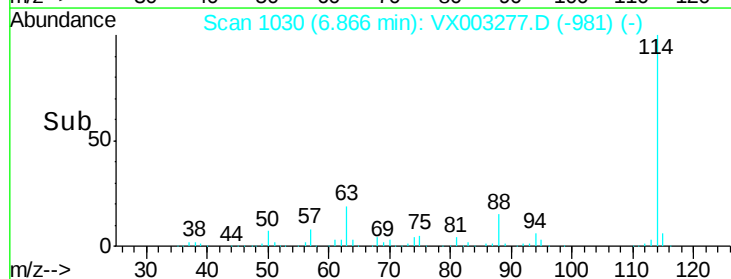
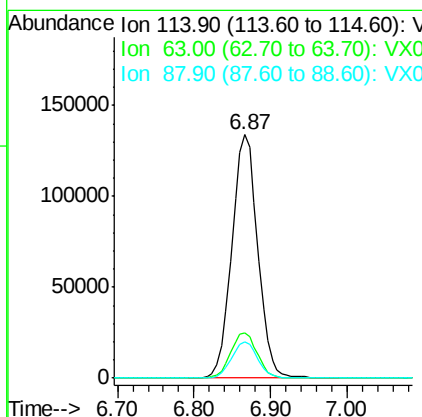
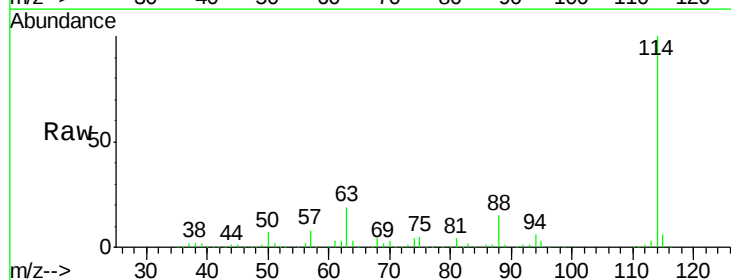
Manual Integrations  
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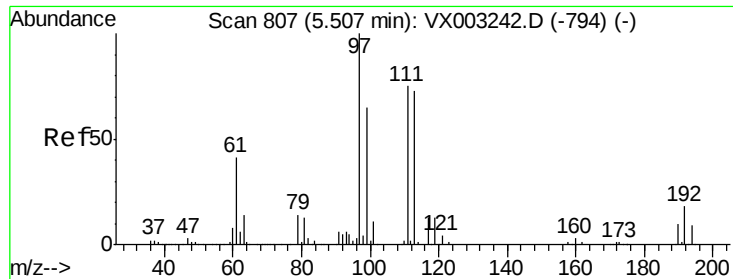
MMDadoda  
 7/10/2018 3:11:57 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 314148 |       |       |
| 63      | 18.7  | 0.0    | 41.4  |       |
| 88      | 14.9  | 0.0    | 30.0  |       |





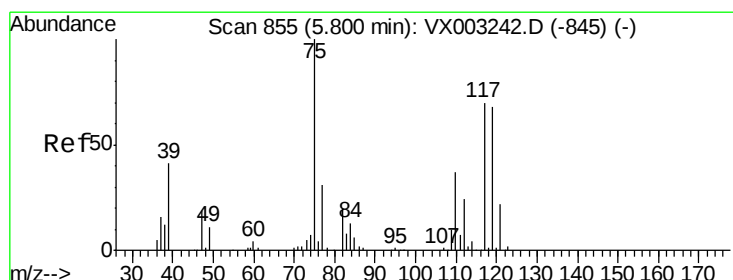
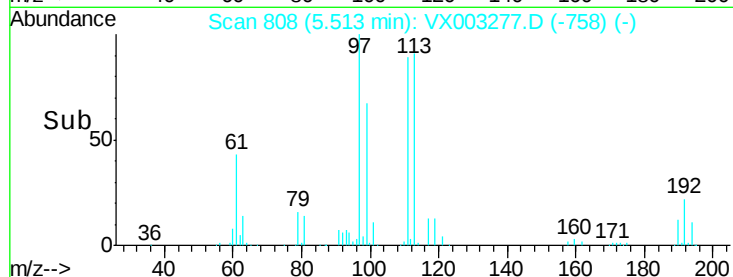
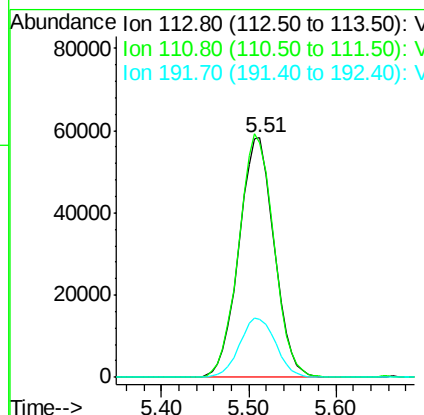
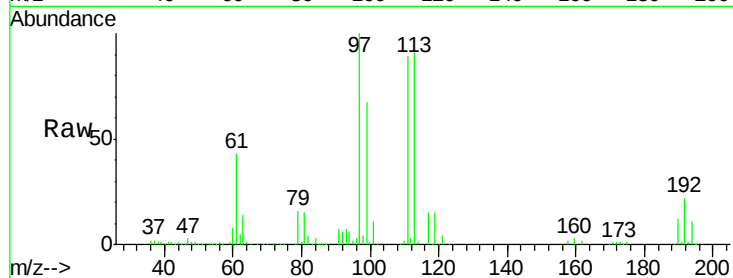
#35  
 Dibromofluoromethane  
 Concen: 48.49 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. 0.01 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 163637 |       |       |
| 111     | 101.0 | 81.4   | 122.0 |       |
| 192     | 25.4  | 19.1   | 28.7  |       |

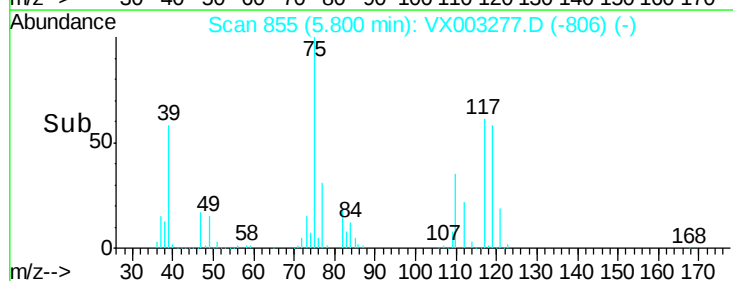
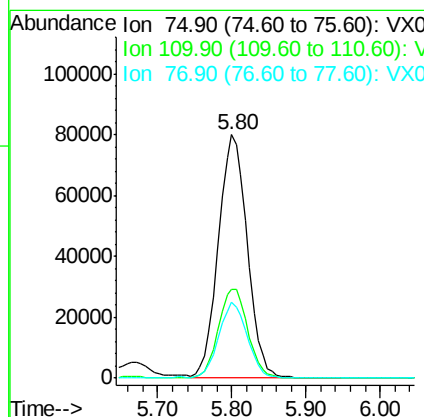
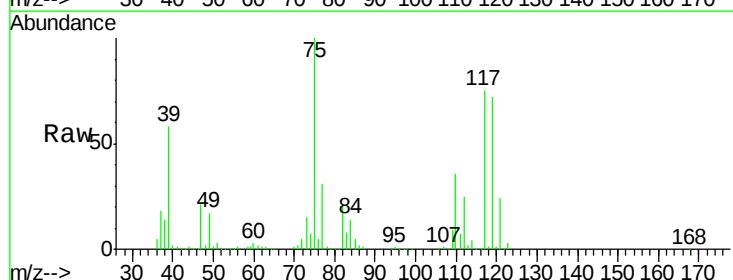
Manual Integrations  
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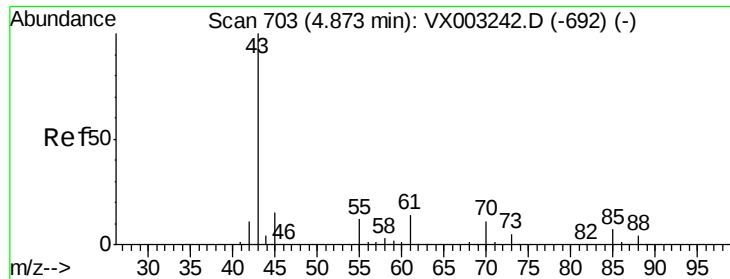
MMDadoda  
 7/10/2018 3:11:57 PM



#36  
 1,1-Dichloropropene  
 Concen: 48.24 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 214523 |       |       |
| 110     | 37.6  | 18.1   | 54.4  |       |
| 77      | 30.4  | 24.3   | 36.5  |       |





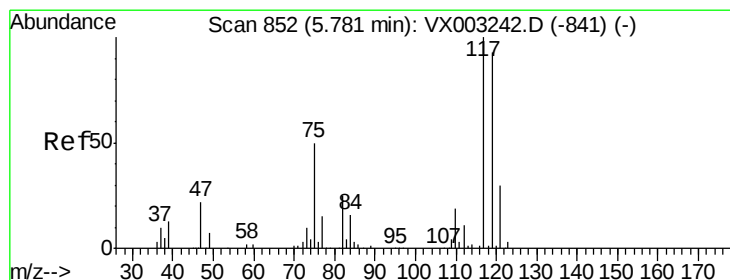
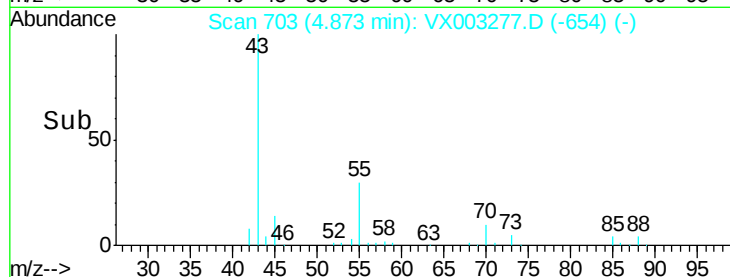
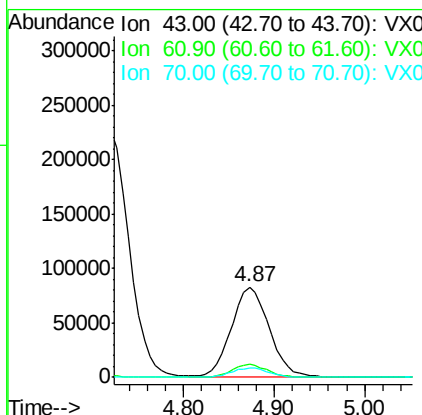
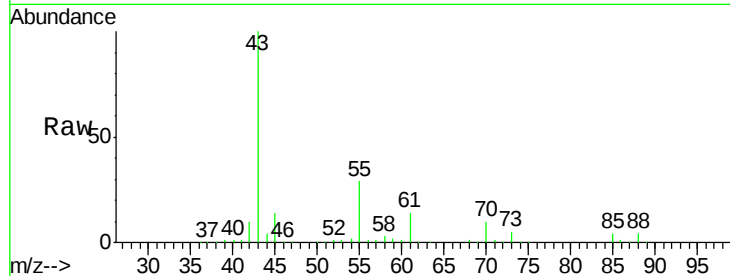
#37  
Ethyl Acetate  
Concen: 48.83 ug/l  
RT: 4.87 min Scan# 703  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 43    | Resp  | 238061 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 13.5  | 10.4  | 15.6   |
| 70      | 10.4  | 7.6   | 11.4   |

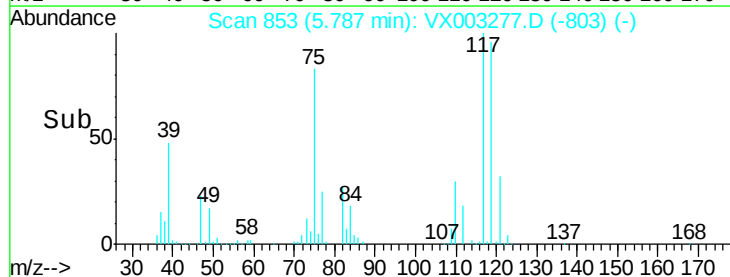
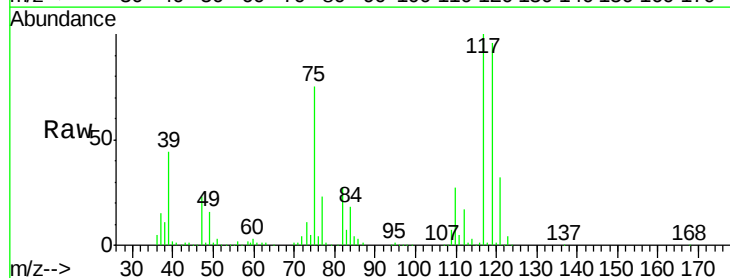
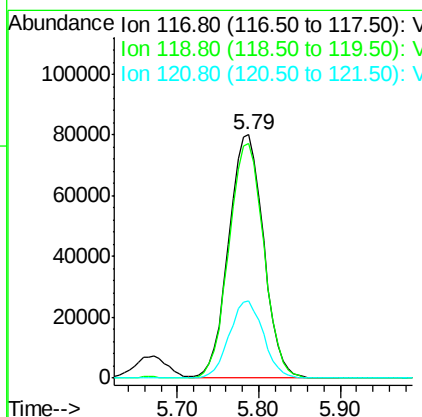
Manual Integrations  
APPROVED

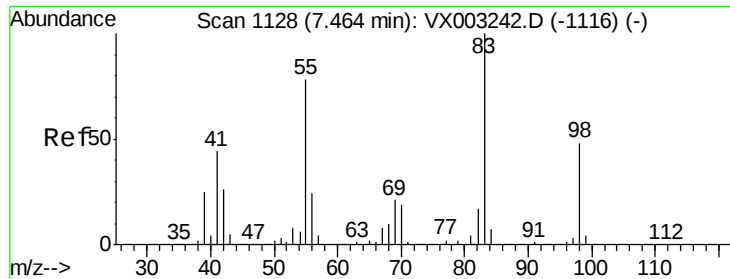
MMDadoda  
7/10/2018 3:11:57 PM



#38  
Carbon Tetrachloride  
Concen: 48.66 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | 117   | Resp  | 236730 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 96.2  | 77.4  | 116.0  |
| 121     | 31.9  | 24.4  | 36.6   |





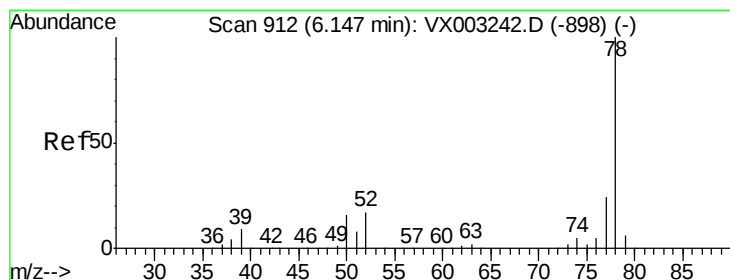
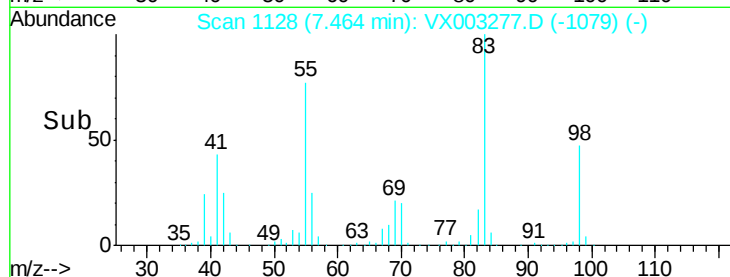
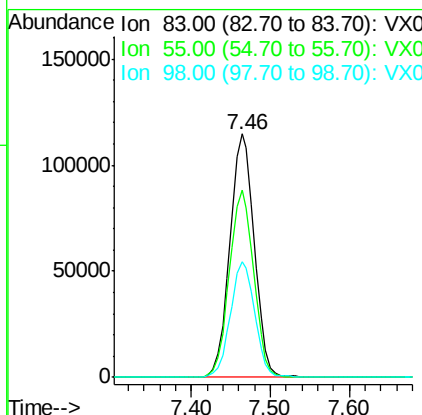
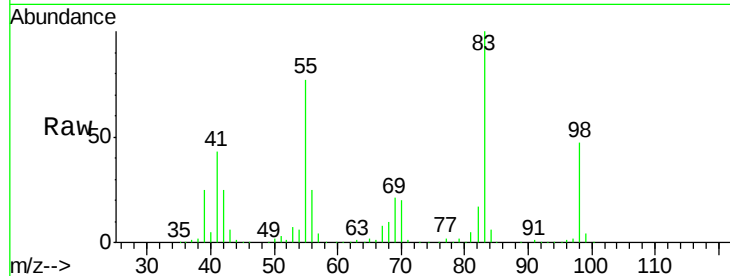
#39  
Methylvlcvclohexane  
Concen: 47.08 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.8  | 65.4  | 98.0  |
| 98      | 47.4  | 37.4  | 56.0  |

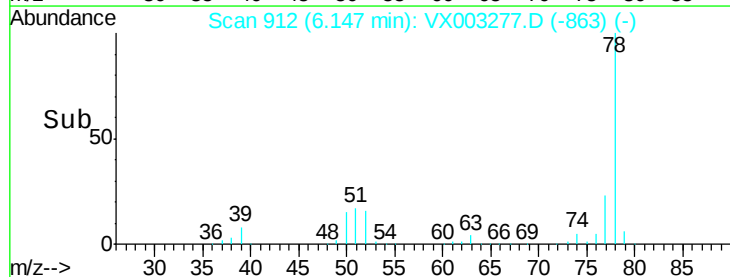
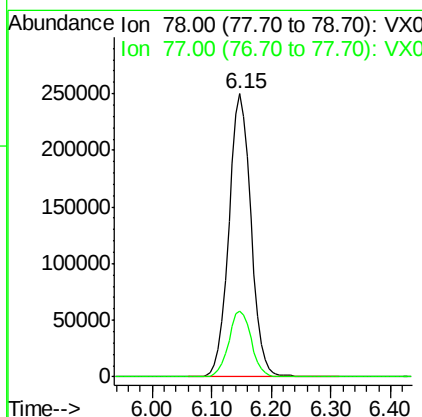
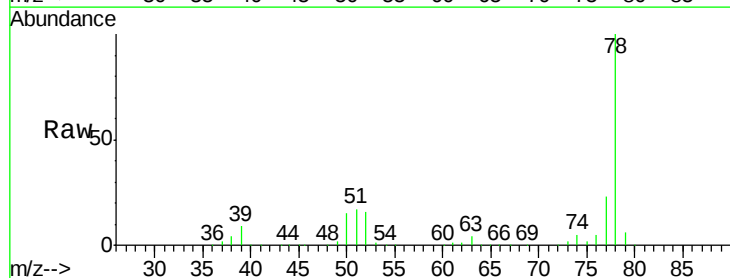
Manual Integrations  
APPROVED

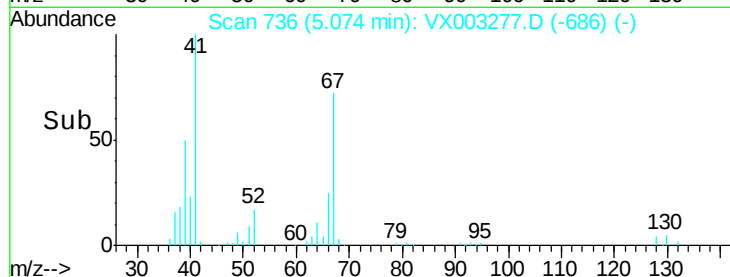
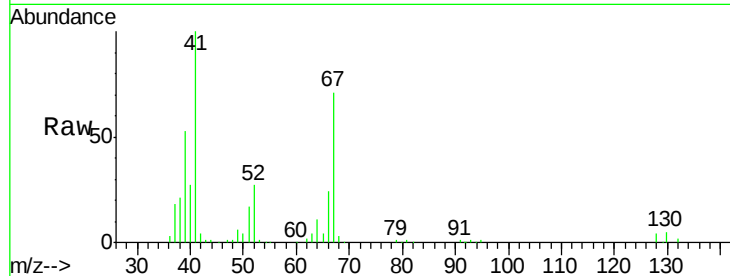
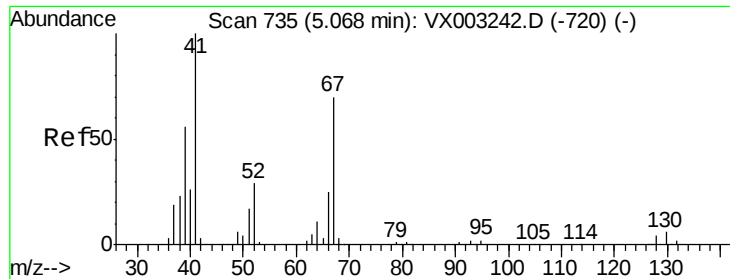
MMDadoda  
7/10/2018 3:11:57 PM



#40  
Benzene  
Concen: 48.85 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

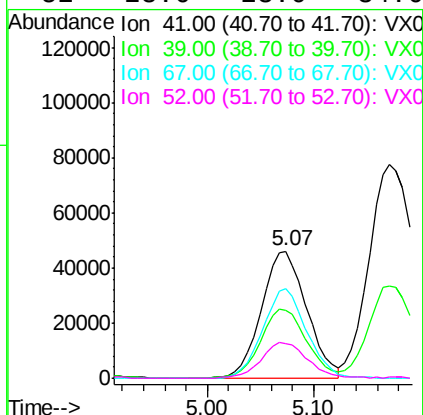
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 19.1  | 28.7  |





#41  
Methacrylonitrile  
Concen: 50.73 ug/l  
RT: 5.07 min Scan# 736  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

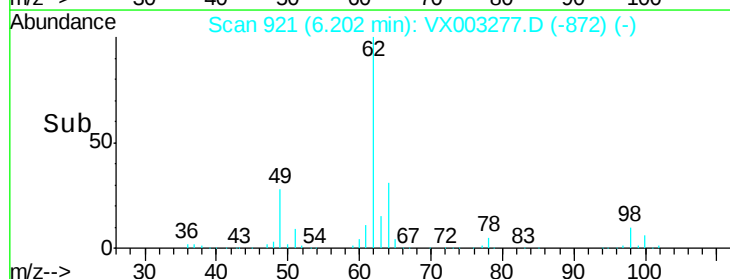
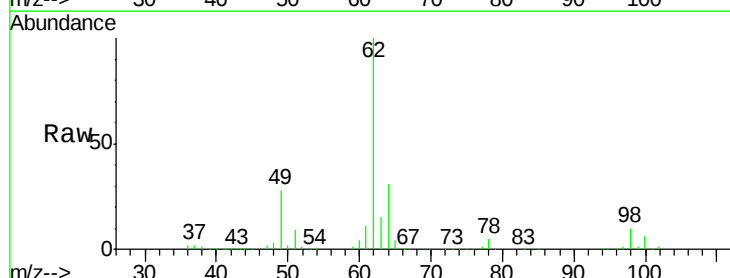
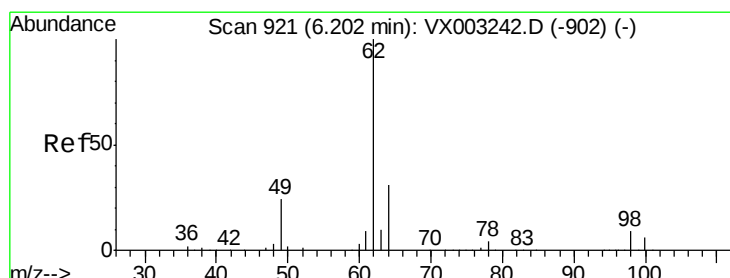
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.0 | 45.8  | 68.6  |       |
| 67      | 69.6 | 51.3  | 76.9  |       |
| 52      | 28.6 | 23.0  | 34.6  |       |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

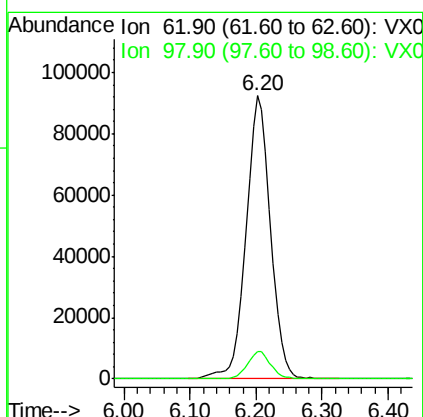
Manual Integrations  
APPROVED

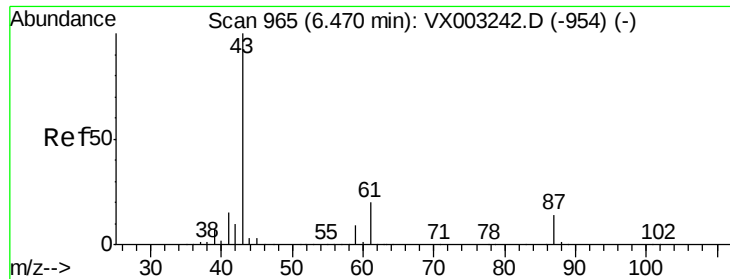
MMDadoda  
7/10/2018 3:11:57 PM



#42  
1,2-Dichloroethane  
Concen: 48.05 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.2 | 0.0   | 16.6  |       |





#43

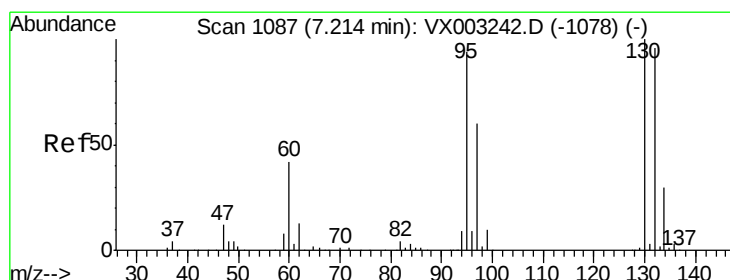
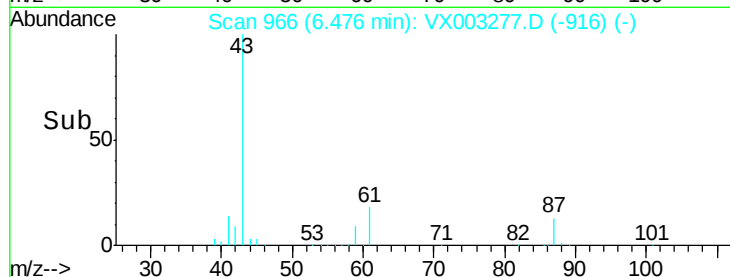
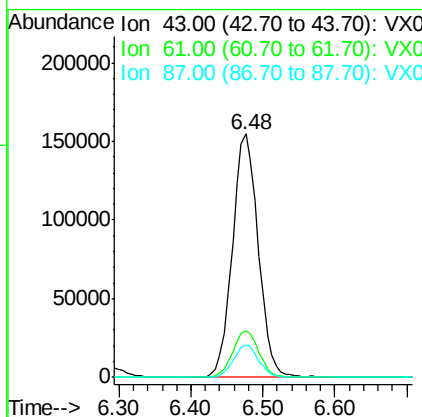
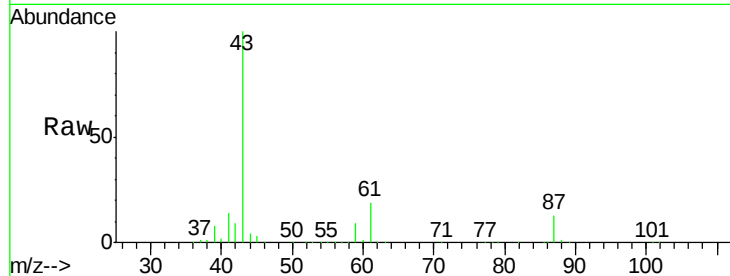
Isopropyl Acetate  
 Concen: 50.07 ug/l  
 RT: 6.48 min Scan# 966  
 Delta R.T. 0.01 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 14.4  | 21.6  |
| 87      | 13.1  | 9.5   | 14.3  |

Manual Integrations  
 APPROVED

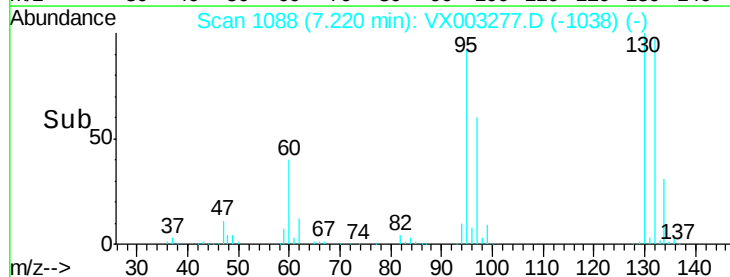
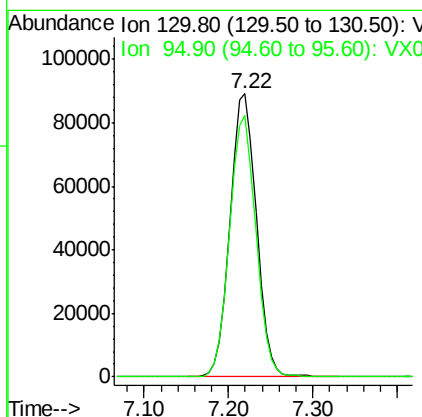
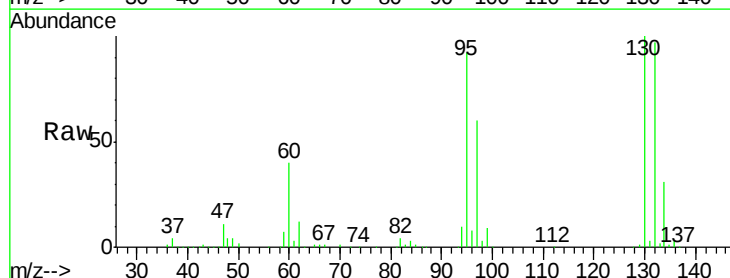
MMDadoda  
 7/10/2018 3:11:57 PM

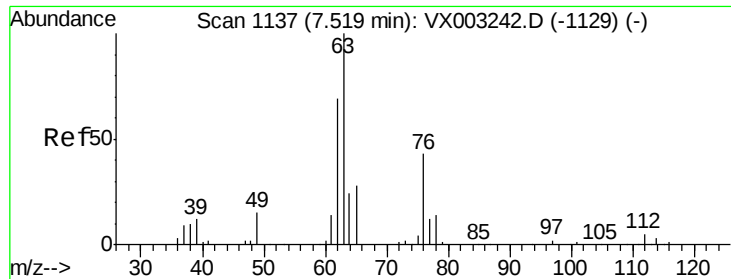


#44

Trichloroethene  
 Concen: 48.64 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.2  | 0.0   | 185.4 |





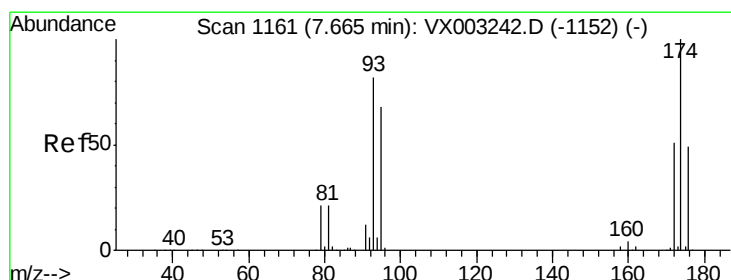
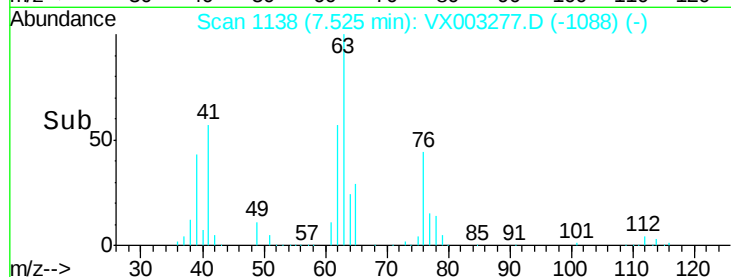
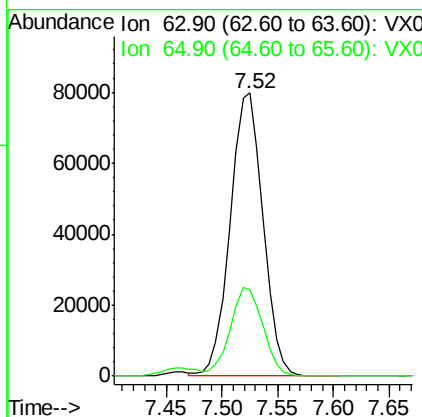
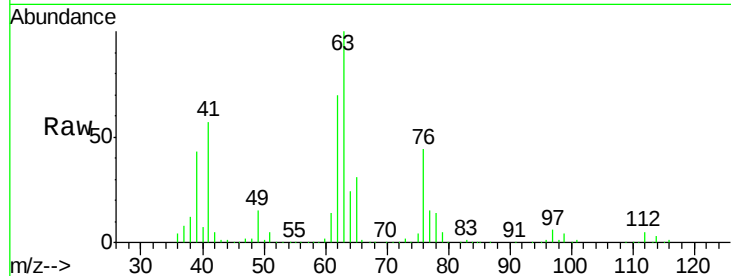
#45  
1,2-Dichloropropane  
Concen: 47.41 ug/l  
RT: 7.52 min Scan# 1138  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 63 Resp: 162460  
Ion Ratio Lower Upper  
63 100  
65 30.6 24.7 37.1

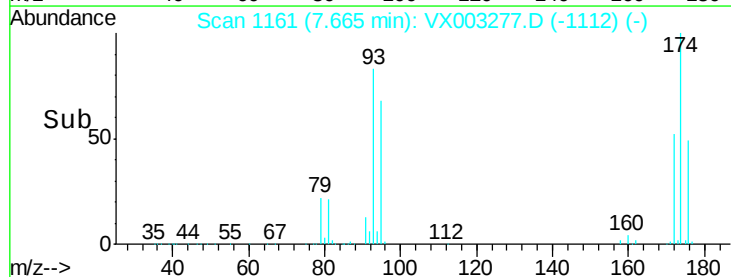
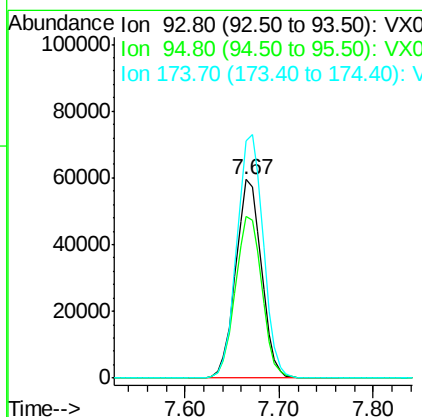
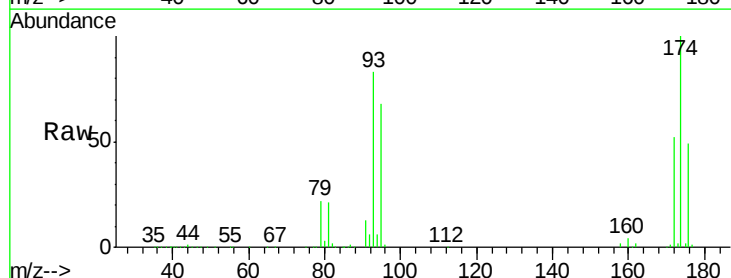
Manual Integrations  
APPROVED

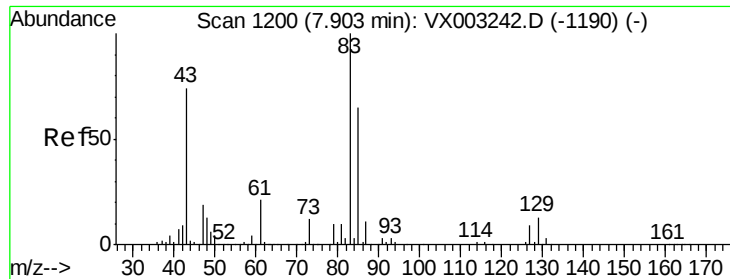
MMDadoda  
7/10/2018 3:11:57 PM



#46  
Dibromomethane  
Concen: 48.73 ug/l  
RT: 7.67 min Scan# 1161  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Tgt Ion: 93 Resp: 113804  
Ion Ratio Lower Upper  
93 100  
95 83.9 65.9 98.9  
174 125.4 92.4 138.6





#47

Bromodichloromethane

Concen: 50.16 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

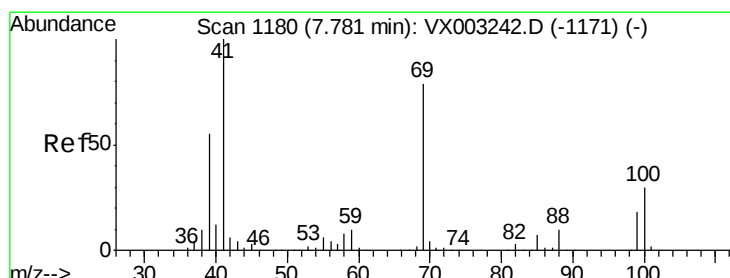
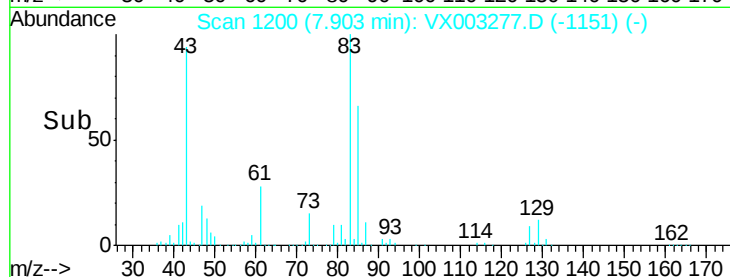
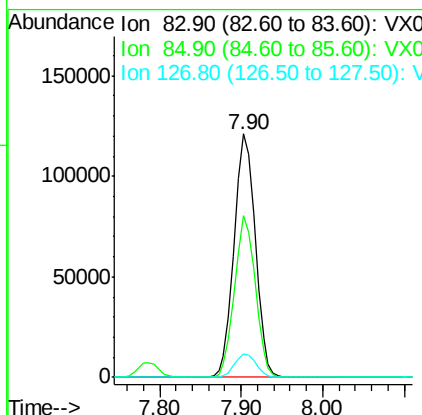
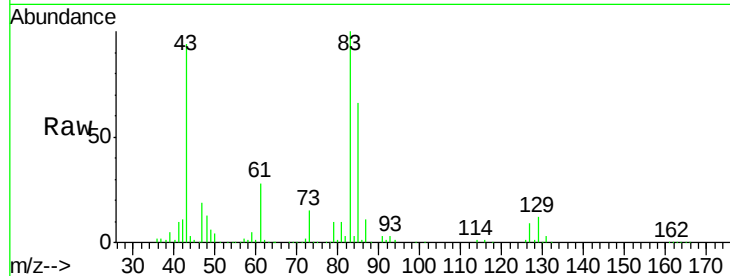
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 216127 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.4  | 50.3  | 75.5   |
| 127       | 9.4   | 7.0   | 10.4   |

Manual Integrations  
APPROVED

MMDadoda  
7/10/2018 3:11:57 PM



#48

Methyl methacrylate

Concen: 51.91 ug/l

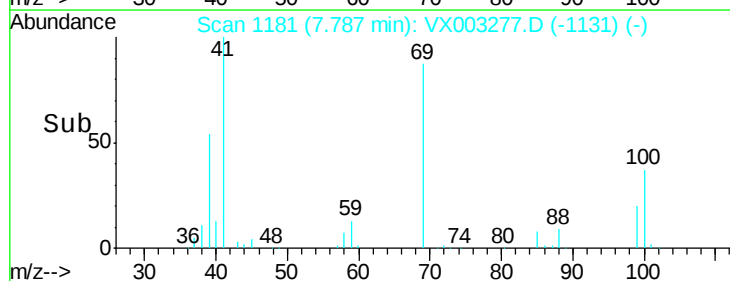
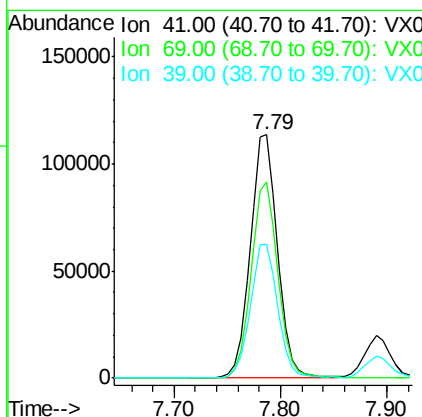
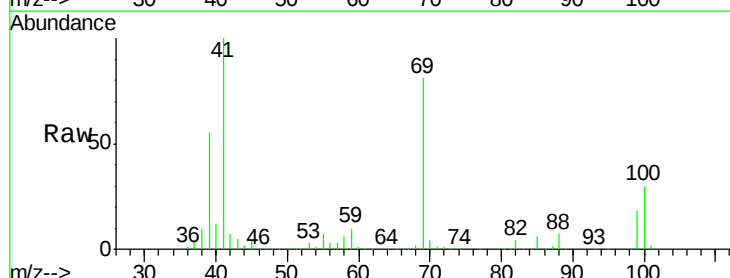
RT: 7.79 min Scan# 1181

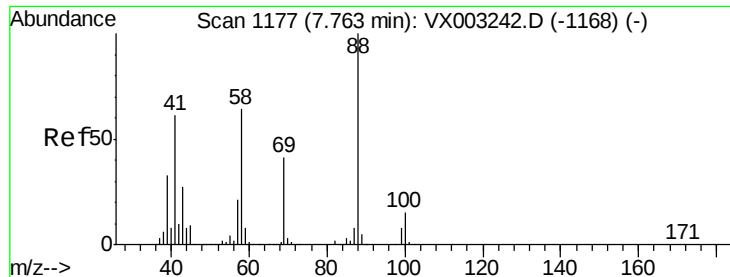
Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 203807 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 79.4  | 59.1  | 88.7   |
| 39        | 55.3  | 48.9  | 73.3   |





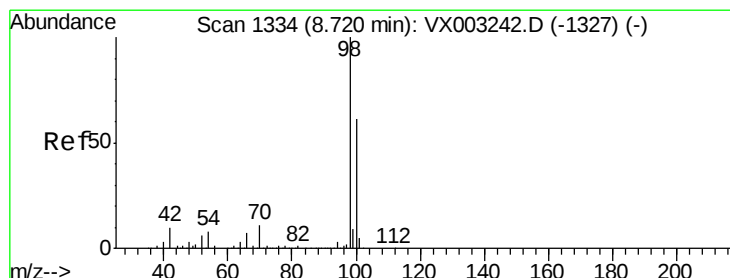
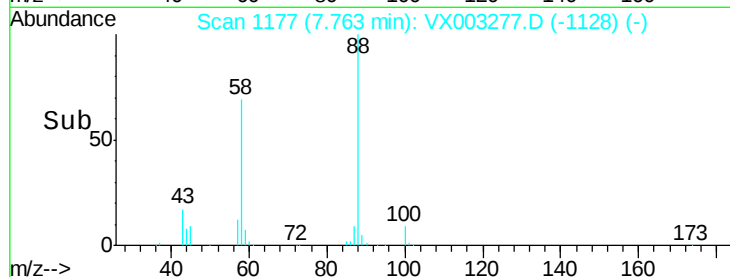
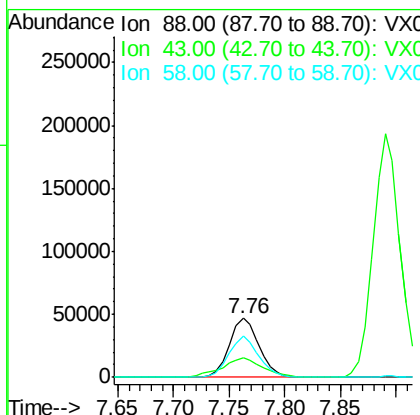
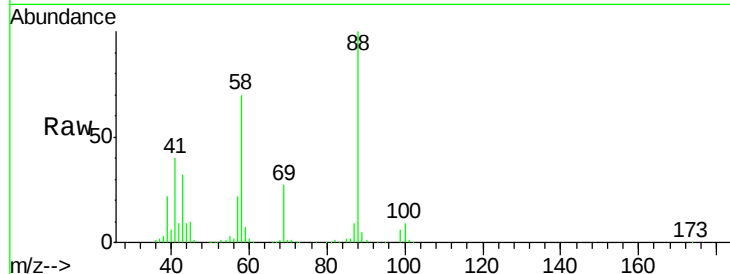
#49  
 1,4-Dioxane  
 Concen: 1062.39 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 44.0  | 29.8  | 44.6  |
| 58      | 70.2  | 57.1  | 85.7  |

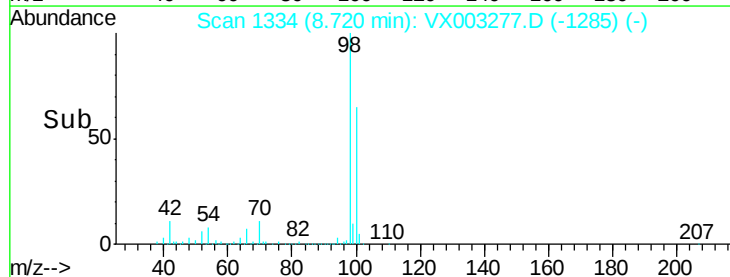
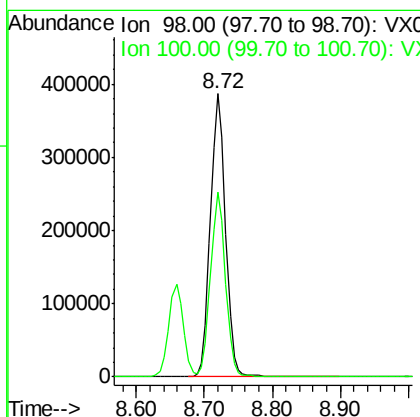
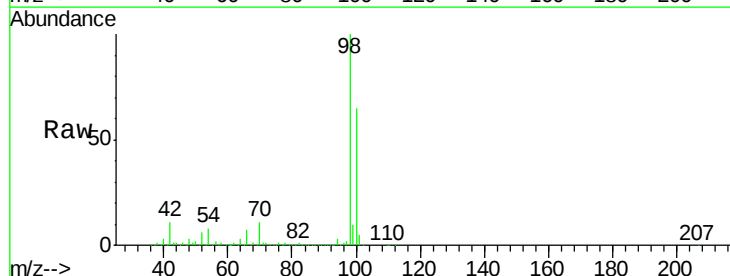
Manual Integrations  
 APPROVED

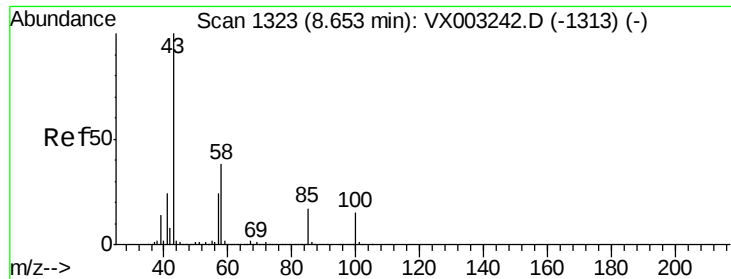
MMDadoda  
 7/10/2018 3:11:57 PM



#50  
 Toluene-d8  
 Concen: 50.00 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.5  | 50.9  | 76.3  |





#51

4-Methyl-2-Pentanone

Concen: 266.17 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1268632

Ion Ratio Lower Upper

43 100

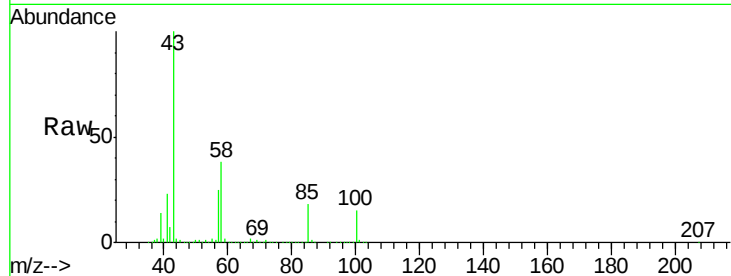
58 37.6 28.6 42.8

Manual Integrations

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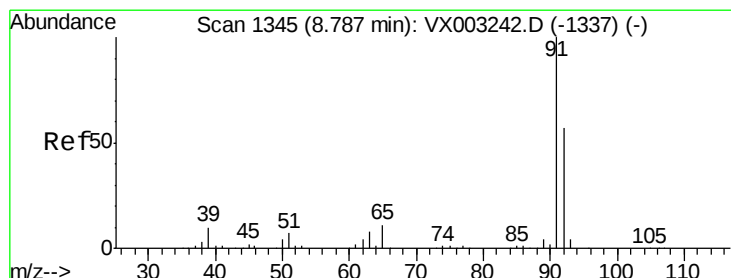
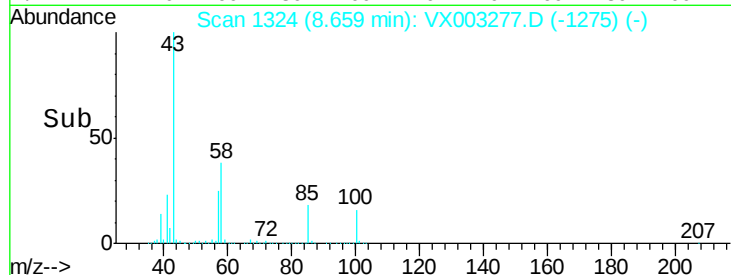
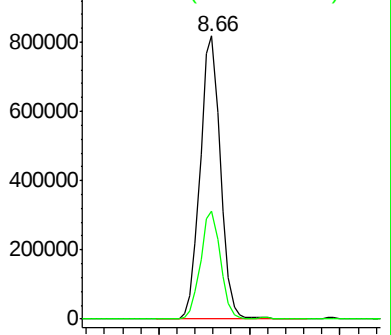
MMDadoda

7/10/2018 3:11:57 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.58 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003277.D

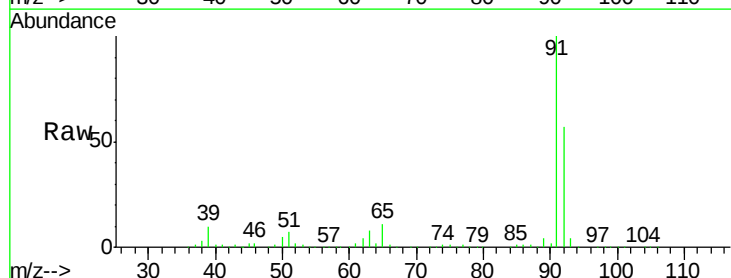
Acq: 10 Jul 2018 06:17

Tgt Ion: 92 Resp: 413085

Ion Ratio Lower Upper

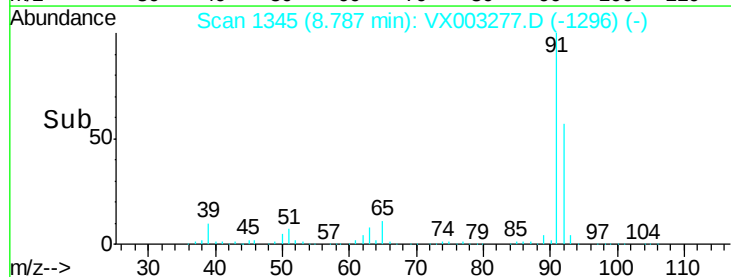
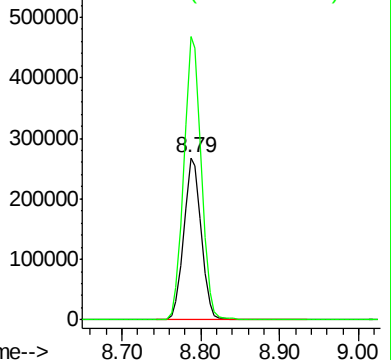
92 100

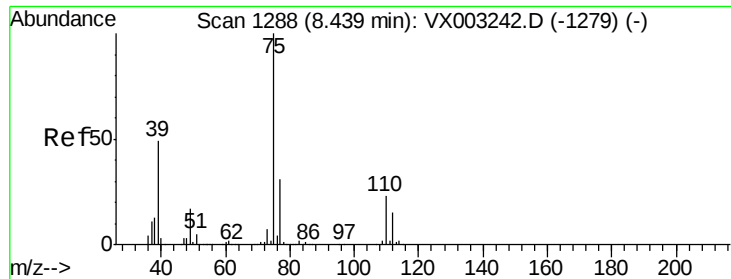
91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.51 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 230744

Ion Ratio Lower Upper

75 100

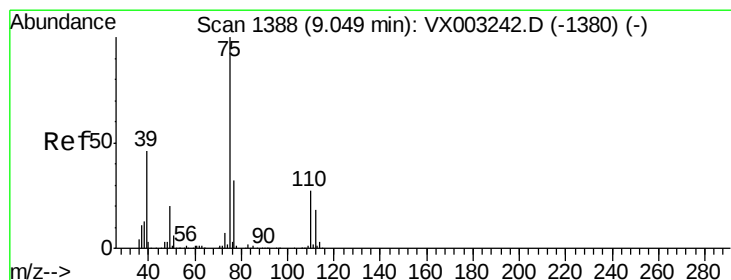
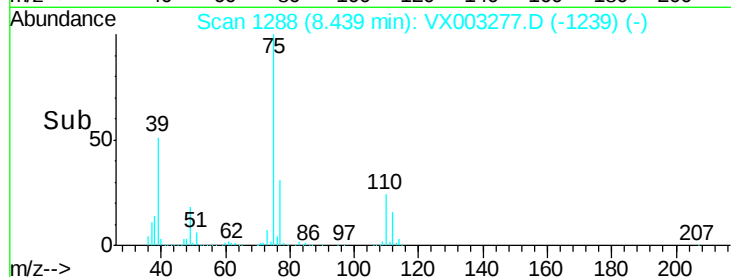
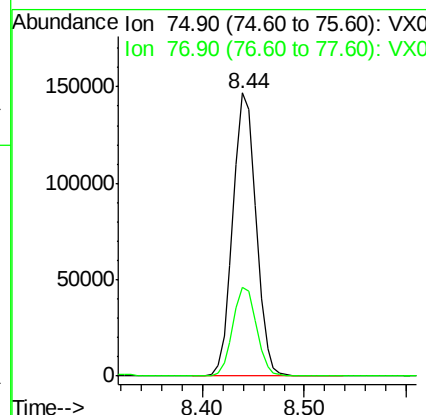
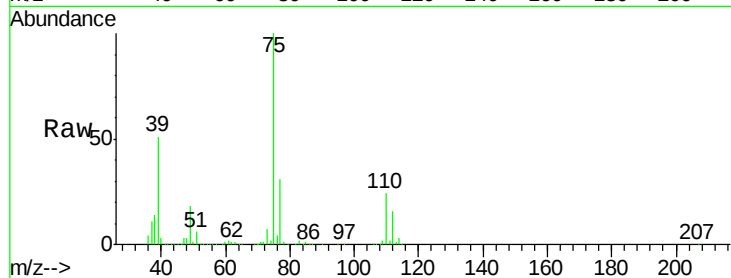
77 31.4 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.02 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

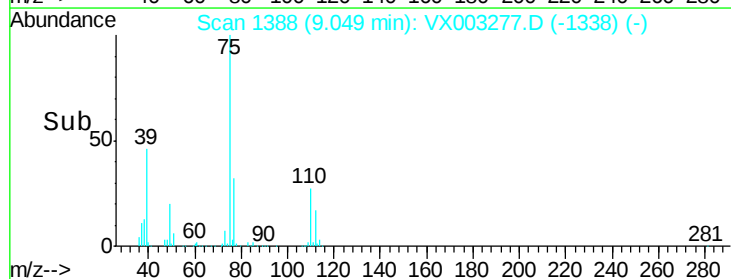
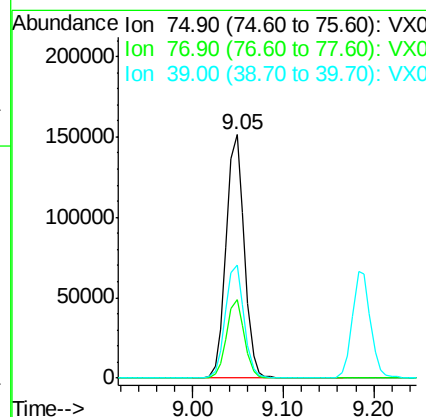
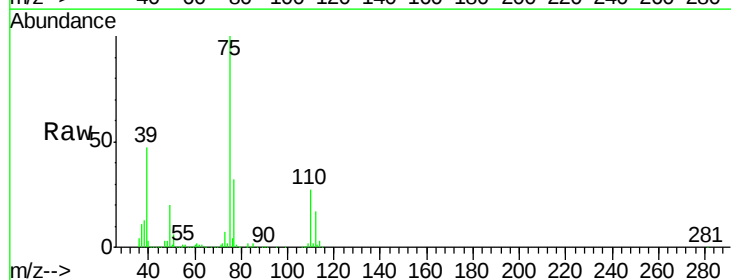
Tgt Ion: 75 Resp: 212376

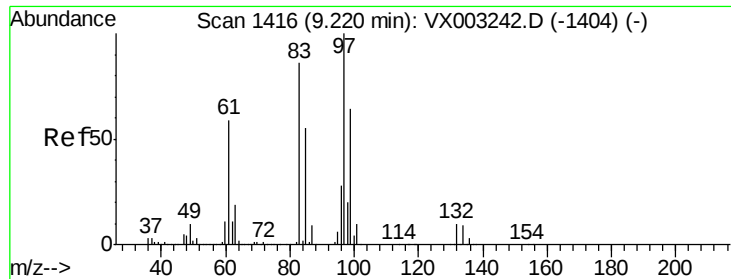
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 46.4 42.4 63.6





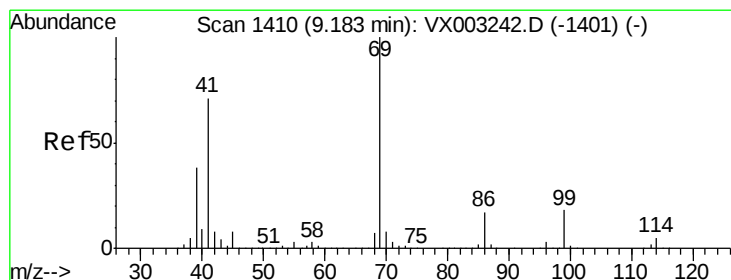
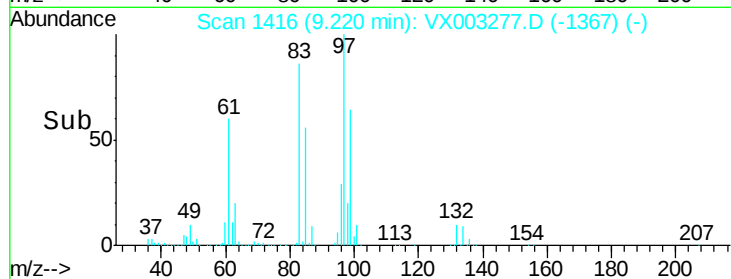
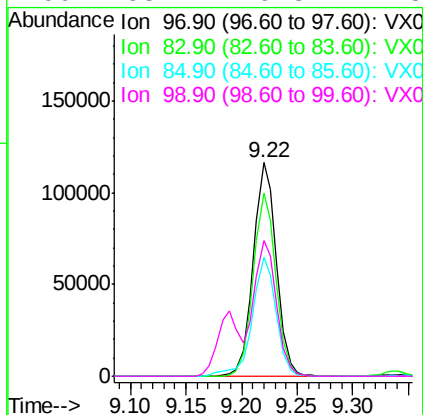
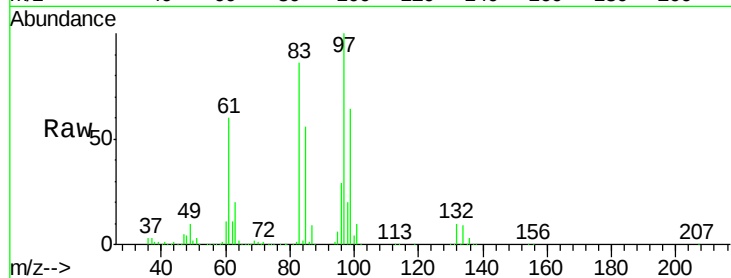
#55  
 1,1,2-Trichloroethane  
 Concen: 48.74 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | 97    | Resp  | 168435 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 85.9  | 70.2  | 105.2  |
| 85      | 55.7  | 44.9  | 67.3   |
| 99      | 63.7  | 49.8  | 74.8   |

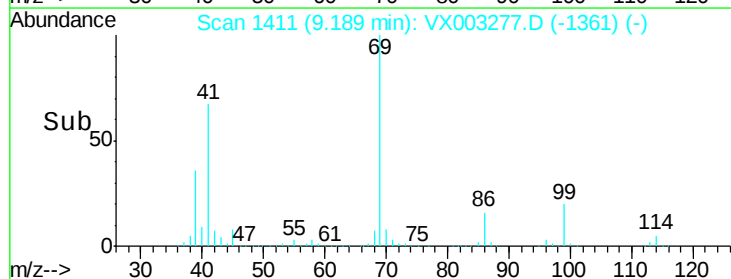
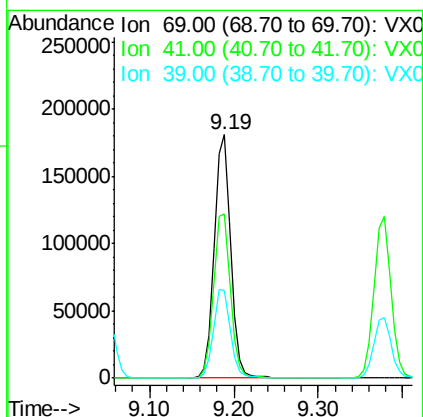
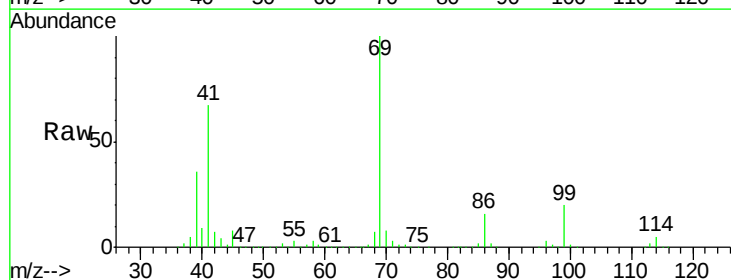
Manual Integrations  
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#56  
 Ethyl methacrylate  
 Concen: 52.22 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | 69    | Resp  | 247195 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 69.2  | 60.3  | 90.5   |
| 39      | 37.6  | 35.8  | 53.8   |





#57

1,3-Dichloropropane

Concen: 48.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 271330

Ion Ratio Lower Upper

76 100

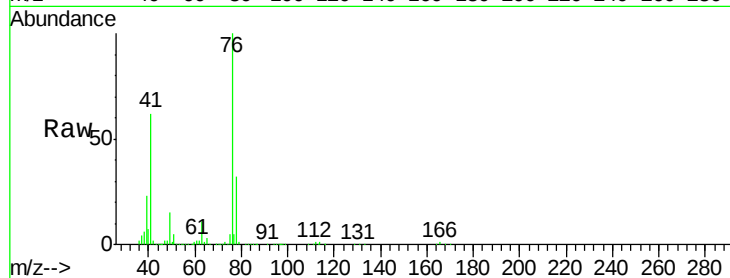
78 32.6 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

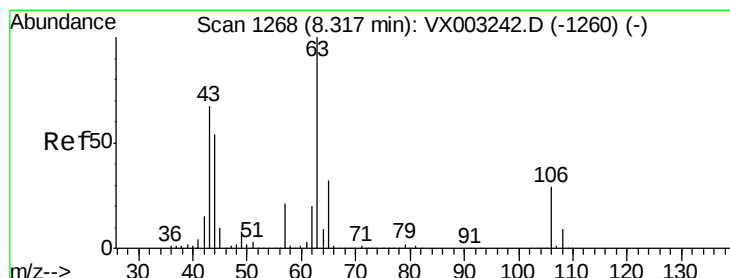
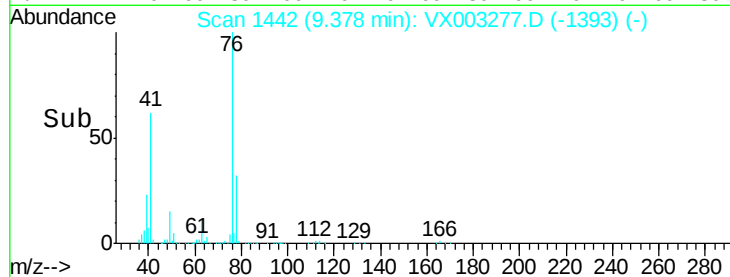
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 270.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003277.D

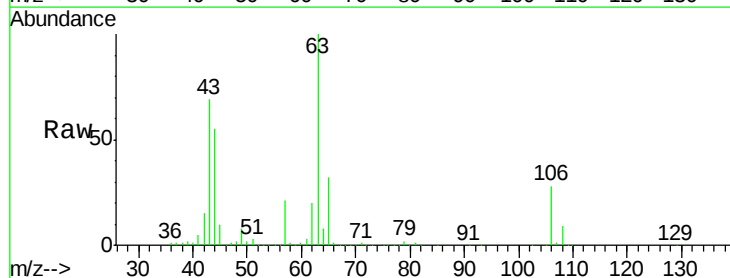
Acq: 10 Jul 2018 06:17

Tgt Ion: 63 Resp: 617487

Ion Ratio Lower Upper

63 100

106 29.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

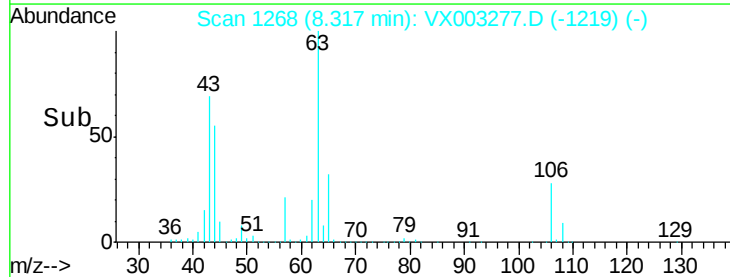
300000

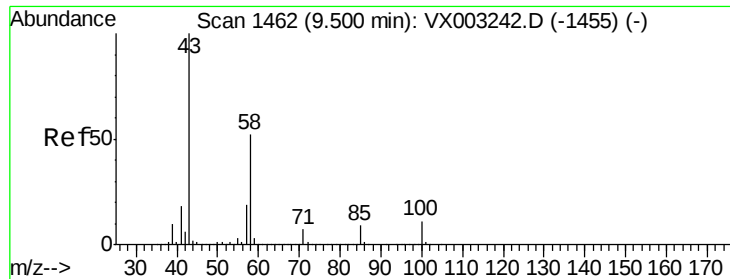
200000

100000

0

Time-->





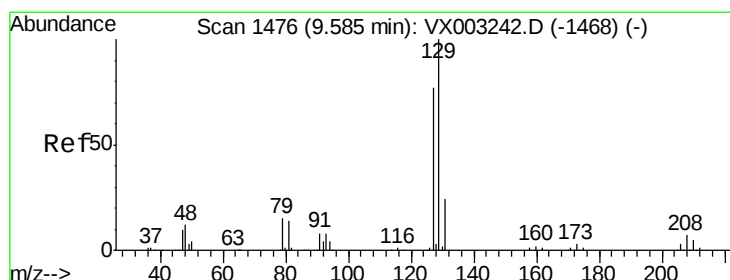
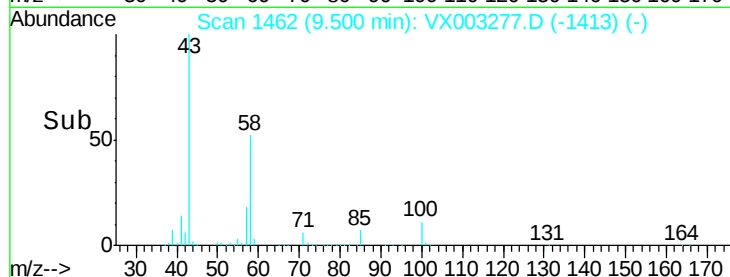
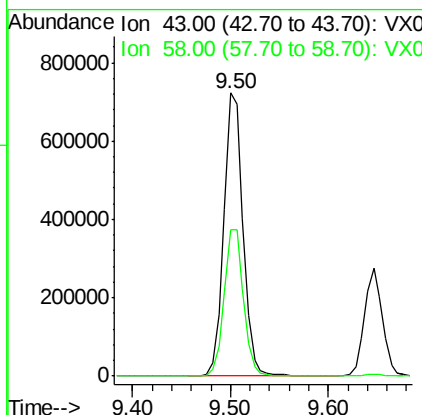
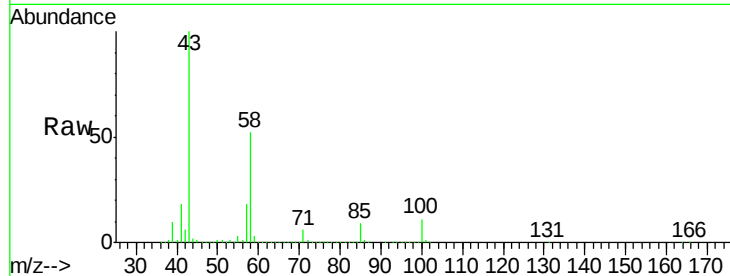
#59  
2-Hexanone  
Concen: 271.13 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 981507  
Ion Ratio Lower Upper  
43 100  
58 52.5 24.6 73.6

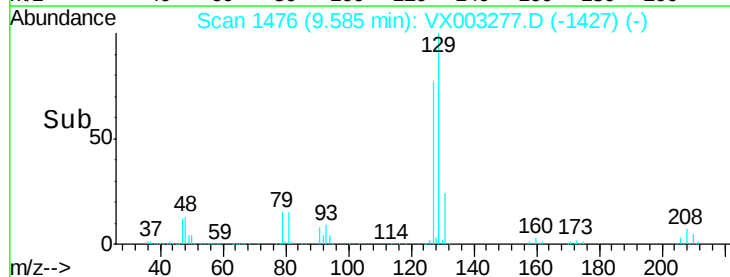
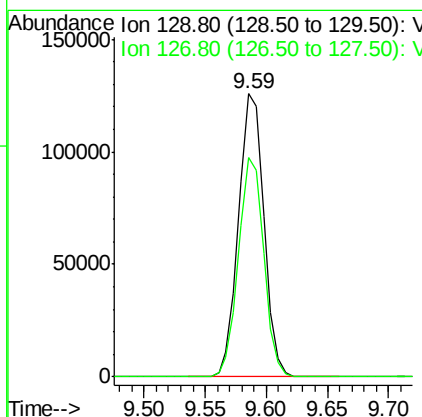
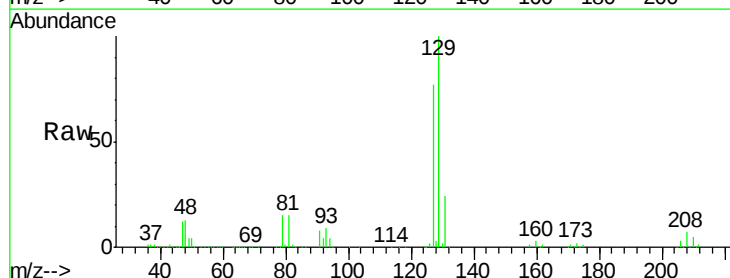
Manual Integrations  
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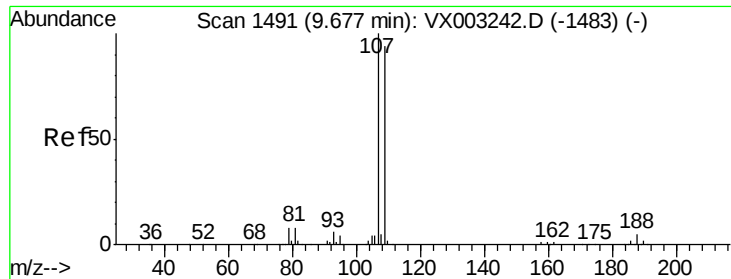
MMDadoda  
7/10/2018 3:11:57 PM



#60  
Dibromochloromethane  
Concen: 50.12 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Tgt Ion: 129 Resp: 180855  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 179661

Ion Ratio Lower Upper

107 100

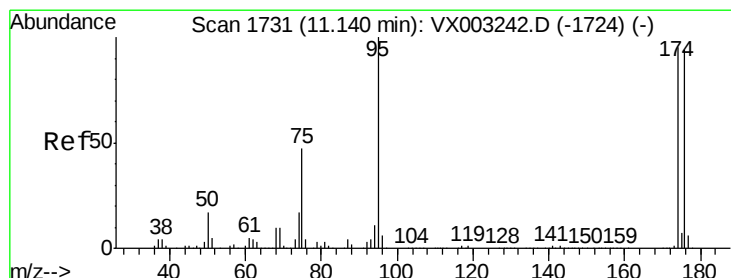
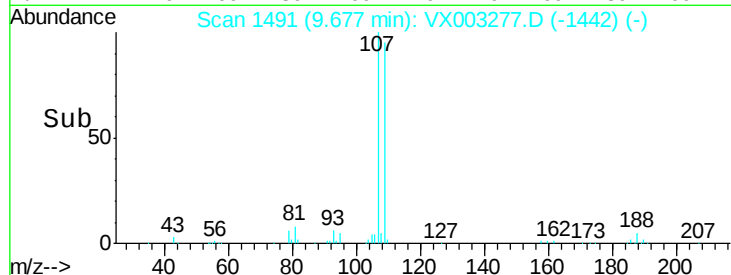
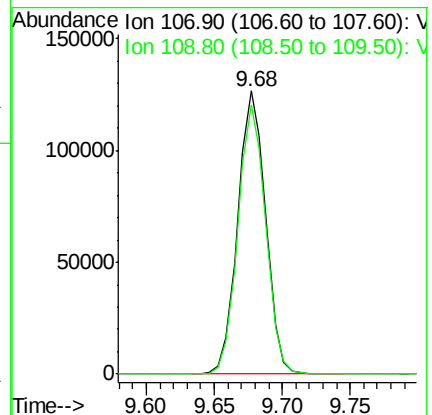
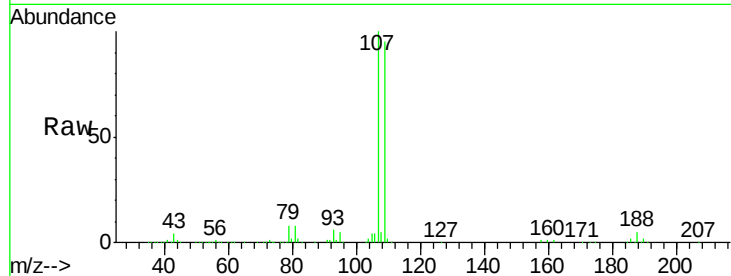
109 94.9 75.3 112.9

Manual Integrations

APPROVED

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#62

4-Bromofluorobenzene

Concen: 50.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

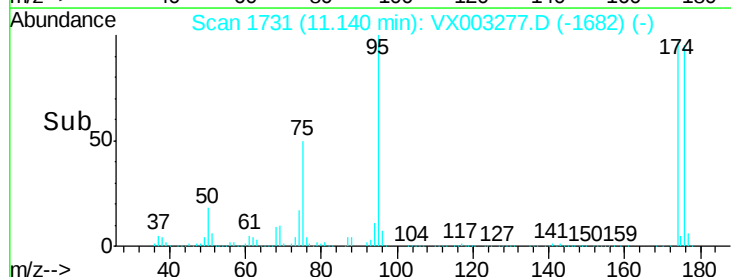
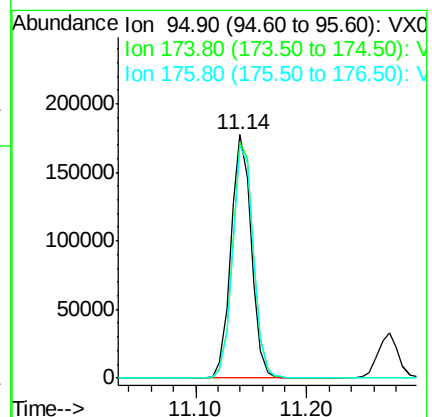
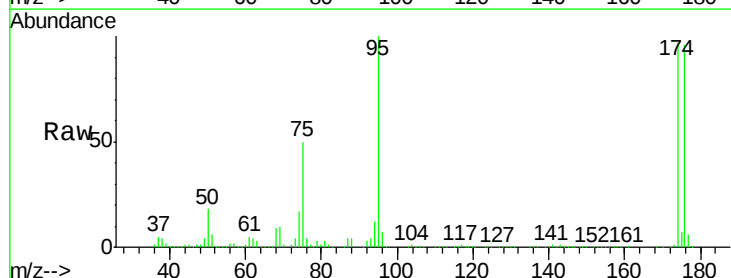
Tgt Ion: 95 Resp: 223795

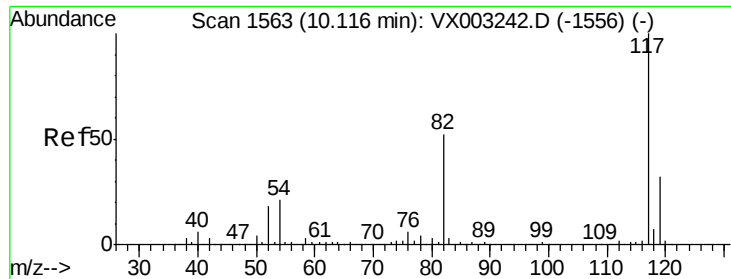
Ion Ratio Lower Upper

95 100

174 99.0 0.0 187.4

176 96.9 0.0 181.0





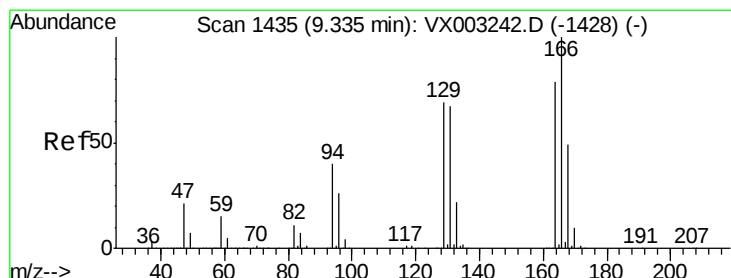
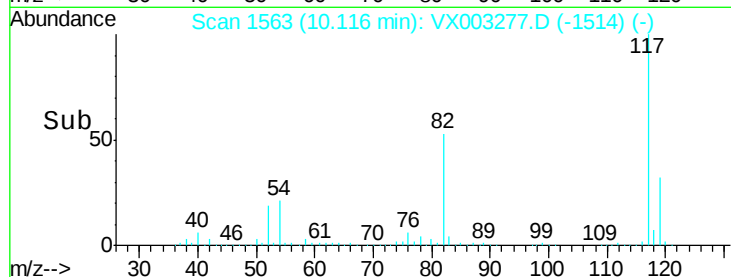
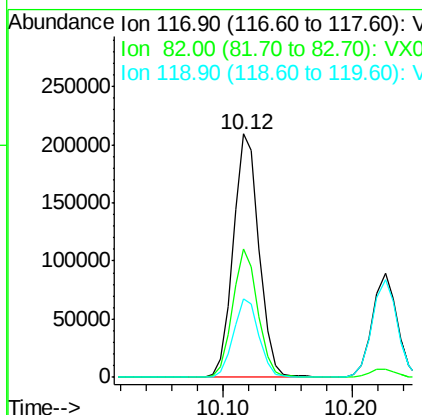
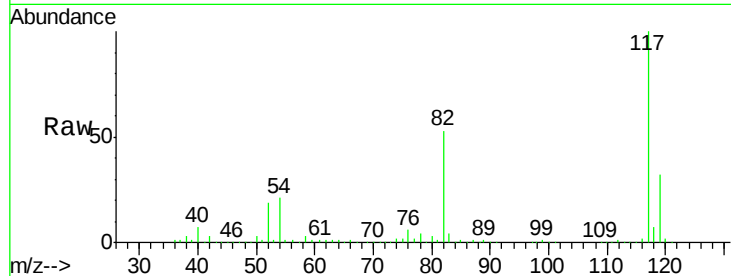
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.8  | 45.0  | 67.4  |
| 119     | 32.2  | 25.8  | 38.6  |

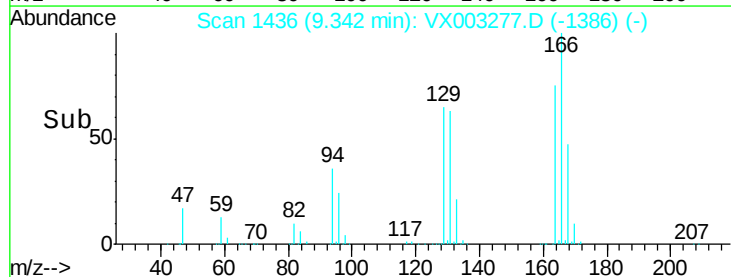
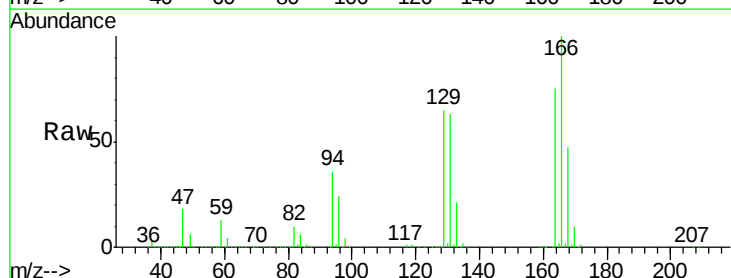
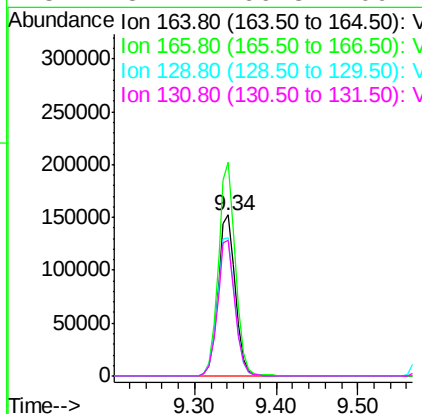
Manual Integrations  
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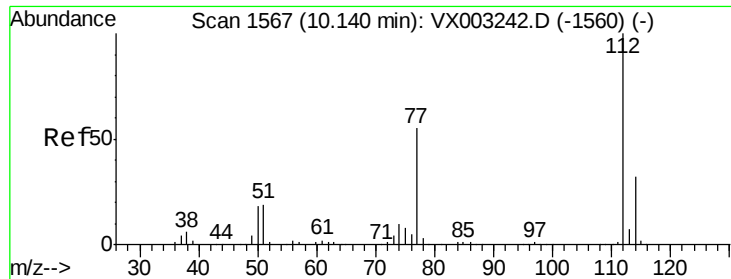
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 51.28 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.8 | 102.9 | 154.3 |
| 129     | 85.7  | 68.6  | 102.8 |
| 131     | 84.2  | 66.8  | 100.2 |





#65

Chlorobenzene

Concen: 47.70 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 473250

Ion Ratio Lower Upper

112 100

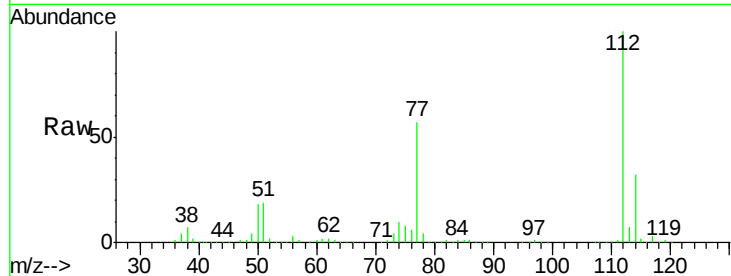
114 32.2 25.3 37.9

Manual Integrations

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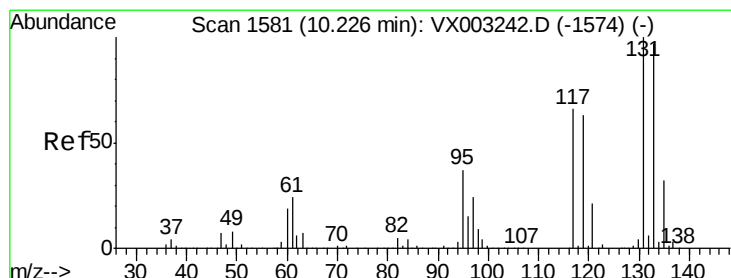
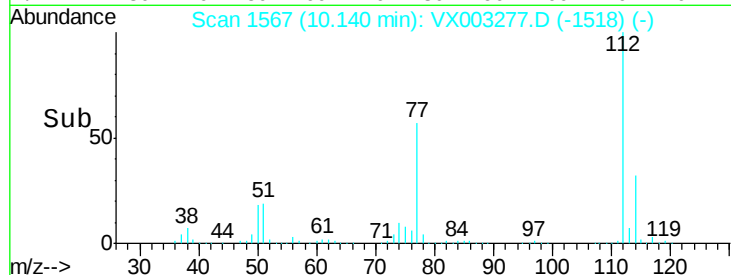
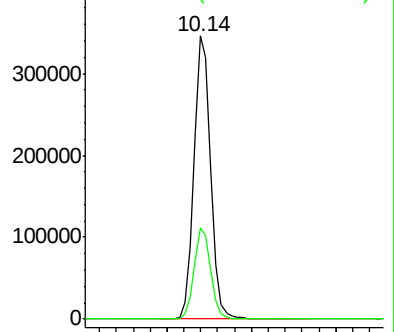
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.58 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

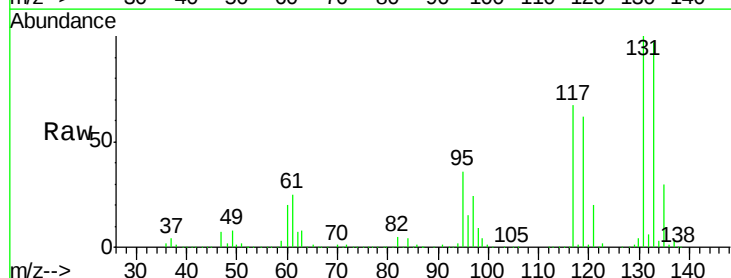
Tgt Ion:131 Resp: 177456

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

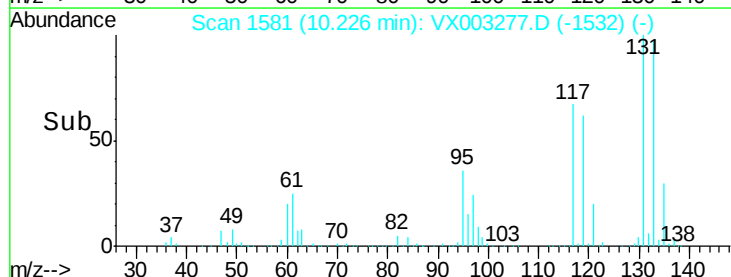
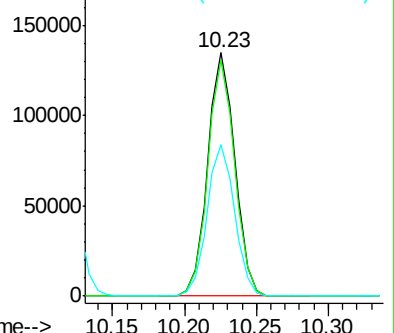
119 63.0 31.8 95.3

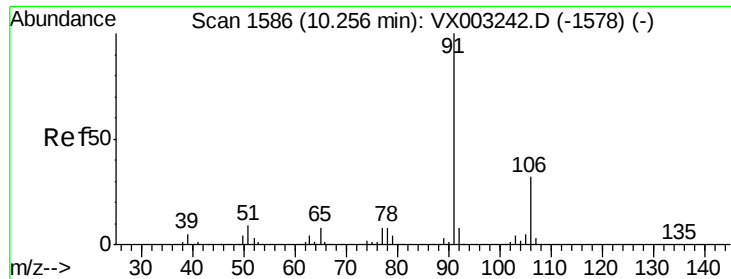


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





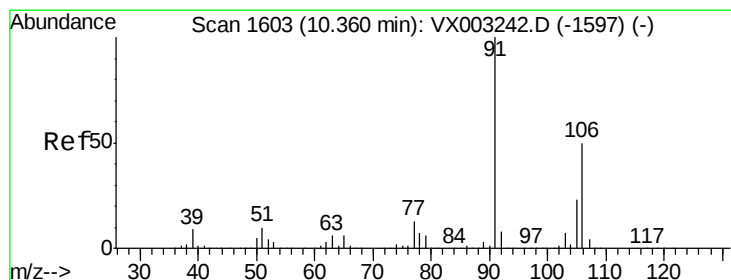
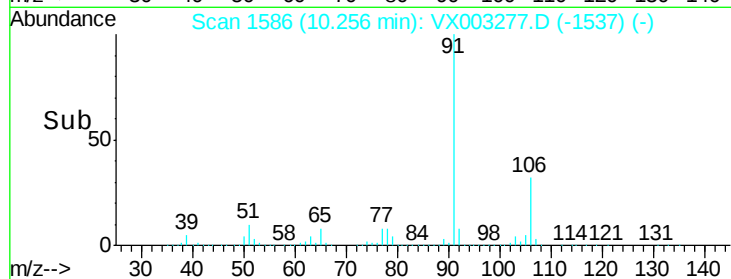
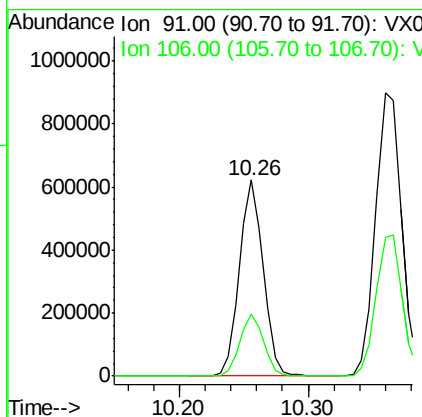
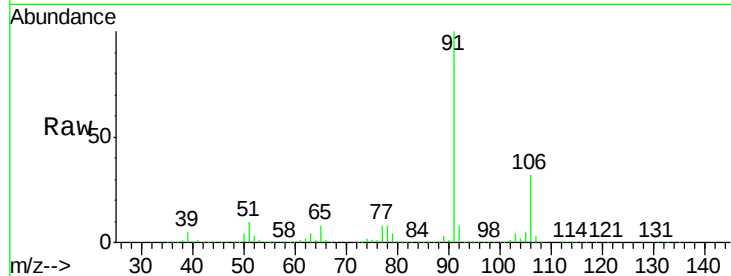
#67  
Ethyl Benzene  
Concen: 49.64 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 796420  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.5 38.3

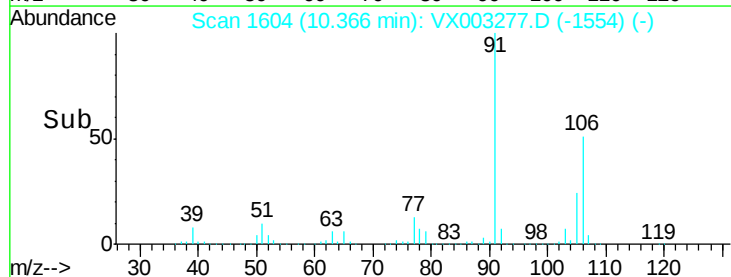
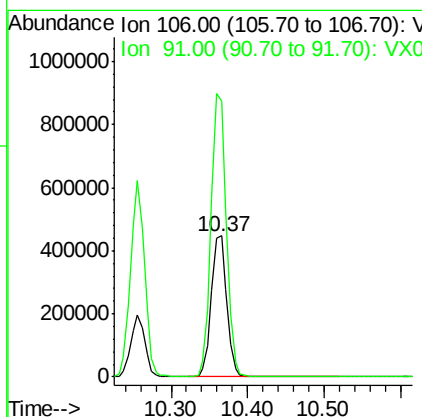
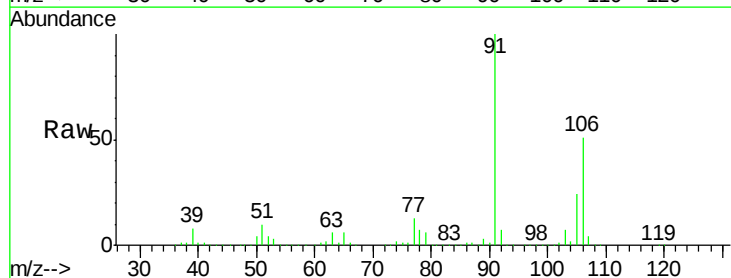
Manual Integrations  
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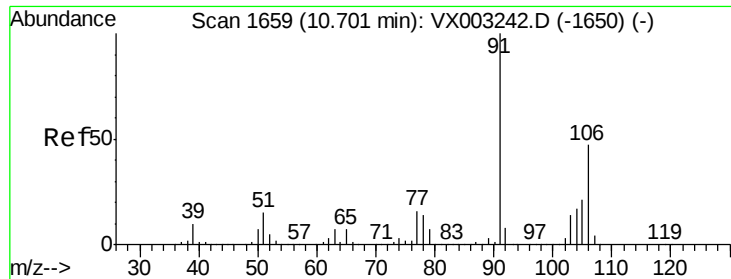
MMDadoda  
7/10/2018 3:11:57 PM



#68  
m/p-Xylenes  
Concen: 100.32 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Tgt Ion: 106 Resp: 626128  
Ion Ratio Lower Upper  
106 100  
91 199.6 163.4 245.2





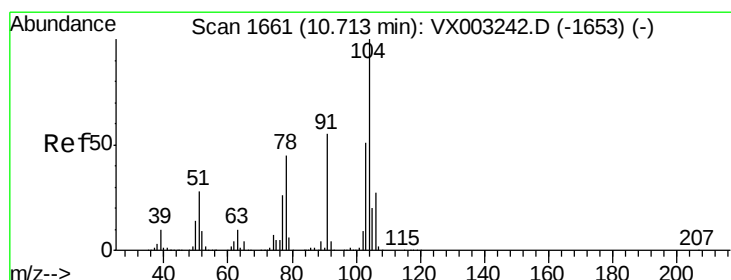
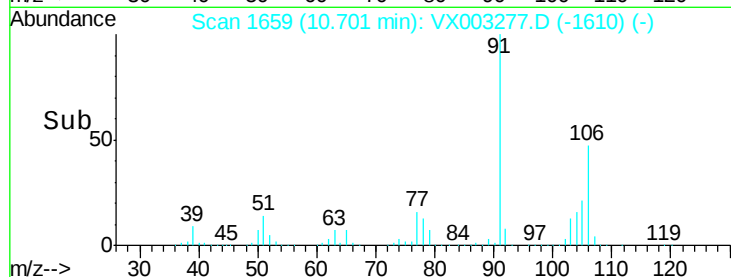
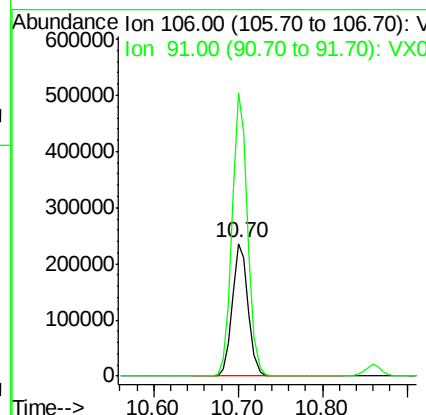
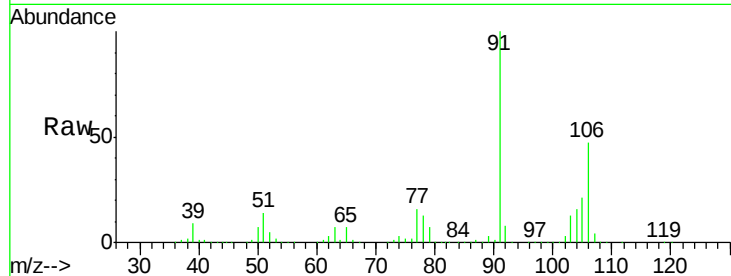
#69  
o-Xylene  
Concen: 50.19 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.3 | 108.2 | 324.6 |

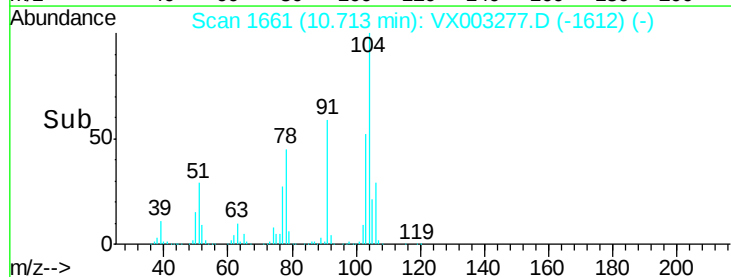
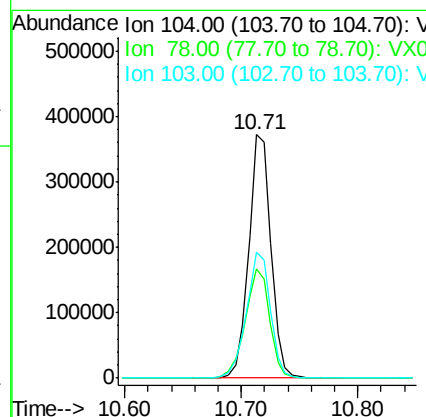
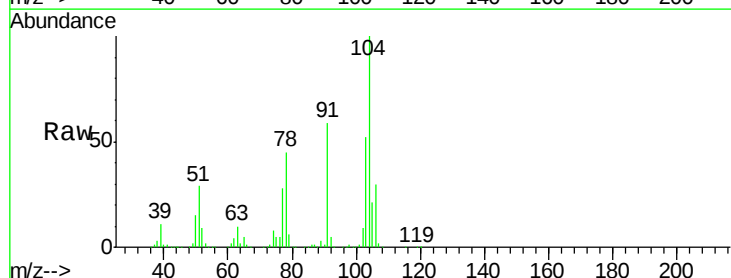
Manual Integrations  
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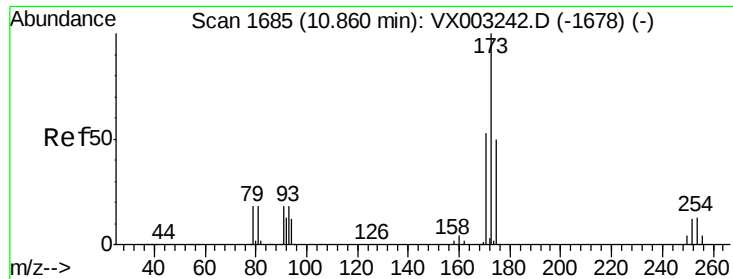
MMDadoda  
7/10/2018 3:11:57 PM



#70  
Styrene  
Concen: 50.80 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 49.1  | 41.0  | 61.6  |
| 103     | 55.8  | 44.2  | 66.4  |





#71

Bromoform

Concen: 50.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 148349

Ion Ratio Lower Upper

173 100

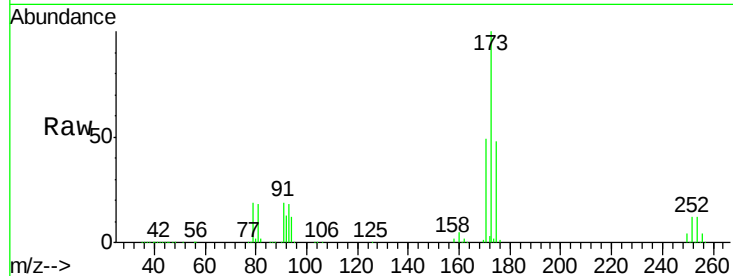
175 49.0 24.7 74.1

254 0.2 0.2 0.2

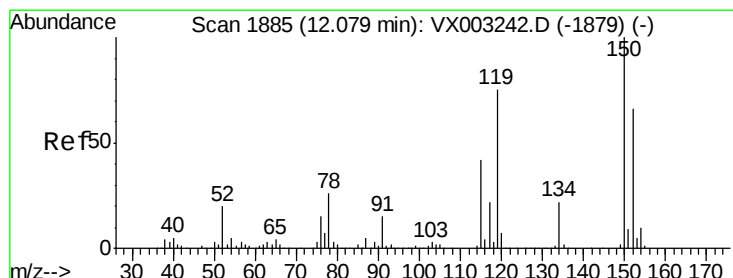
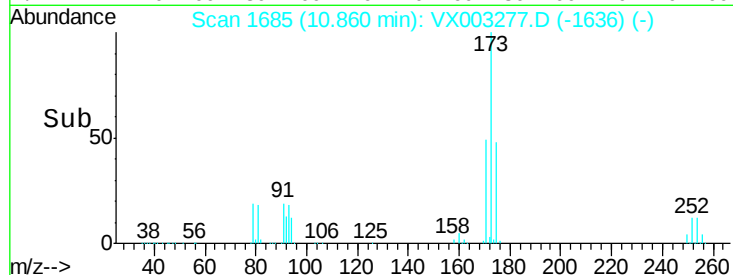
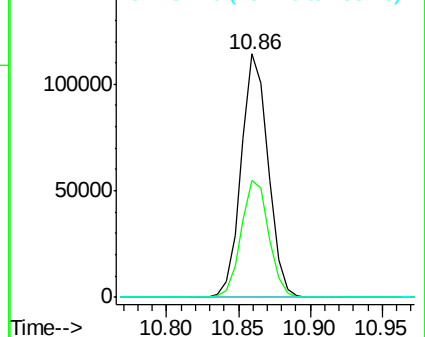
Manual Integrations  
APPROVED

MMDadoda

7/10/2018 3:11:57 PM



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

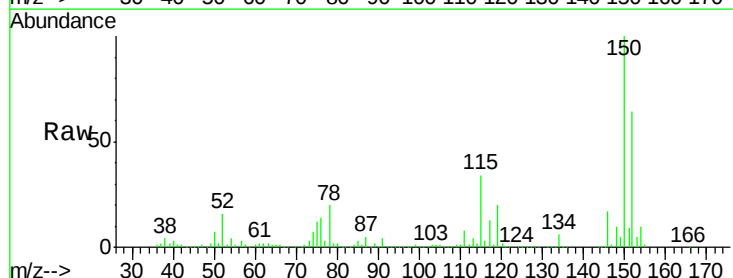
Tgt Ion:152 Resp: 208604

Ion Ratio Lower Upper

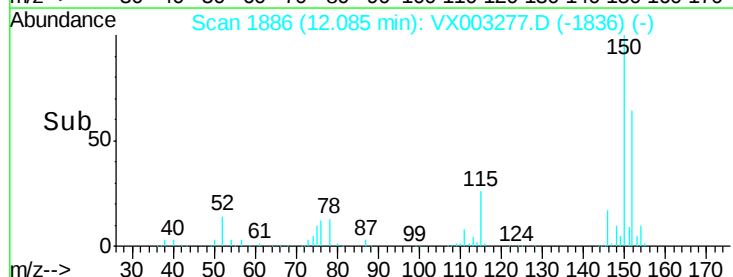
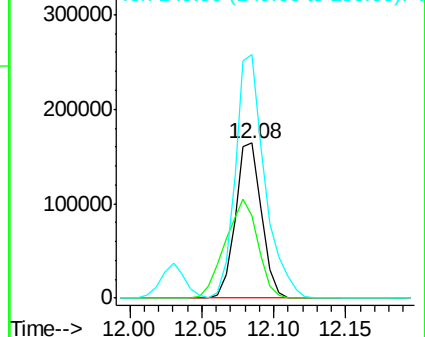
152 100

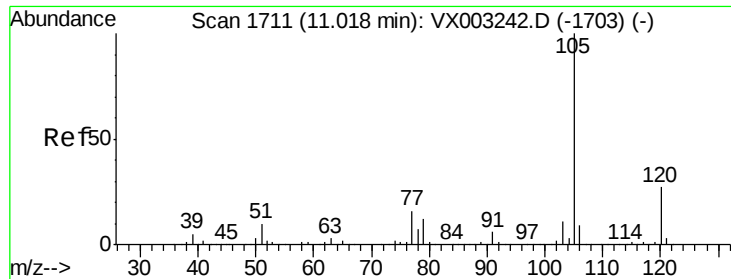
115 79.7 40.1 120.2

150 175.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 820251

Ion Ratio Lower Upper

105 100

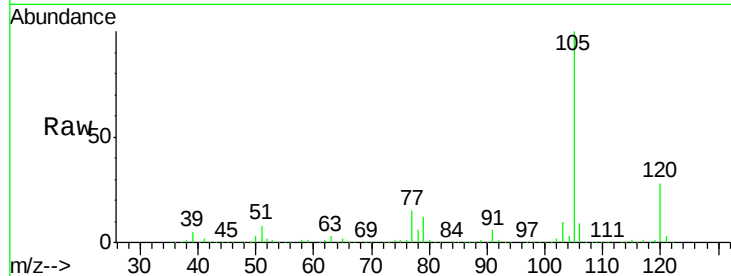
120 27.3 13.5 40.4

Manual Integrations

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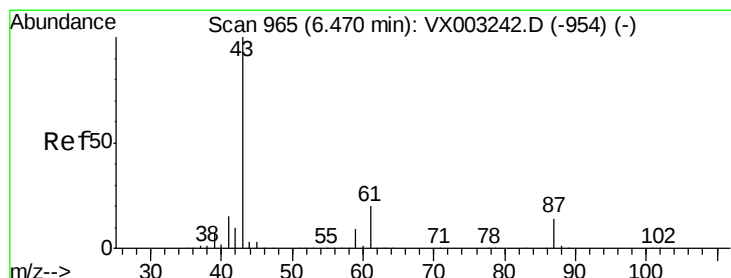
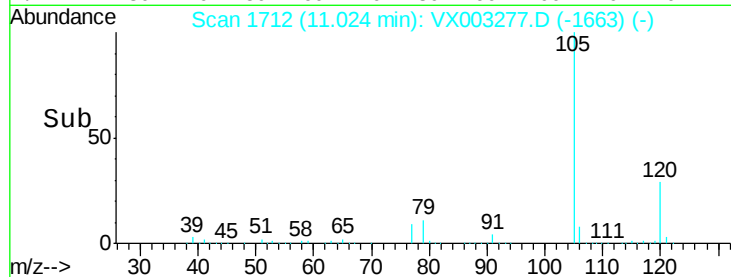
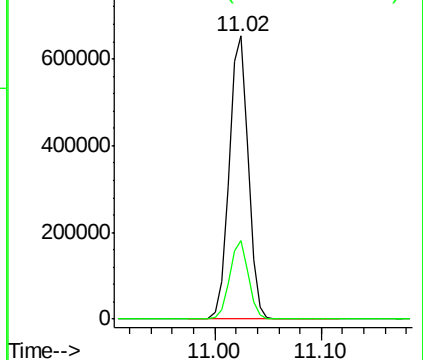
MMDadoda

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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: 48.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Tgt Ion: 43 Resp: 383305

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

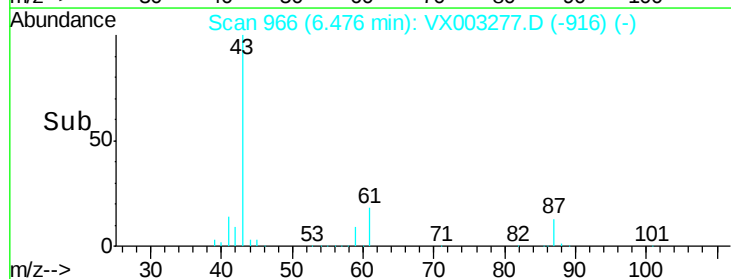
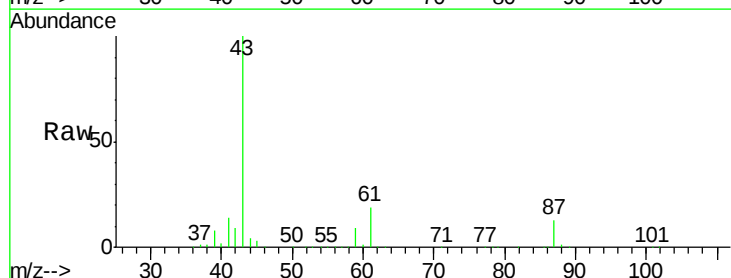
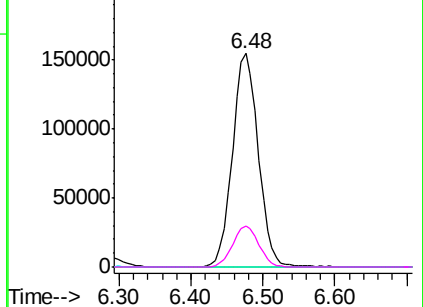
61 19.3 14.4 21.6

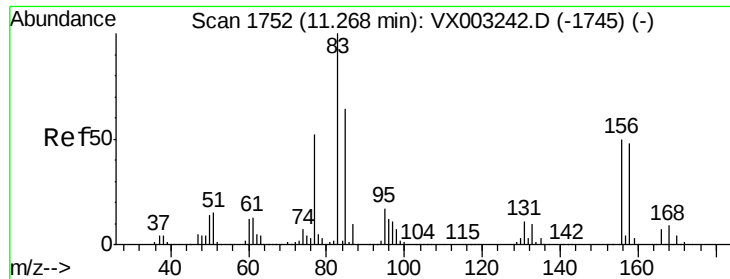
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

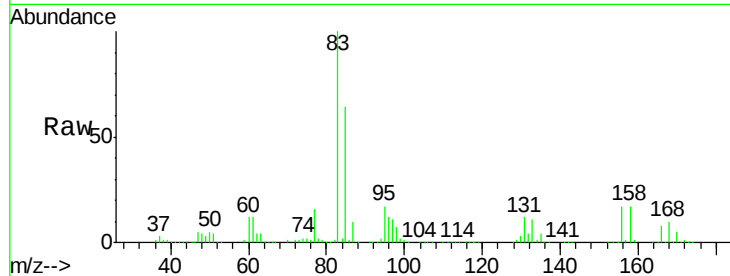
ClientSampled :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 250456 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.3  | 5.6   | 16.8   |
| 85        | 64.2  | 32.4  | 97.2   |

Manual Integrations  
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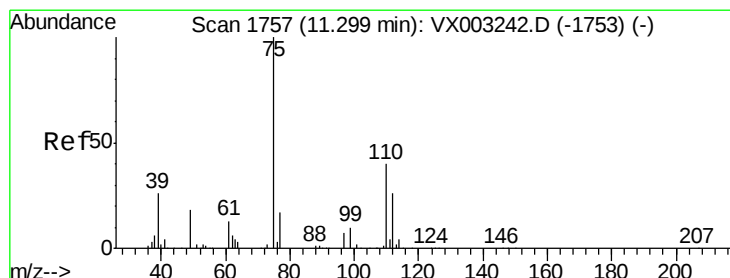
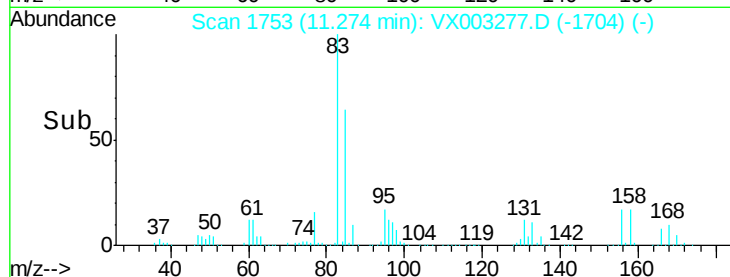
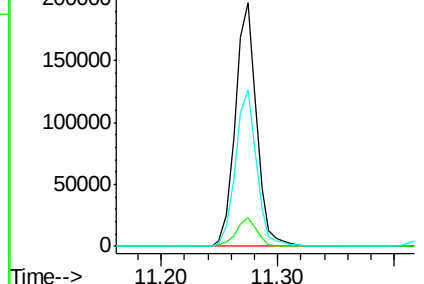
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.56 ug/l m

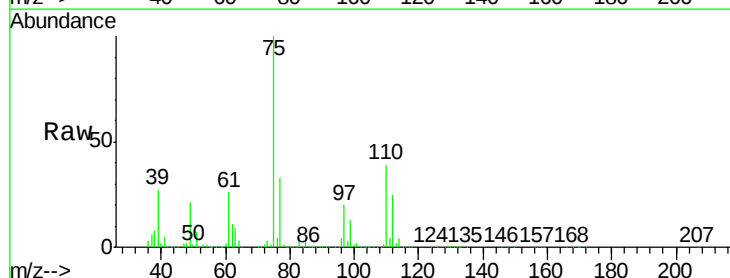
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003277.D

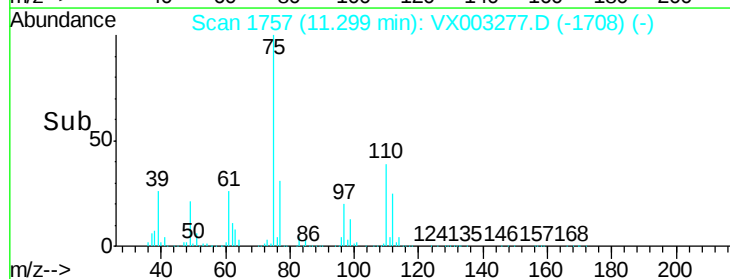
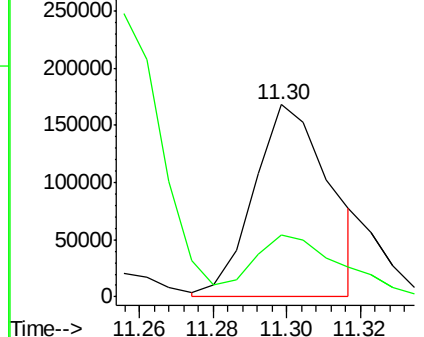
Acq: 10 Jul 2018 06:17

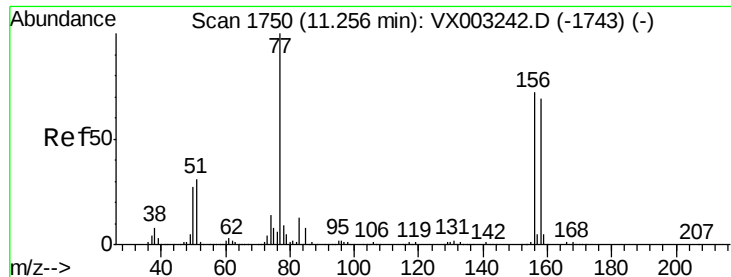
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 241455 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 37.6  | 22.8  | 68.3   |



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 229849

Ion Ratio Lower Upper

156 100

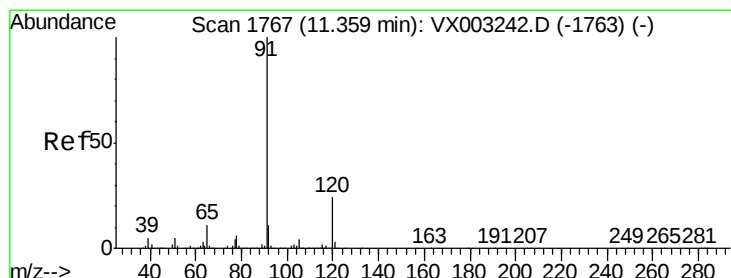
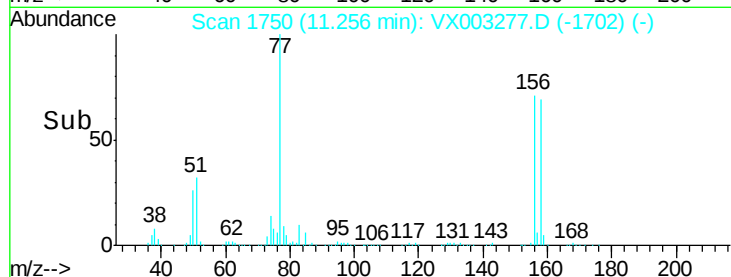
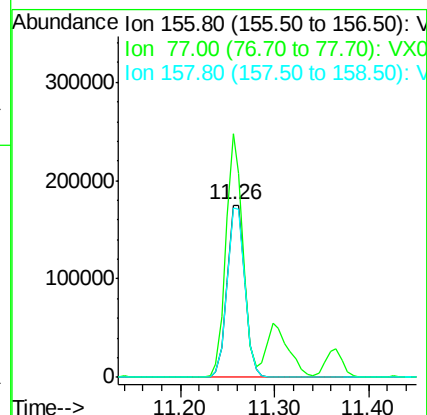
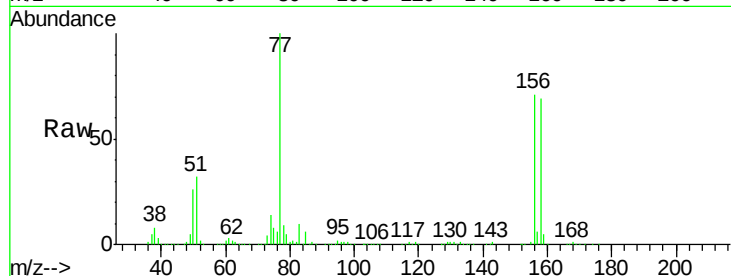
77 133.1 71.4 214.2

158 98.5 48.9 146.6

Manual Integrations  
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#78

n-propylbenzene

Concen: 50.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003277.D

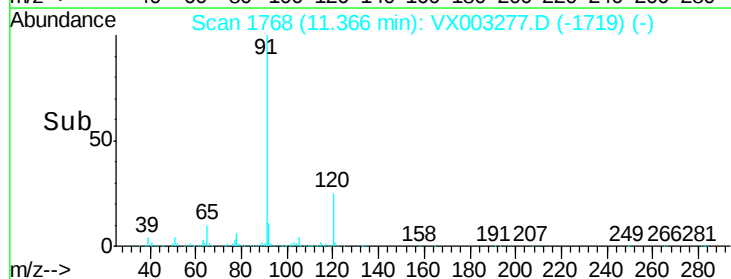
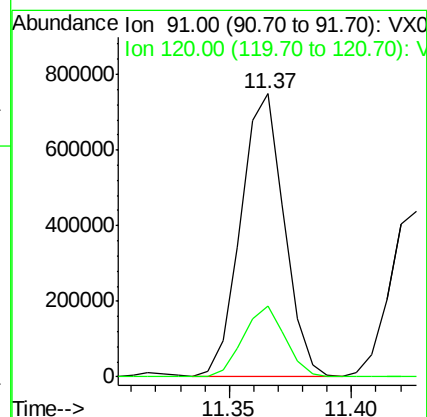
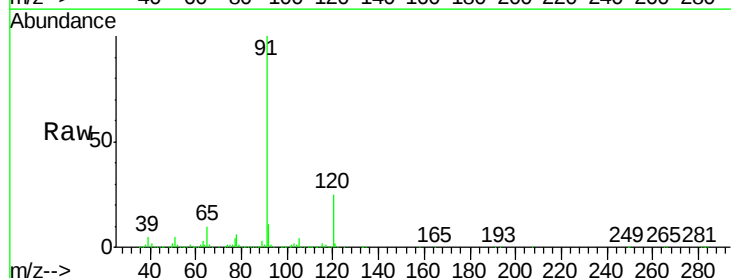
Acq: 10 Jul 2018 06:17

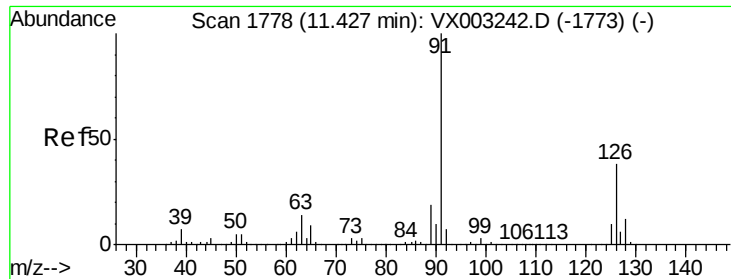
Tgt Ion: 91 Resp: 917685

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 48.86 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 545080

Ion Ratio Lower Upper

91 100

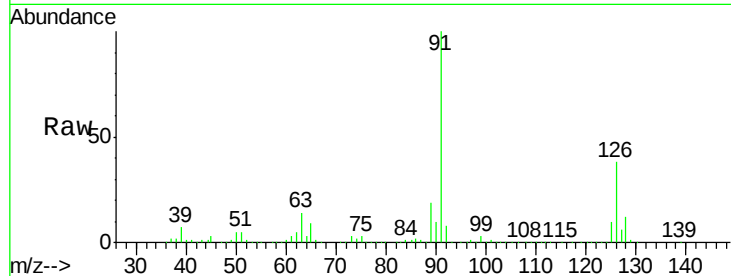
126 37.1 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003242.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003242.D (-1773) (-)

800000

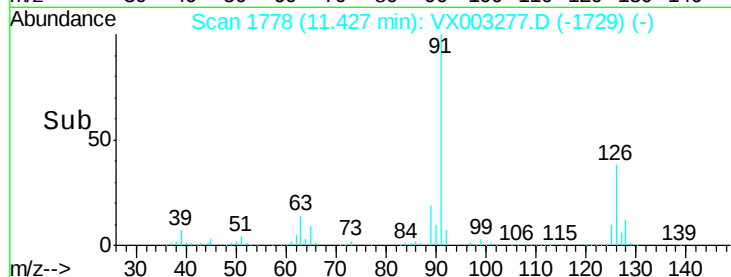
600000

400000

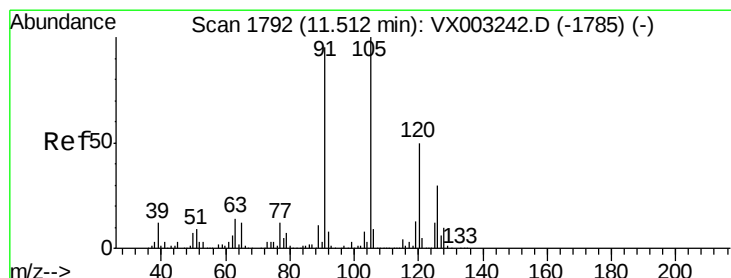
200000

0

11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003277.D

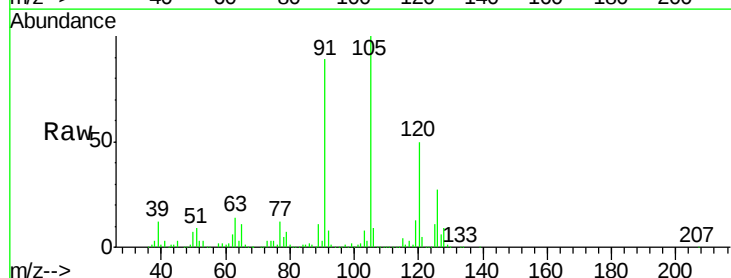
Acq: 10 Jul 2018 06:17

Tgt Ion: 105 Resp: 686476

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003242.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003242.D (-1785) (-)

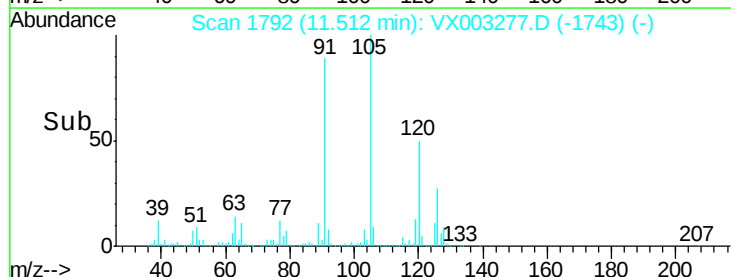
600000

400000

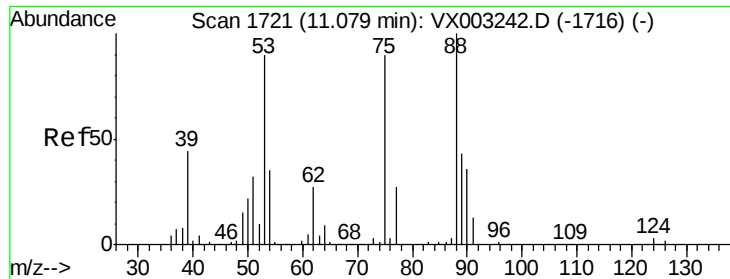
200000

0

11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 40.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 56388

Ion Ratio Lower Upper

75 100

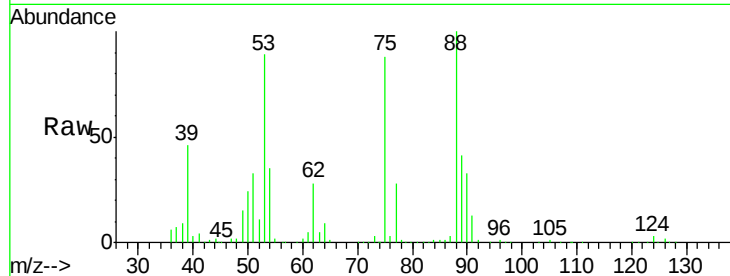
53 102.0 86.8 130.2

89 48.2 38.2 57.2

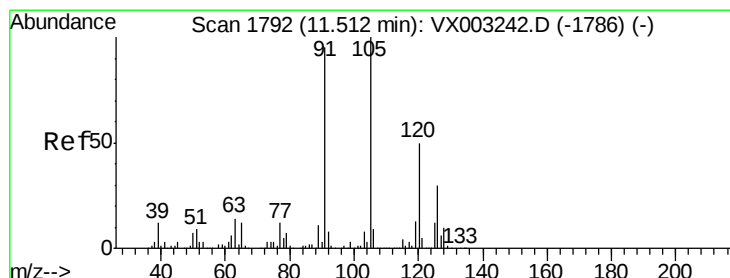
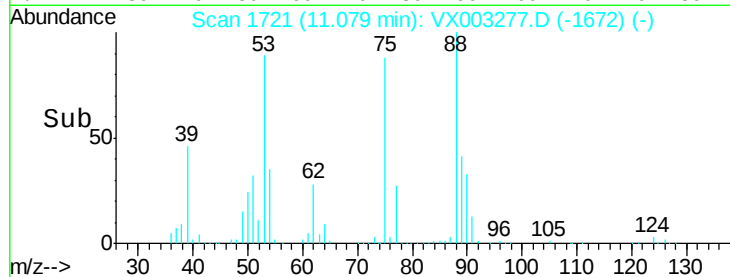
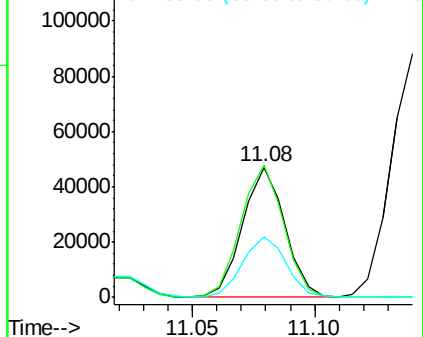
Manual Integrations  
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Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003277.D

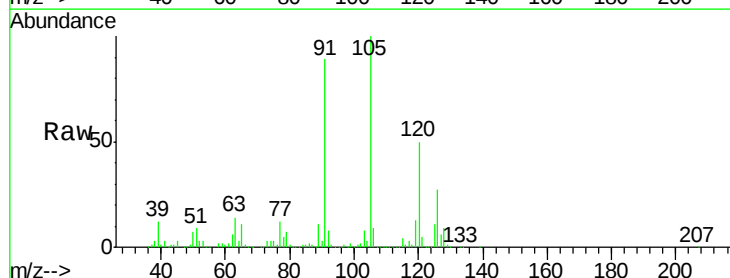
Acq: 10 Jul 2018 06:17

Tgt Ion: 91 Resp: 639826

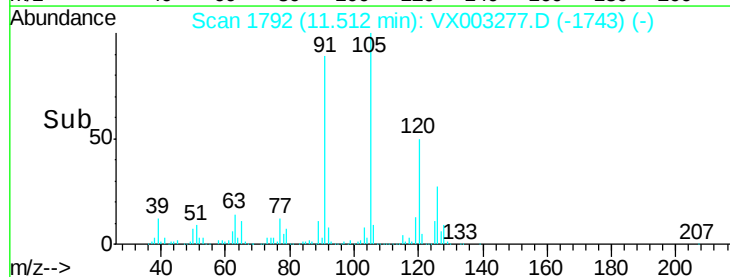
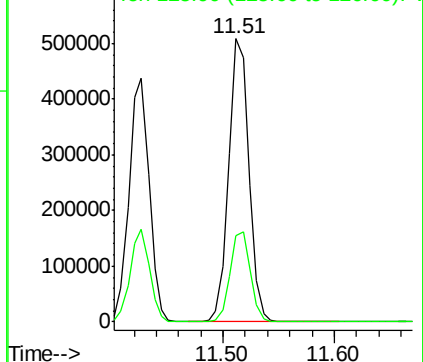
Ion Ratio Lower Upper

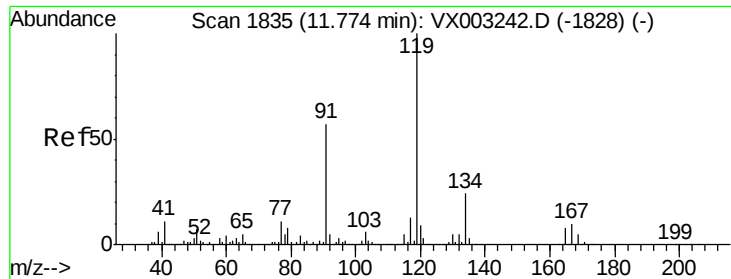
91 100

126 32.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





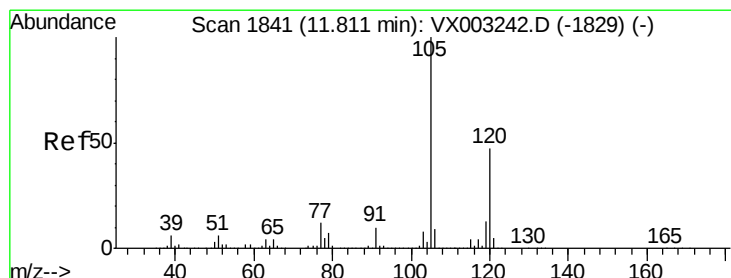
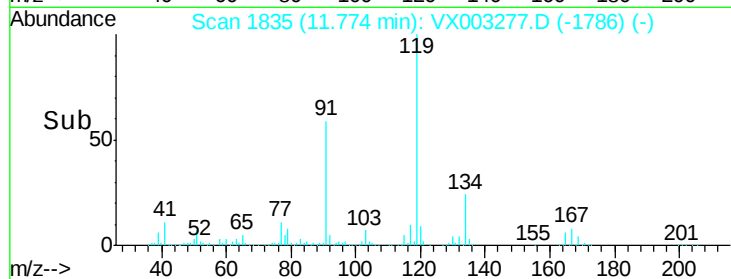
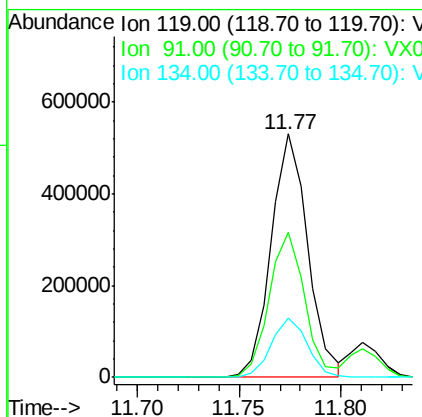
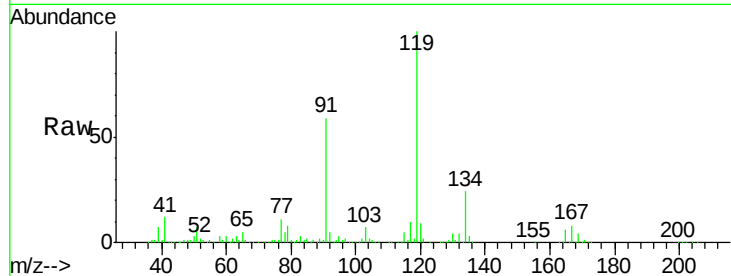
#83  
 tert-Butylbenzene  
 Concen: 48.61 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 665928 |       |       |
| 91      | 58.0  |        | 30.3  | 90.9  |
| 134     | 23.8  |        | 11.7  | 35.1  |

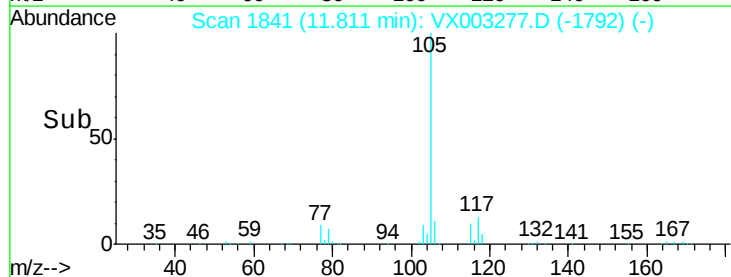
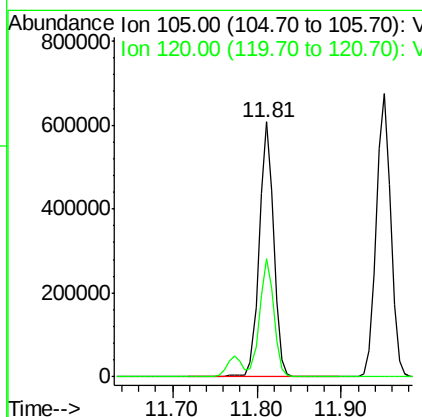
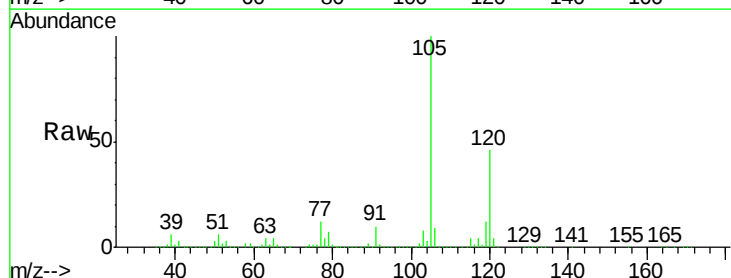
Manual Integrations  
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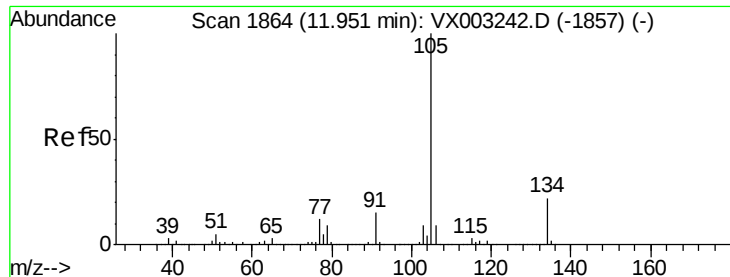
MMDadoda  
 7/10/2018 3:11:57 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.50 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 709176 |       |       |
| 120     | 45.9  |        | 22.3  | 66.8  |





#85

sec-Butylbenzene

Concen: 49.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 808991

Ion Ratio Lower Upper

105 100

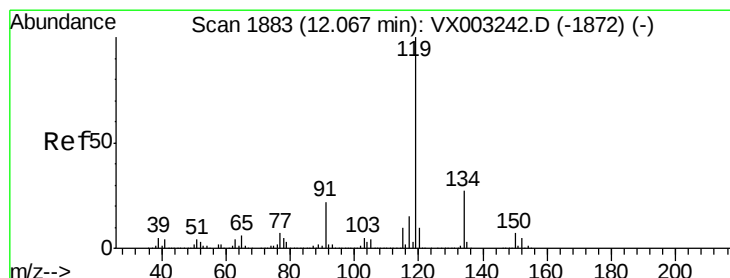
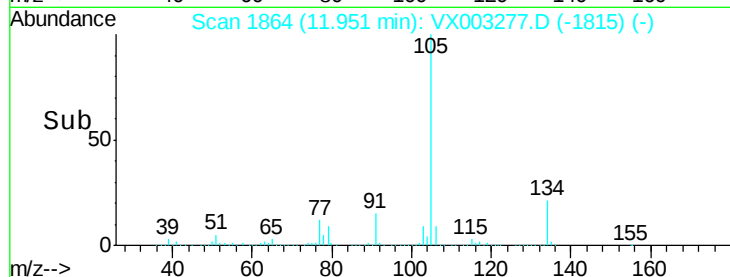
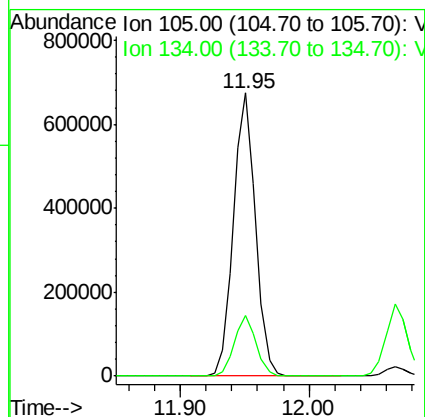
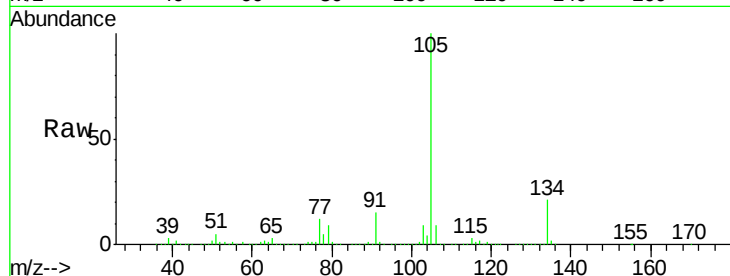
134 21.1 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.77 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

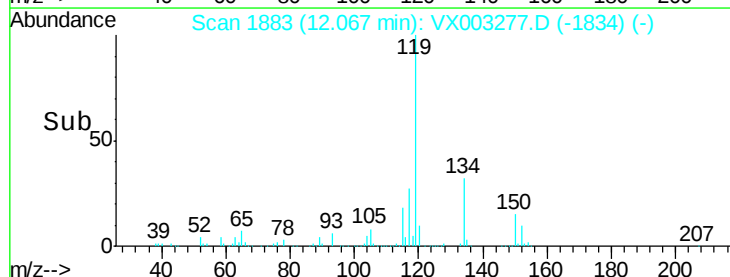
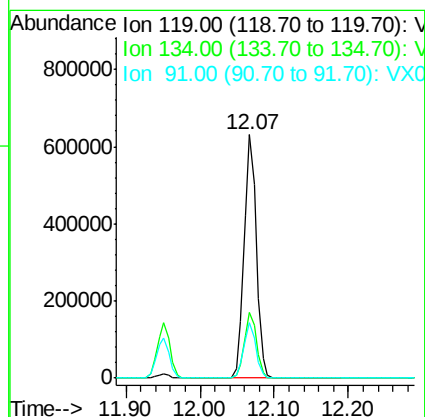
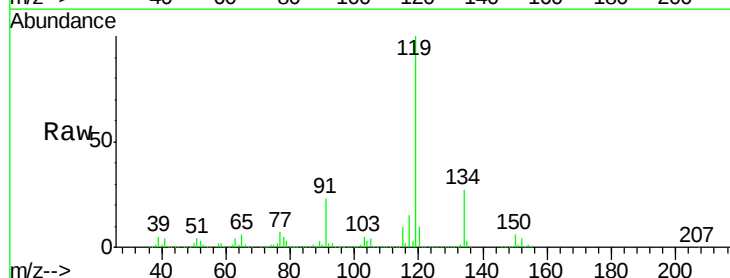
Tgt Ion:119 Resp: 734274

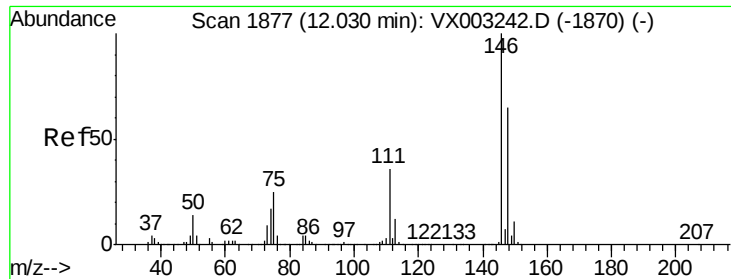
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.4 11.9 35.7





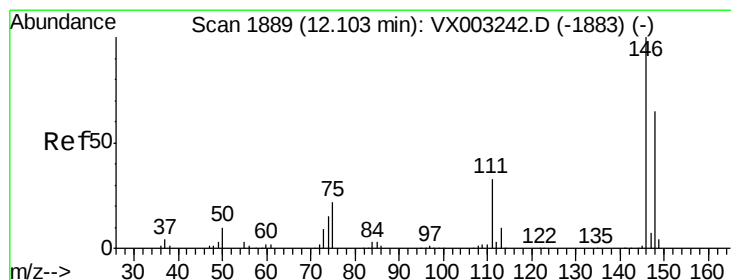
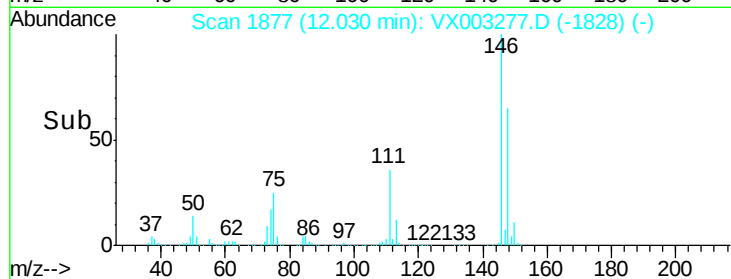
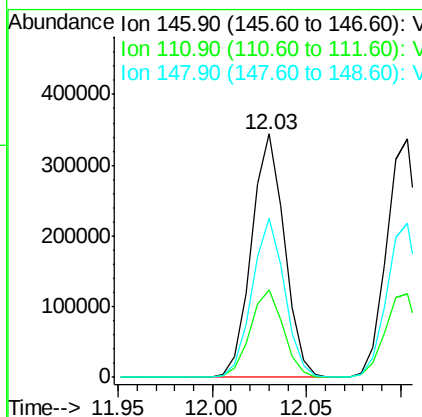
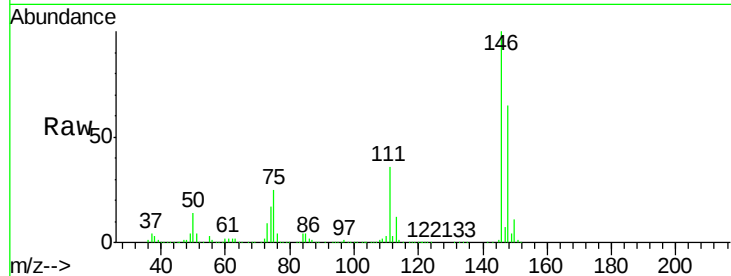
#87  
 1,3-Dichlorobenzene  
 Concen: 47.90 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.2  | 18.9  | 56.7  |
| 148     | 64.2  | 32.1  | 96.3  |

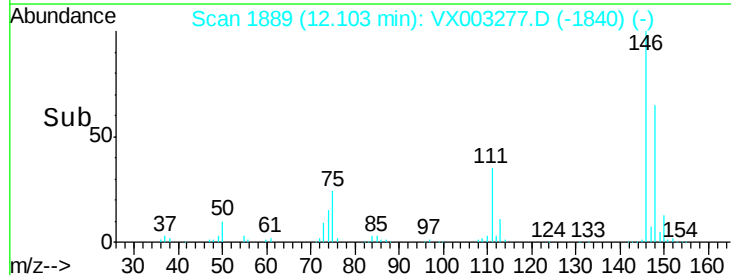
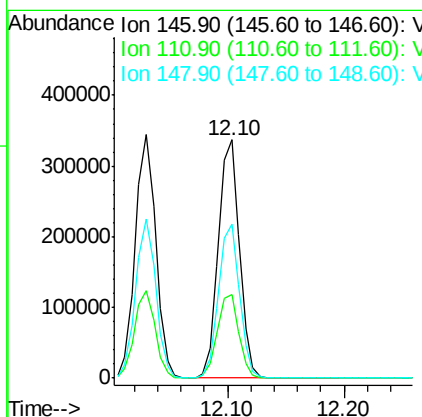
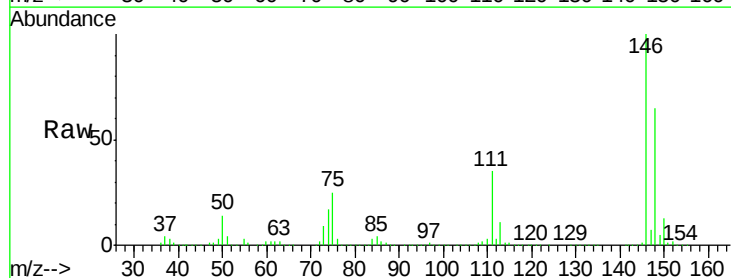
Manual Integrations  
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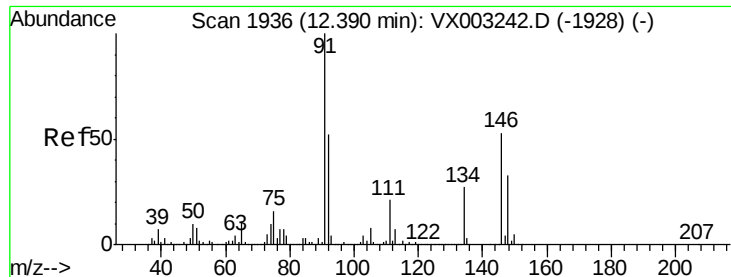
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#88  
 1,4-Dichlorobenzene  
 Concen: 47.58 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.7  | 18.7  | 56.1  |
| 148     | 64.4  | 32.4  | 97.0  |





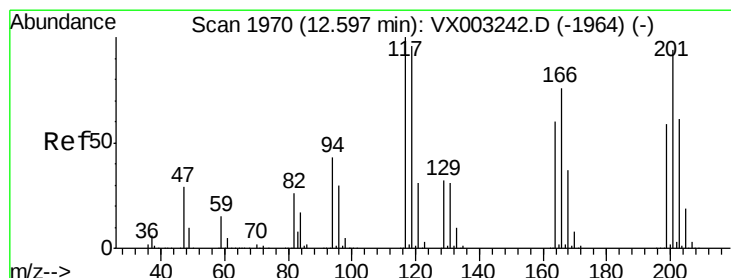
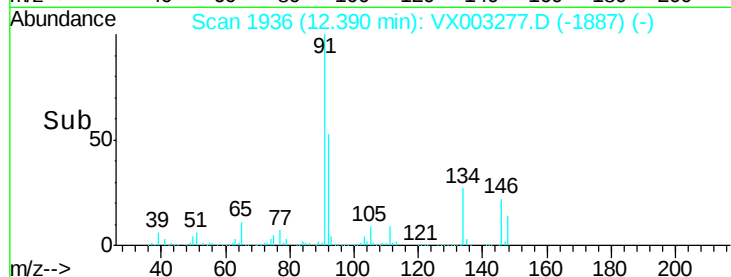
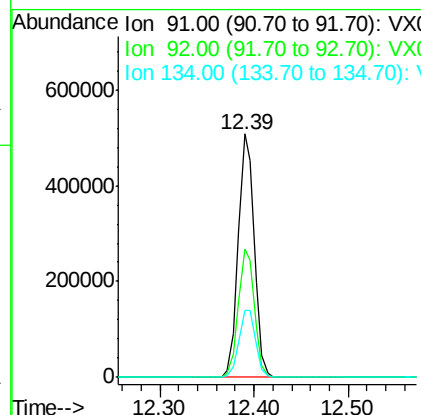
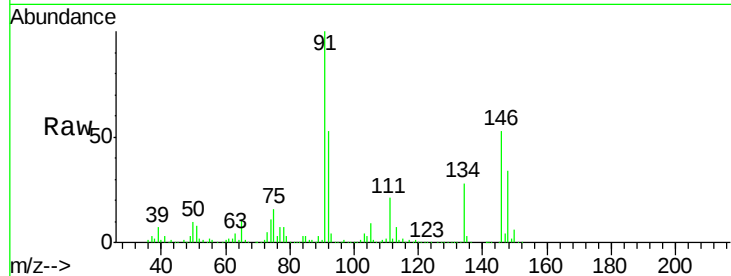
#89  
n-Butylbenzene  
Concen: 48.46 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 26.0  | 78.0  |
| 134     | 28.5  | 13.5  | 40.5  |

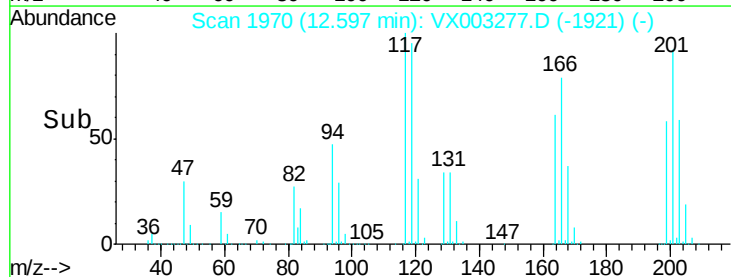
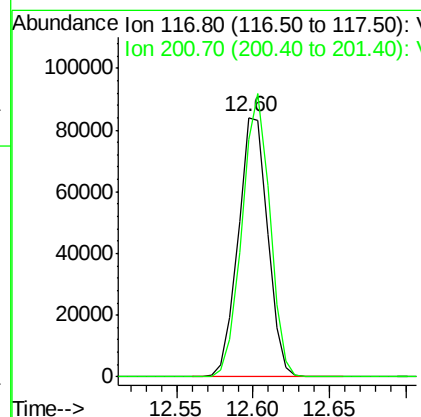
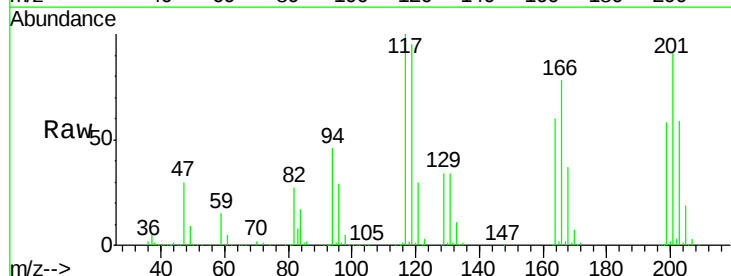
Manual Integrations  
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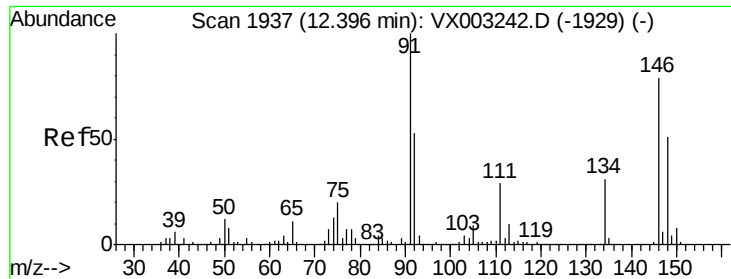
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#90  
Hexachloroethane  
Concen: 49.82 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 102.6 | 49.0  | 147.0 |





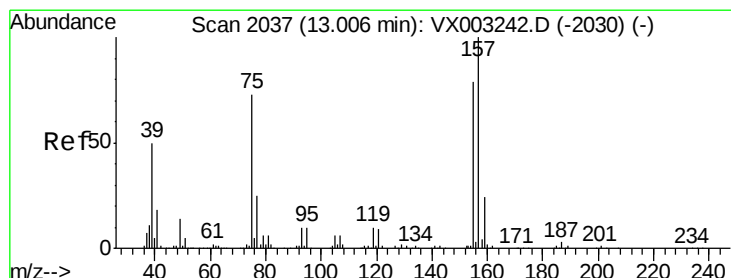
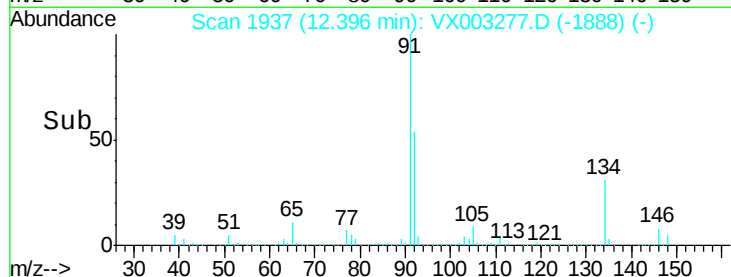
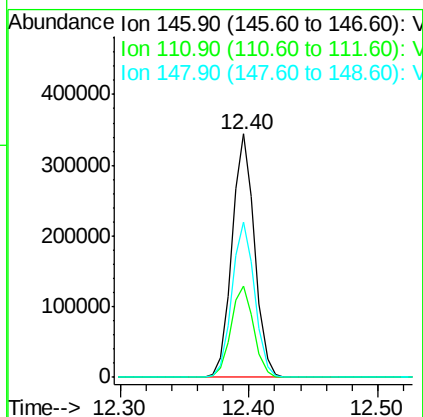
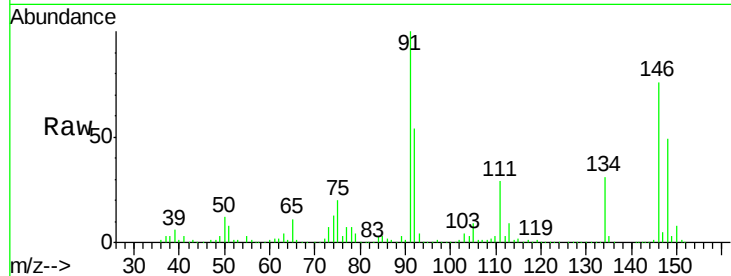
#91  
 1,2-Dichlorobenzene  
 Concen: 48.02 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.4  | 58.1  |
| 148     | 64.2  | 31.7  | 95.1  |

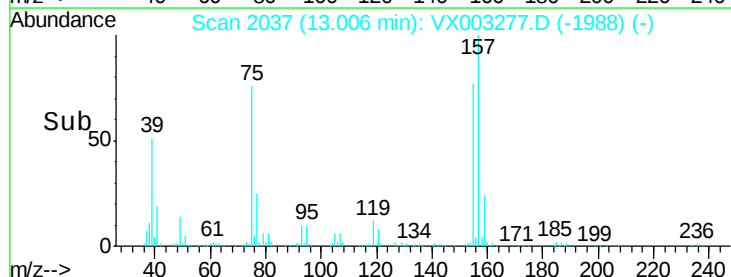
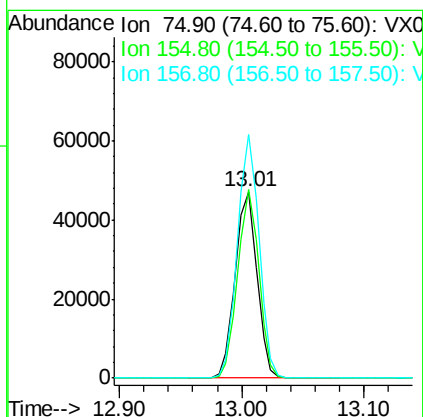
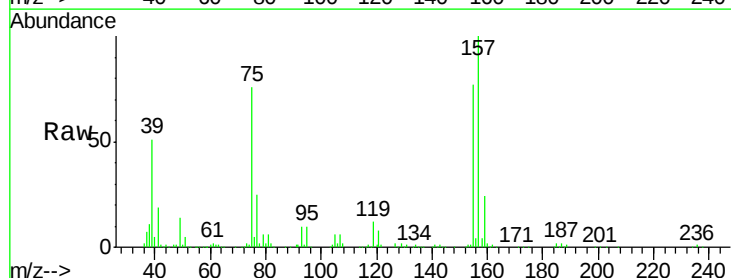
Manual Integrations  
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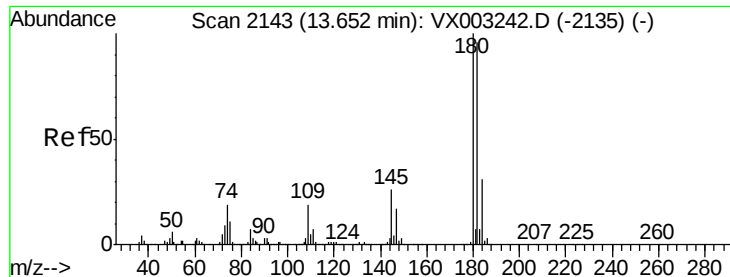
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.65 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.8  | 45.8  | 137.4 |
| 157     | 129.5 | 60.1  | 180.3 |





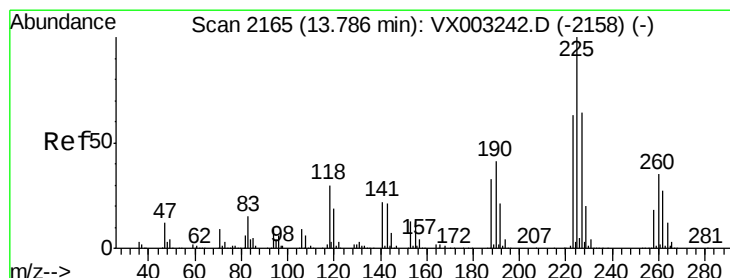
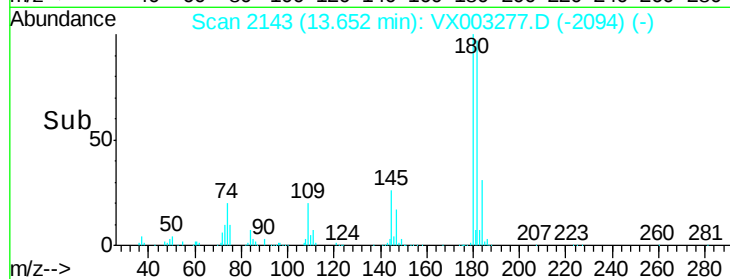
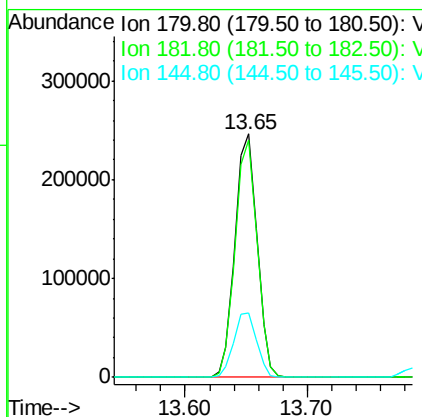
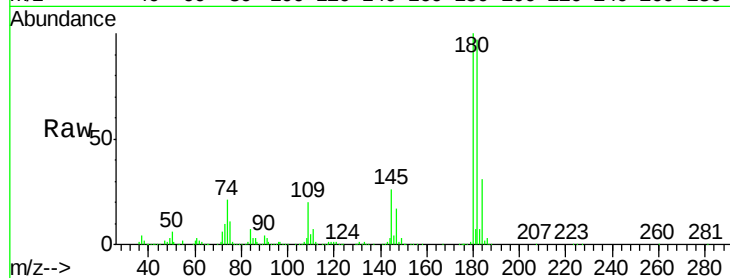
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.97 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 97.1  | 47.7 | 143.1 |       |
| 145     | 27.6  | 14.1 | 42.4  |       |

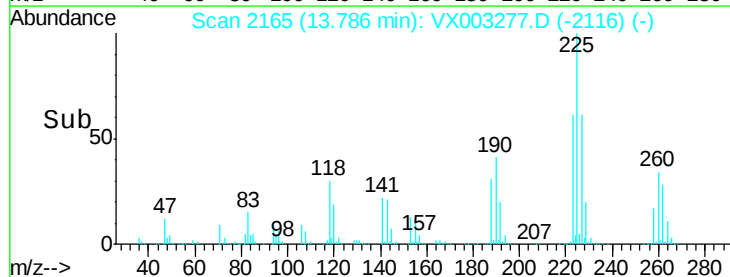
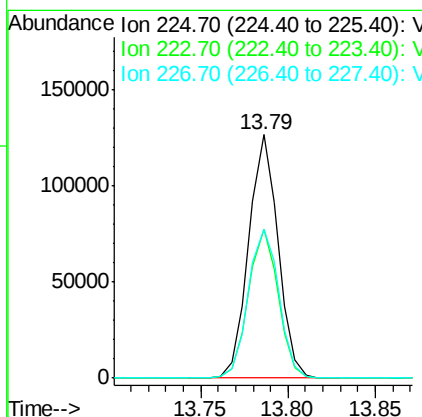
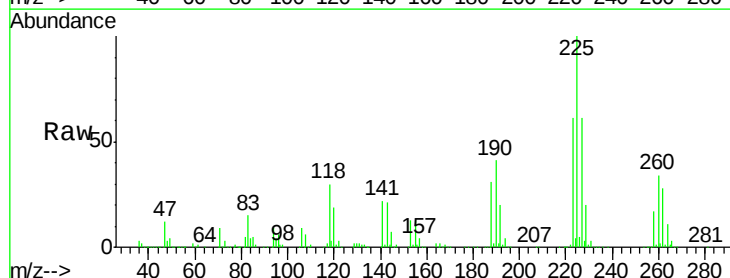
Manual Integrations  
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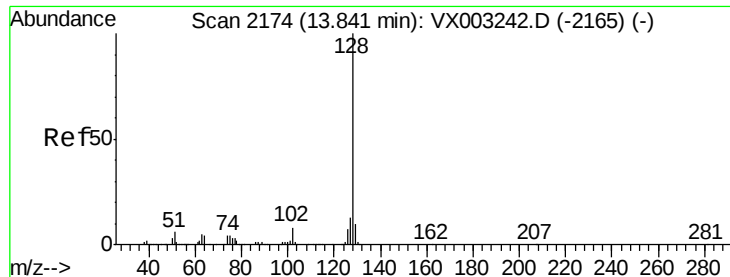
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#94  
 Hexachlorobutadiene  
 Concen: 46.71 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX003277.D  
 Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.1  | 31.6 | 95.0  |       |
| 227     | 63.8  | 32.4 | 97.2  |       |





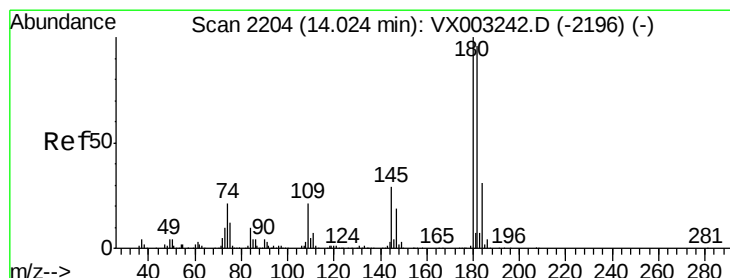
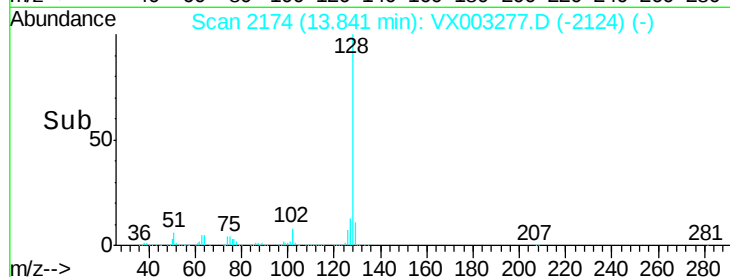
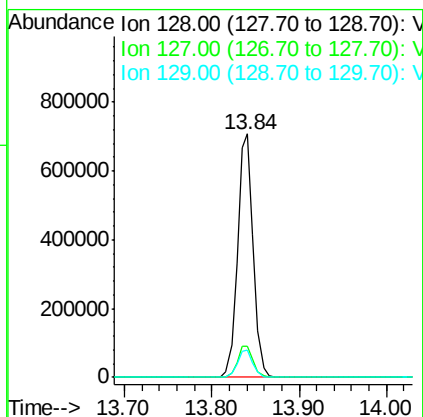
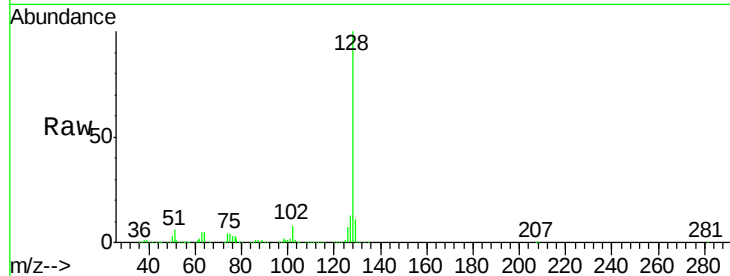
#95  
Naphthalene  
Concen: 52.91 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.01 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.4  | 15.6  |
| 129     | 11.1  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.95 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: VX003277.D  
Acq: 10 Jul 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 48.0  | 144.0 |
| 145     | 29.0  | 14.8  | 44.3  |

