

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\  
 Data File : VX002854.D  
 Acq On : 23 Jun 2018 01:44  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/25/2018 6:56:10 PM

Quant Time: Jun 23 03:07:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 247576   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 342287   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 326450   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 208969   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 156026   | 41.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 82.94% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 126411   | 46.27 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.54% |      |
| 50) Toluene-d8            | 8.72   | 98  | 446886   | 43.08 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.16% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 177818   | 45.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.48% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 122937  | 46.77  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 120440  | 38.52  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 136767  | 42.16  | ug/l | 93     |
| 5) Bromomethane               | 1.64 | 94  | 90456   | 46.21  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 93598   | 43.77  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 234653  | 44.52  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 84572   | 42.18  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 131445  | 44.61  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 141819  | 37.15  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.08 | 59  | 175931  | 226.20 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 120215  | 43.46  | ug/l | 93     |
| 13) Acrolein                  | 2.29 | 56  | 66318   | 183.76 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 232066  | 42.25  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 369493  | 217.71 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 347038  | 209.08 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 306166  | 46.66  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 212264  | 48.00  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 439999  | 42.40  | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 135214  | 39.73  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 126987  | 42.31  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.88 | 45  | 456579  | 45.95  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.83 | 43  | 1901669 | 228.64 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 240252  | 44.54  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 527090  | 241.80 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 147376  | 38.03  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 144192  | 47.22  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 108717  | 43.04  | ug/l | 94     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 340737  | 238.51 | ug/l | 98     |
| 30) Chloroform                | 5.22 | 83  | 253948  | 48.83  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 206821  | 46.57  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 224966  | 51.72  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 180979  | 49.78  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.87 | 43  | 204251  | 49.64  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 201391  | 55.63  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/25/2018 6:56:10 PM

Quant Time: Jun 23 03:07:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 211299   | 49.72   | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 533890   | 48.98   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 118528   | 51.02   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 212671   | 50.39   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 336702   | 49.39   | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 158488   | 50.37   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 140060   | 48.82   | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 98020    | 51.08   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 186705   | 55.16   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 176813   | 50.75   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 70675    | 1071.27 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1107307  | 252.98  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 348471   | 50.12   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 208009   | 46.60   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 195538   | 46.02   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 144361   | 51.38   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 221307   | 51.18   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 238014   | 50.09   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 405038   | 193.68  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 850128   | 257.74  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 154256   | 48.90   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 151680   | 52.13   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 179405   | 49.51   | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 410558   | 51.21   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 150752   | 55.16   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 692927   | 51.24   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 535232   | 102.61  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 262347   | 51.19   | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 440492   | 52.26   | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 121256   | 48.85   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 719939   | 51.51   | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 336702   | 48.49   | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 219952   | 53.29   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 214311m  | 54.35   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 197561   | 50.74   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.37 | 91   | 817815   | 51.02   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 484510   | 50.63   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 611083   | 51.74   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 50973    | 42.09   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 573994   | 50.83   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 599218   | 52.66   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 626411   | 51.98   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 726235   | 51.33   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 653054   | 51.01   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 363552   | 50.91   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 366585   | 50.46   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 558387   | 49.45   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 93243    | 46.90   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 366755   | 51.03   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 50398    | 58.30   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

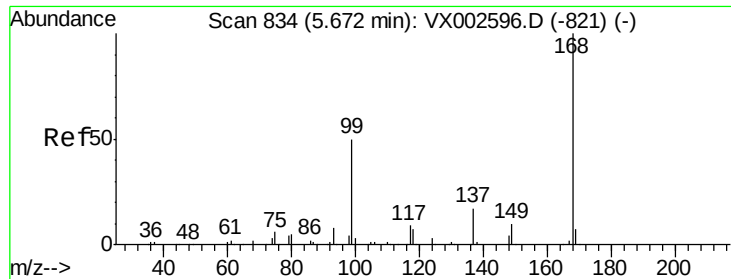
MMDadoda  
6/25/2018 6:56:10 PM

Quant Time: Jun 23 03:07:50 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 270899   | 51.94 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 133620   | 48.63 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 767384   | 54.67 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 276021   | 52.69 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 247576

Ion Ratio Lower Upper

168 100

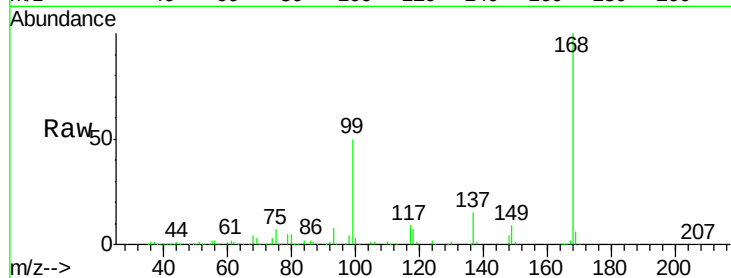
99 49.4 39.3 58.9

Manual Integrations

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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

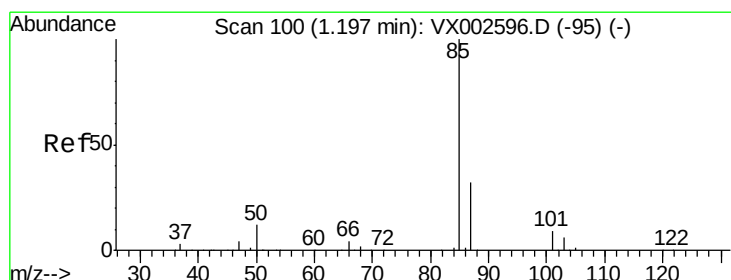
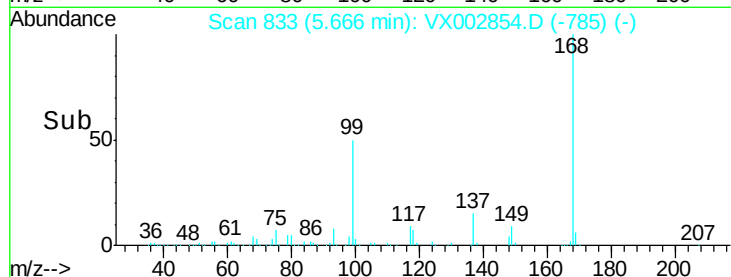
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002854.D

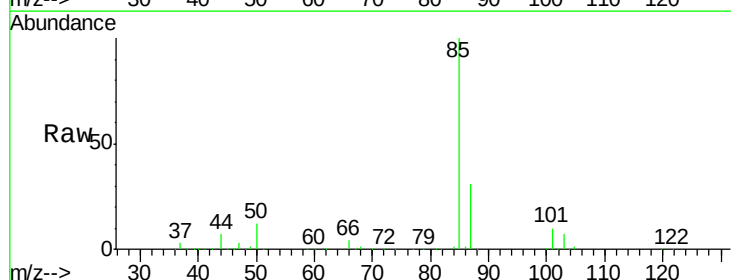
Acq: 23 Jun 2018 01:44

Tgt Ion: 85 Resp: 122937

Ion Ratio Lower Upper

85 100

87 31.2 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

100000

50000

0

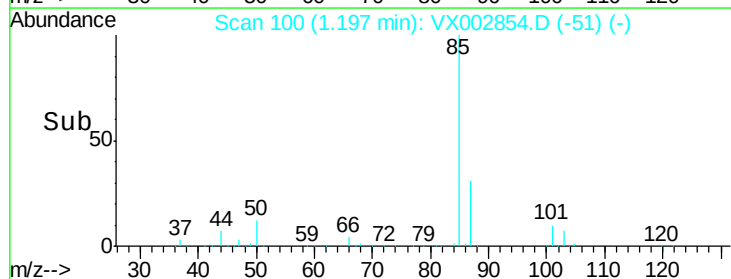
1.15

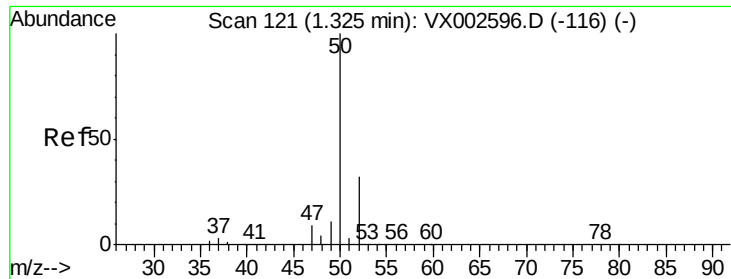
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 38.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120440

Ion Ratio Lower Upper

50 100

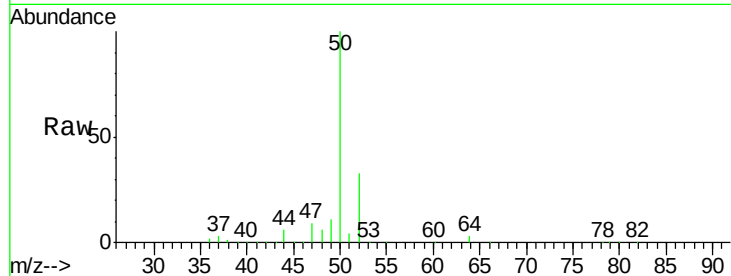
52 32.7 25.7 38.5

Manual Integrations

APPROVED

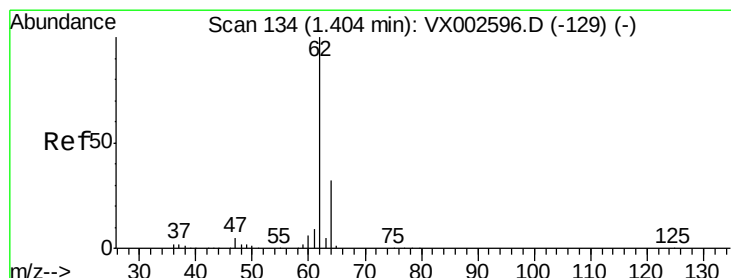
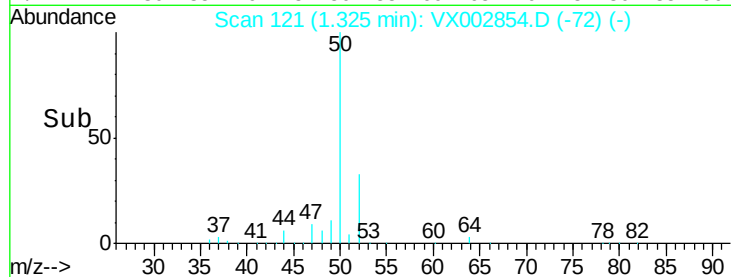
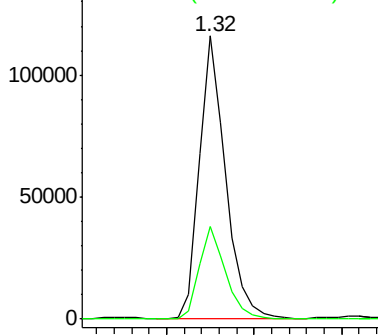
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002854.D

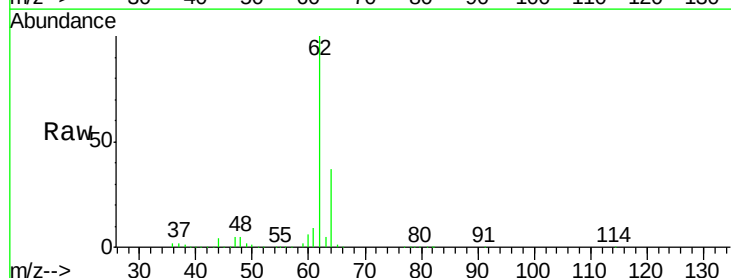
Acq: 23 Jun 2018 01:44

Tgt Ion: 62 Resp: 136767

Ion Ratio Lower Upper

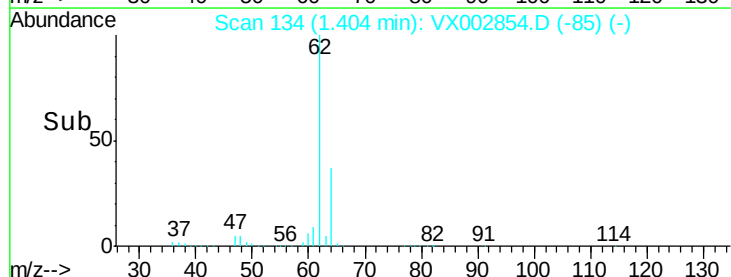
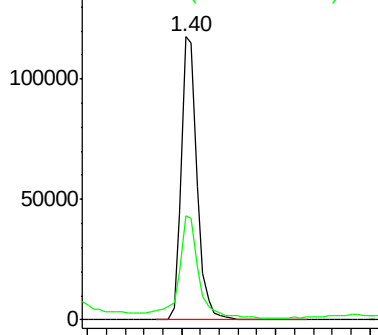
62 100

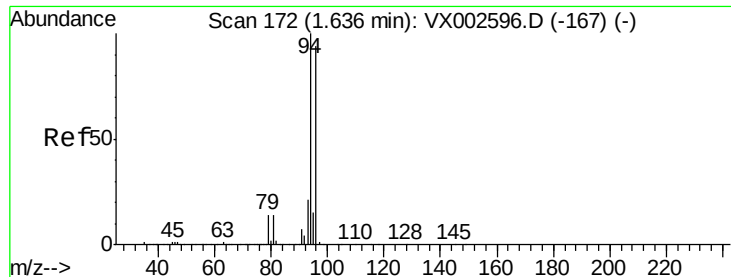
64 35.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.21 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90456

Ion Ratio Lower Upper

94 100

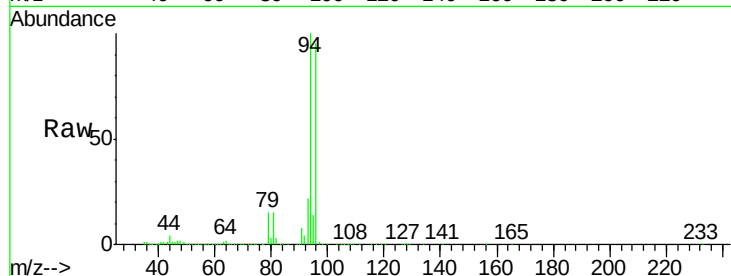
96 95.2 74.9 112.3

Manual Integrations

APPROVED

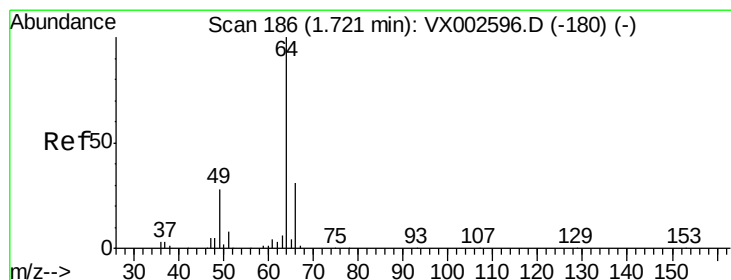
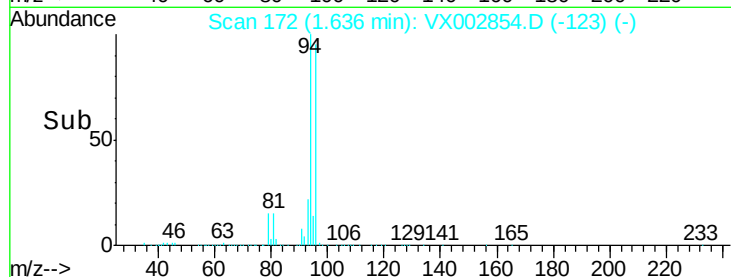
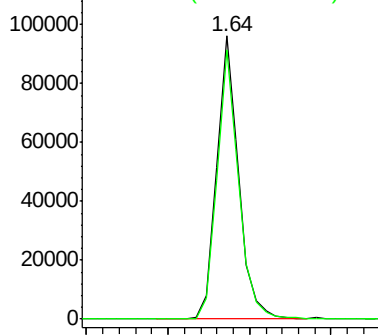
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.77 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002854.D

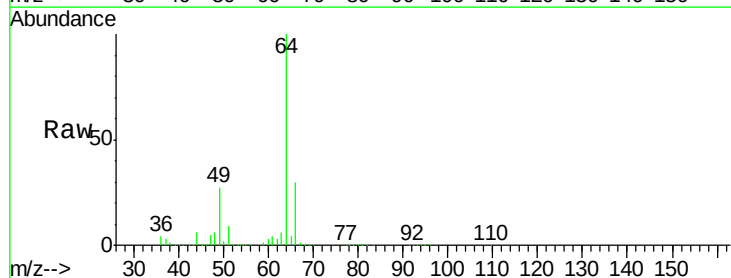
Acq: 23 Jun 2018 01:44

Tgt Ion: 64 Resp: 93598

Ion Ratio Lower Upper

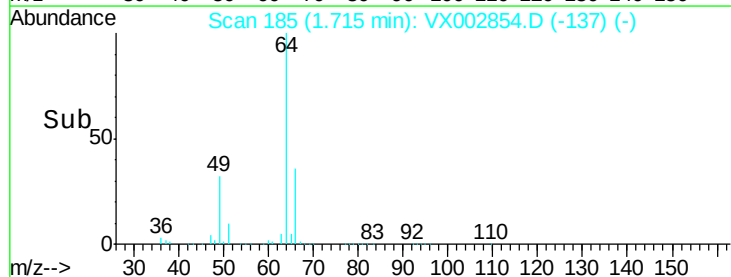
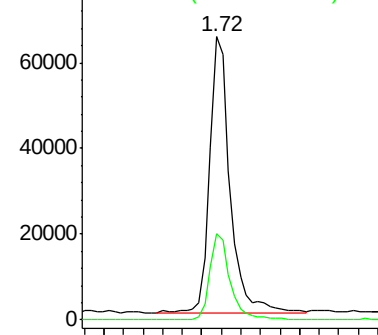
64 100

66 31.0 25.5 38.3

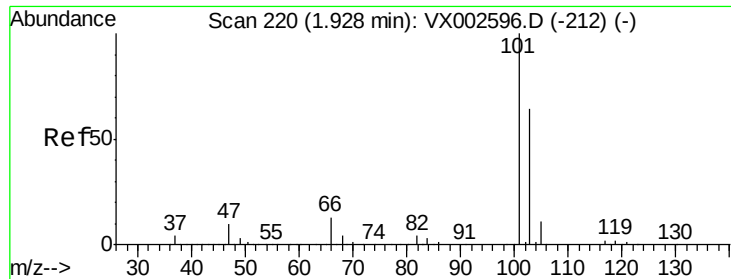


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

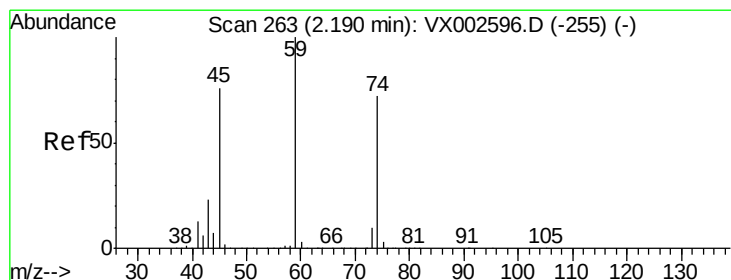
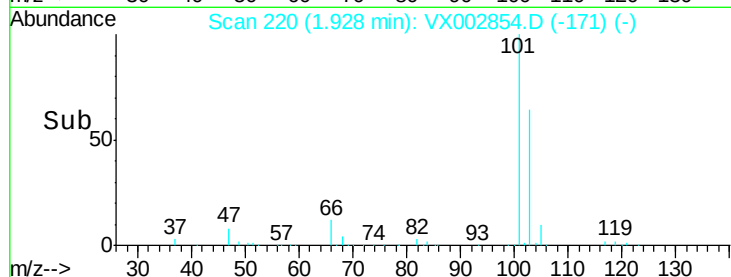
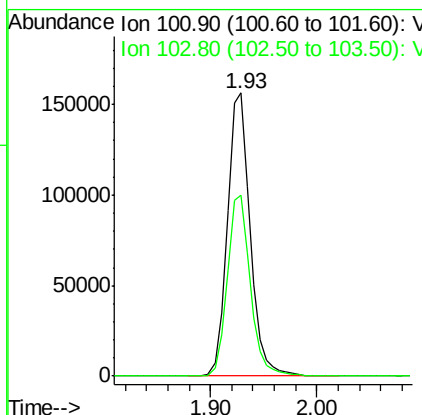
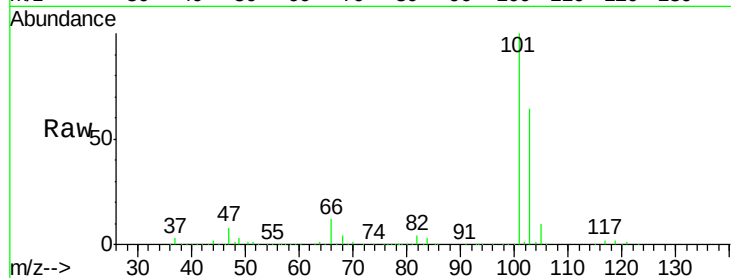
Trichlorofluoromethane  
 Concen: 44.52 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.1  | 52.8  | 79.2  |

Manual Integrations  
 APPROVED

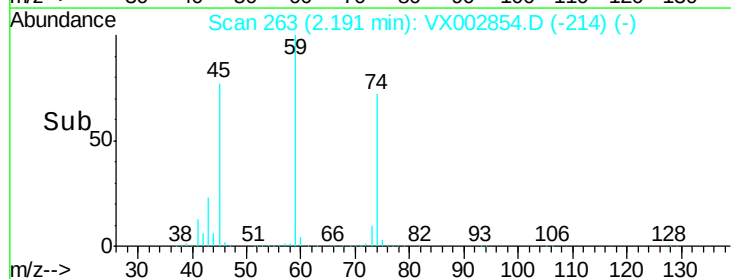
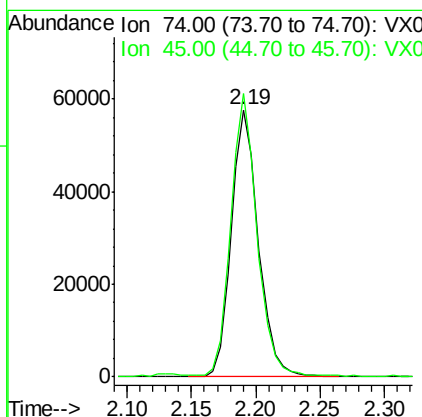
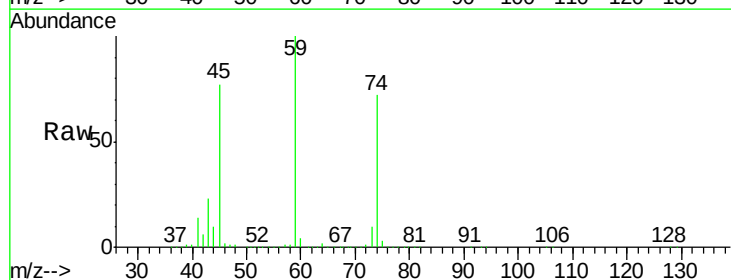
MMDadoda  
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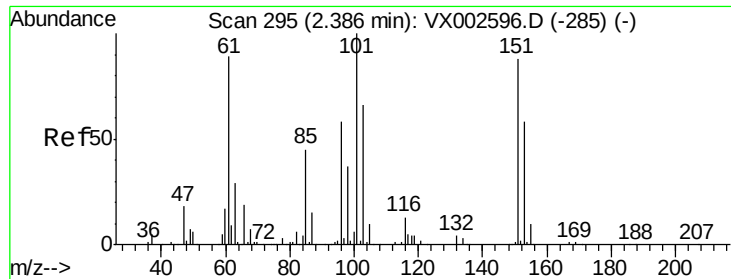
#8

Diethyl Ether  
 Concen: 42.18 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 102.4 | 53.1  | 159.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.61 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

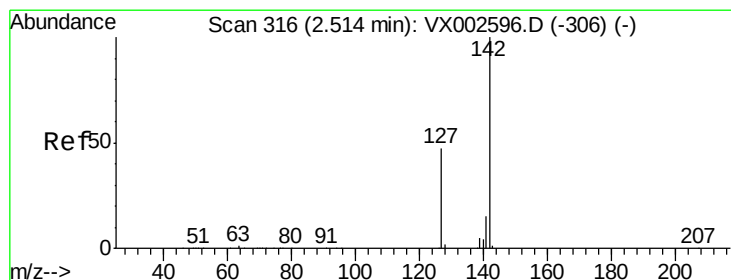
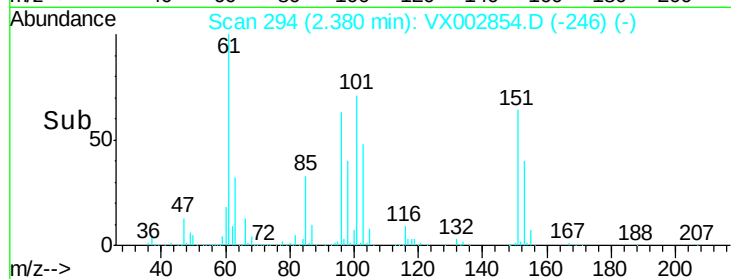
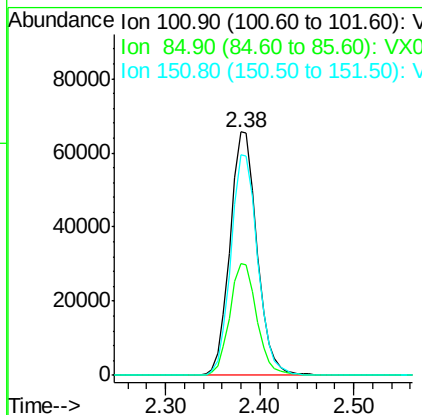
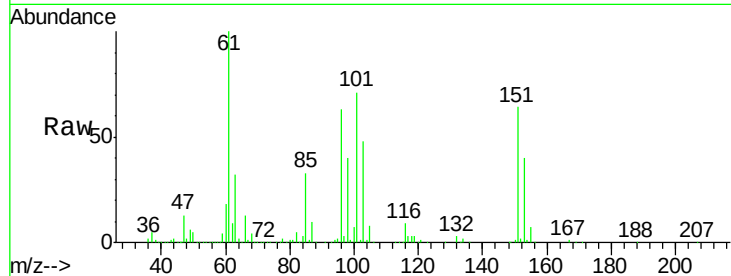
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 131445 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.8  | 36.0  | 54.0   |
| 151       | 90.0  | 70.9  | 106.3  |

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#10

Methyl Iodide

Concen: 37.15 ug/l

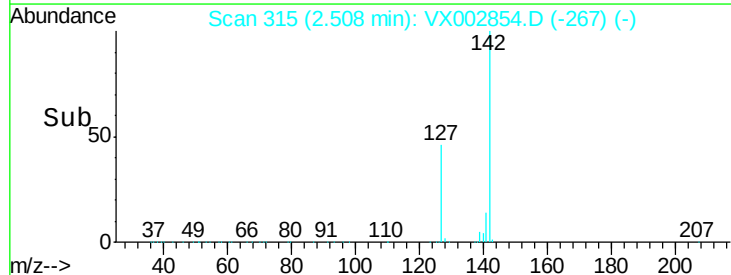
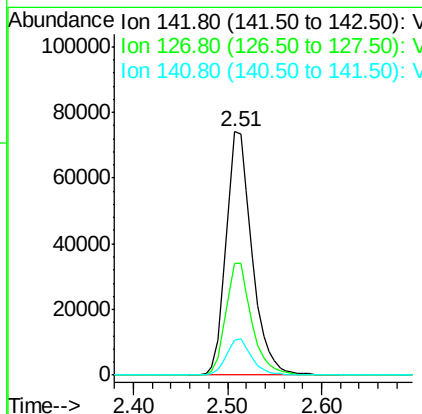
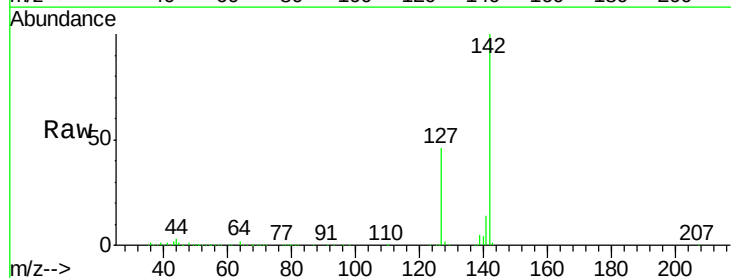
RT: 2.51 min Scan# 315

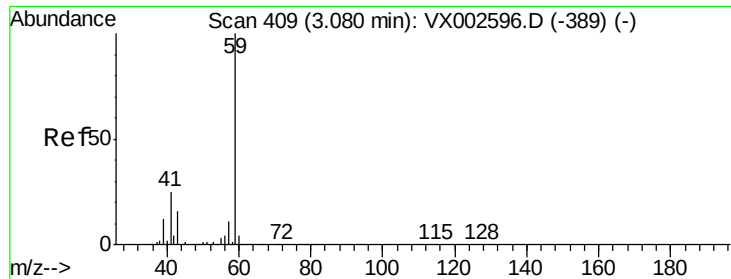
Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 141819 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.8  | 36.6  | 55.0   |
| 141       | 14.6  | 11.3  | 16.9   |





#11

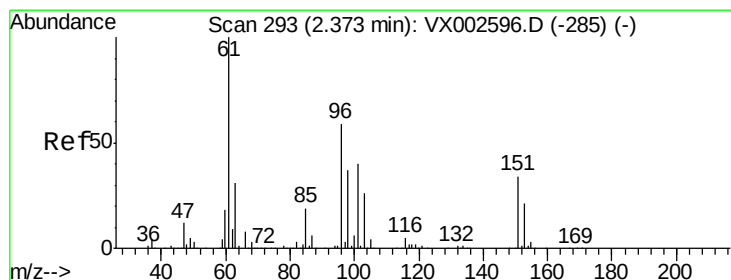
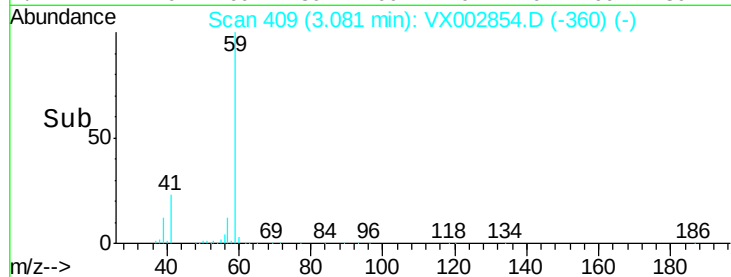
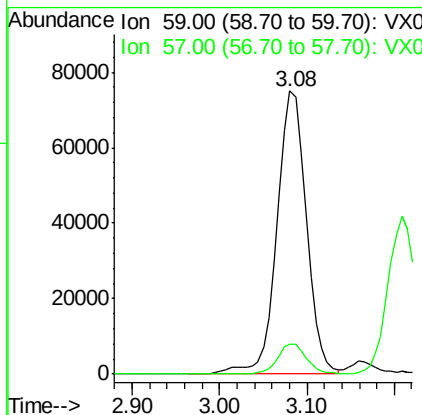
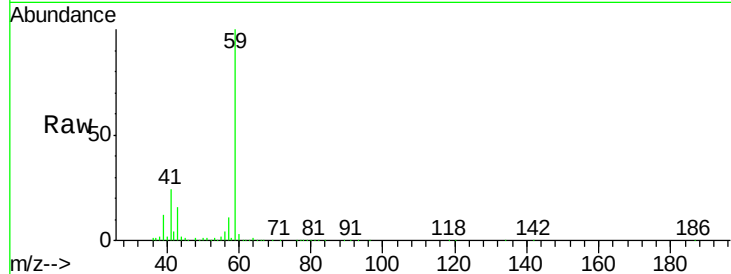
Tert butyl alcohol  
 Concen: 226.20 ug/l  
 RT: 3.08 min Scan# 409  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 59   | Resp  | 175931 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.1 | 8.2   | 12.2   |

Manual Integrations  
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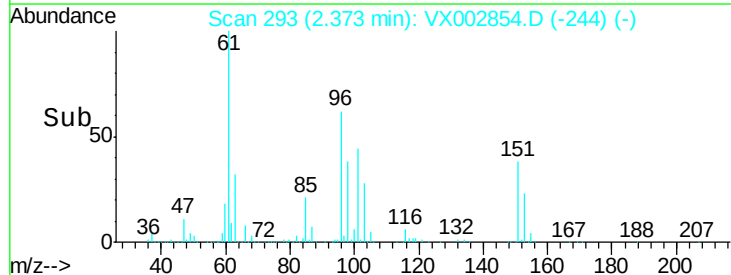
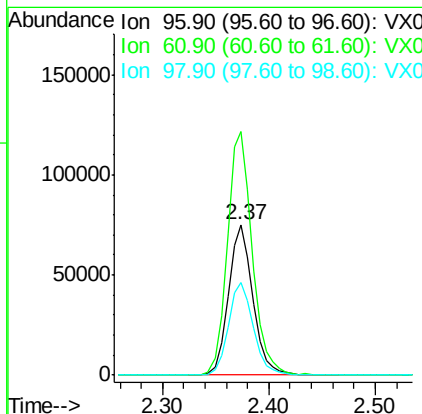
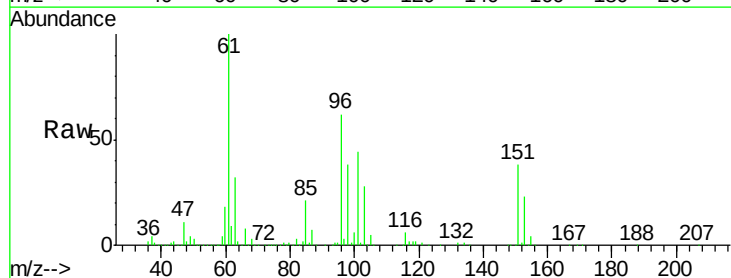
MMDadoda  
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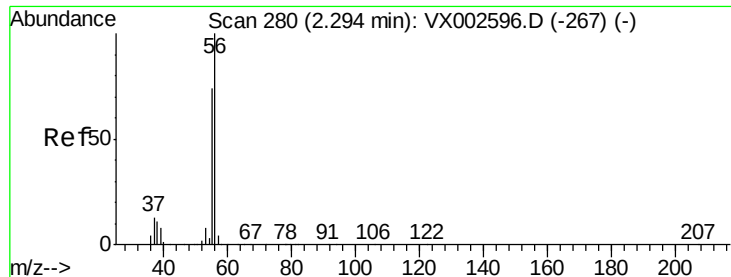


#12

1,1-Dichloroethene  
 Concen: 43.46 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion   | 96    | Resp  | 120215 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 162.0 | 137.9 | 206.9  |
| 98        | 61.3  | 51.6  | 77.4   |





#13

Acrolein

Concen: 183.76 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 66318

Ion Ratio Lower Upper

56 100

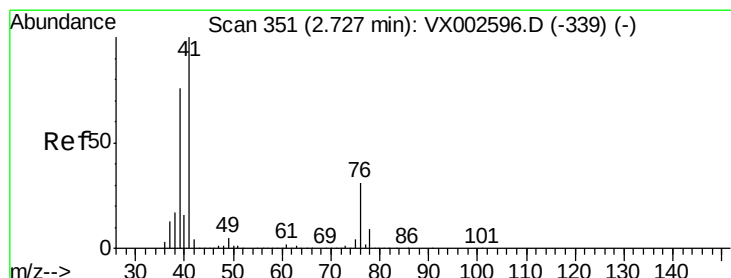
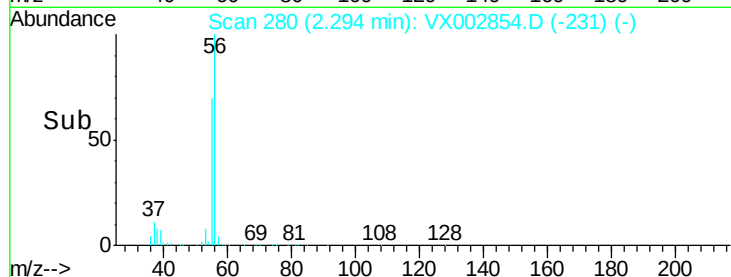
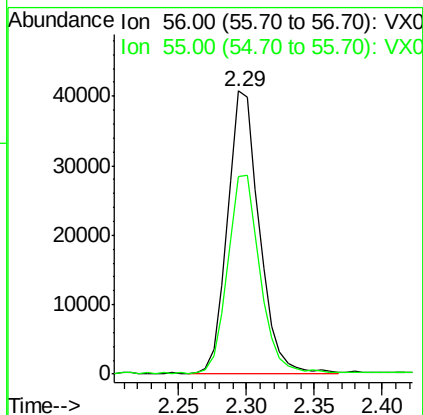
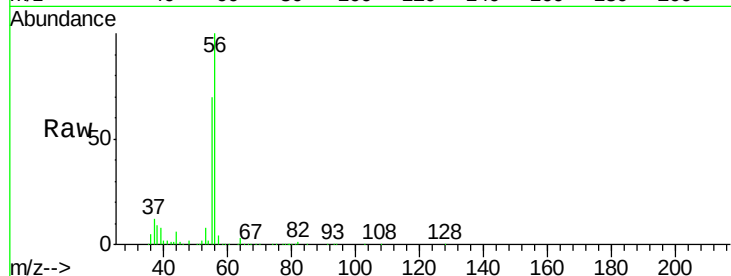
55 71.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 42.25 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

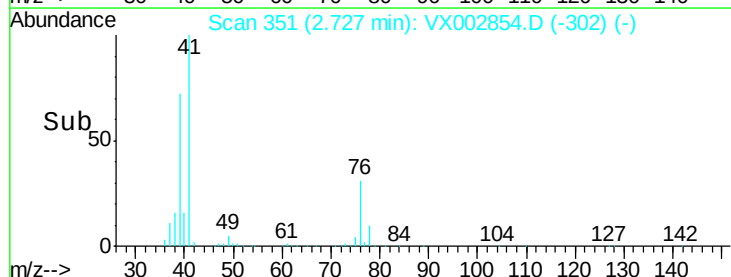
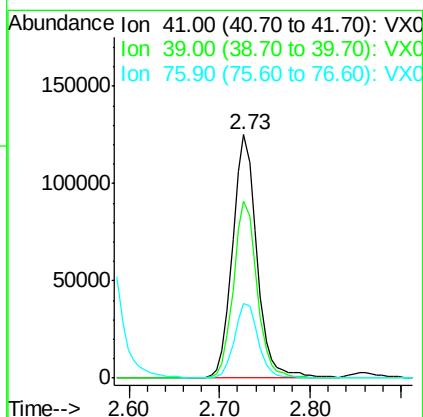
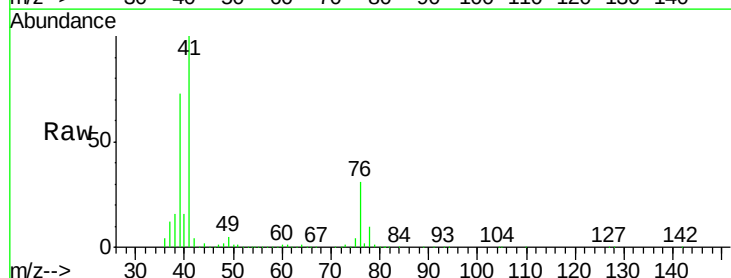
Tgt Ion: 41 Resp: 232066

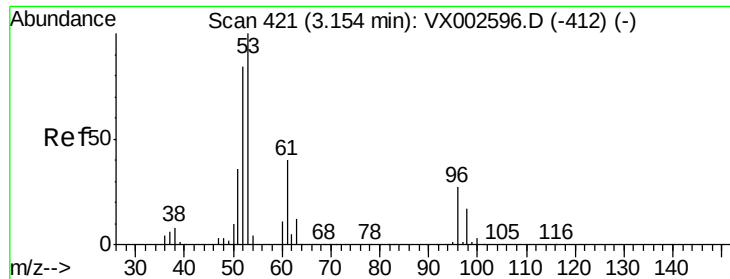
Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 217.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

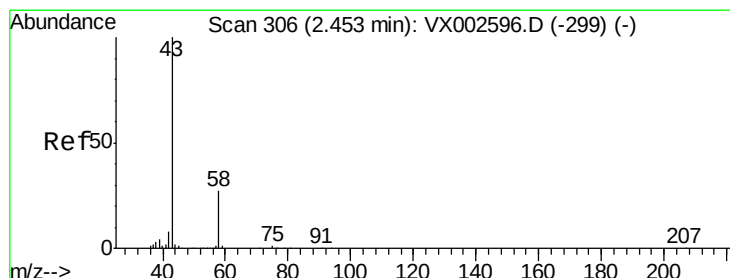
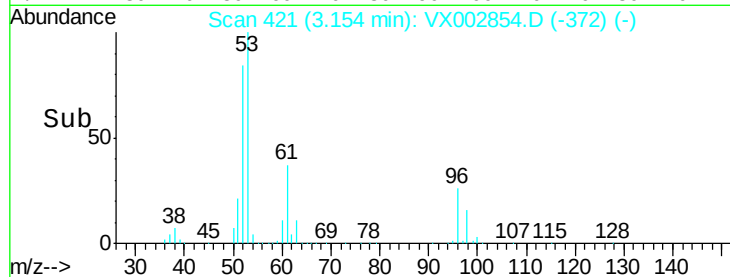
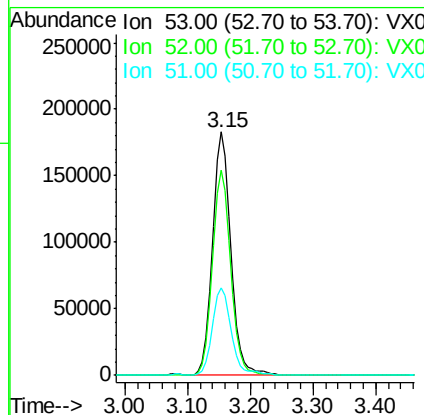
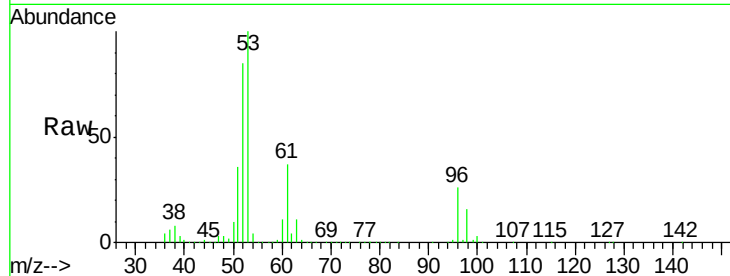
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 369493 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 84.1  | 66.7  | 100.1  |
| 51       | 37.2  | 29.9  | 44.9   |

Manual Integrations  
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#16

Acetone

Concen: 209.08 ug/l

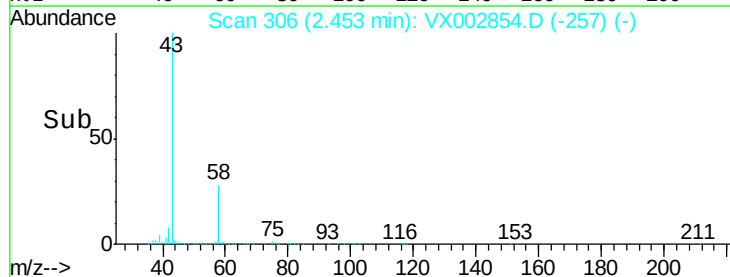
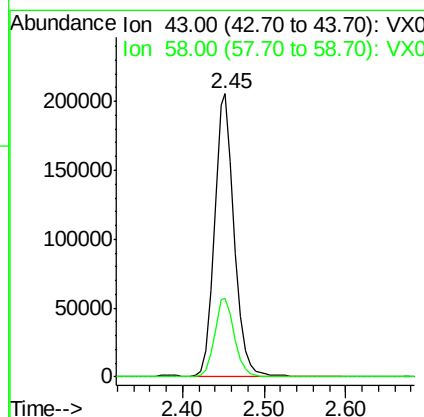
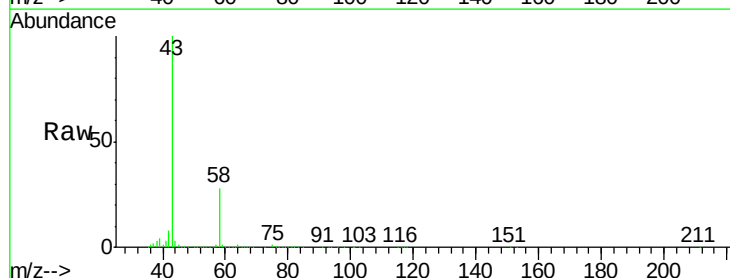
RT: 2.45 min Scan# 306

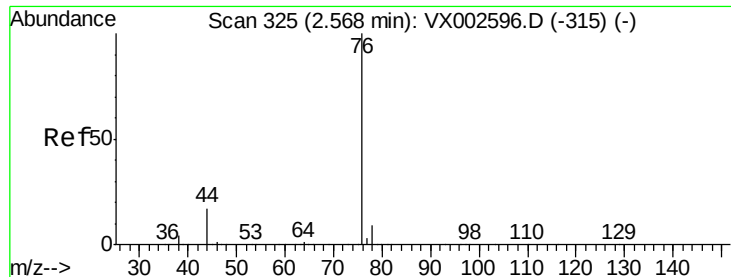
Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 347038 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 27.6  | 22.1  | 33.1   |





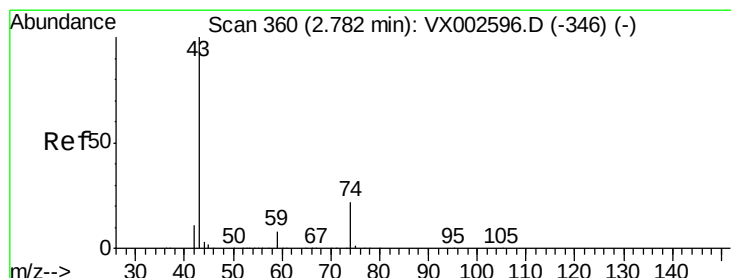
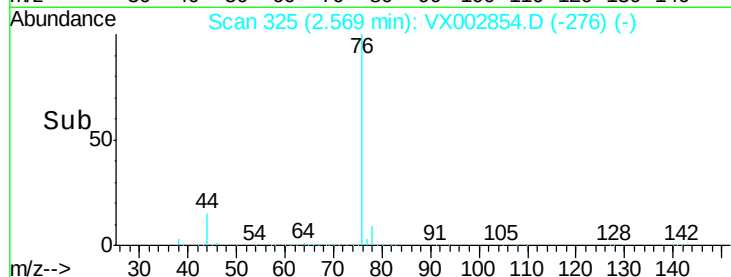
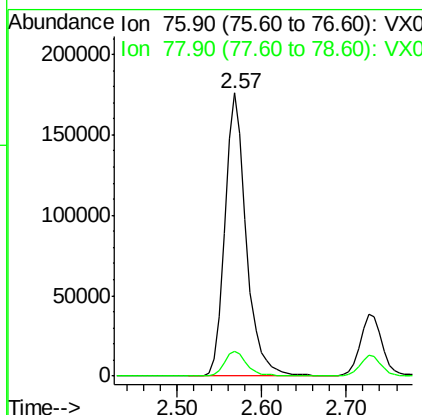
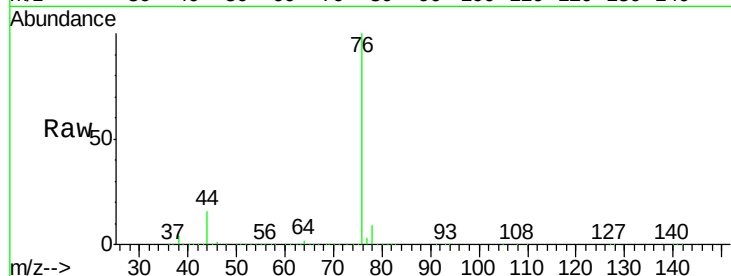
#17  
Carbon Disulfide  
Concen: 46.66 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.6   | 6.9   | 10.3  |

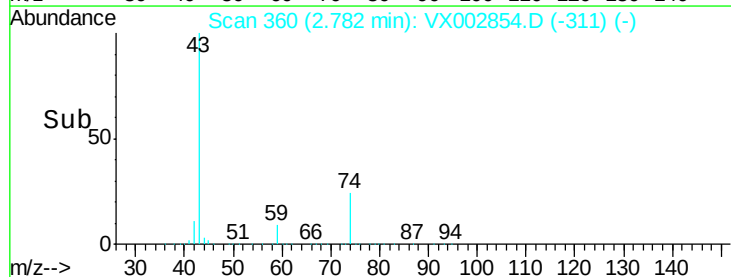
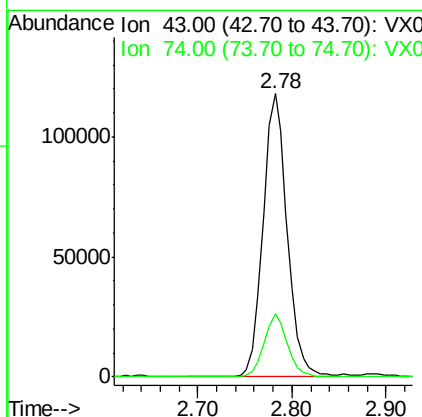
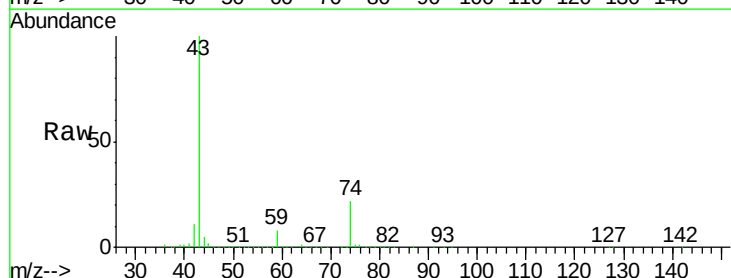
Manual Integrations  
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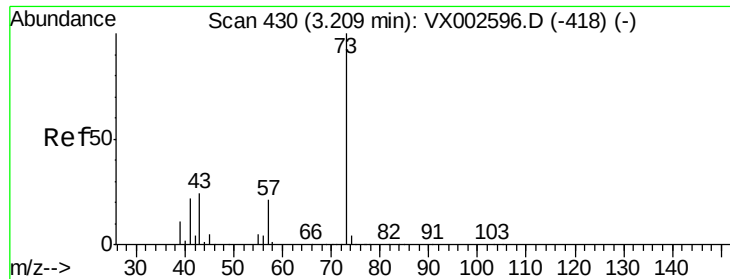
MMDadoda  
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#18  
Methyl Acetate  
Concen: 48.00 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.2  | 16.7  | 25.1  |





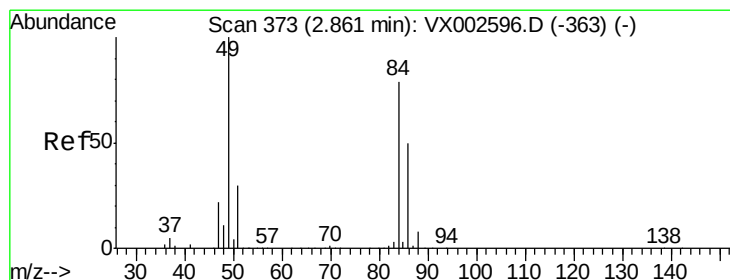
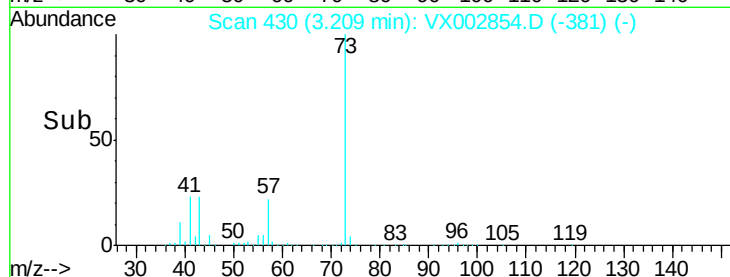
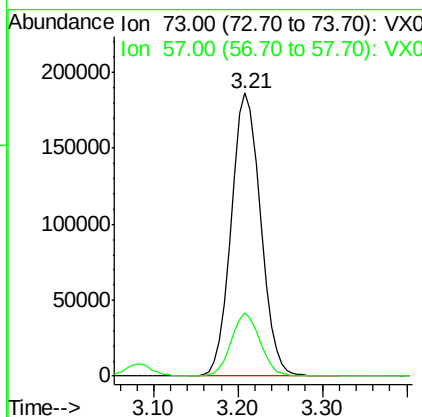
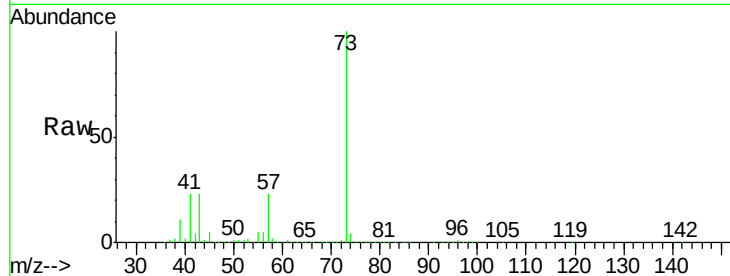
#19  
Methyl tert-butyl Ether  
Concen: 42.40 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 439999  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.7 26.5

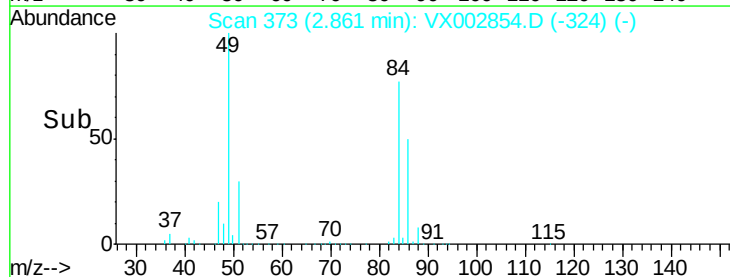
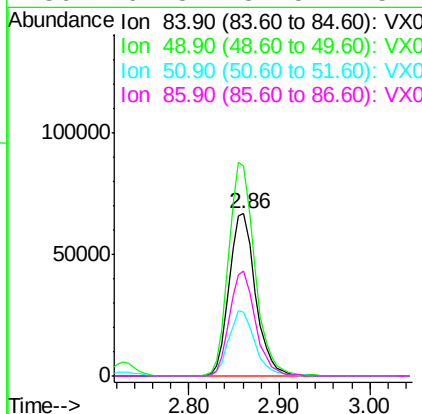
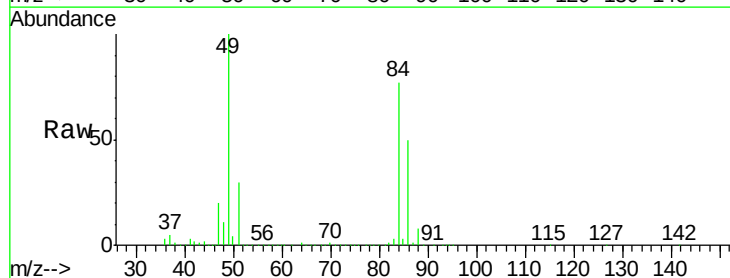
Manual Integrations  
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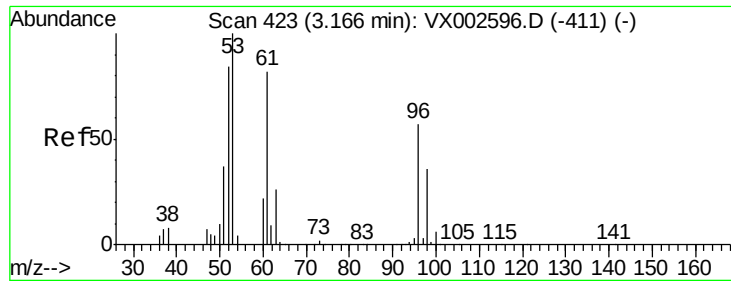
MMDadoda  
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#20  
Methylene Chloride  
Concen: 39.73 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Tgt Ion: 84 Resp: 135214  
Ion Ratio Lower Upper  
84 100  
49 129.4 107.8 161.6  
51 39.0 32.8 49.2  
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.31 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

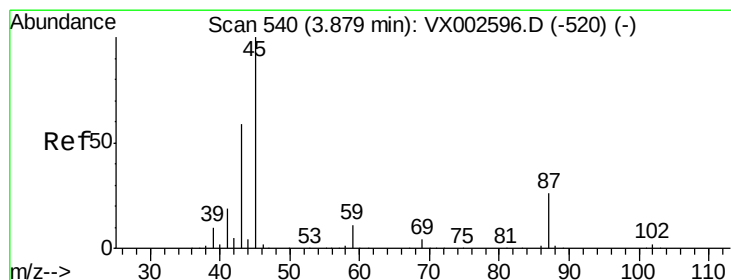
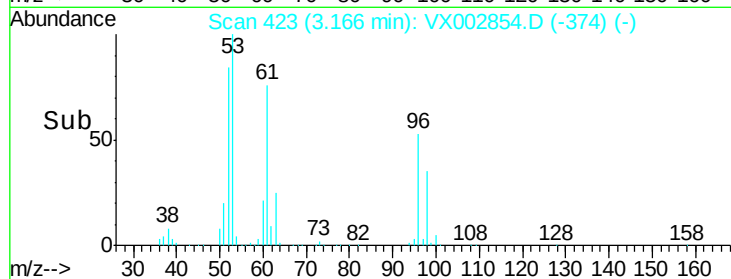
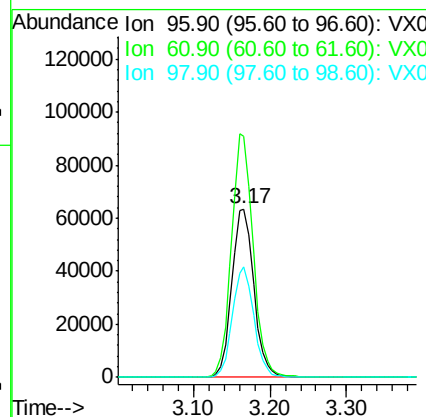
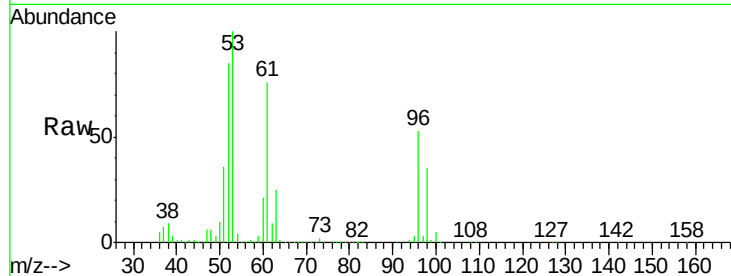
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 126987 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 142.6 | 117.0 | 175.4  |
| 98       | 65.6  | 52.4  | 78.6   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 45.95 ug/l

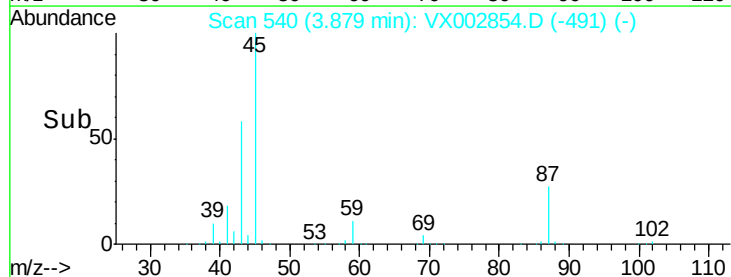
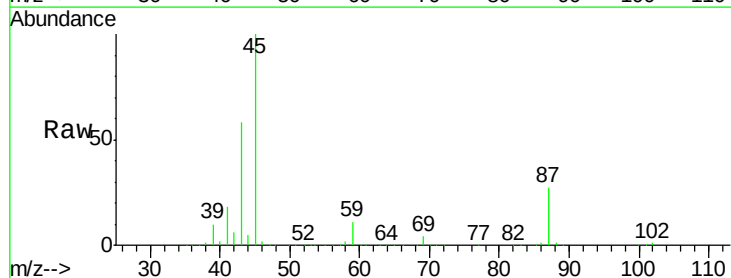
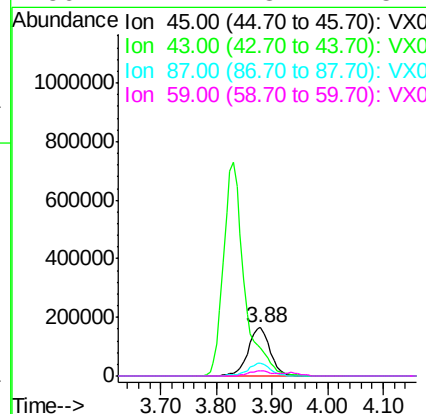
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

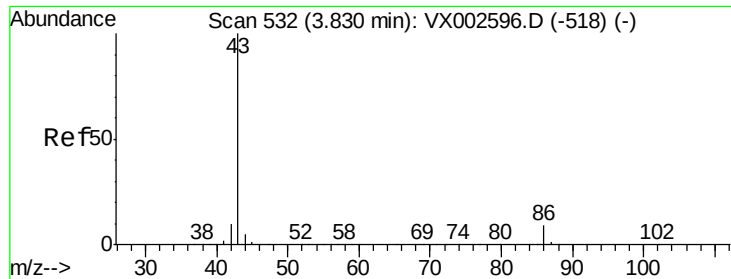
Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 456579 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.9  | 46.8  | 70.2   |
| 87       | 26.7  | 20.2  | 30.4   |
| 59       | 11.2  | 8.7   | 13.1   |







#23

Vinyl Acetate

Concen: 228.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1901669

Ion Ratio Lower Upper

43 100

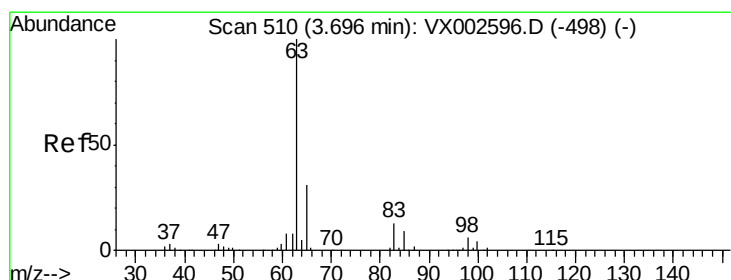
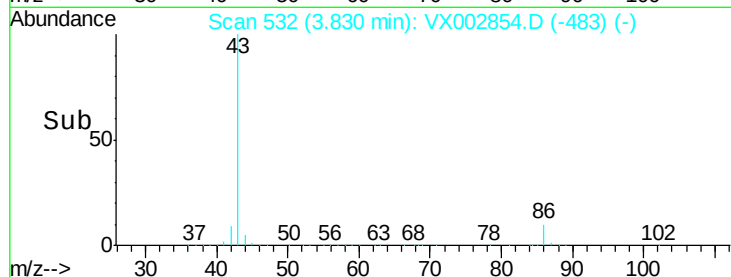
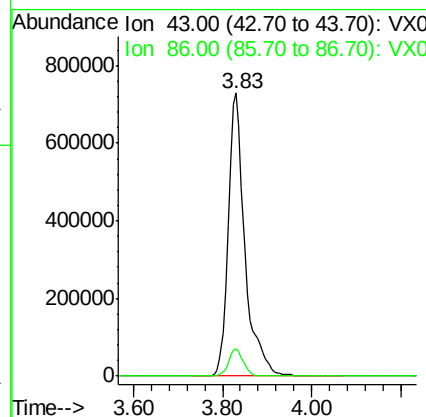
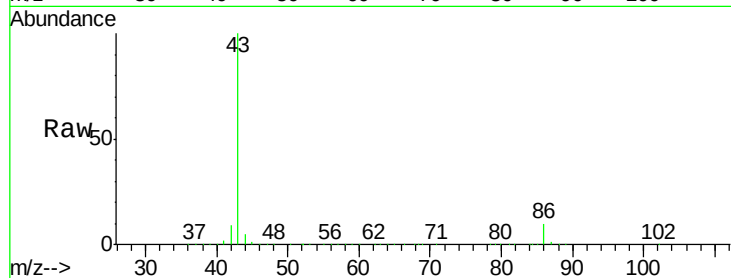
86 9.7 7.4 11.0

Manual Integrations

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MMDadoda

6/25/2018 6:56:10 PM



#24

1,1-Dichloroethane

Concen: 44.54 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

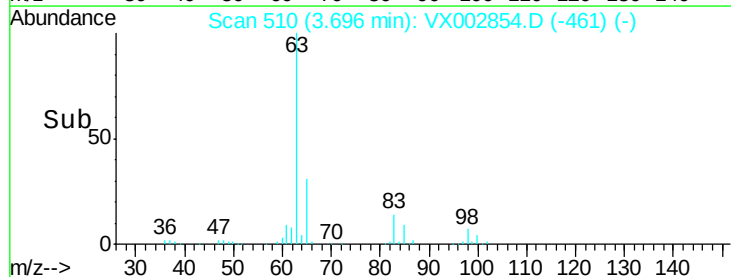
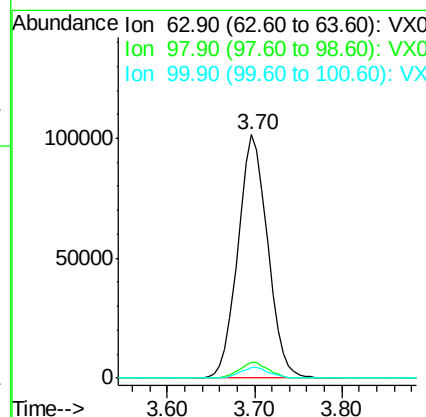
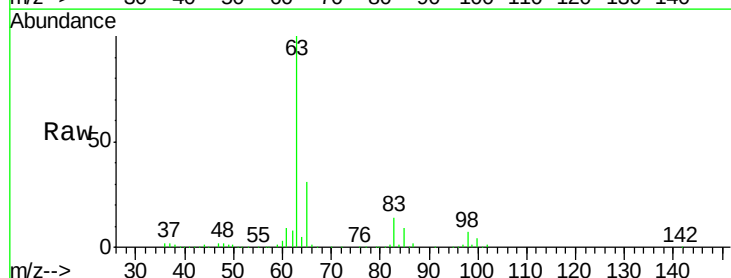
Tgt Ion: 63 Resp: 240252

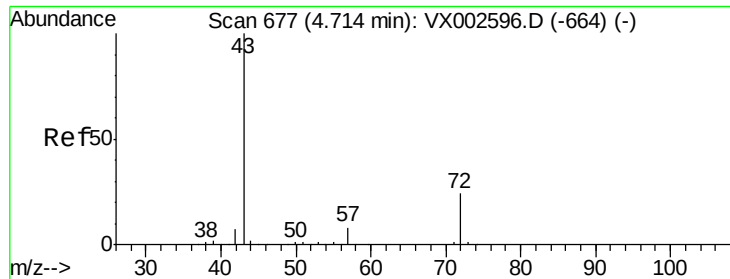
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 241.80 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 527090

Ion Ratio Lower Upper

43 100

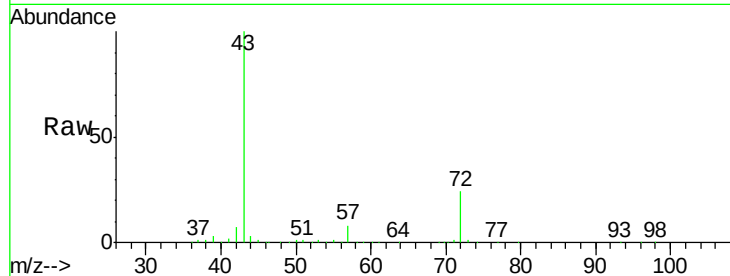
72 23.7 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

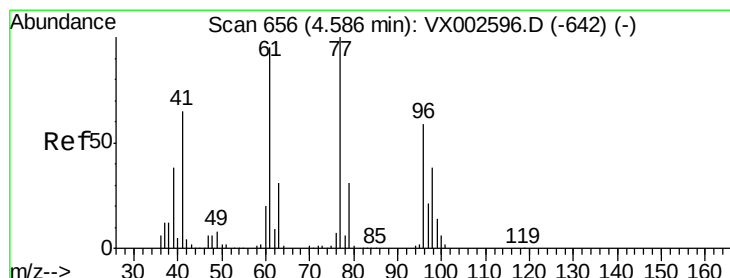
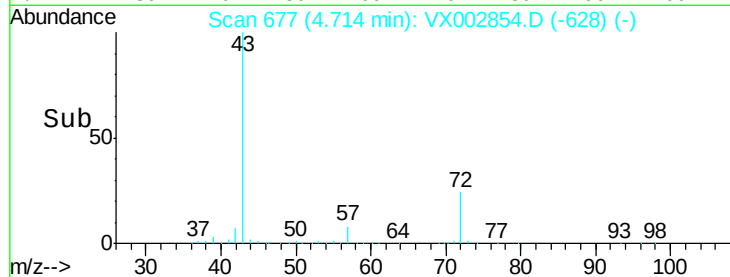
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002854.D

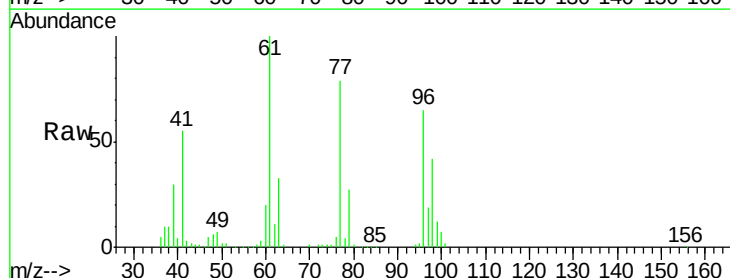
Acq: 23 Jun 2018 01:44

Tgt Ion: 77 Resp: 147376

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

4.40

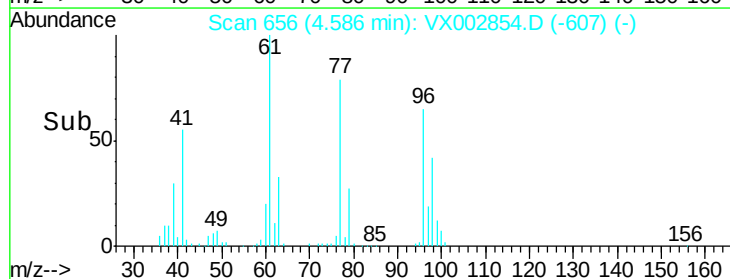
4.50

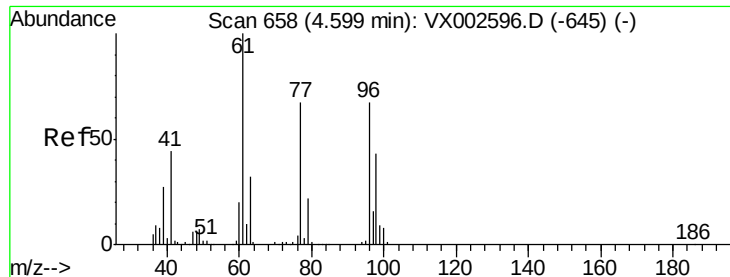
4.60

4.70

4.80

Time-->





#27

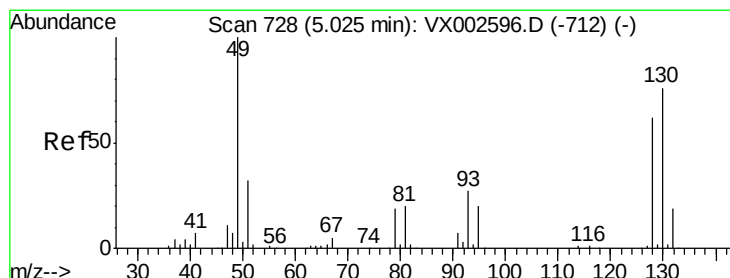
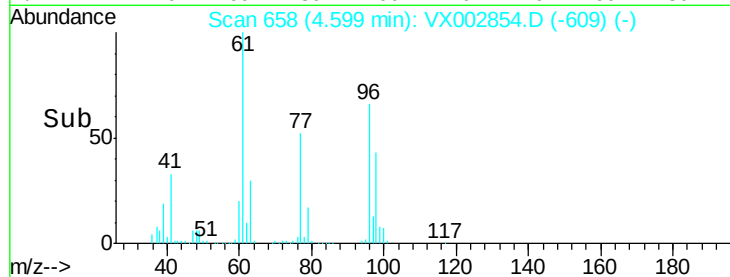
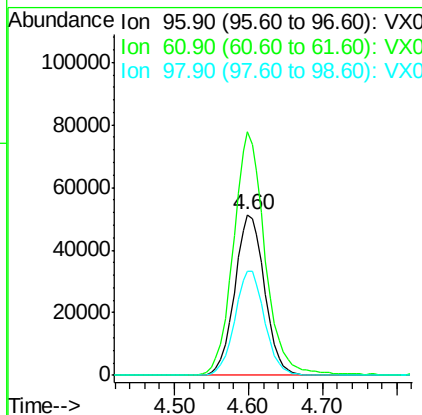
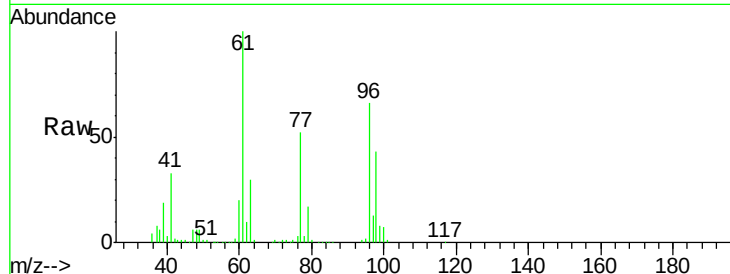
cis-1,2-Dichloroethene  
Concen: 47.22 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.2 | 0.0   | 330.2 |
| 98      | 64.7  | 0.0   | 130.2 |

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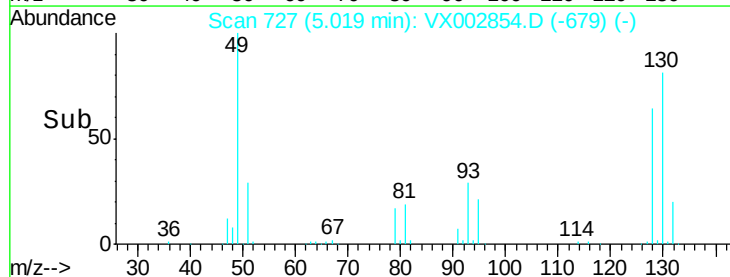
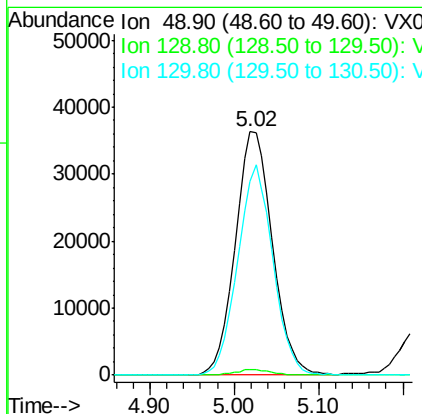
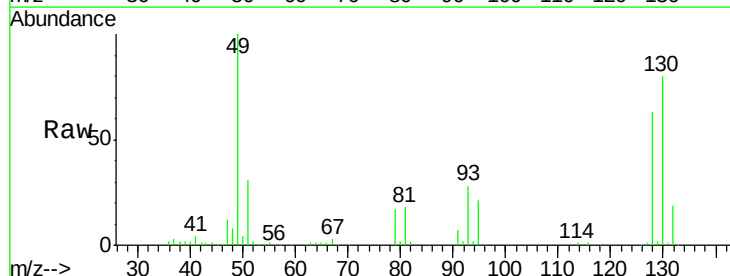
MMDadoda  
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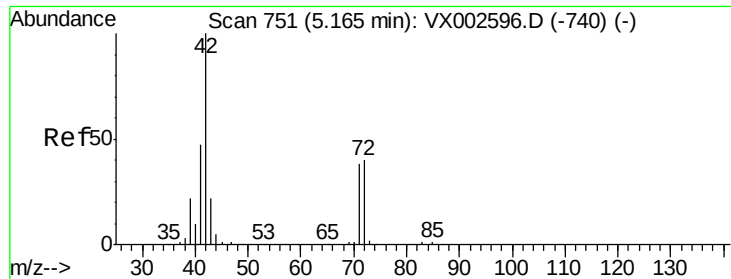


#28

Bromochloromethane  
Concen: 43.04 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.2   |
| 130     | 81.8  | 61.2  | 91.8  |





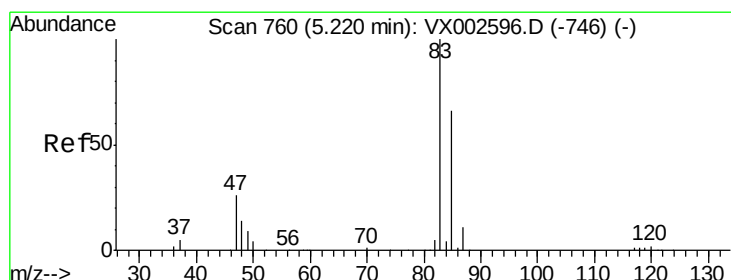
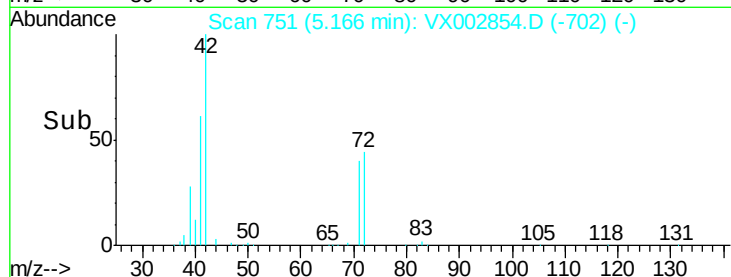
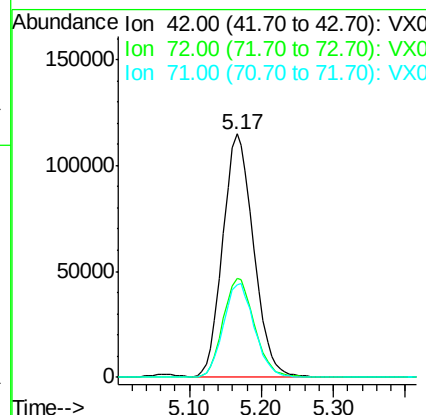
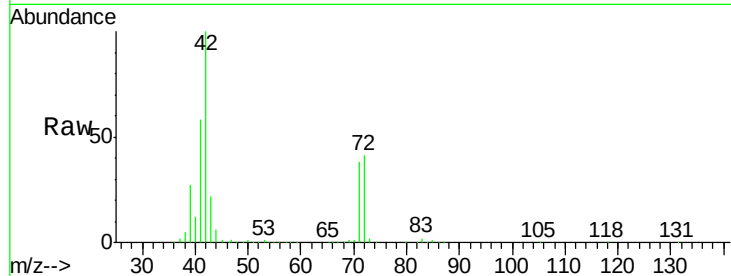
#29  
Tetrahydrofuran  
Concen: 238.51 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.6  | 32.0  | 48.0  |
| 71      | 38.8  | 30.1  | 45.1  |

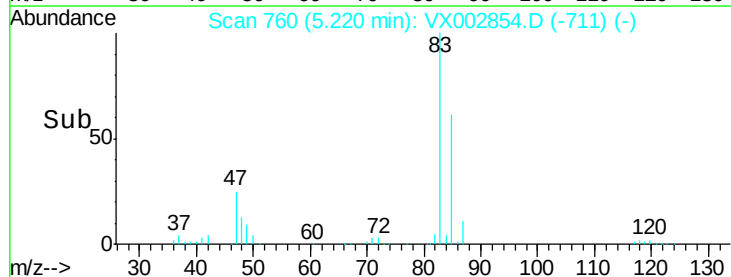
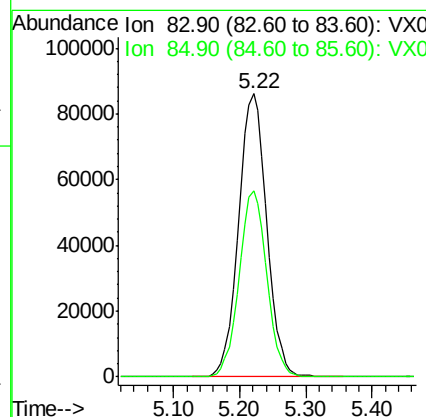
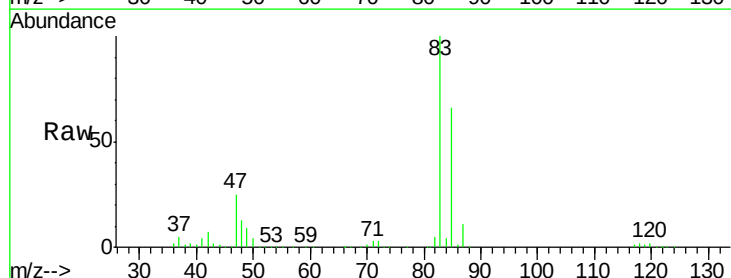
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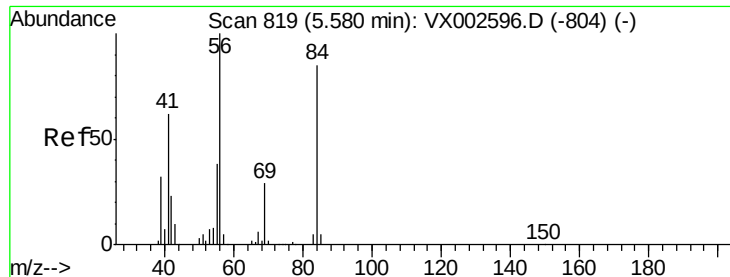
MMDadoda  
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#30  
Chloroform  
Concen: 48.83 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 46.57 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

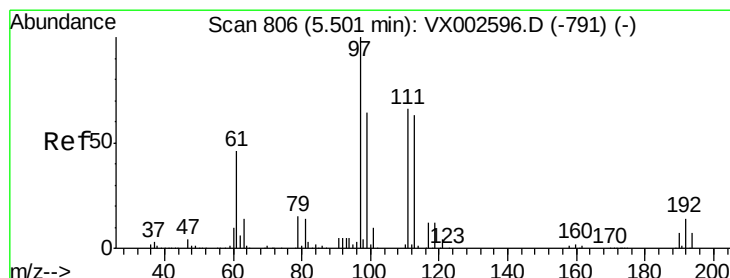
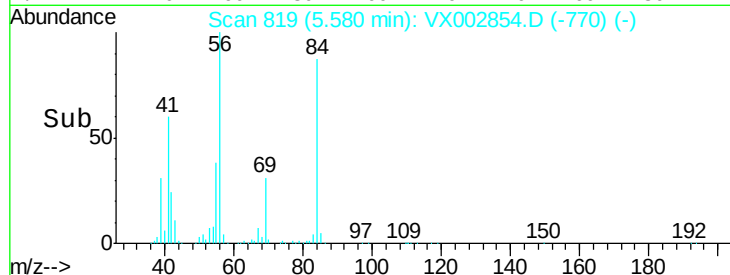
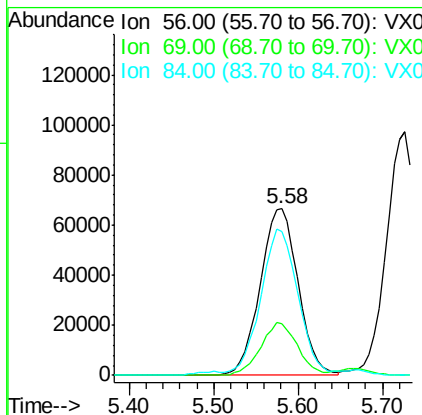
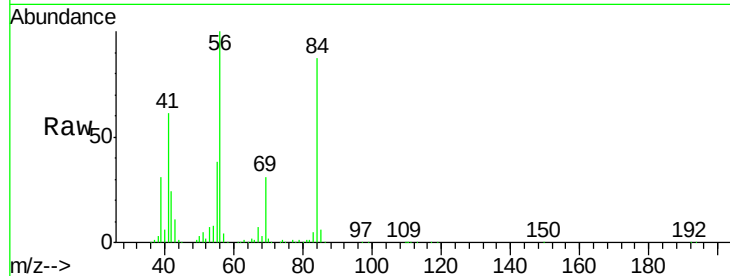
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 206821 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 30.9  | 23.7  | 35.5   |
| 84        | 86.1  | 64.1  | 96.1   |

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#32

1,1,1-Trichloroethane

Concen: 51.72 ug/l

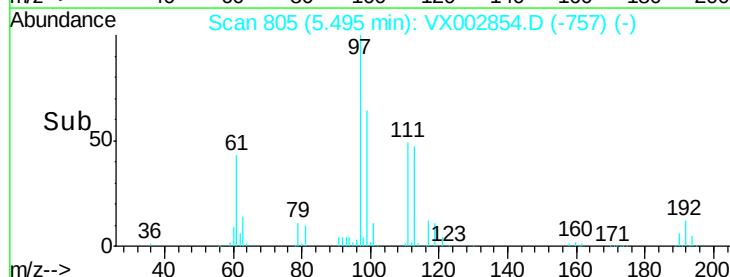
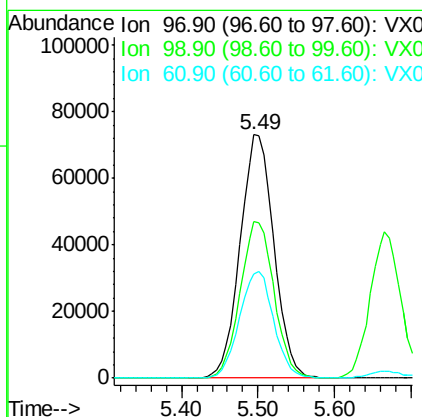
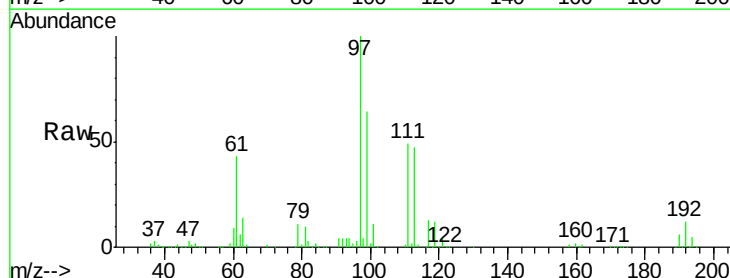
RT: 5.49 min Scan# 805

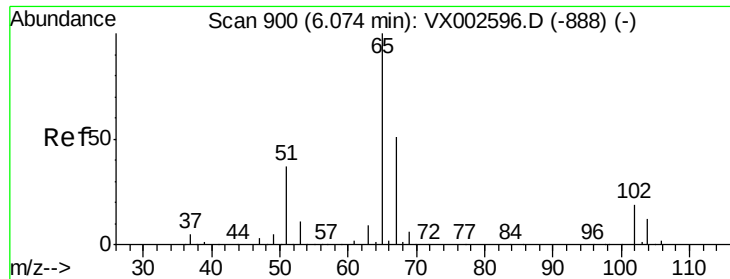
Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 224966 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.3  | 51.6  | 77.4   |
| 61        | 44.3  | 36.4  | 54.6   |





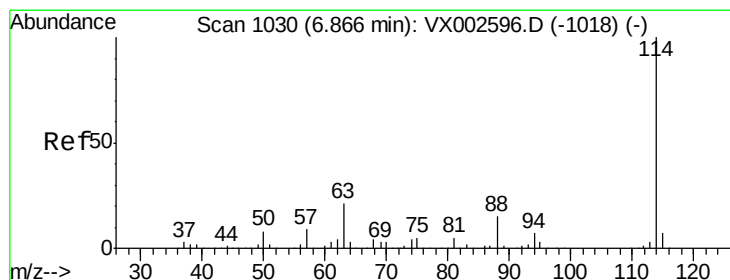
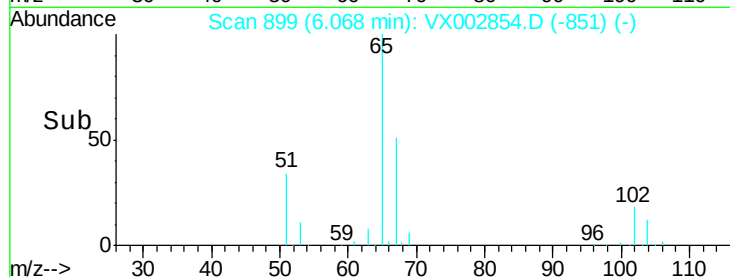
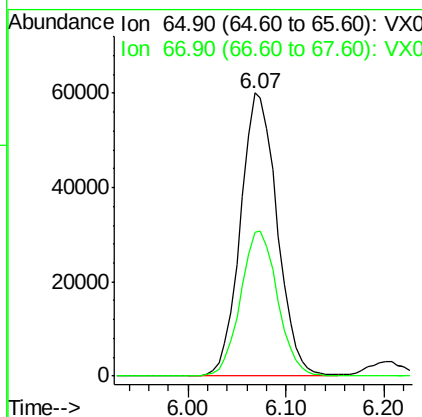
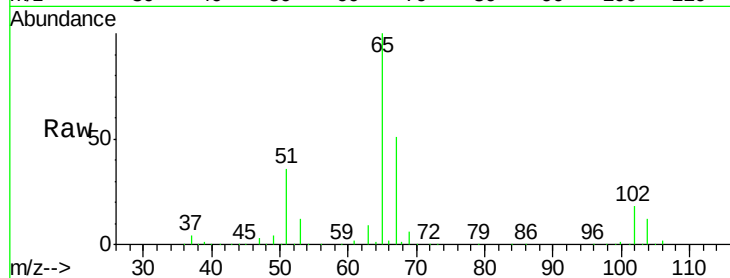
#33  
 1,2-Dichloroethane-d4  
 Concen: 41.47 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 156026 |       |       |
| 67      | 51.8  | 0.0    | 102.6 |       |

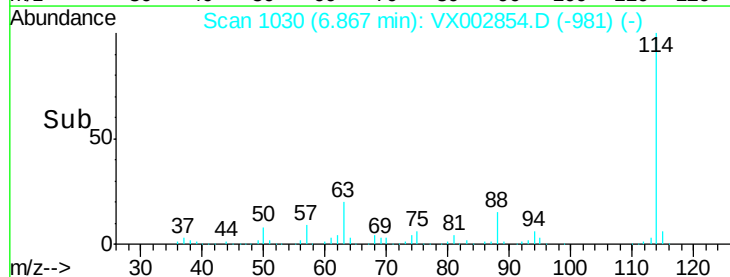
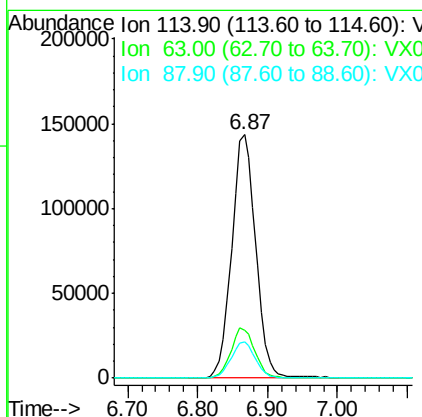
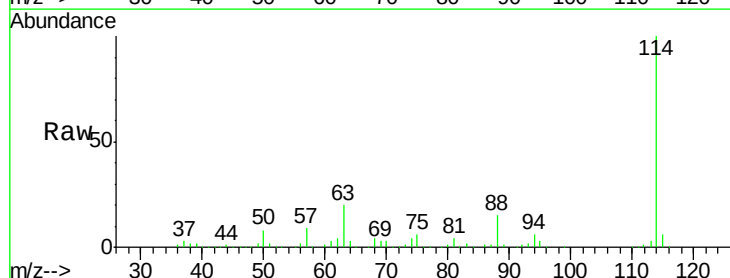
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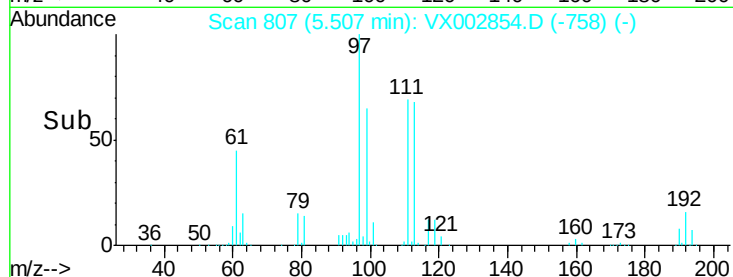
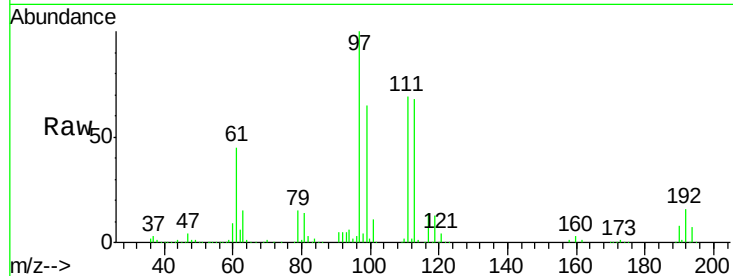
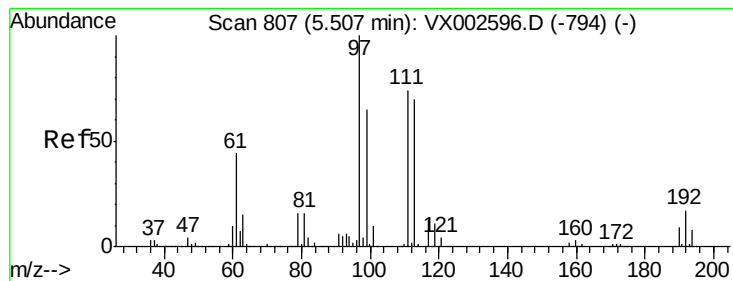
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 342287 |       |       |
| 63      | 19.8  | 0.0    | 41.4  |       |
| 88      | 14.9  | 0.0    | 30.0  |       |





#35

Dibromofluoromethane

Concen: 46.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 126411 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.8 | 81.4  | 122.0  |
| 192       | 24.5  | 19.1  | 28.7   |

Instrument :

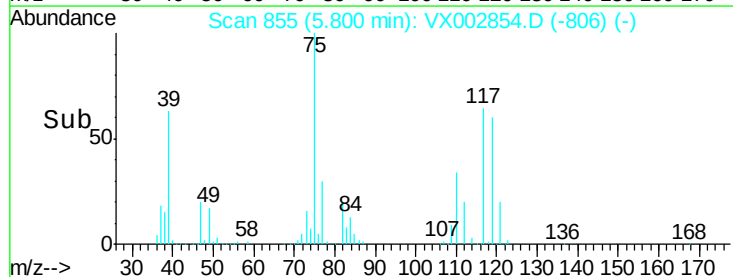
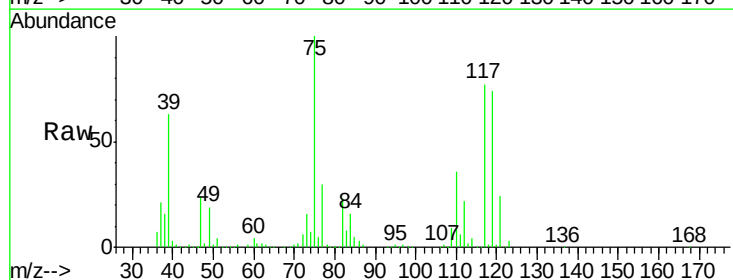
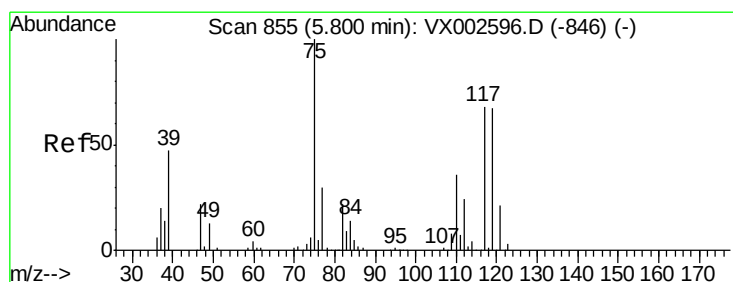
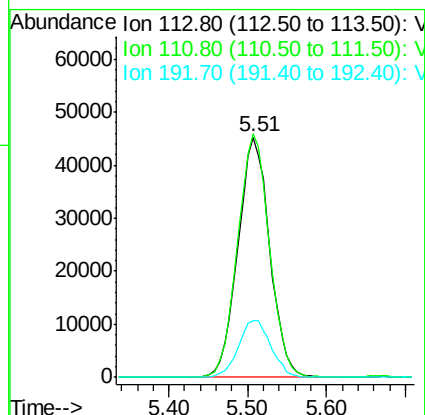
MSVOA\_X

ClientSampleId :

VSTDCCC050EC

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6/25/2018 6:56:10 PM



#36

1,1-Dichloropropene

Concen: 49.78 ug/l

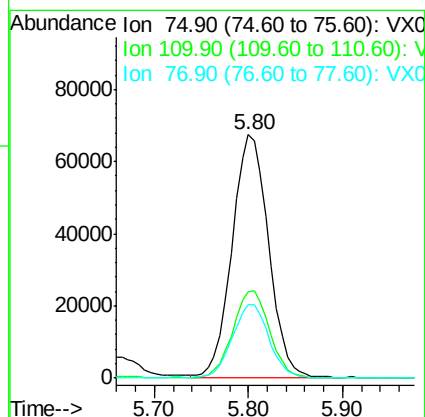
RT: 5.80 min Scan# 855

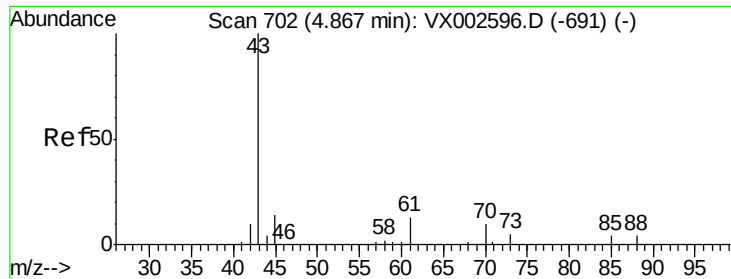
Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 180979 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.6  | 18.1  | 54.4   |
| 77        | 30.2  | 24.3  | 36.5   |





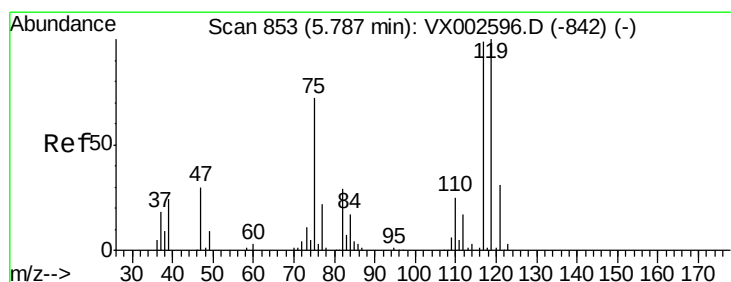
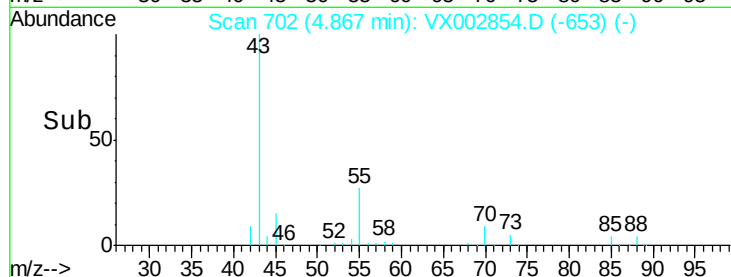
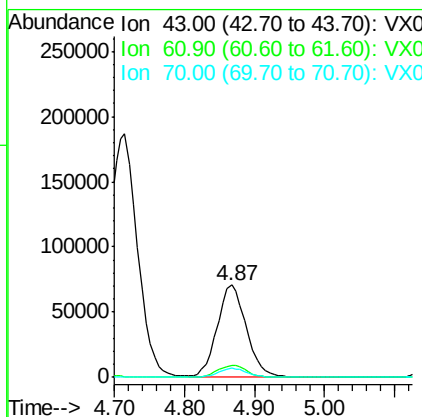
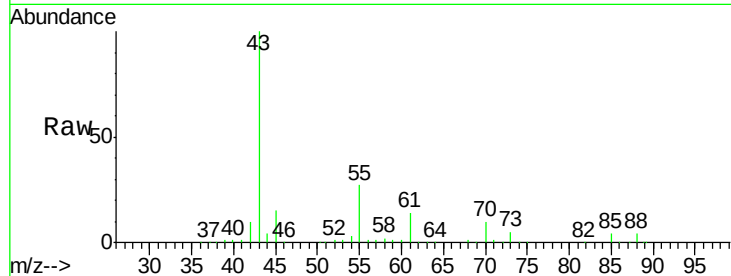
#37  
Ethyl Acetate  
Concen: 49.64 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.8  | 10.4  | 15.6  |
| 70      | 9.9   | 7.6   | 11.4  |

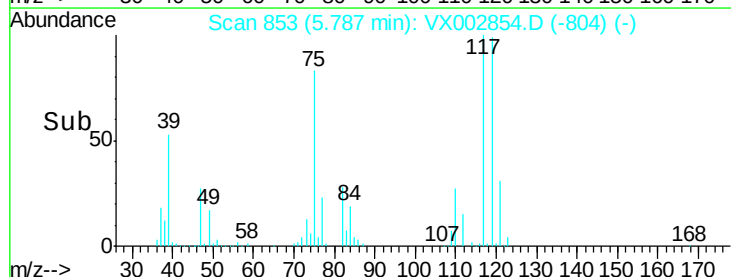
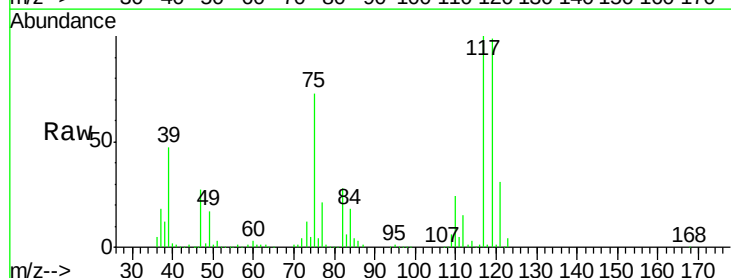
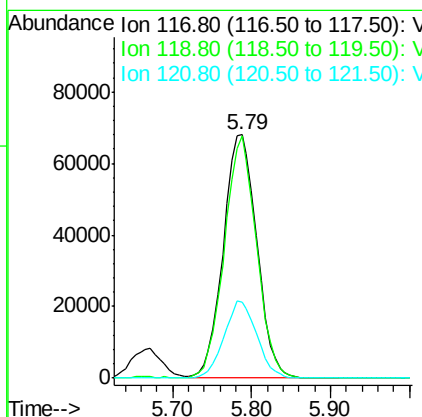
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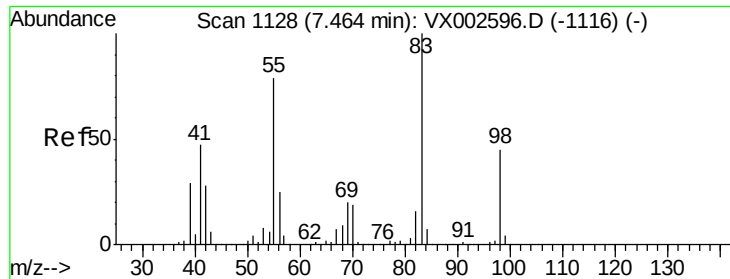


#38  
Carbon Tetrachloride  
Concen: 55.63 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.3  | 77.4  | 116.0 |
| 121     | 30.9  | 24.4  | 36.6  |







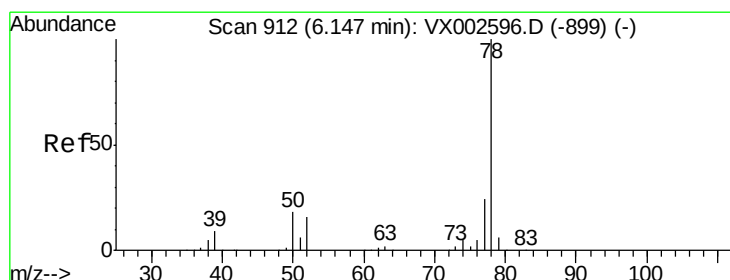
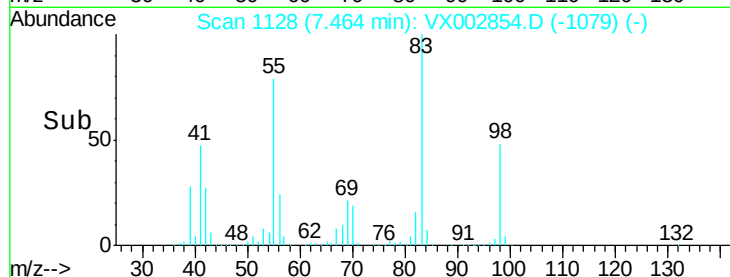
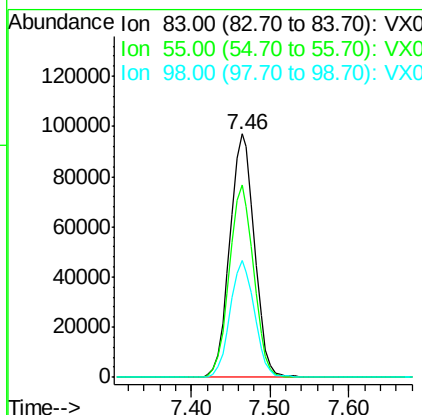
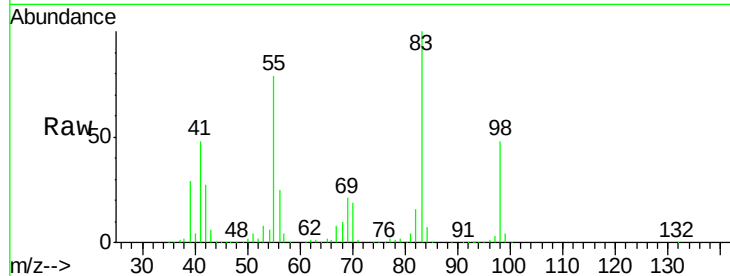
#39  
Methylvlcyclohexane  
Concen: 49.72 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.7  | 65.4  | 98.0  |
| 98      | 47.9  | 37.4  | 56.0  |

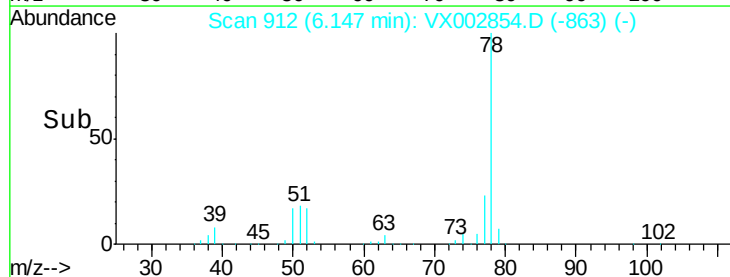
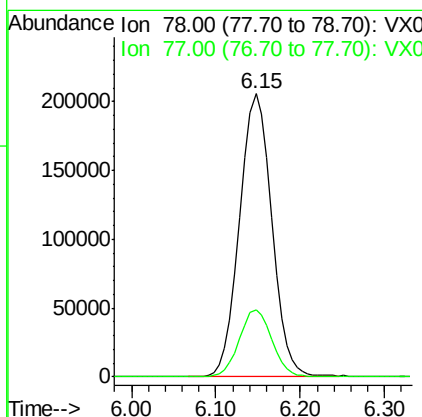
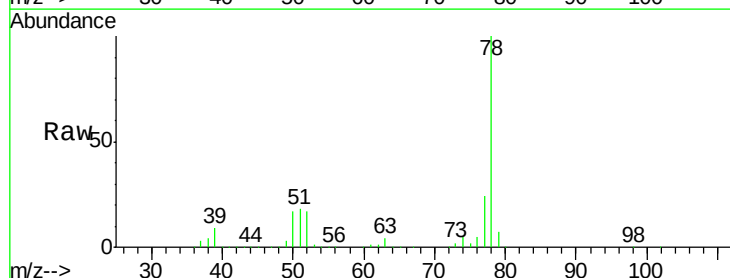
Manual Integrations  
APPROVED

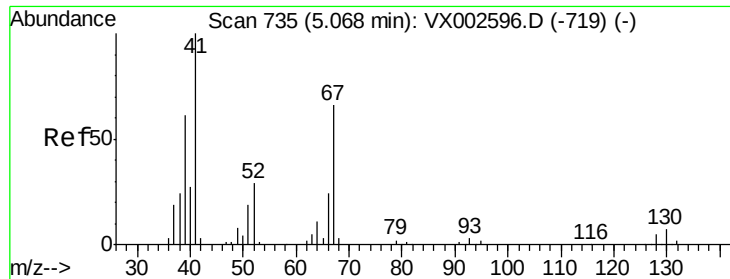
MMDadoda  
6/25/2018 6:56:10 PM



#40  
Benzene  
Concen: 48.98 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.1  | 28.7  |





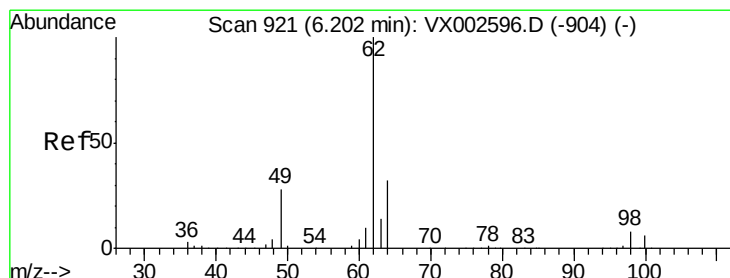
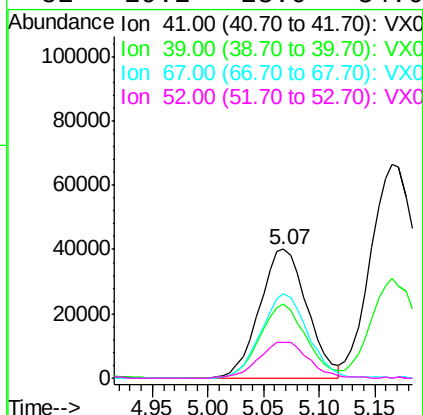
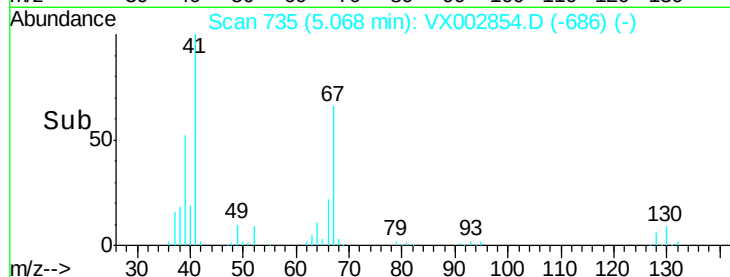
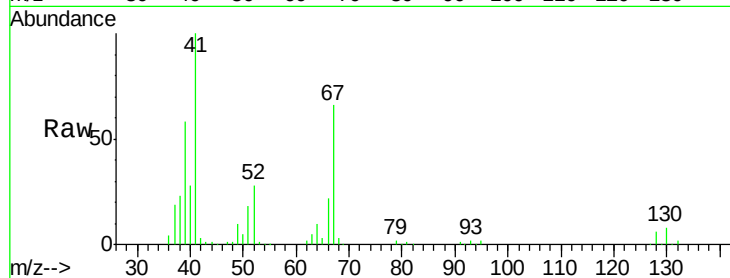
#41  
Methacrylonitrile  
Concen: 51.02 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.3 | 45.8  | 68.6  |       |
| 67      | 65.2 | 51.3  | 76.9  |       |
| 52      | 29.2 | 23.0  | 34.6  |       |

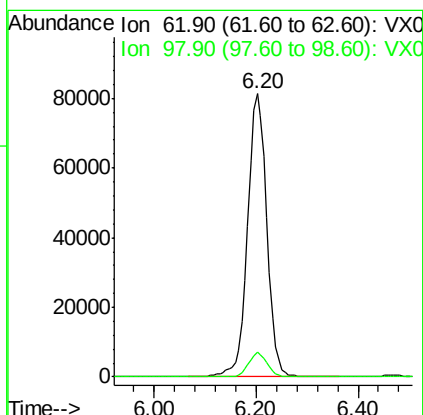
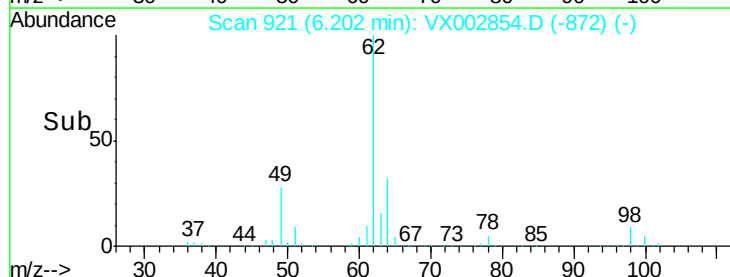
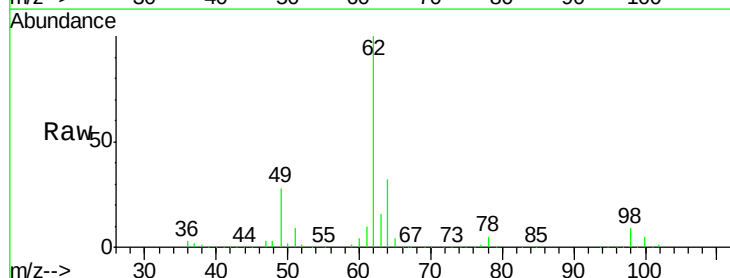
Manual Integrations  
APPROVED

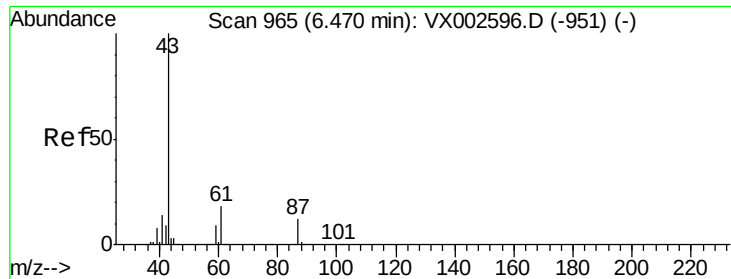
MMDadoda  
6/25/2018 6:56:10 PM



#42  
1,2-Dichloroethane  
Concen: 50.39 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.3 | 0.0   | 16.6  |       |





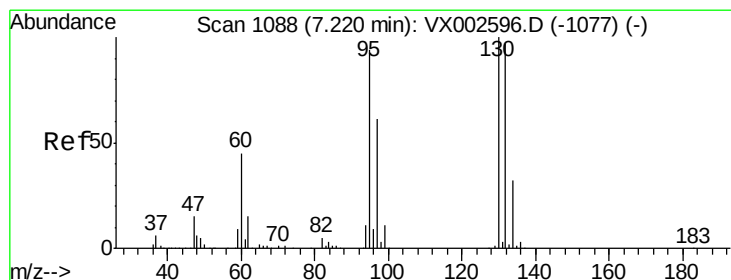
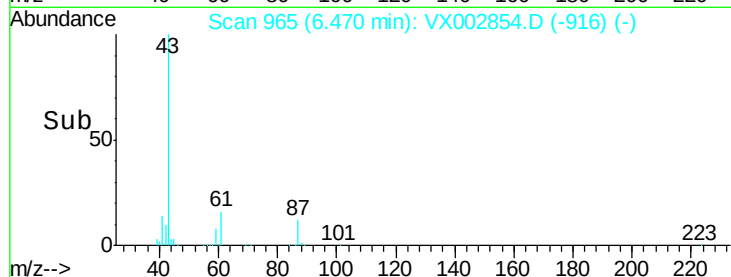
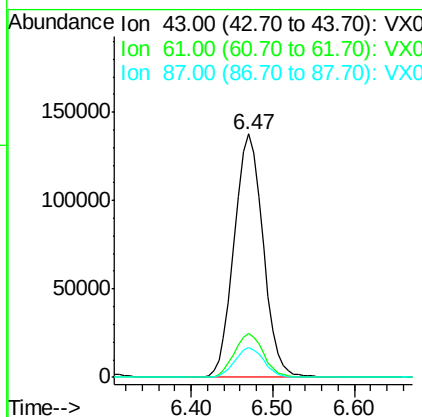
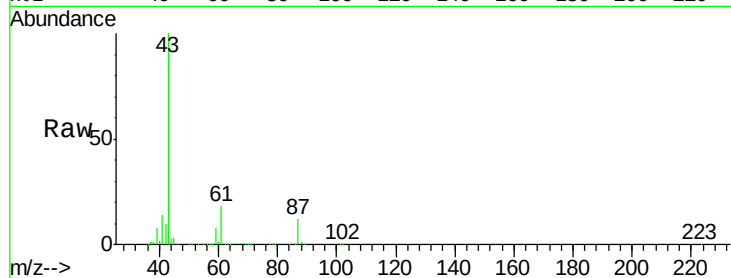
#43  
Isopropyl Acetate  
Concen: 49.39 ug/l  
RT: 6.47 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.2  | 14.4  | 21.6  |
| 87      | 12.2  | 9.5   | 14.3  |

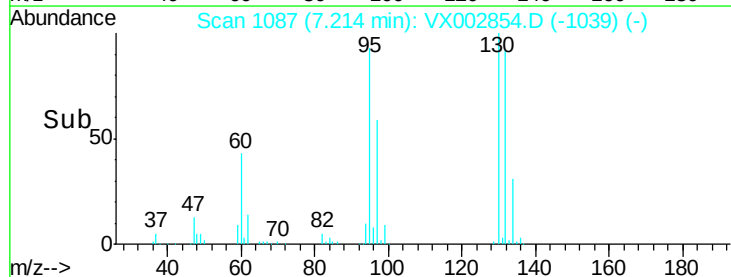
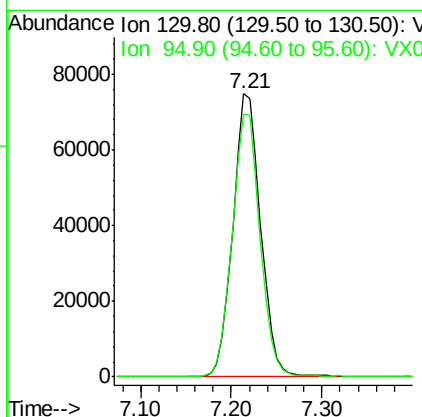
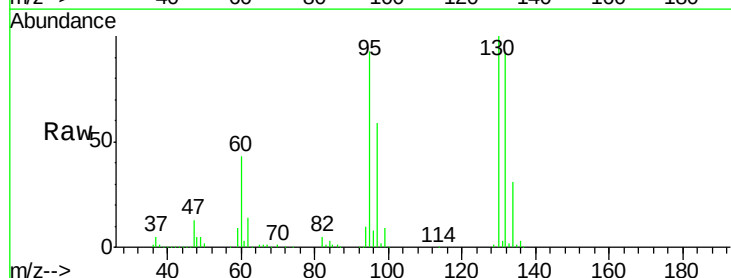
Manual Integrations  
APPROVED

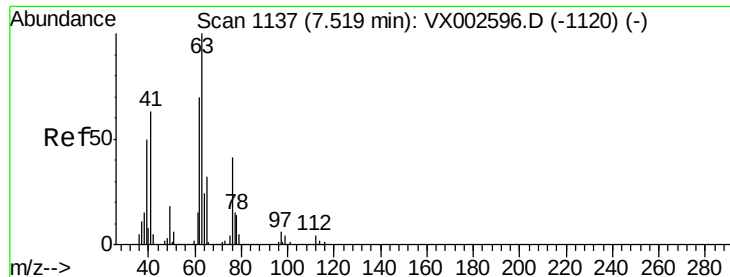
MMDadoda  
6/25/2018 6:56:10 PM



#44  
Trichloroethene  
Concen: 50.37 ug/l  
RT: 7.21 min Scan# 1087  
Delta R.T. -0.01 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.7  | 0.0   | 185.4 |





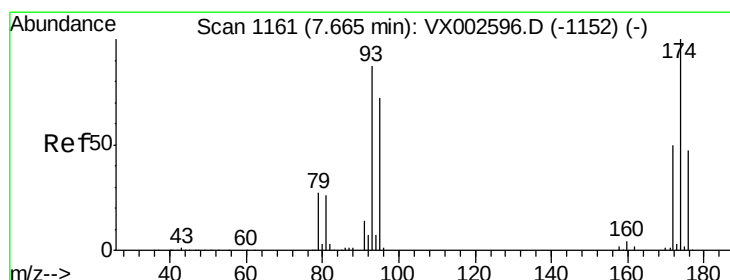
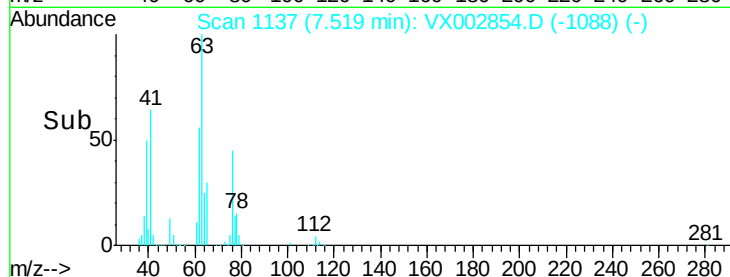
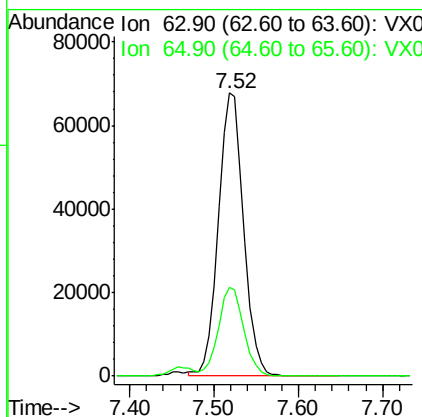
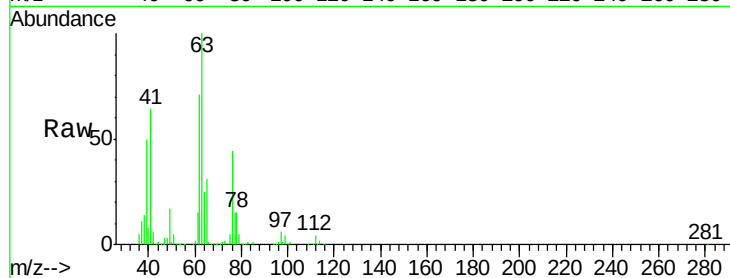
#45  
 1,2-Dichloropropane  
 Concen: 48.82 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.2  | 24.7  | 37.1  |

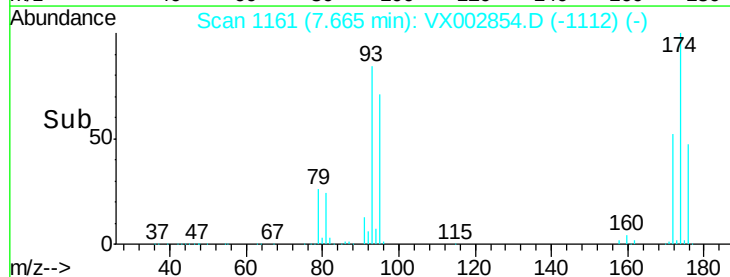
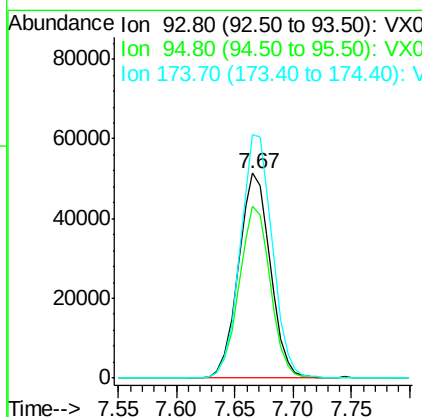
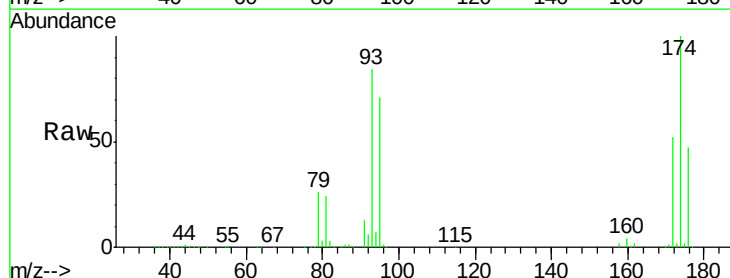
Manual Integrations  
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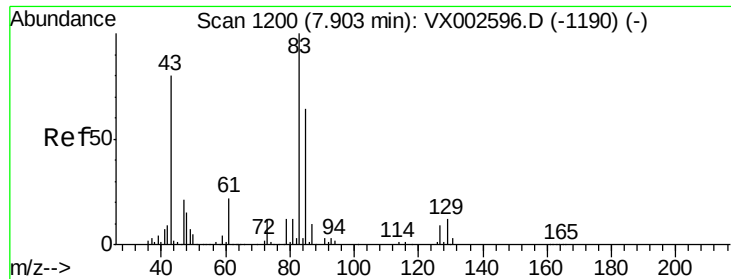
MMDadoda  
 6/25/2018 6:56:10 PM



#46  
 Dibromomethane  
 Concen: 51.08 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.7  | 65.9  | 98.9  |
| 174     | 119.5 | 92.4  | 138.6 |





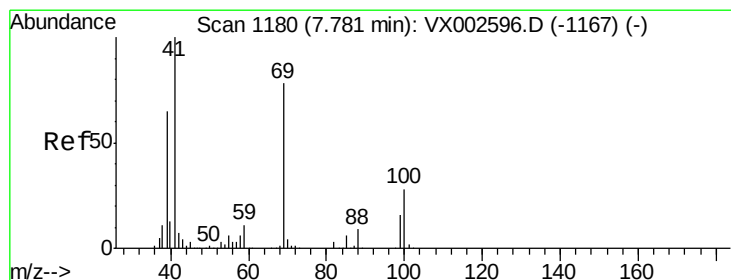
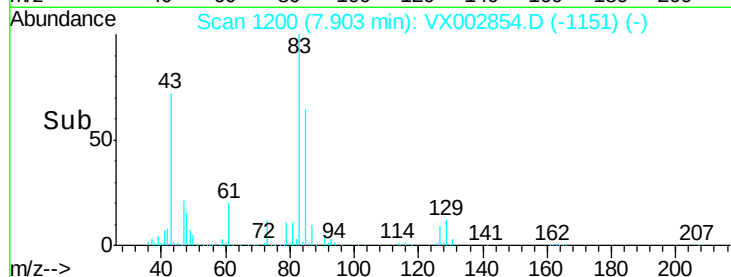
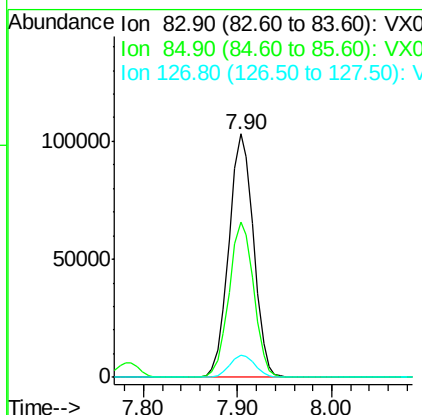
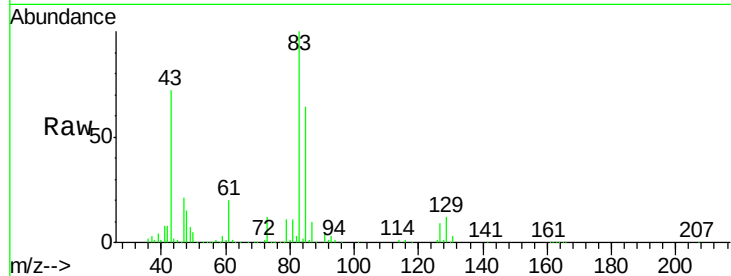
#47  
Bromodichloromethane  
Concen: 55.16 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 50.3  | 75.5  |
| 127     | 9.1   | 7.0   | 10.4  |

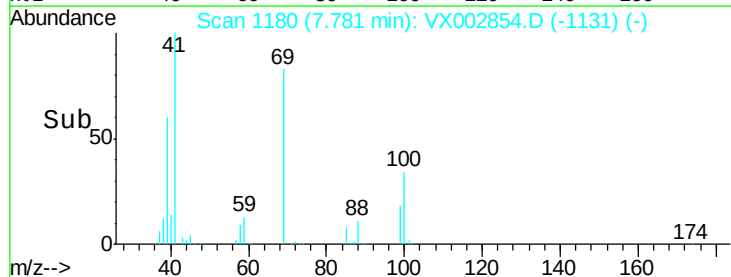
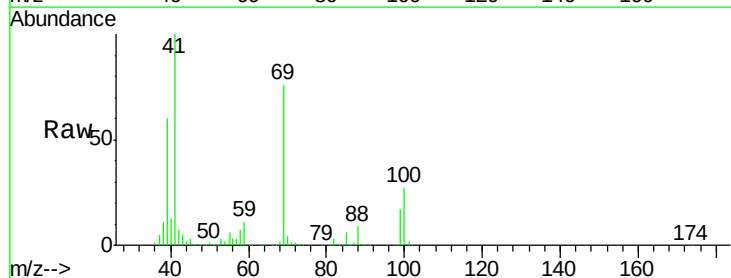
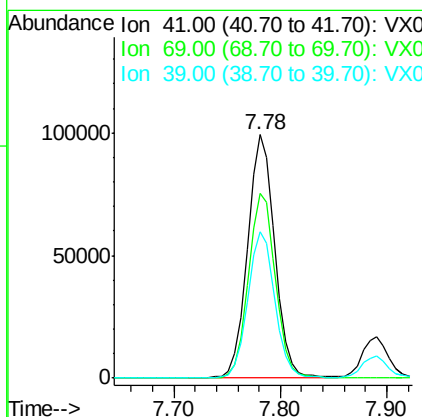
Manual Integrations  
APPROVED

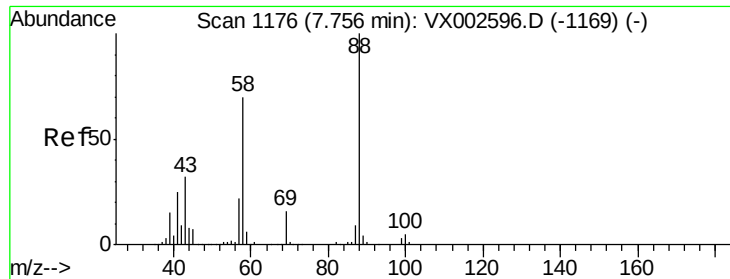
MMDadoda  
6/25/2018 6:56:10 PM



#48  
Methyl methacrylate  
Concen: 50.75 ug/l  
RT: 7.78 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 76.3  | 59.1  | 88.7  |
| 39      | 59.9  | 48.9  | 73.3  |





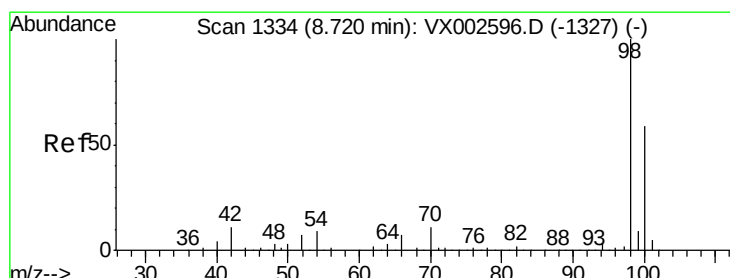
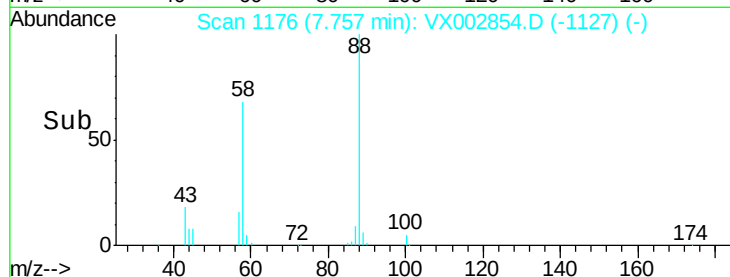
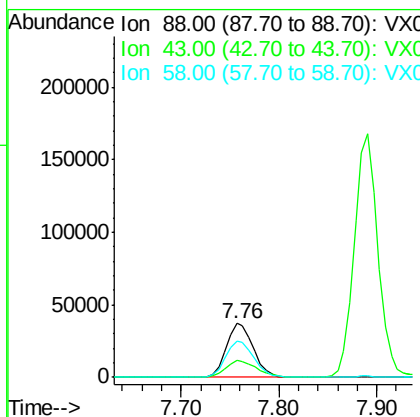
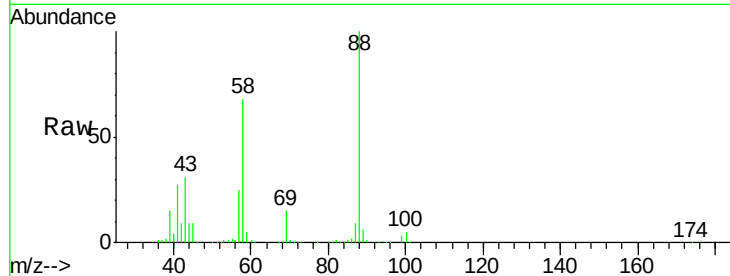
#49  
1,4-Dioxane  
Concen: 1071.27 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.2  | 29.8  | 44.6  |
| 58      | 70.3  | 57.1  | 85.7  |

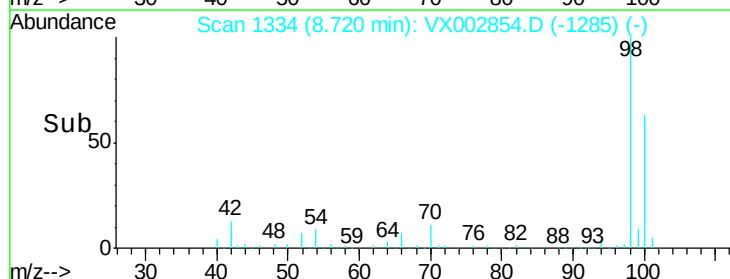
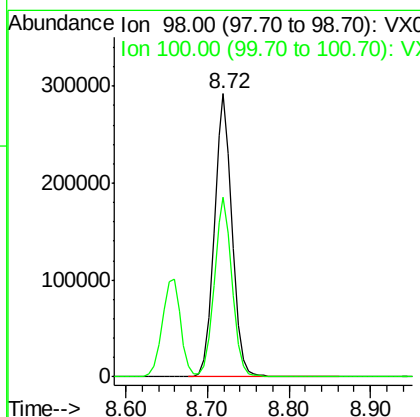
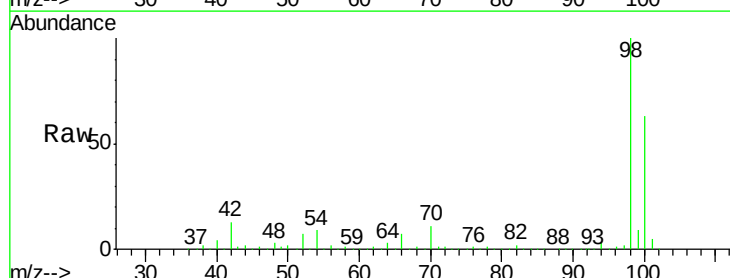
Manual Integrations  
APPROVED

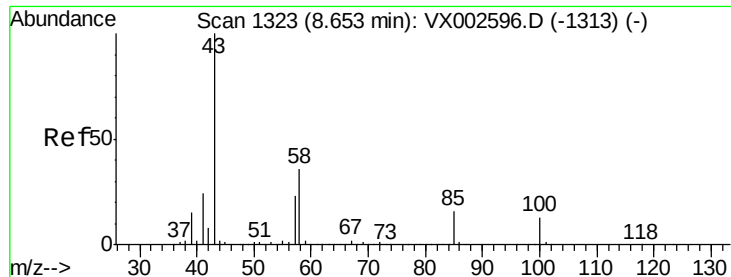
MMDadoda  
6/25/2018 6:56:10 PM



#50  
Toluene-d8  
Concen: 43.08 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 50.9  | 76.3  |





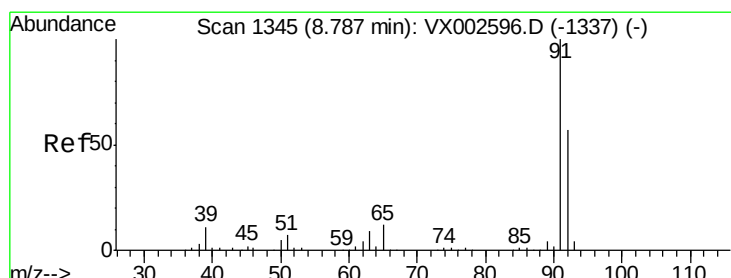
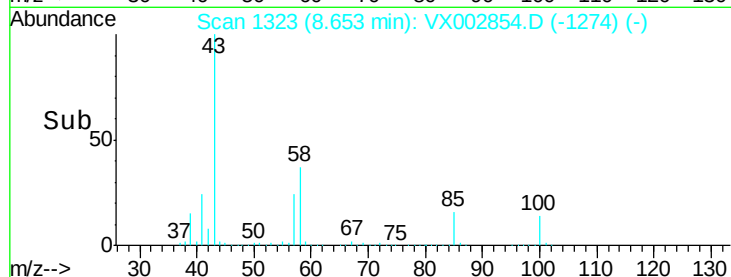
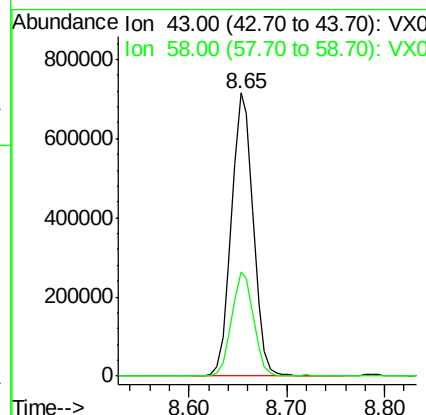
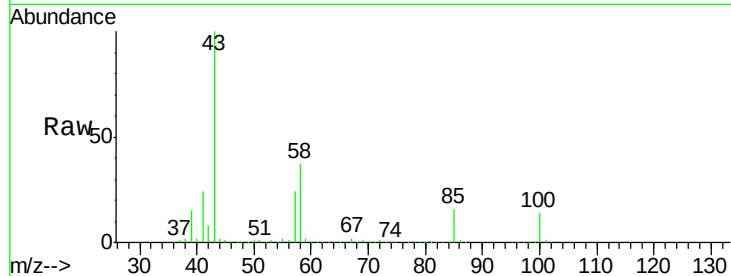
#51  
4-Methyl-2-Pentanone  
Concen: 252.98 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1107307  
Ion Ratio Lower Upper  
43 100  
58 36.9 28.6 42.8

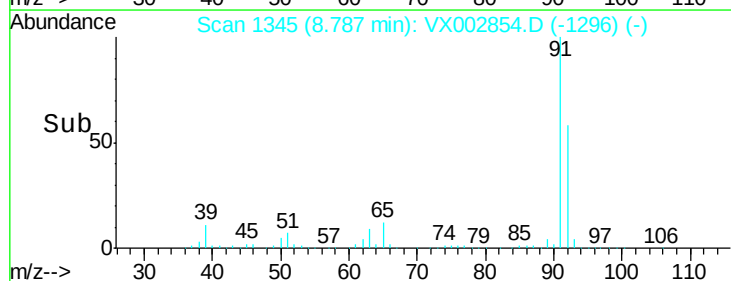
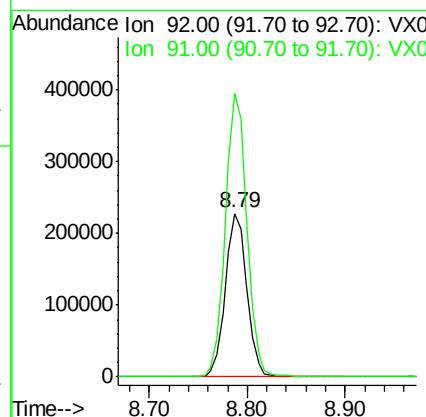
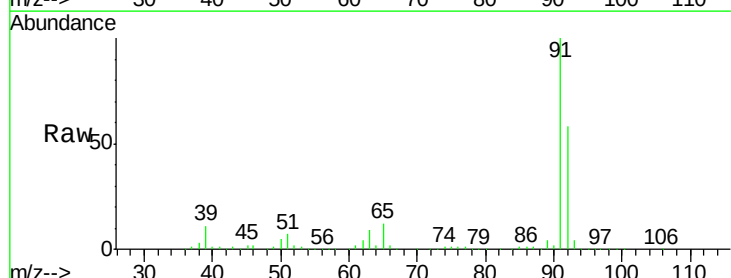
Manual Integrations  
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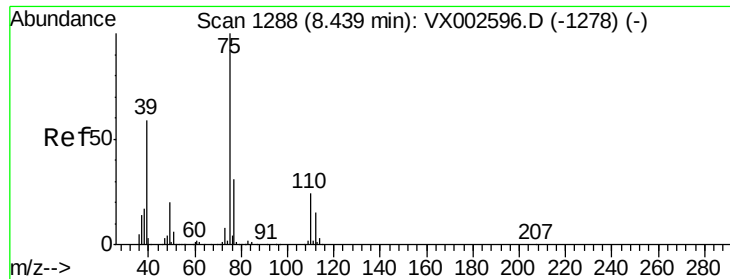
MMDadoda  
6/25/2018 6:56:10 PM



#52  
Toluene  
Concen: 50.12 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Tgt Ion: 92 Resp: 348471  
Ion Ratio Lower Upper  
92 100  
91 173.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 46.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 208009

Ion Ratio Lower Upper

75 100

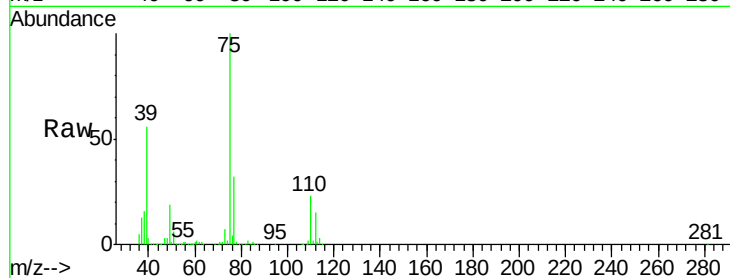
77 31.9 25.4 38.2

Manual Integrations

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MMDadoda

6/25/2018 6:56:10 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

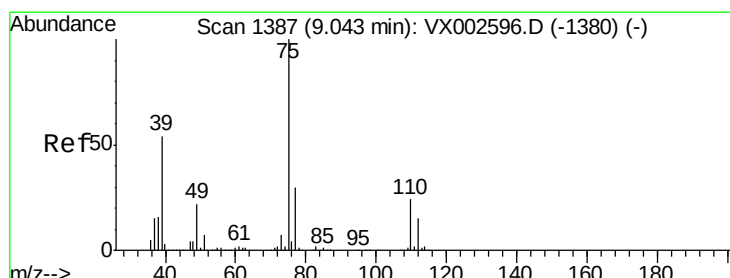
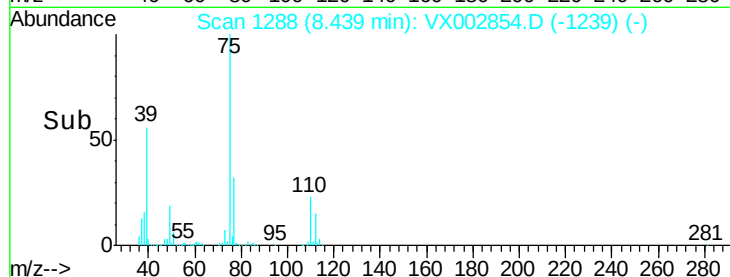
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.02 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

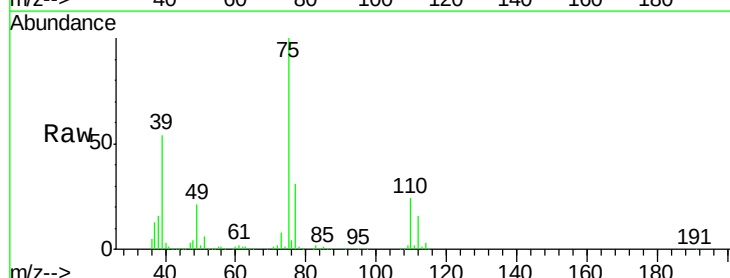
Tgt Ion: 75 Resp: 195538

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 53.8 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

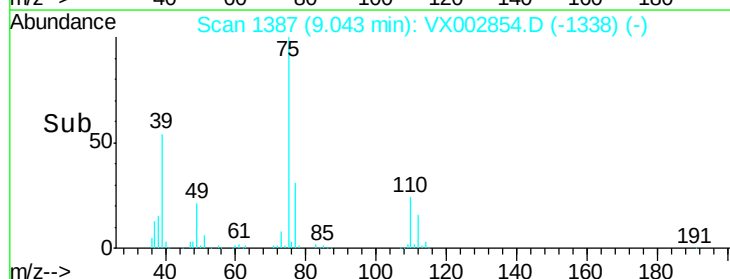
150000

100000

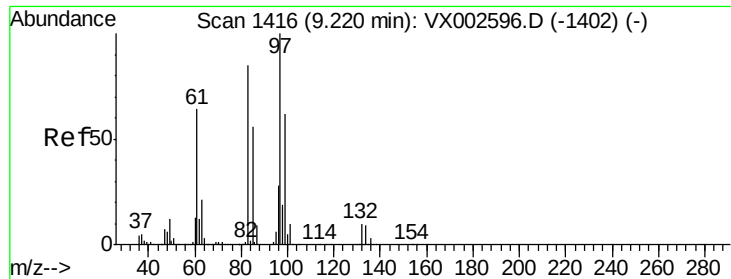
50000

0

Time-->







#55

1,1,2-Trichloroethane

Concen: 51.38 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

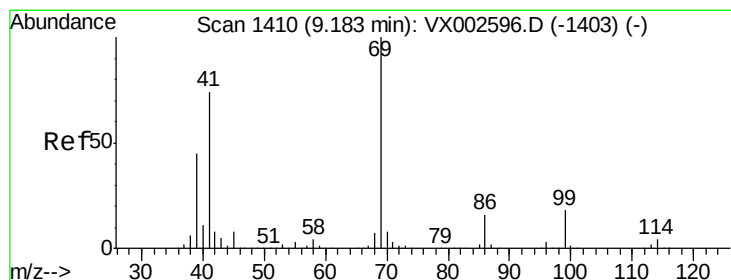
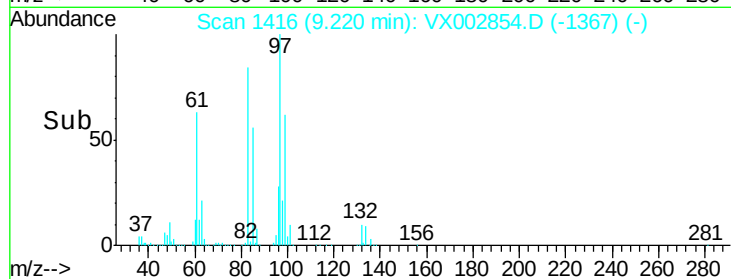
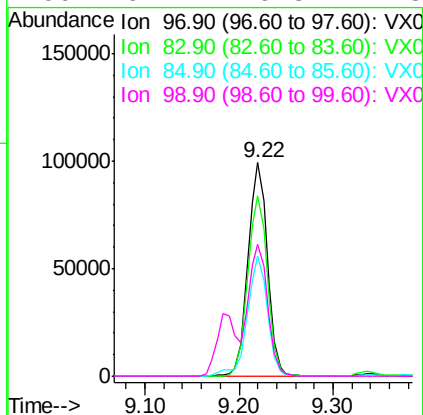
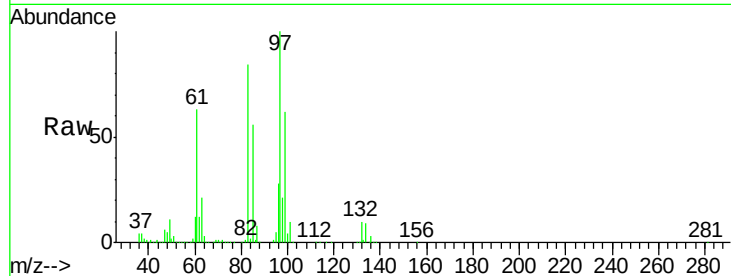
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 144361 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.4  | 70.2  | 105.2  |
| 85       | 56.4  | 44.9  | 67.3   |
| 99       | 61.7  | 49.8  | 74.8   |

Manual Integrations  
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MMDadoda  
6/25/2018 6:56:10 PM



#56

Ethyl methacrylate

Concen: 51.18 ug/l

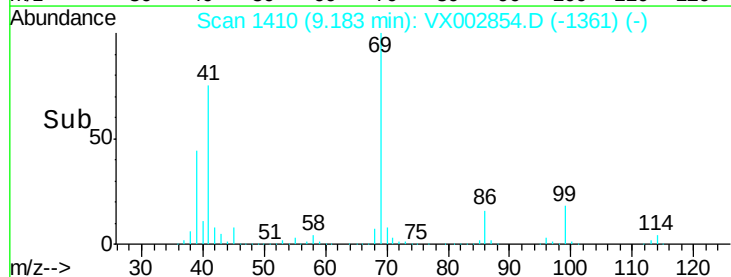
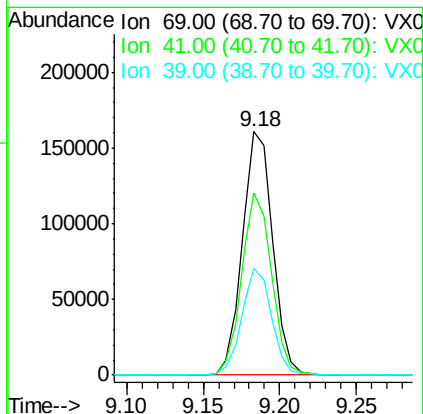
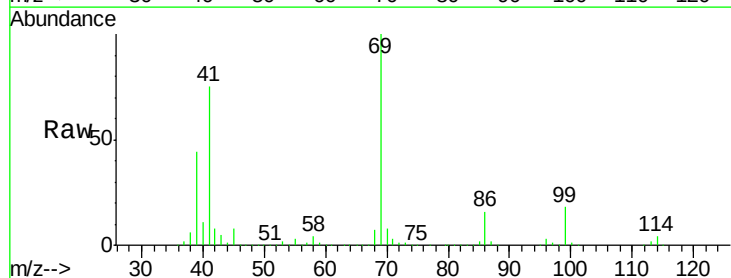
RT: 9.18 min Scan# 1410

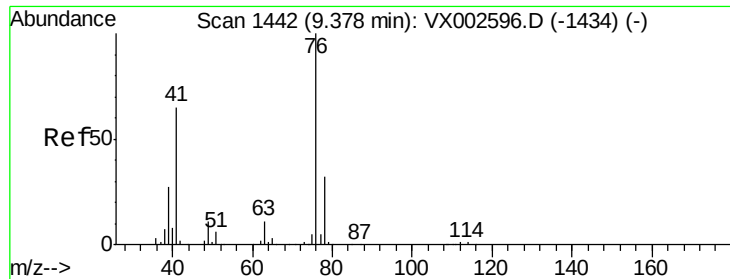
Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 221307 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 73.5  | 60.3  | 90.5   |
| 39       | 42.6  | 35.8  | 53.8   |





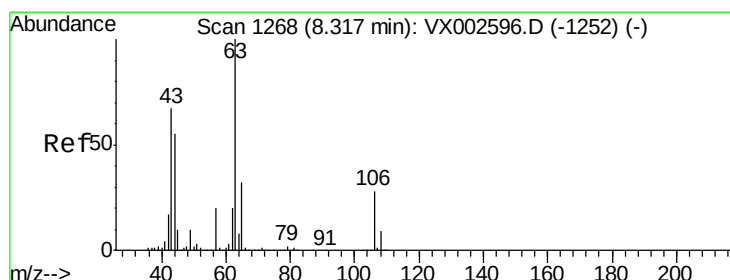
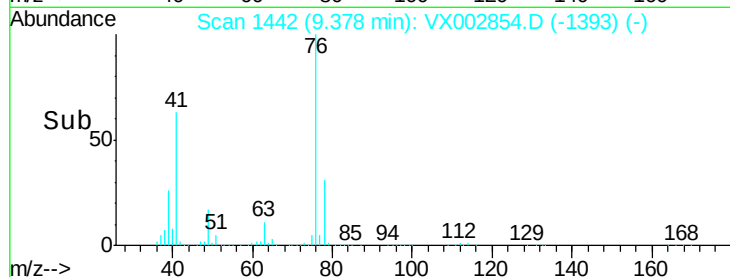
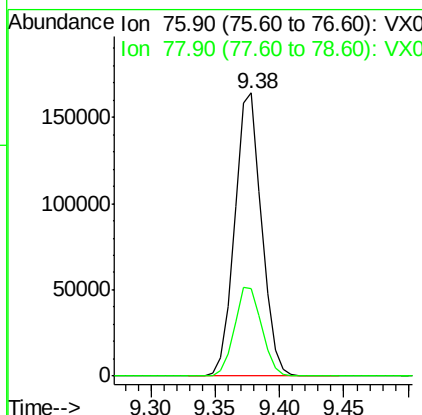
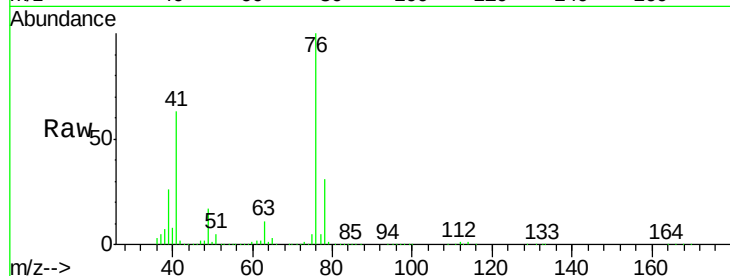
#57  
 1,3-Dichloropropane  
 Concen: 50.09 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.8  | 38.6  |

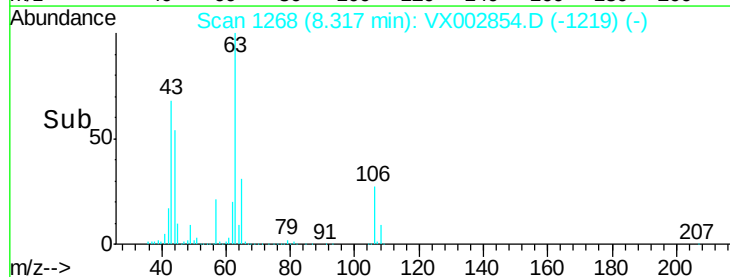
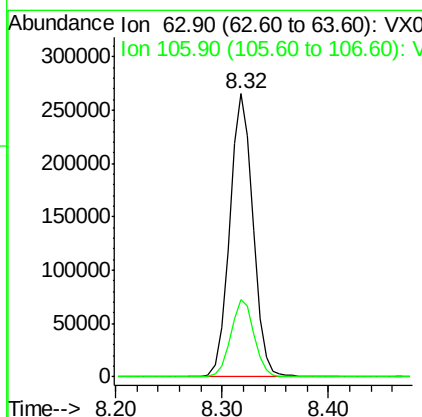
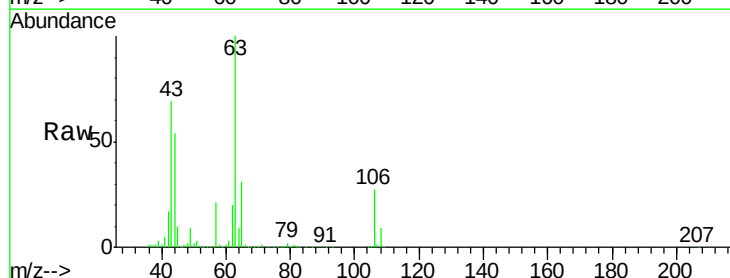
Manual Integrations  
 APPROVED

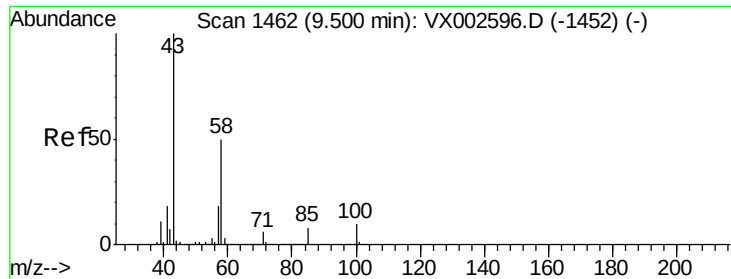
MMDadoda  
 6/25/2018 6:56:10 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 193.68 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.7  | 21.8  | 32.8  |





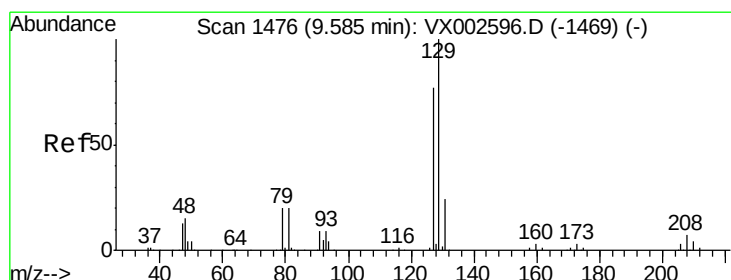
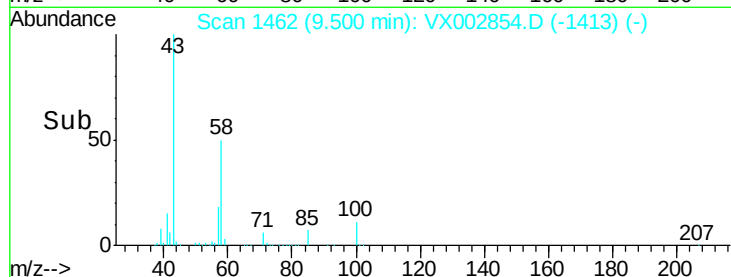
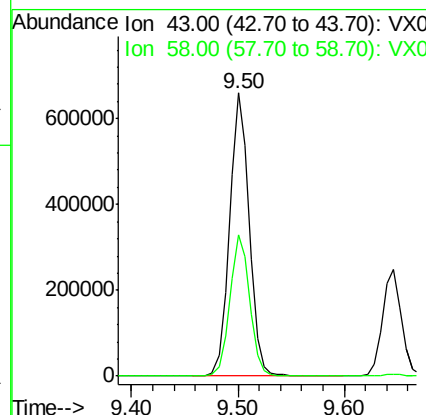
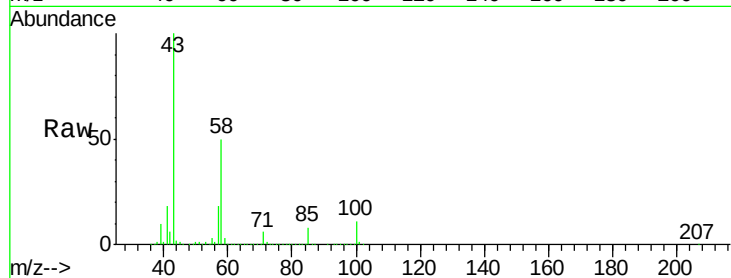
#59  
2-Hexanone  
Concen: 257.74 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 850128  
Ion Ratio Lower Upper  
43 100  
58 50.4 24.6 73.6

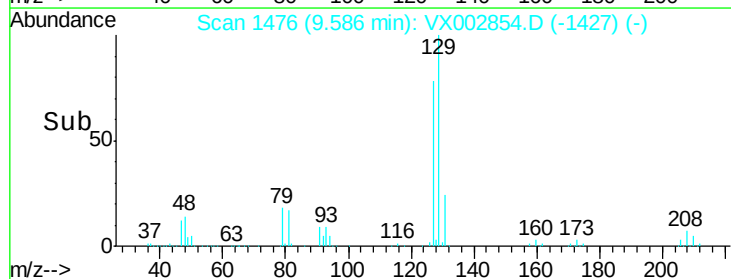
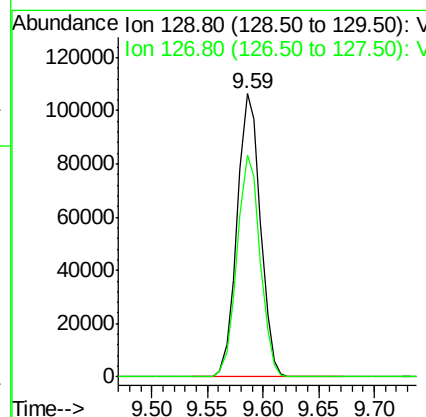
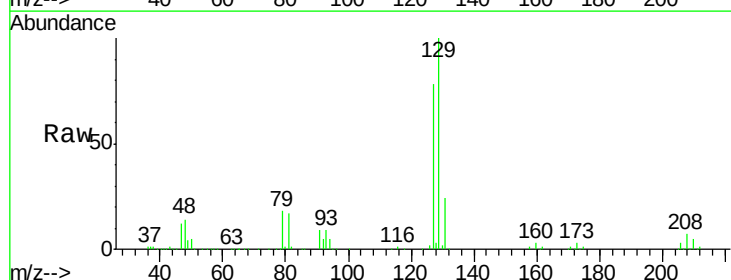
Manual Integrations  
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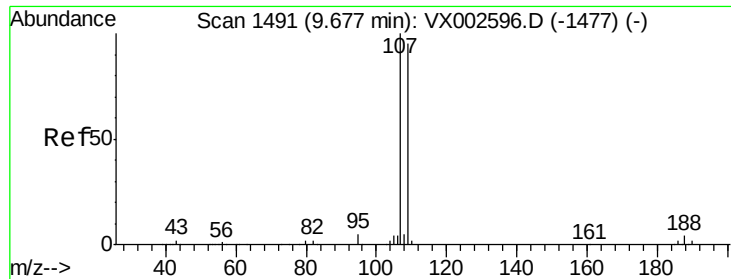
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 48.90 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Tgt Ion: 129 Resp: 154256  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 151680

Ion Ratio Lower Upper

107 100

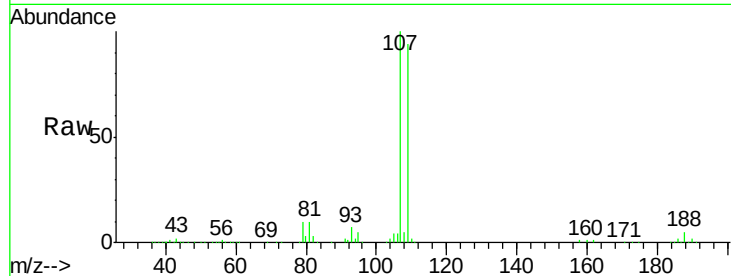
109 95.4 75.3 112.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

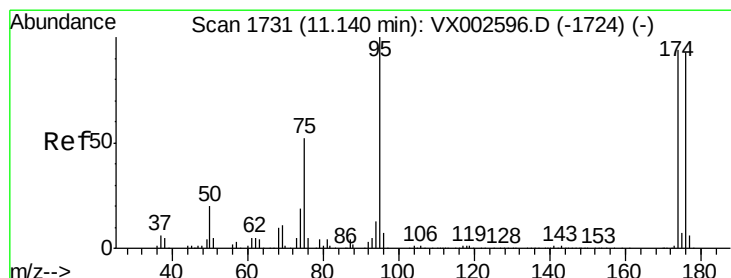
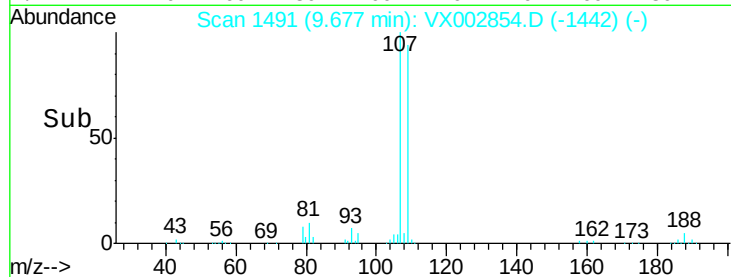
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

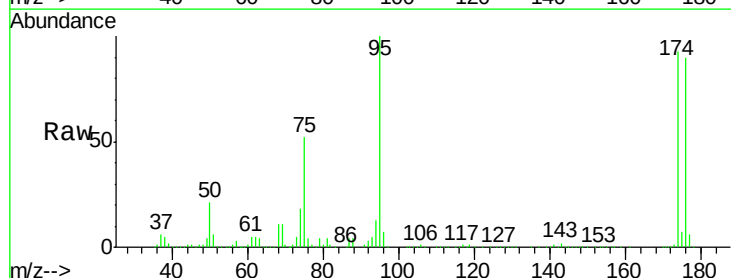
Tgt Ion: 95 Resp: 177818

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

176 93.6 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

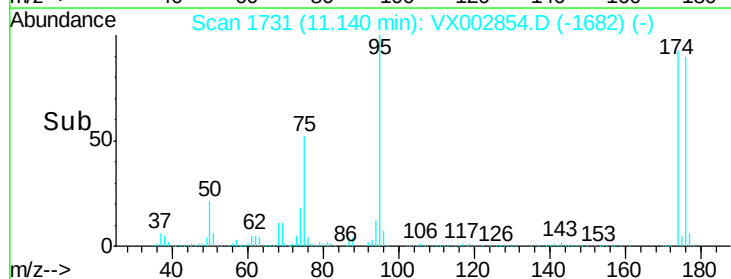
150000

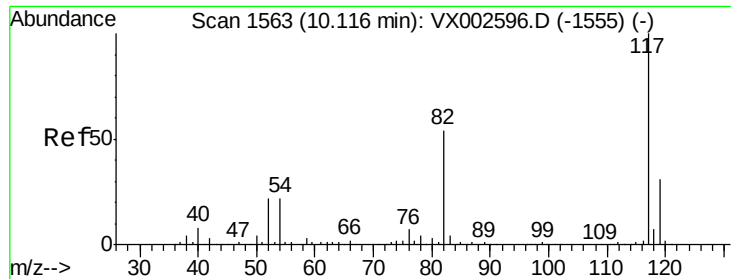
100000

50000

0

Time-->





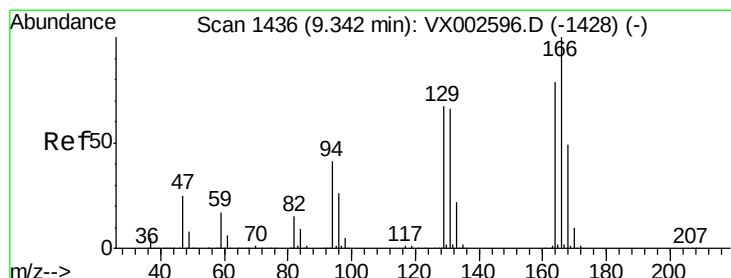
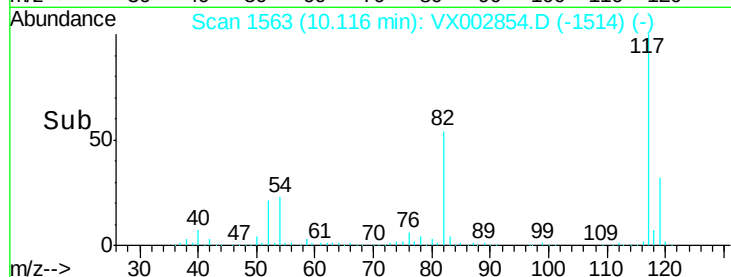
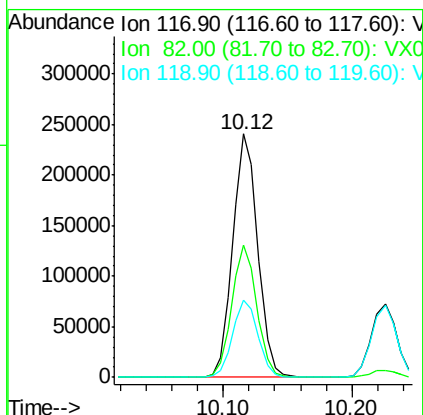
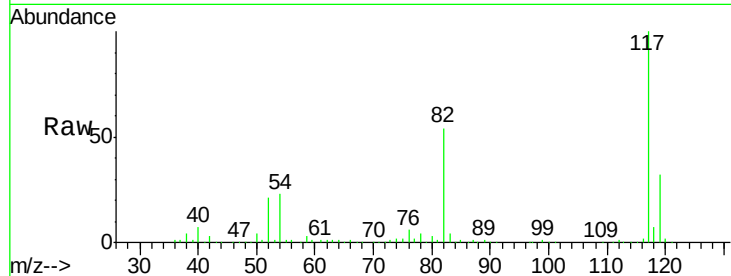
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.4  | 45.0  | 67.4  |
| 119     | 32.0  | 25.8  | 38.6  |

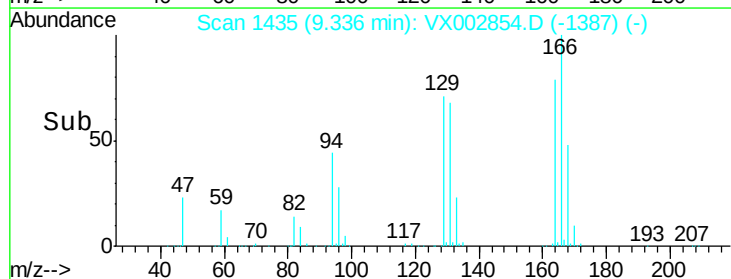
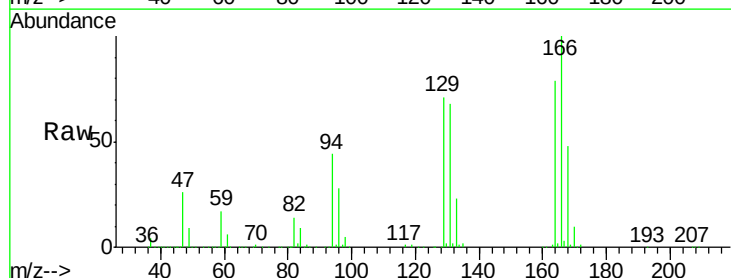
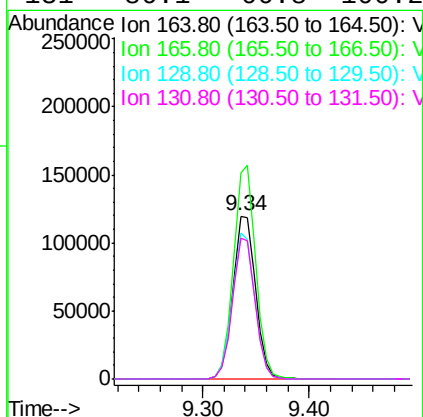
Manual Integrations  
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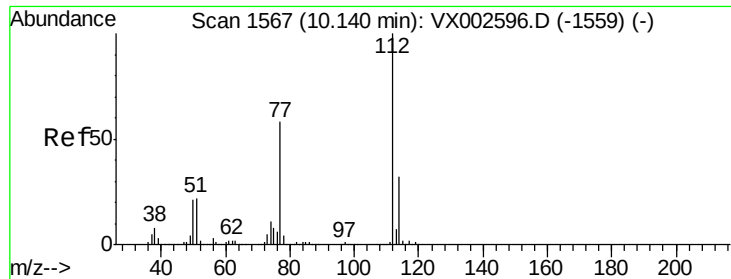
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#64  
Tetrachloroethene  
Concen: 49.51 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.6 | 102.9 | 154.3 |
| 129     | 90.0  | 68.6  | 102.8 |
| 131     | 86.1  | 66.8  | 100.2 |





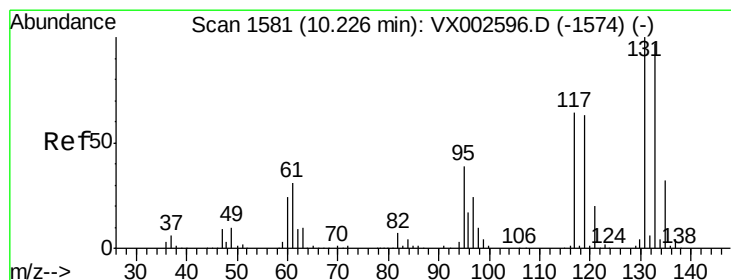
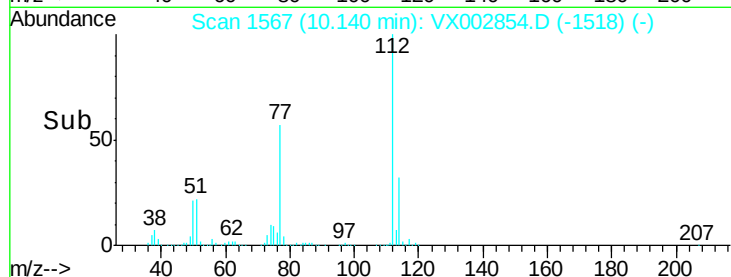
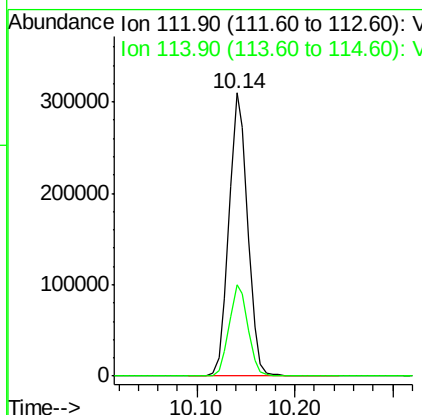
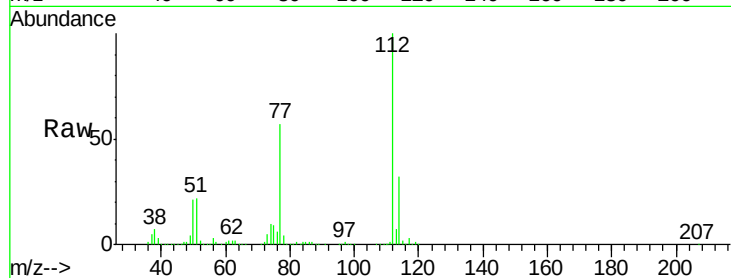
#65  
Chlorobenzene  
Concen: 51.21 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 25.3  | 37.9  |

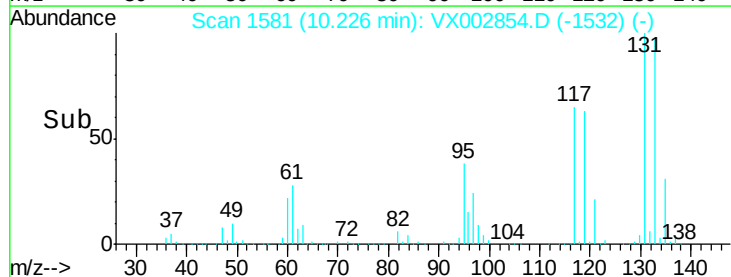
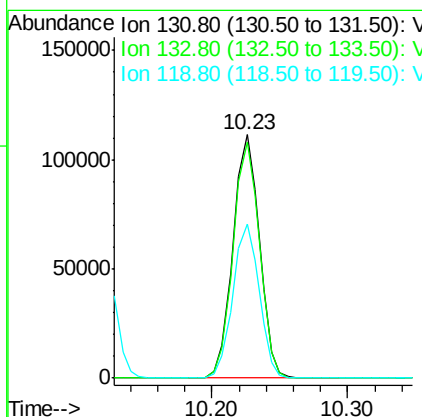
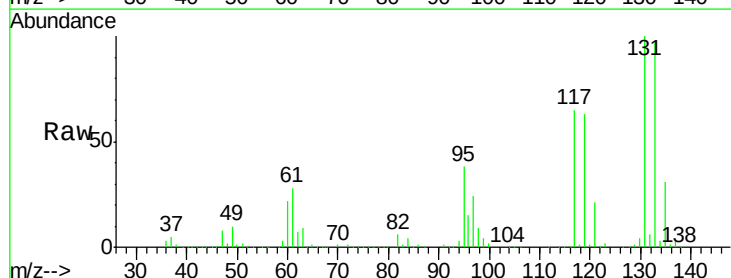
Manual Integrations  
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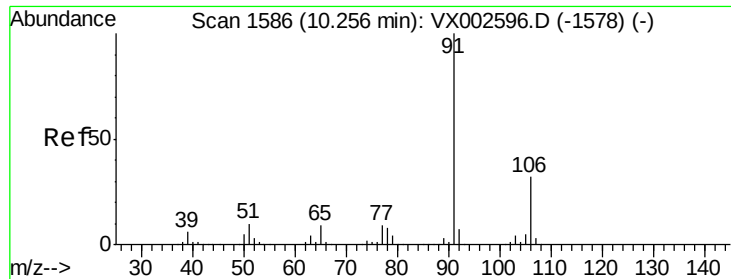
MMDadoda  
6/25/2018 6:56:10 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.16 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.9  | 47.9  | 143.6 |
| 119     | 63.4  | 31.8  | 95.3  |





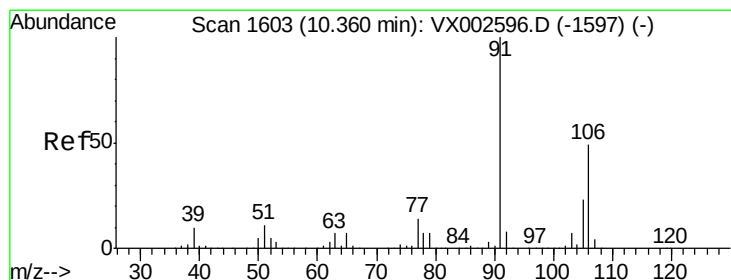
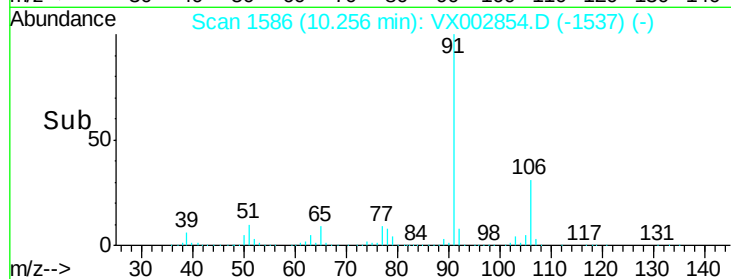
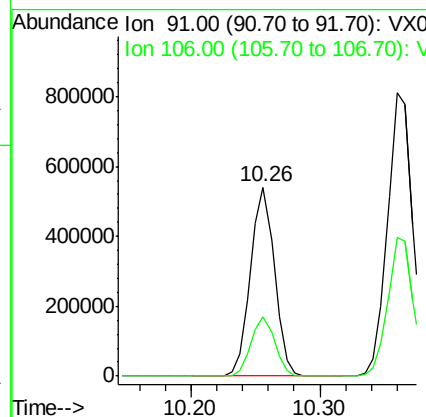
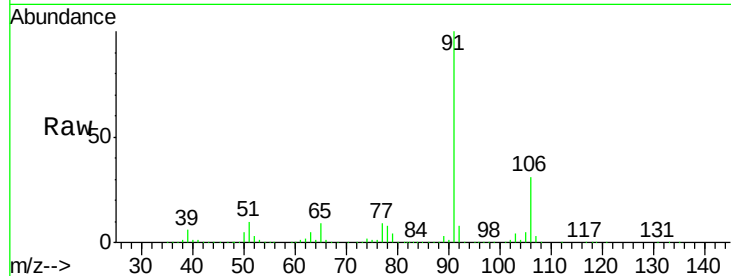
#67  
Ethyl Benzene  
Concen: 51.24 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 692927  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.5 38.3

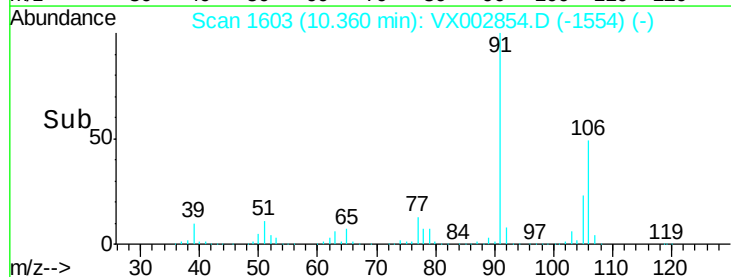
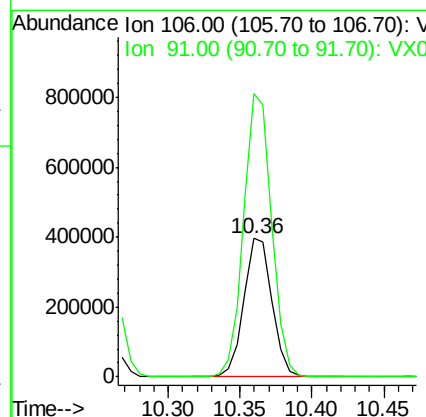
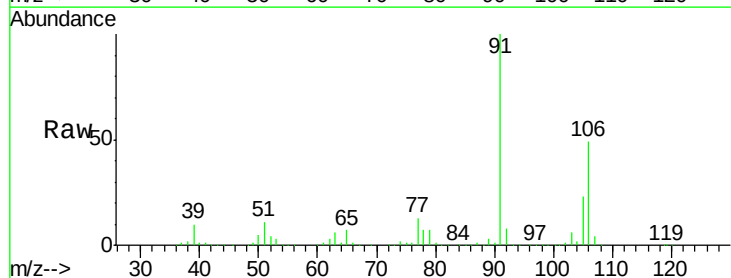
Manual Integrations  
APPROVED

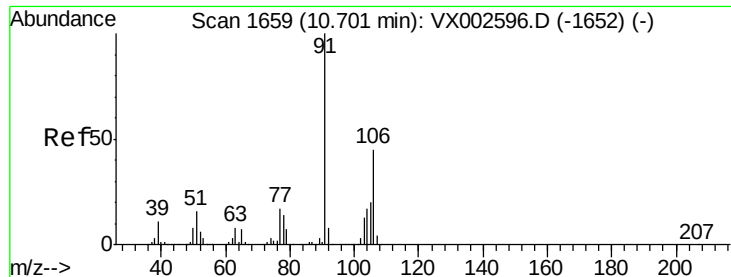
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6/25/2018 6:56:10 PM



#68  
m/p-Xylenes  
Concen: 102.61 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Tgt Ion: 106 Resp: 535232  
Ion Ratio Lower Upper  
106 100  
91 204.8 163.4 245.2





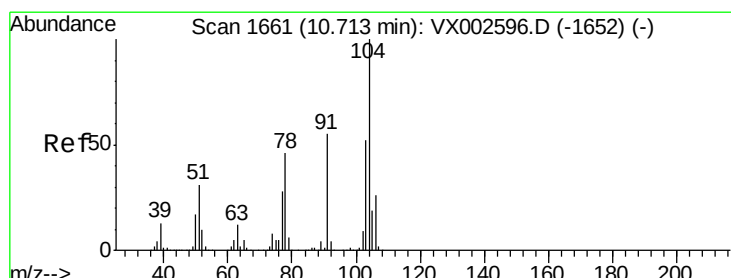
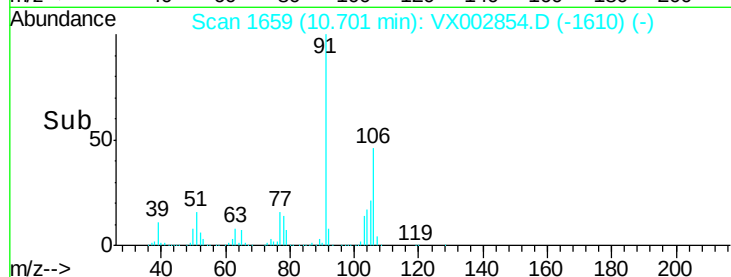
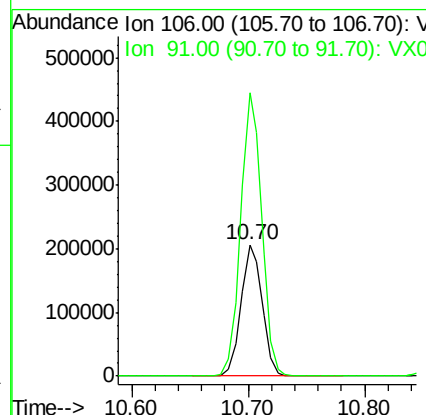
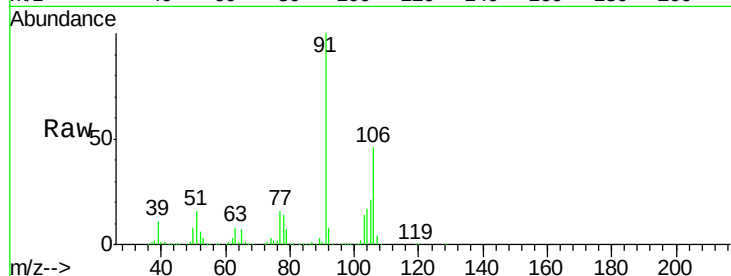
#69  
o-Xylene  
Concen: 51.19 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 214.0 | 108.2 | 324.6 |       |

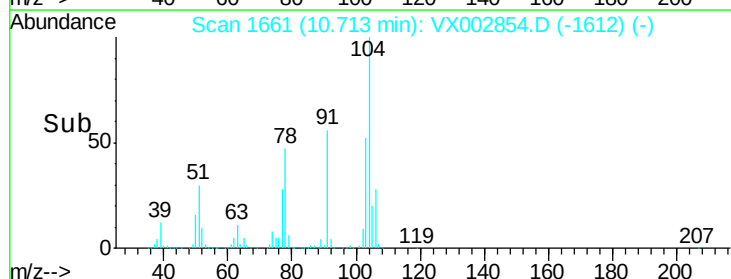
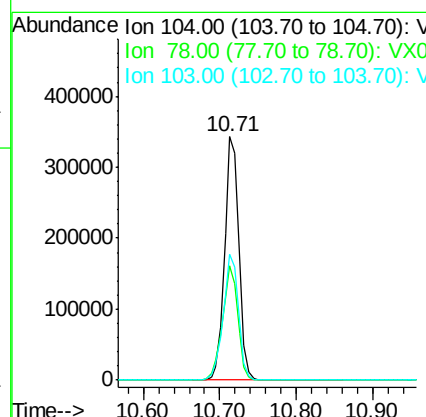
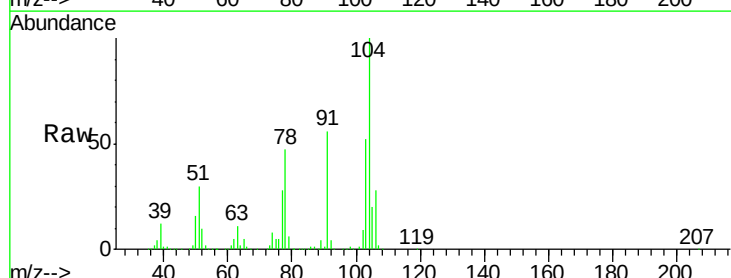
Manual Integrations  
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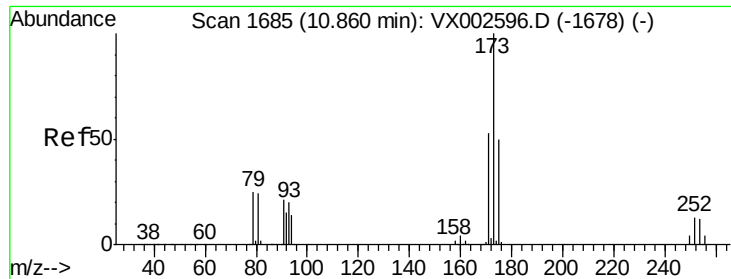


#70  
Styrene  
Concen: 52.26 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 50.8 | 41.0  | 61.6  |       |
| 103     | 55.4 | 44.2  | 66.4  |       |







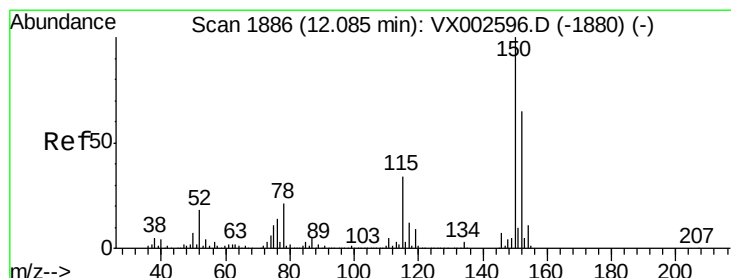
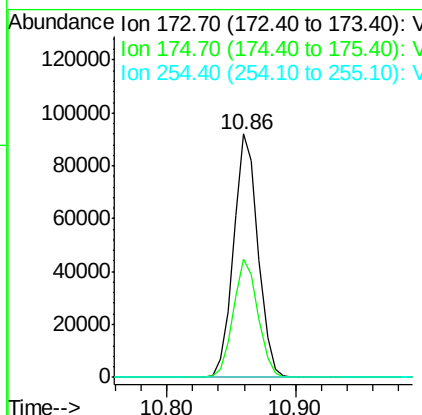
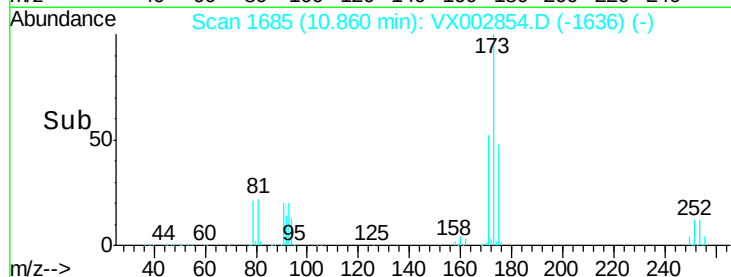
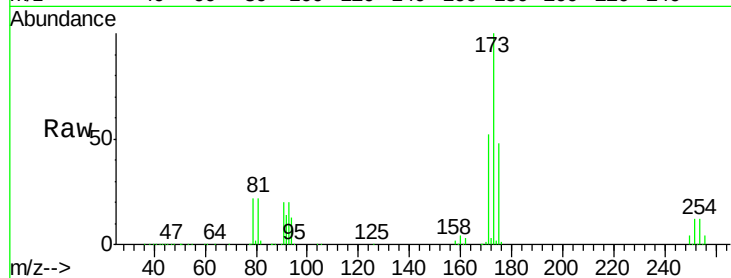
#71  
Bromoform  
Concen: 48.85 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 24.7  | 74.1  |
| 254     | 0.2   | 0.2   | 0.2   |

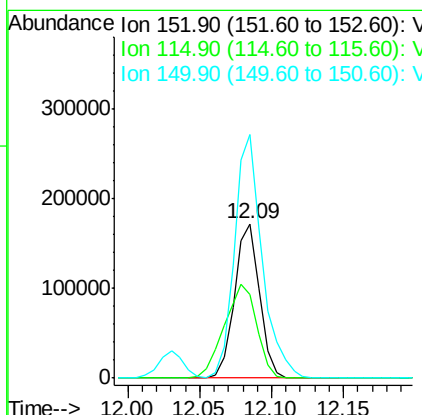
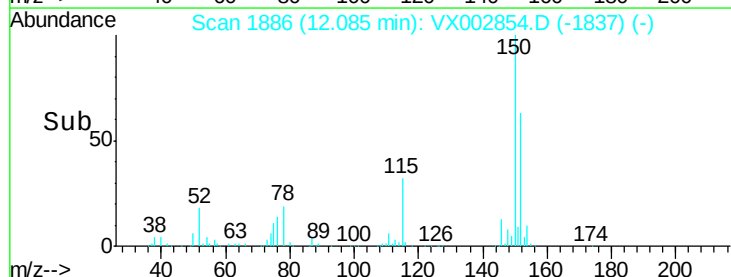
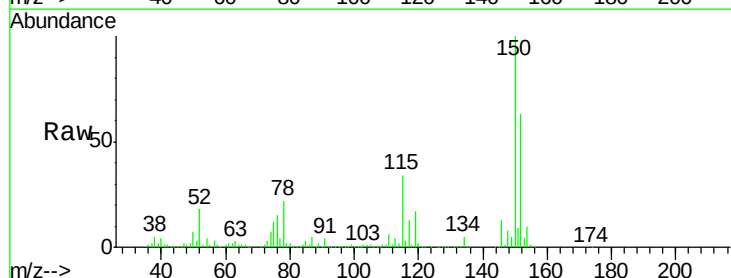
Manual Integrations  
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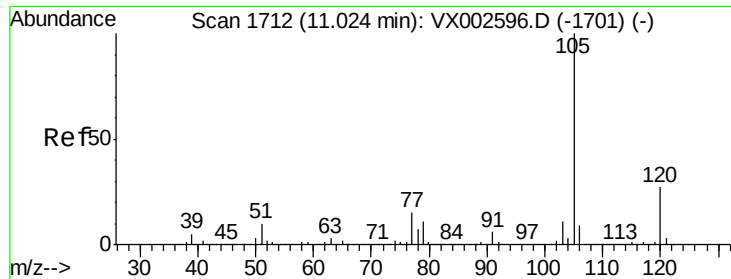
MMDadoda  
6/25/2018 6:56:10 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 79.1  | 40.1  | 120.2 |
| 150     | 173.9 | 0.0   | 347.2 |





#73

Isopropylbenzene

Concen: 51.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 719939

Ion Ratio Lower Upper

105 100

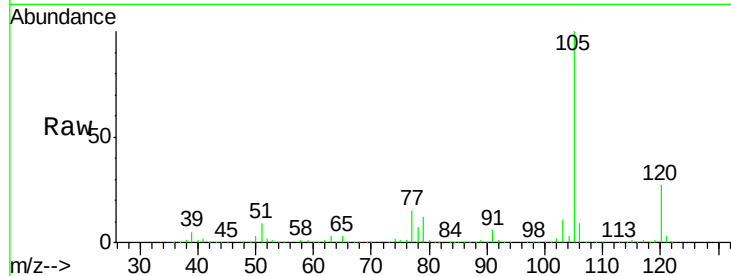
120 26.7 13.5 40.4

Manual Integrations

APPROVED

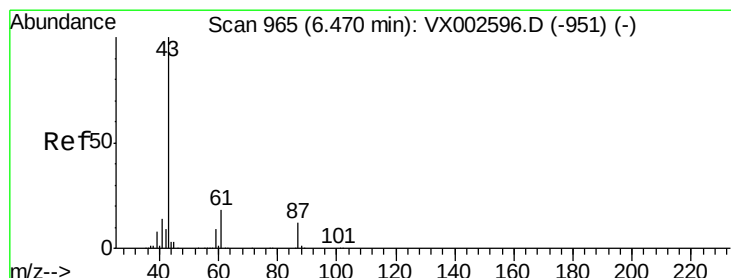
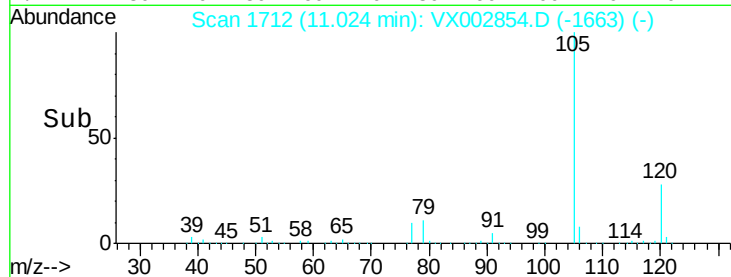
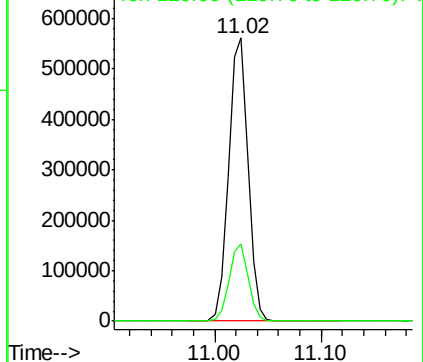
MMDadoda

6/25/2018 6:56:10 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.49 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Tgt Ion: 43 Resp: 336702

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

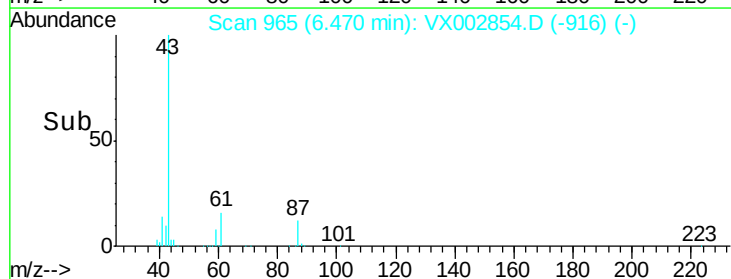
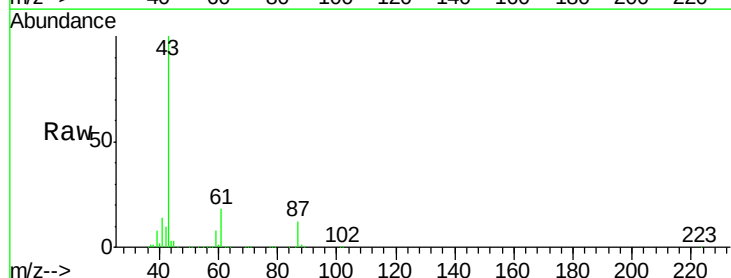
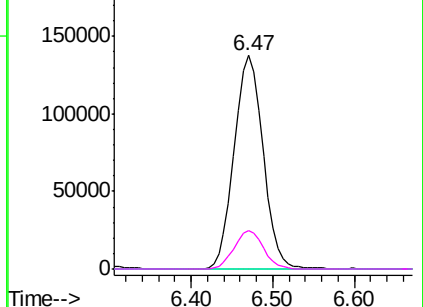
61 18.2 14.4 21.6

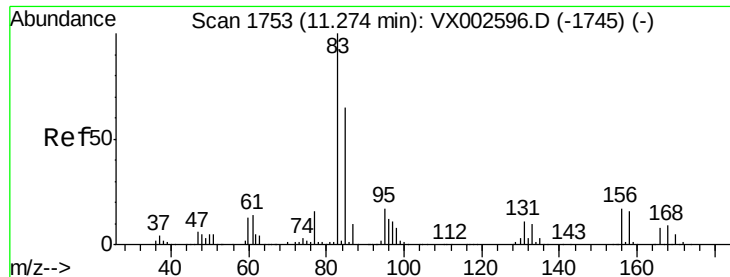
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.29 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

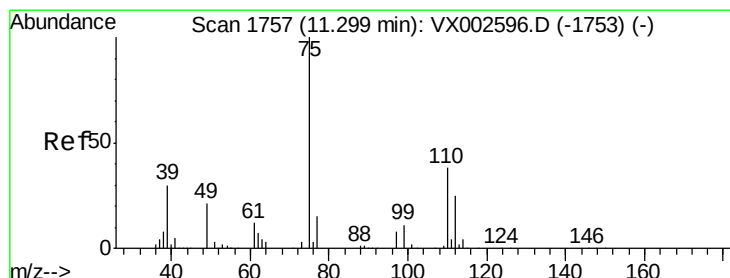
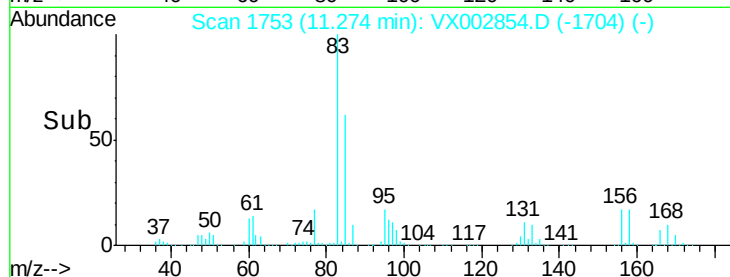
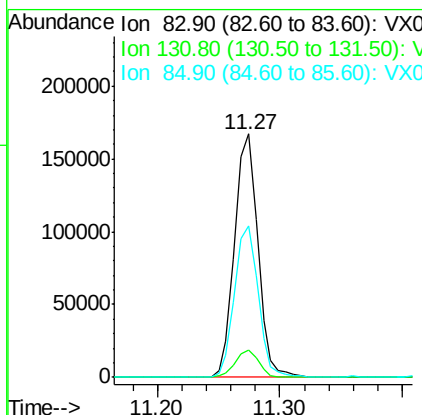
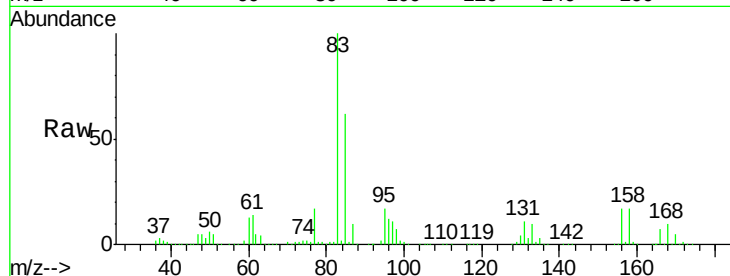
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 219952 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 11.2  | 5.6   | 16.8   |
| 85       | 63.7  | 32.4  | 97.2   |

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#76

1,2,3-Trichloropropane

Concen: 54.35 ug/l m

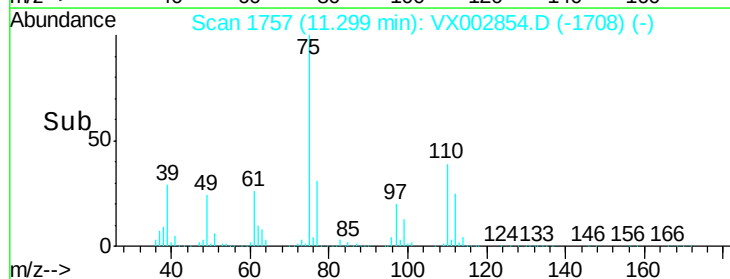
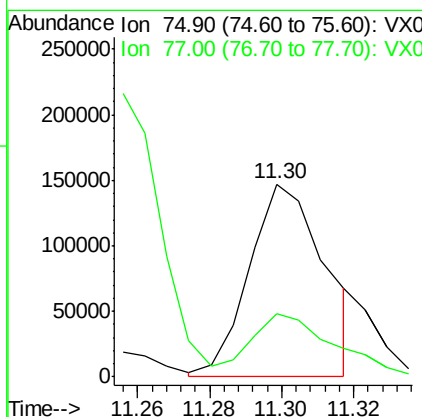
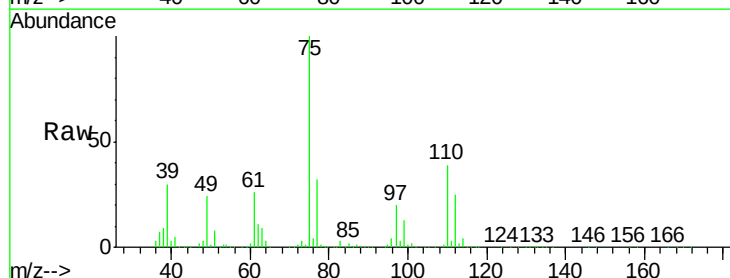
RT: 11.30 min Scan# 1757

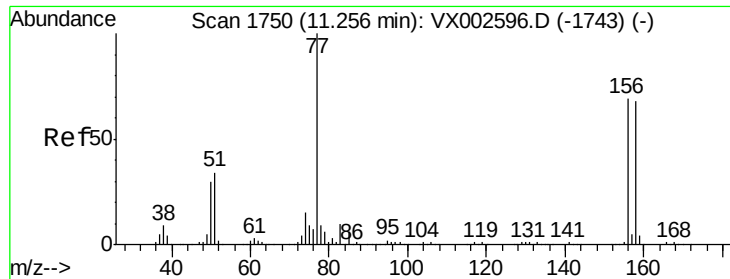
Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 214311 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 36.6  | 22.8  | 68.3   |





#77

Bromobenzene

Concen: 50.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

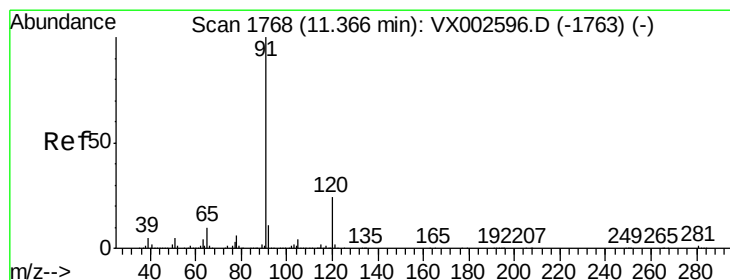
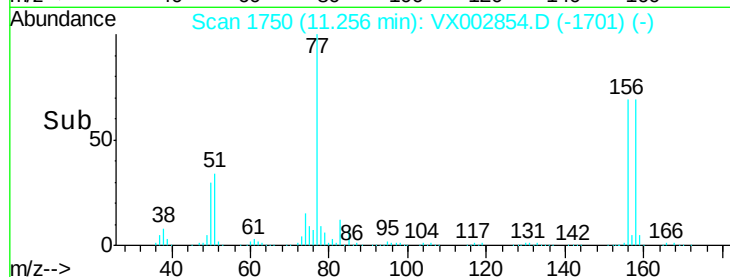
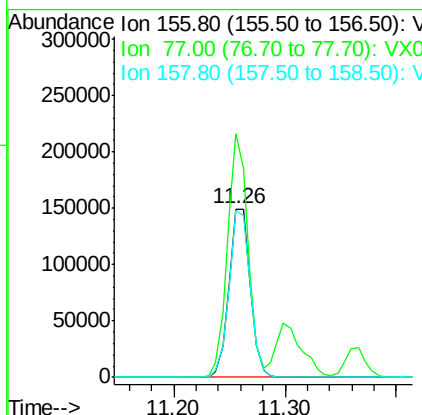
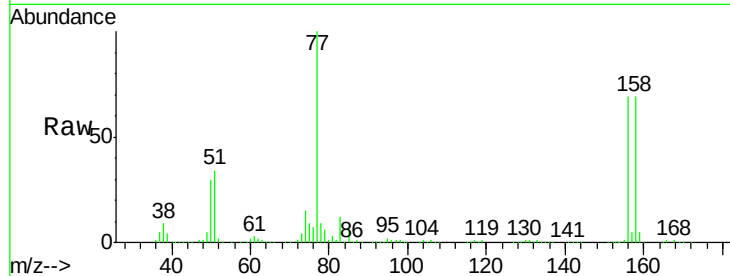
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 197561 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 138.9 | 71.4  | 214.2  |
| 158       | 98.0  | 48.9  | 146.6  |

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#78

n-propylbenzene

Concen: 51.02 ug/l

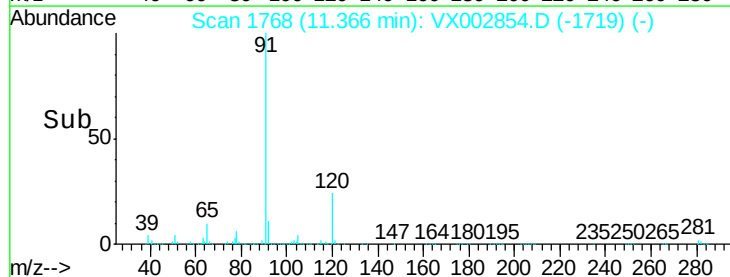
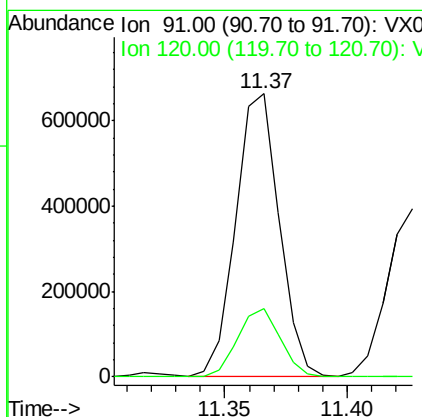
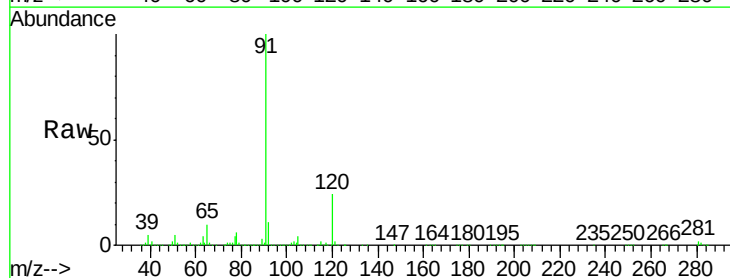
RT: 11.37 min Scan# 1768

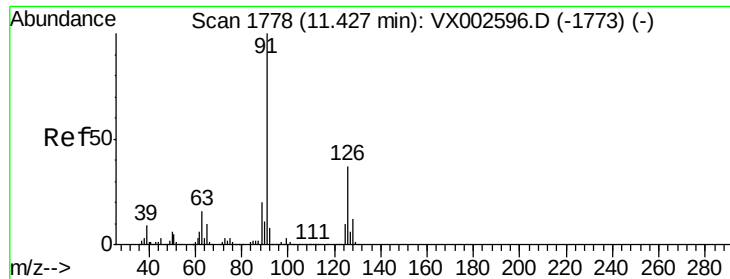
Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 817815 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.0  | 11.8  | 35.4   |





#79

2-Chlorotoluene

Concen: 50.63 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 484510

Ion Ratio Lower Upper

91 100

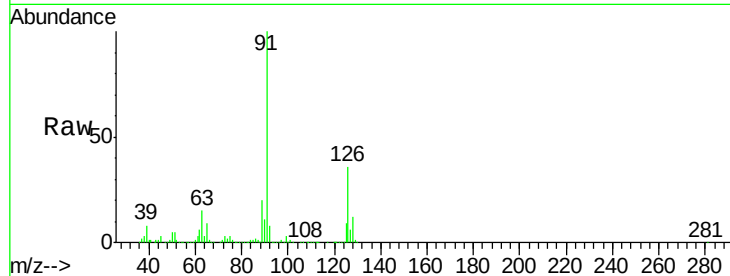
126 35.7 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002854.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002854.D (-1773) (-)

600000

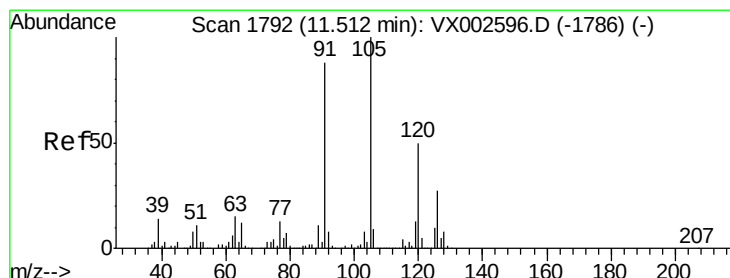
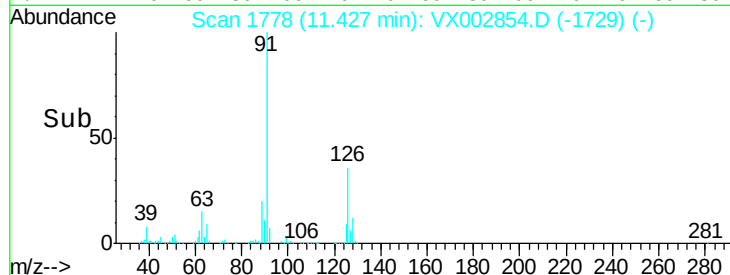
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002854.D

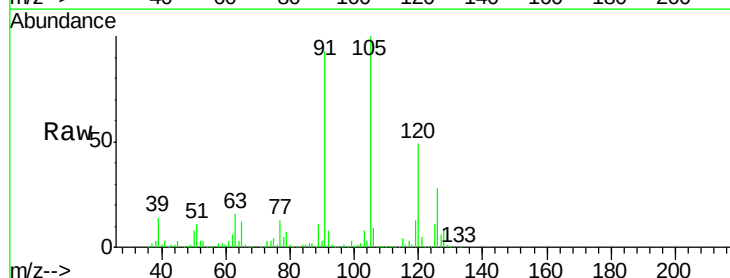
Acq: 23 Jun 2018 01:44

Tgt Ion: 105 Resp: 611083

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002854.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002854.D (-1743) (-)

500000

400000

300000

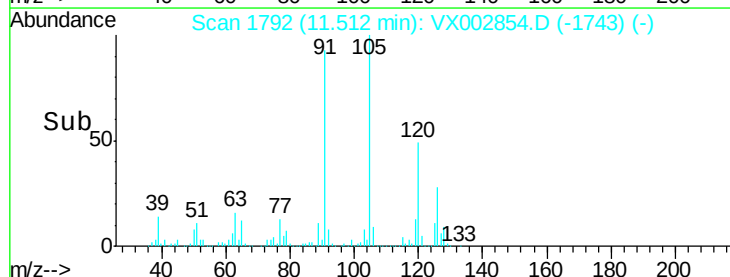
200000

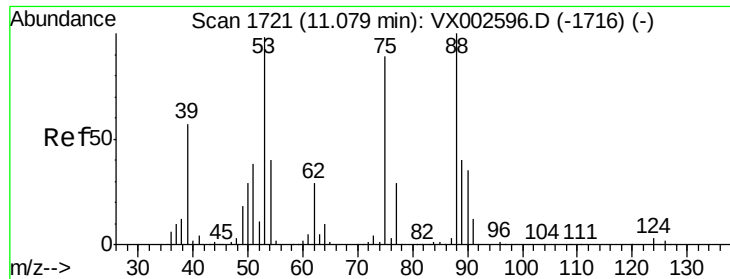
100000

0

11.50 11.60

Time-->





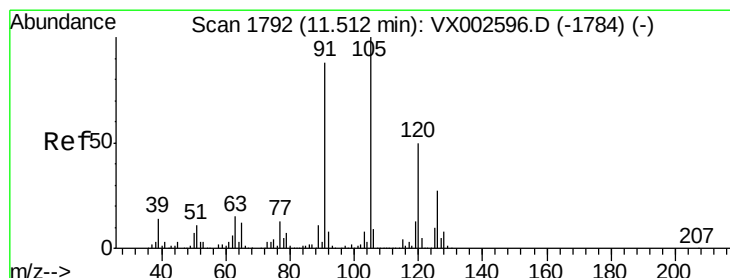
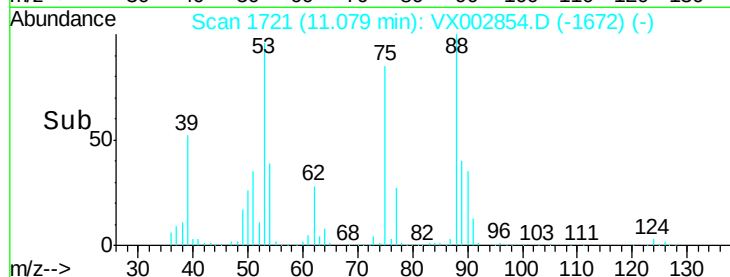
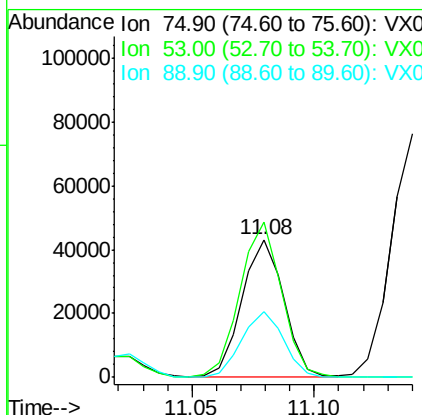
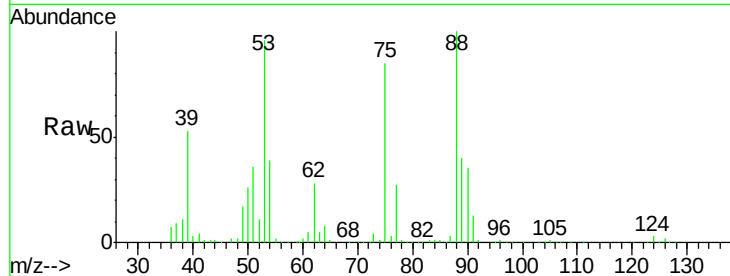
#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.09 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 50973  
Ion Ratio Lower Upper  
75 100  
53 113.2 86.8 130.2  
89 48.7 38.2 57.2

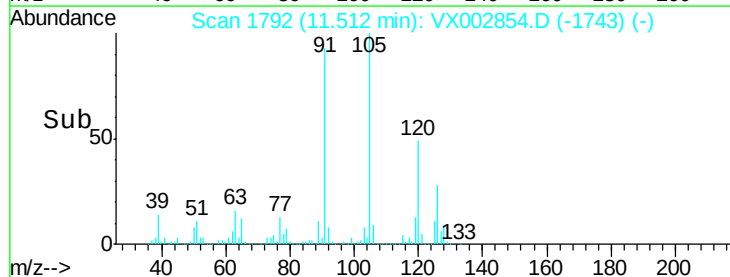
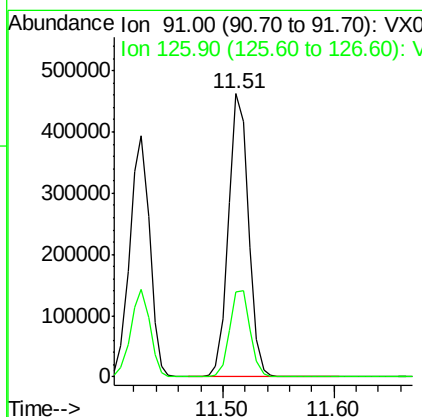
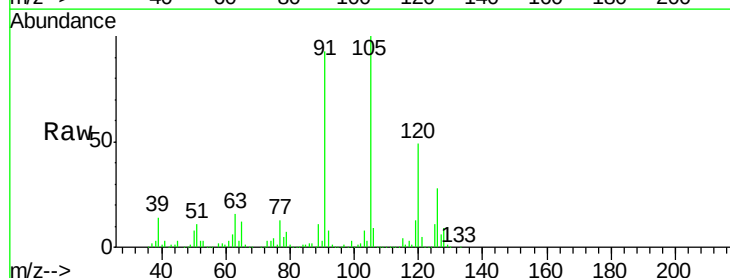
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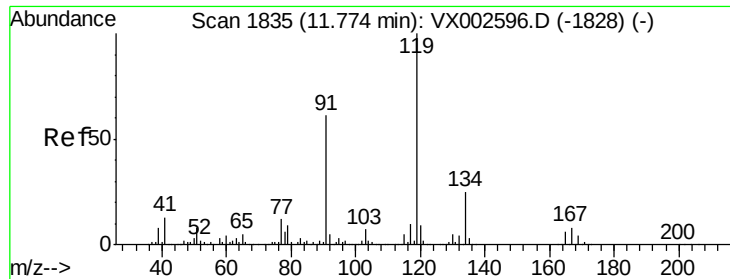
MMDadoda  
6/25/2018 6:56:10 PM



#82  
4-Chlorotoluene  
Concen: 50.83 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Tgt Ion: 91 Resp: 573994  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.4 46.4





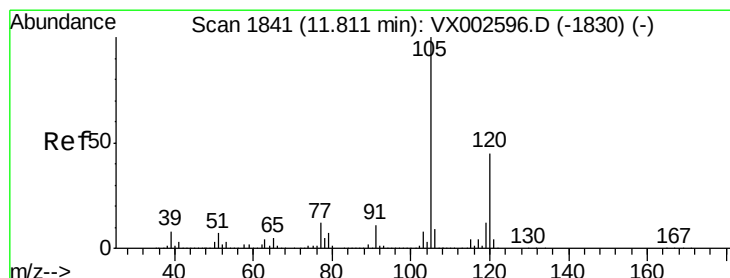
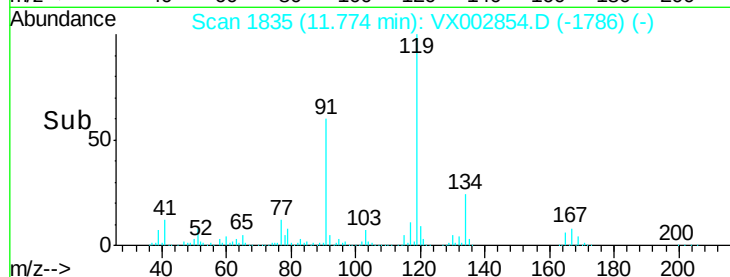
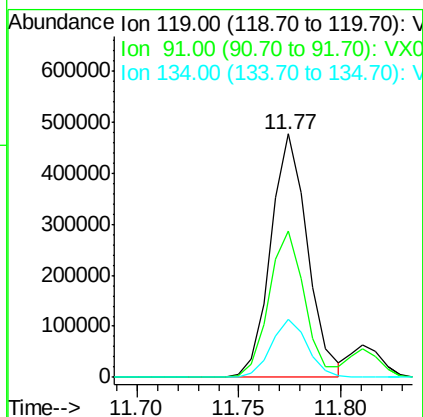
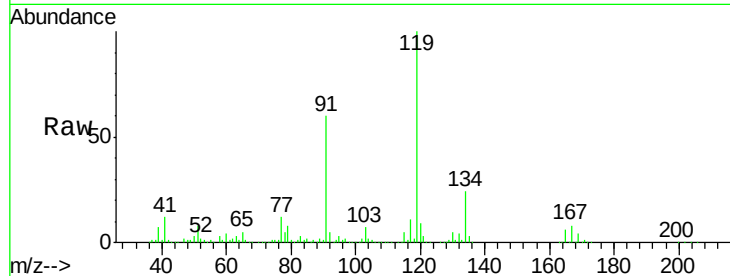
#83  
 tert-Butylbenzene  
 Concen: 52.66 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 599218 |       |       |
| 91      | 58.9  |        | 30.3  | 90.9  |
| 134     | 23.5  |        | 11.7  | 35.1  |

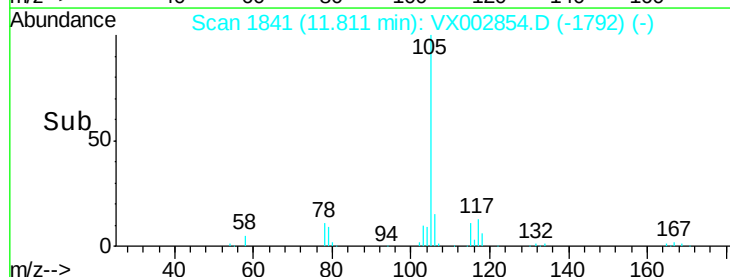
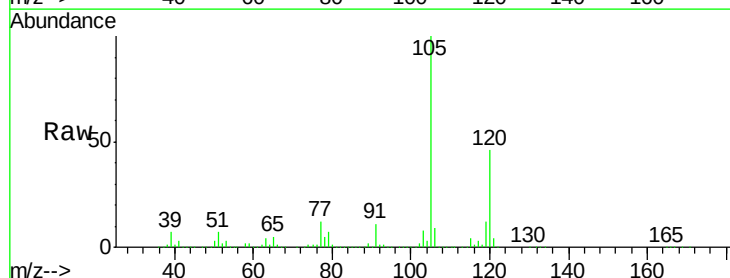
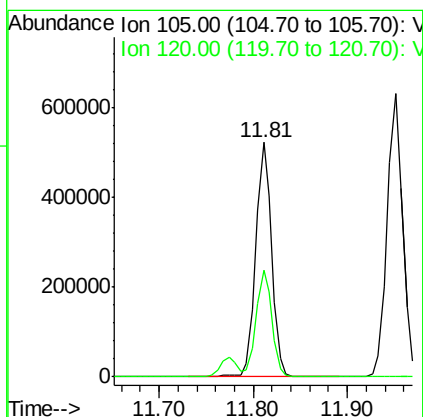
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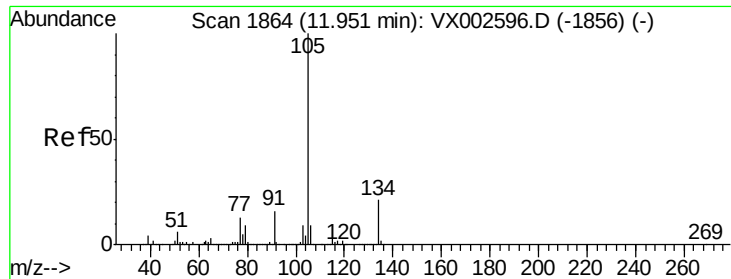
MMDadoda  
 6/25/2018 6:56:10 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.98 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 626411 |       |       |
| 120     | 45.4  |        | 22.3  | 66.8  |





#85

sec-Butylbenzene

Concen: 51.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 726235

Ion Ratio Lower Upper

105 100

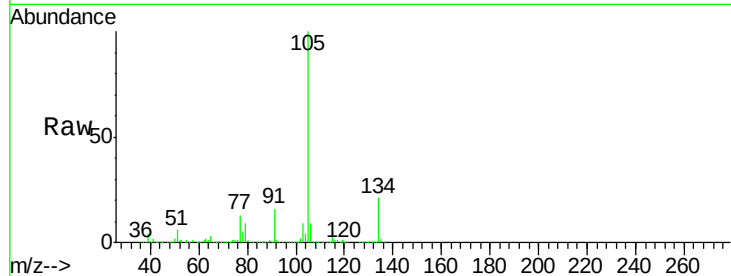
134 20.6 10.4 31.1

Manual Integrations

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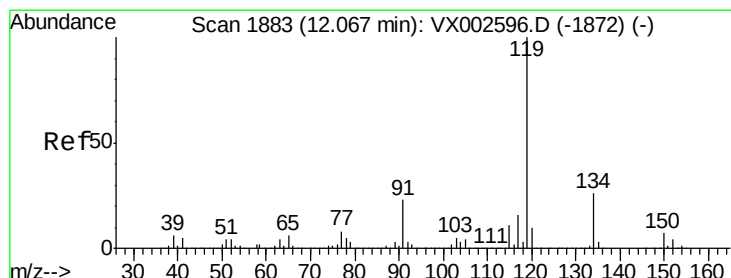
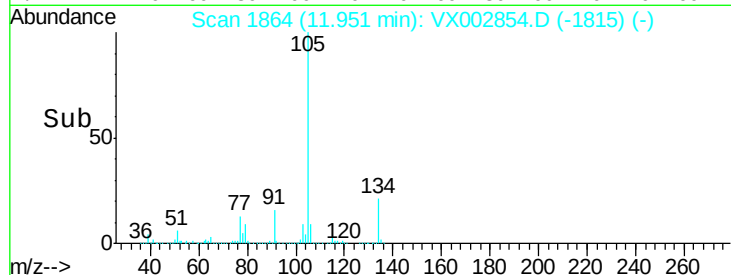
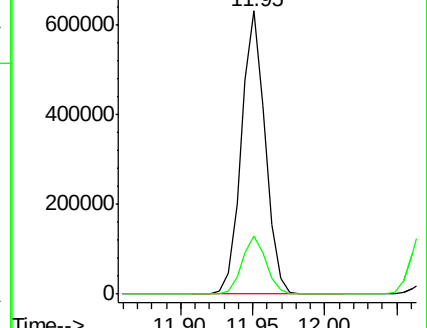
MMDadoda

6/25/2018 6:56:10 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

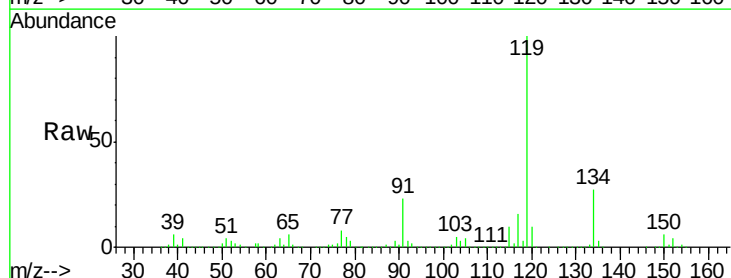
Tgt Ion:119 Resp: 653054

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

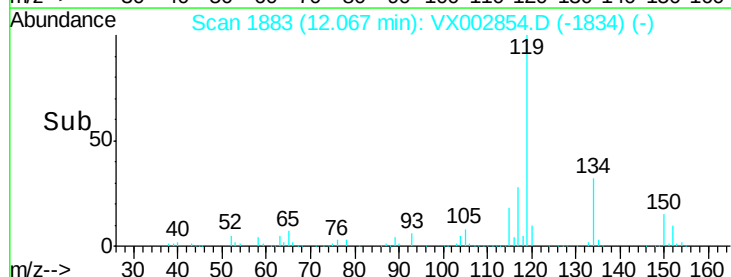
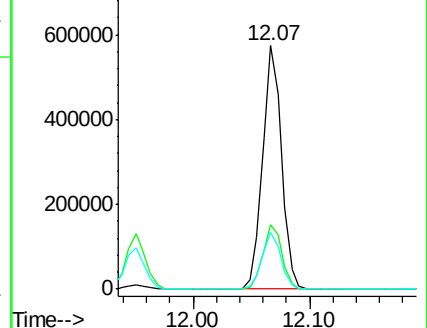
91 23.6 11.9 35.7



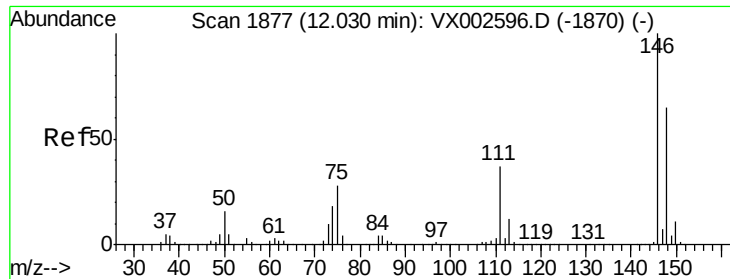
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







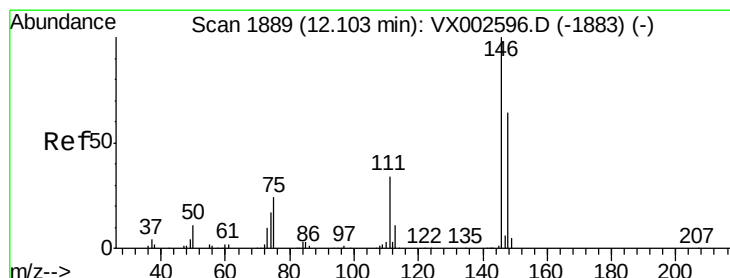
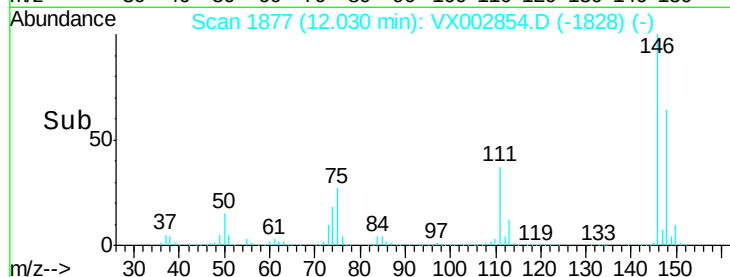
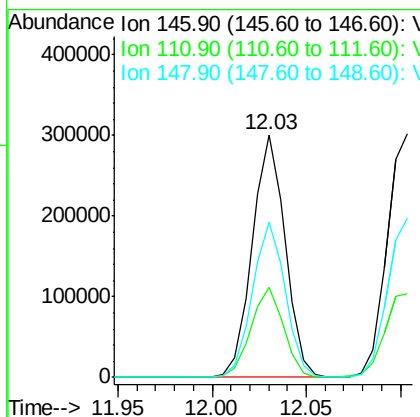
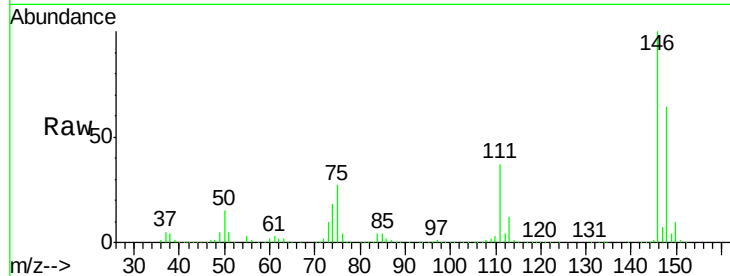
#87  
 1,3-Dichlorobenzene  
 Concen: 50.91 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.9  | 56.7  |
| 148     | 63.9  | 32.1  | 96.3  |

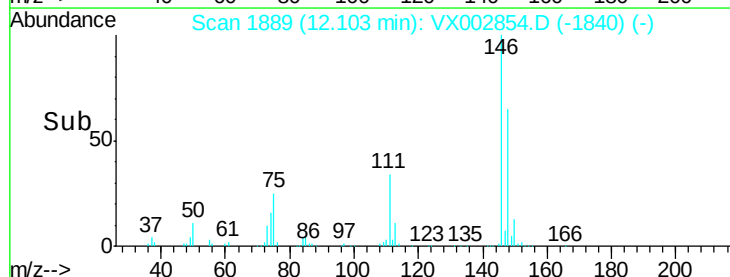
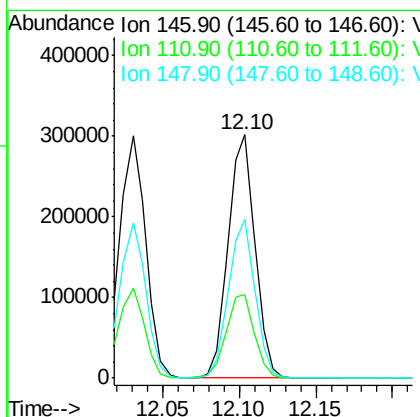
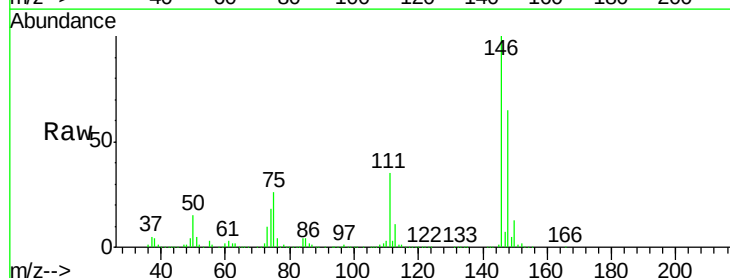
Manual Integrations  
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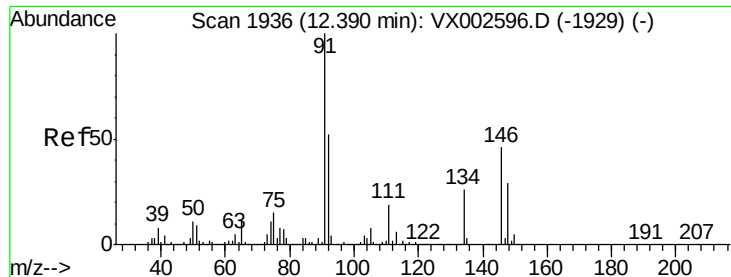
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.46 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.1  | 18.7  | 56.1  |
| 148     | 64.4  | 32.4  | 97.0  |





#89

n-Butylbenzene

Concen: 49.45 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 558387

Ion Ratio Lower Upper

91 100

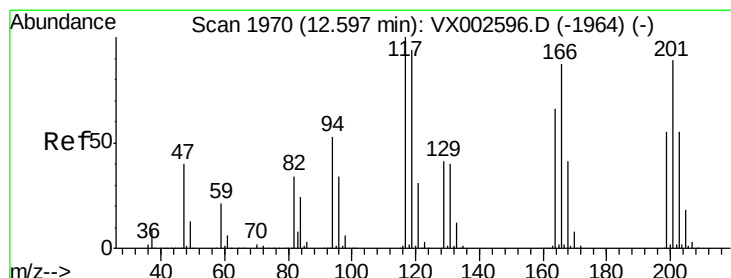
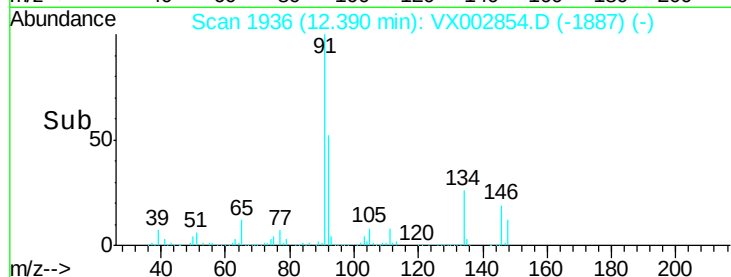
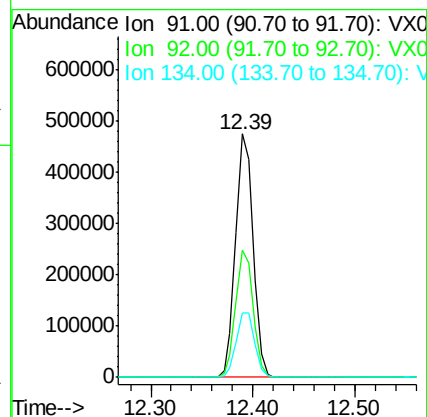
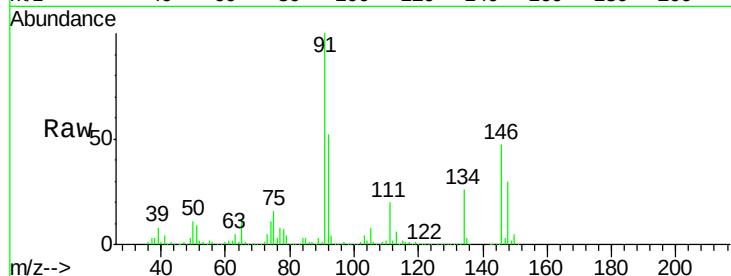
92 52.0 26.0 78.0

134 27.7 13.5 40.5

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#90

Hexachloroethane

Concen: 46.90 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002854.D

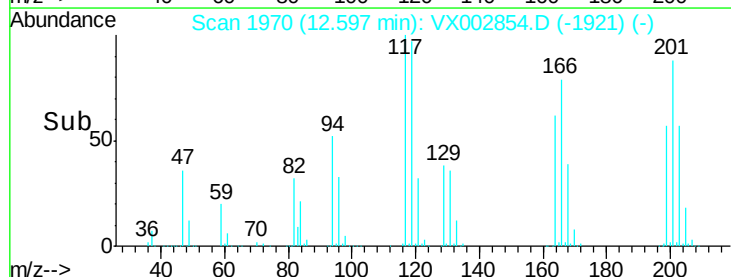
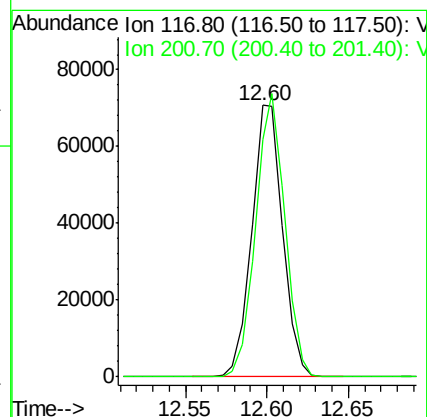
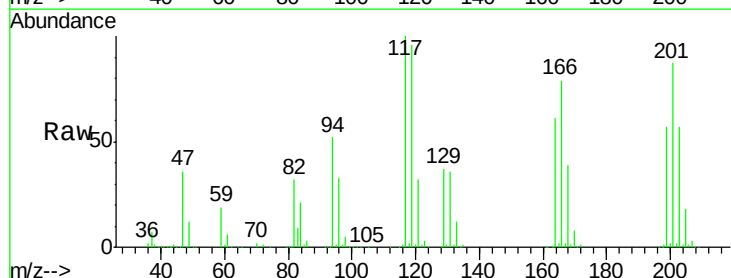
Acq: 23 Jun 2018 01:44

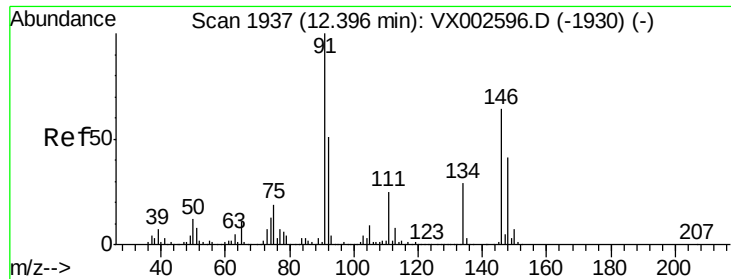
Tgt Ion: 117 Resp: 93243

Ion Ratio Lower Upper

117 100

201 98.4 49.0 147.0





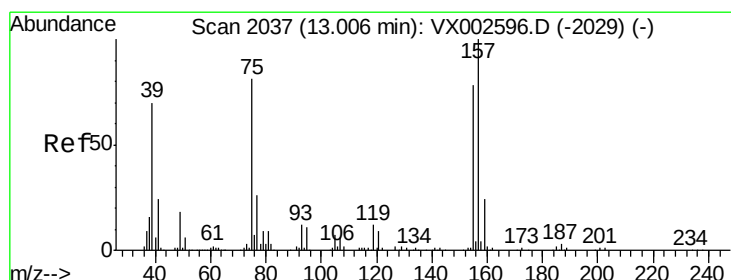
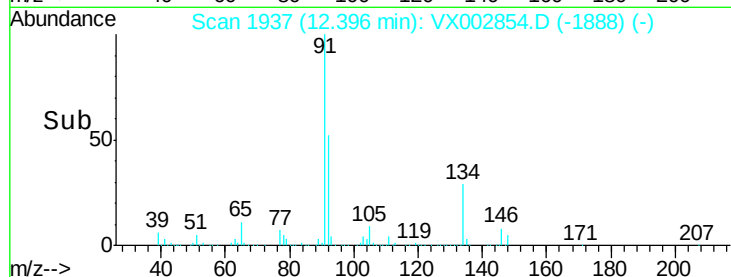
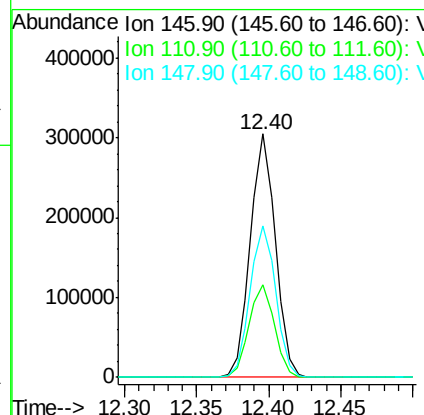
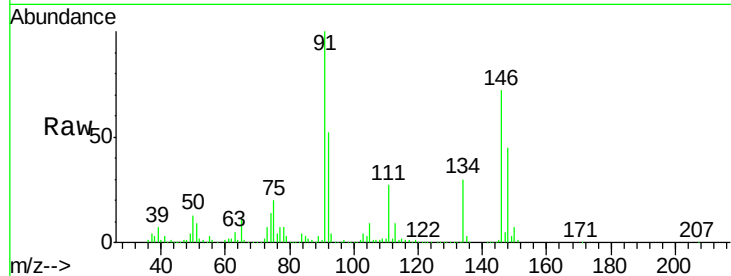
#91  
 1,2-Dichlorobenzene  
 Concen: 51.03 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 366755 |       |       |
| 111     | 38.7  | 19.4   | 58.1  |       |
| 148     | 63.7  | 31.7   | 95.1  |       |

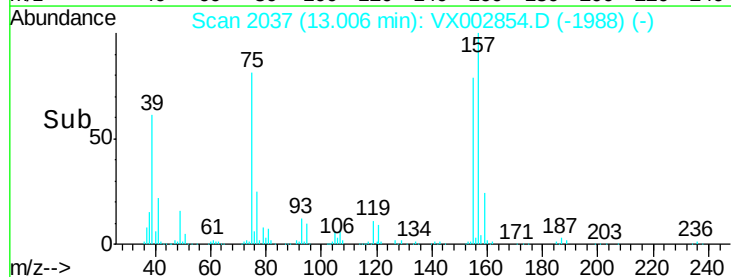
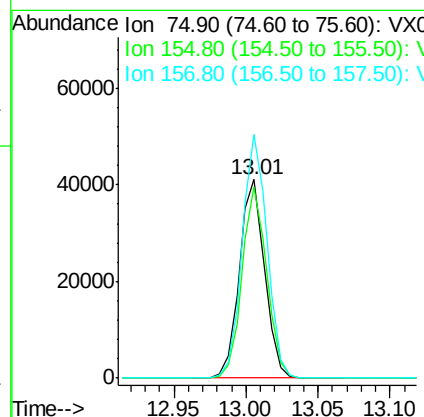
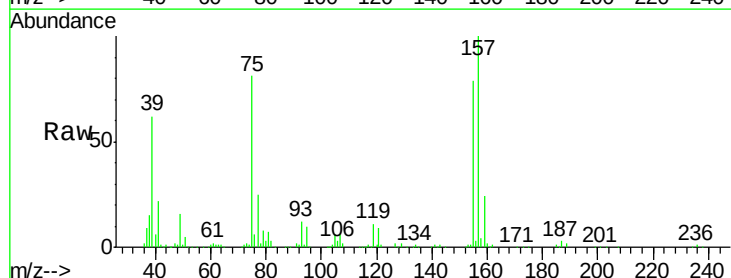
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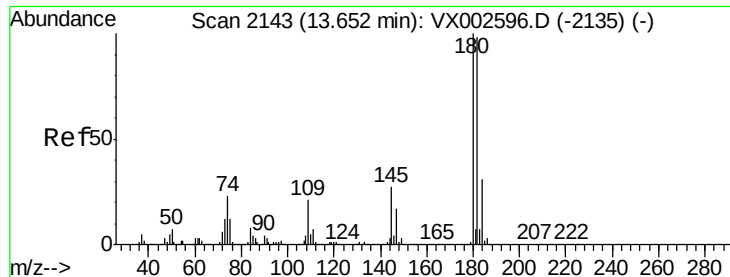
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.30 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 50398 |       |       |
| 155     | 93.7  | 45.8  | 137.4 |       |
| 157     | 120.1 | 60.1  | 180.3 |       |





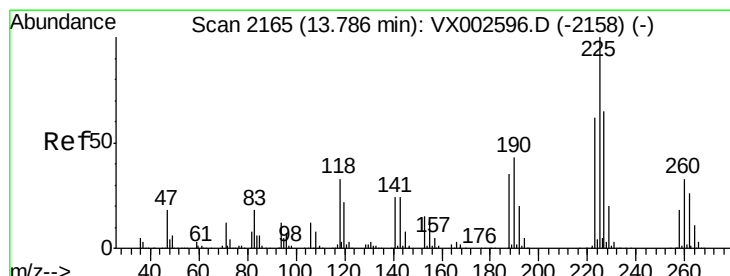
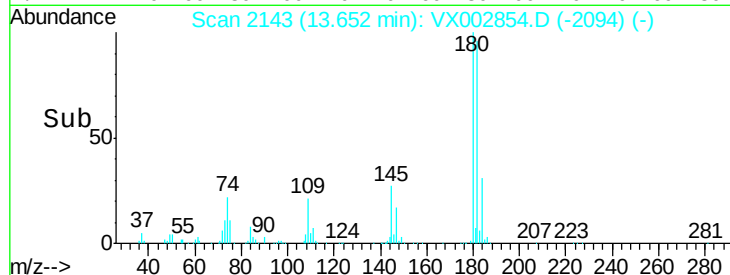
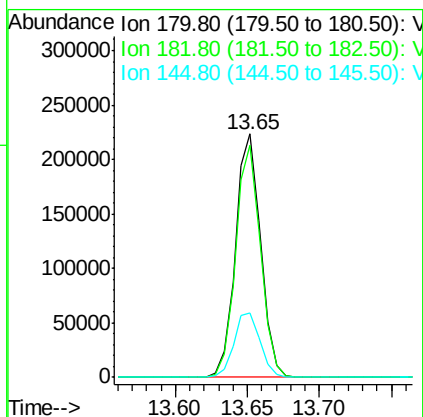
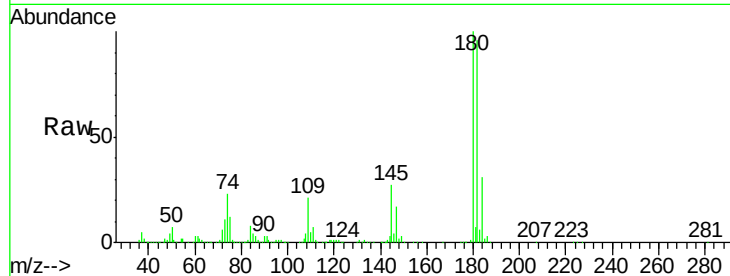
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.94 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 270899 |       |       |
| 182     | 94.7  |        | 47.7  | 143.1 |
| 145     | 28.0  |        | 14.1  | 42.4  |

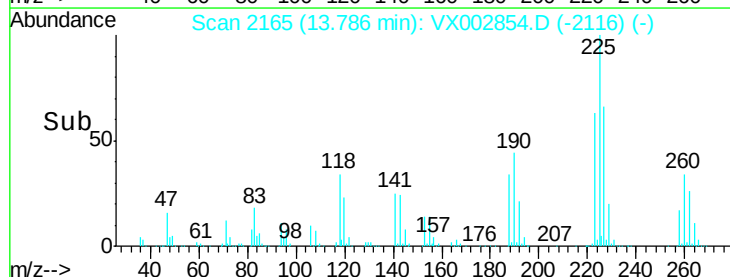
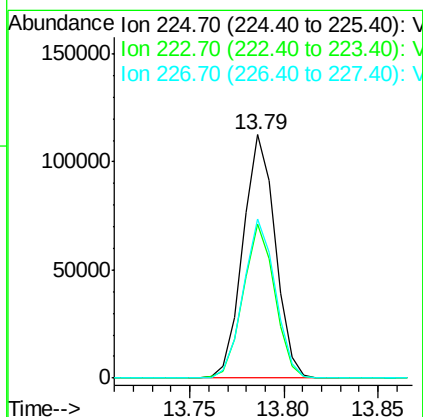
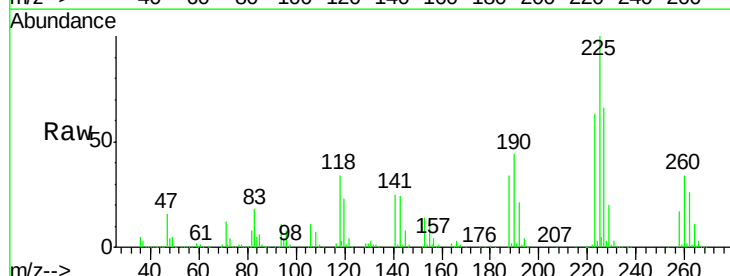
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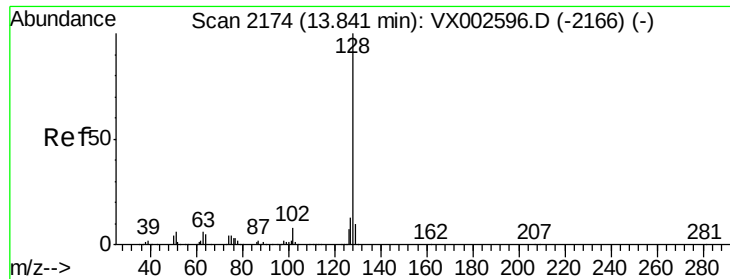
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#94  
 Hexachlorobutadiene  
 Concen: 48.63 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX002854.D  
 Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 133620 |       |       |
| 223     | 61.8  |        | 31.6  | 95.0  |
| 227     | 64.6  |        | 32.4  | 97.2  |





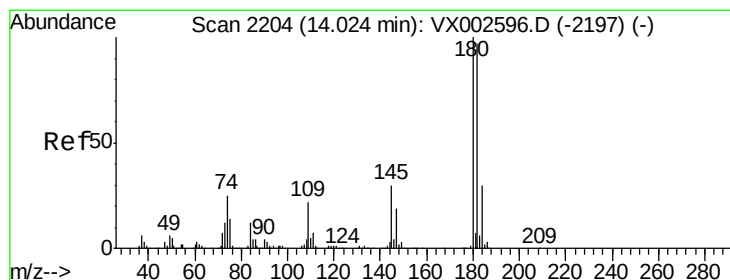
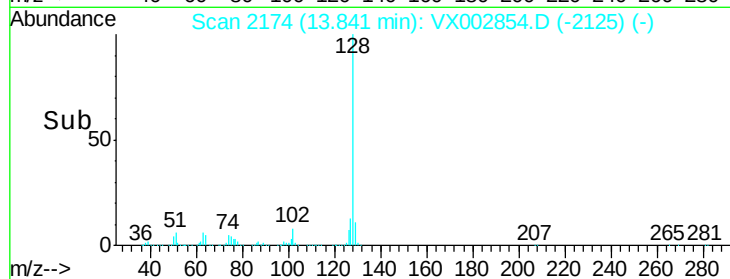
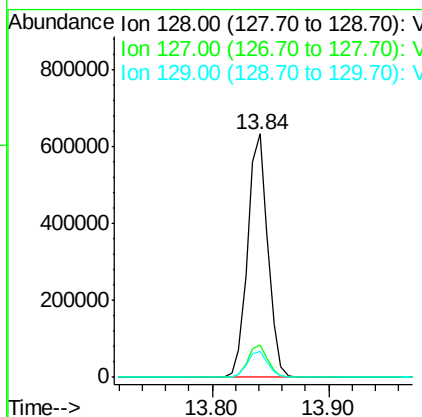
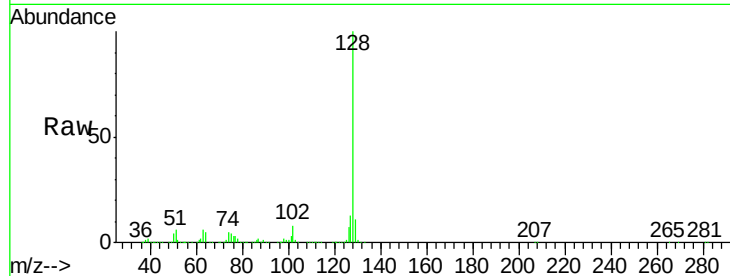
#95  
Naphthalene  
Concen: 54.67 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.4  | 15.6  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.69 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX002854.D  
Acq: 23 Jun 2018 01:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 48.0  | 144.0 |
| 145     | 29.1  | 14.8  | 44.3  |

