

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX050518\  
 Data File : VX001434.D  
 Acq On : 05 May 2018 22:22  
 Operator : JC/MD  
 Sample : J2729-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

Quant Time: May 06 08:08:45 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 253404   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 338741   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 299319   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 171026   | 50.00 | ug/l  | 0.00     |

|                             |       |     |          |       |        |      |
|-----------------------------|-------|-----|----------|-------|--------|------|
| System Monitoring Compounds |       |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65  | 162980   | 44.75 | ug/l   | 0.00 |
| Spiked Amount               |       |     |          |       |        |      |
|                             |       |     | Recovery | =     | 89.50% |      |
| 35) Dibromofluoromethane    | 5.51  | 113 | 127152   | 42.20 | ug/l   | 0.00 |
| Spiked Amount               |       |     |          |       |        |      |
|                             |       |     | Recovery | =     | 84.40% |      |
| 50) Toluene-d8              | 8.72  | 98  | 468605   | 42.61 | ug/l   | 0.00 |
| Spiked Amount               |       |     |          |       |        |      |
|                             |       |     | Recovery | =     | 85.22% |      |
| 62) 4-Bromofluorobenzene    | 11.14 | 95  | 157665   | 37.34 | ug/l   | 0.00 |
| Spiked Amount               |       |     |          |       |        |      |
|                             |       |     | Recovery | =     | 74.68% |      |

| Target Compounds               |       |     |         |           |        | Qvalue |
|--------------------------------|-------|-----|---------|-----------|--------|--------|
| 5) Bromomethane                | 1.65  | 94  | 797     | Below Cal | #      | 76     |
| 11) Tert butyl alcohol         | 3.08  | 59  | 3295    | 4.29      | ug/l # | 82     |
| 13) Acrolein                   | 2.34  | 56  | 53      | Below Cal | #      | 16     |
| 16) Acetone                    | 2.45  | 43  | 1026144 | 620.46    | ug/l   | 100    |
| 17) Carbon Disulfide           | 2.57  | 76  | 2361    | 0.33      | ug/l # | 70     |
| 20) Methylene Chloride         | 2.86  | 84  | 1848    | 0.56      | ug/l   | 96     |
| 25) 2-Butanone                 | 4.72  | 43  | 782852  | 327.46    | ug/l   | 100    |
| 28) Bromochloromethane         | 5.18  | 49  | 3142    | 1.33      | ug/l # | 7      |
| 29) Tetrahydrofuran            | 5.17  | 42  | 1281770 | 837.98    | ug/l   | 100    |
| 31) Cyclohexane                | 5.57  | 56  | 2093    | 0.45      | ug/l   | 87     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 15919   | 3.69      | ug/l # | 50     |
| 37) Ethyl Acetate              | 4.72  | 43  | 782852  | 165.74    | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 21584   | 4.70      | ug/l # | 17     |
| 39) Methylcyclohexane          | 7.46  | 83  | 6219    | 1.22      | ug/l   | 93     |
| 41) Methacrylonitrile          | 5.17  | 41  | 751236  | 277.98    | ug/l # | 47     |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43  | 14435   | 3.00      | ug/l   | 96     |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75  | 23      | 2.27      | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane      | 9.17  | 97  | 1919    | 0.58      | ug/l # | 19     |
| 59) 2-Hexanone                 | 9.51  | 43  | 1078    | 0.29      | ug/l   | 93     |
| 67) Ethyl Benzene              | 10.26 | 91  | 4587    | 0.32      | ug/l   | 98     |
| 68) m/p-Xylenes                | 10.36 | 106 | 8341    | 1.47      | ug/l   | 98     |
| 69) o-Xylene                   | 10.71 | 106 | 2062    | 0.37      | ug/l   | 86     |
| 73) Isopropylbenzene           | 11.02 | 105 | 19063   | 1.61      | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 78427   | 22.61     | ug/l # | 38     |
| 78) n-propylbenzene            | 11.37 | 91  | 28861   | 2.24      | ug/l   | 96     |
| 79) 2-Chlorotoluene            | 11.44 | 91  | 13159   | 1.66      | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 133356  | 13.53     | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 78427   | 70.20     | ug/l # | 7      |
| 82) 4-Chlorotoluene            | 11.51 | 91  | 14646   | 1.60      | ug/l # | 44     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 85480   | 8.44      | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.95 | 105 | 12873   | 1.09      | ug/l   | 82     |
| 86) p-Isopropyltoluene         | 12.07 | 119 | 15281   | 1.41      | ug/l   | 97     |
| 89) n-Butylbenzene             | 12.38 | 91  | 35127   | 3.93      | ug/l # | 1      |
| 90) Hexachloroethane           | 12.68 | 117 | 26337   | 16.20     | ug/l # | 1      |

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ClientSampleId :  
VB16119

Quant Time: May 06 08:08:45 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
Quant Title : SW846 8260  
QLast Update : Sun May 06 07:59:25 2018  
Response via : Initial Calibration

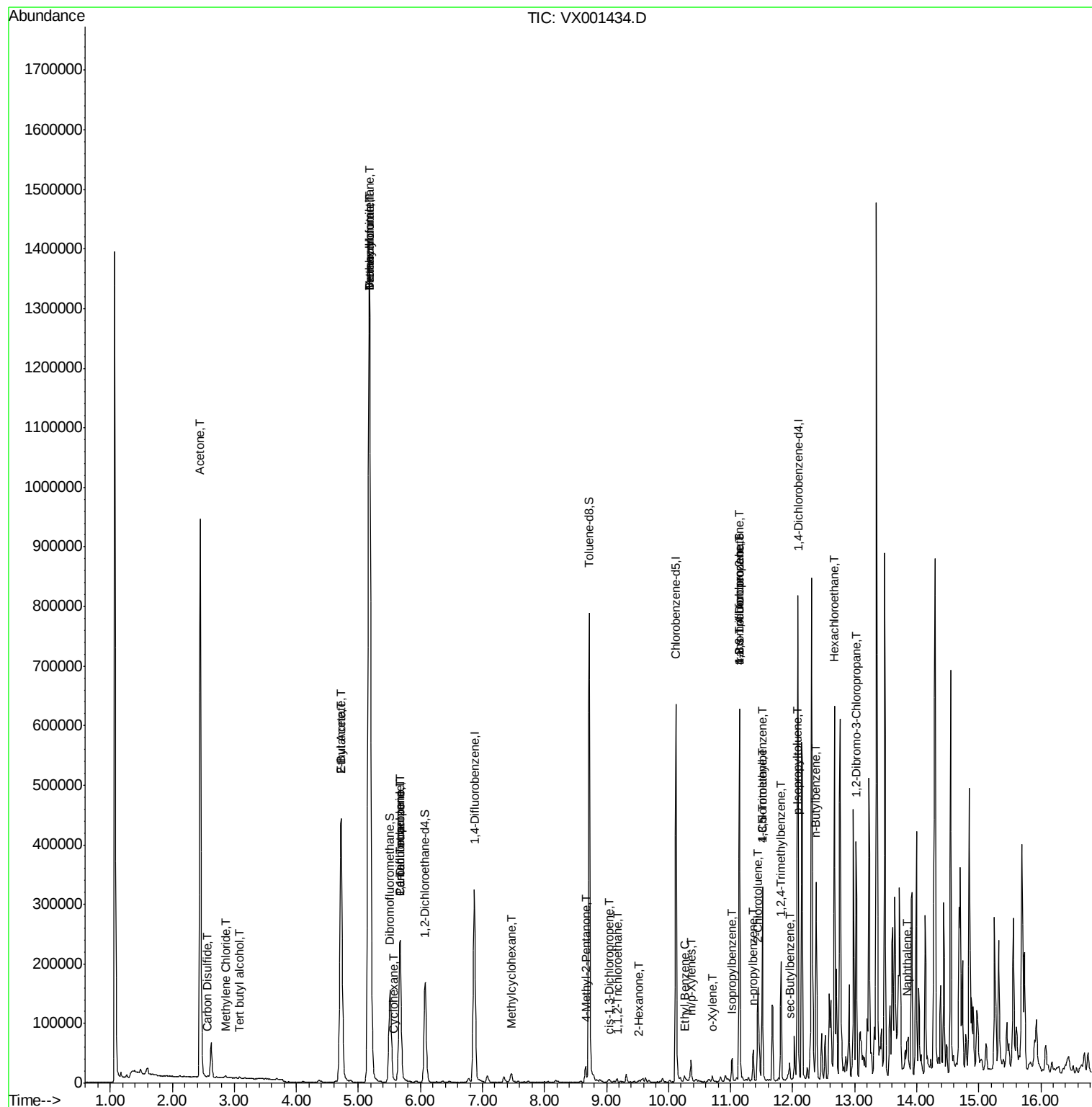
| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 1332     | 1.73 | ug/l # | 1        |
| 95) Naphthalene                | 13.84 | 128  | 32881    | 2.60 | ug/l # | 84       |

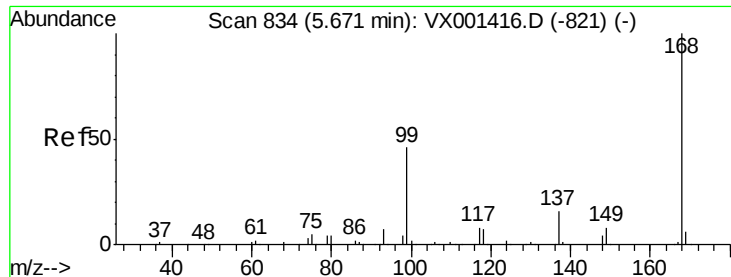
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

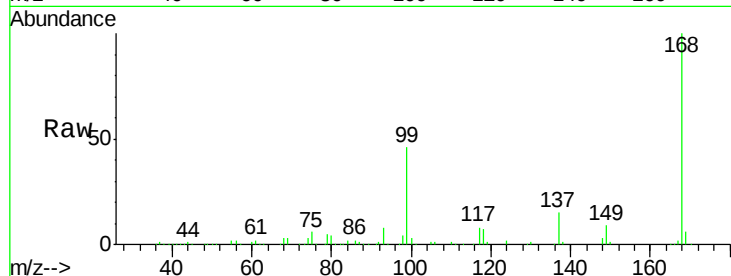
VB16119

Tgt Ion:168 Resp: 253404

Ion Ratio Lower Upper

168 100

99 45.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

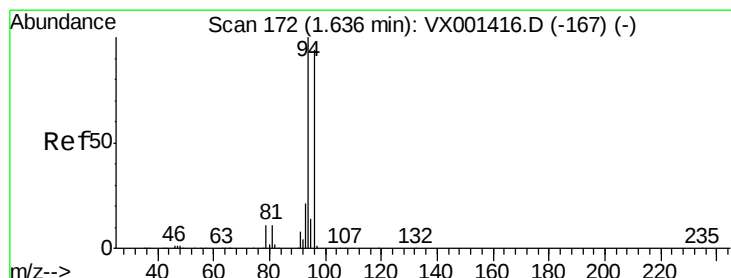
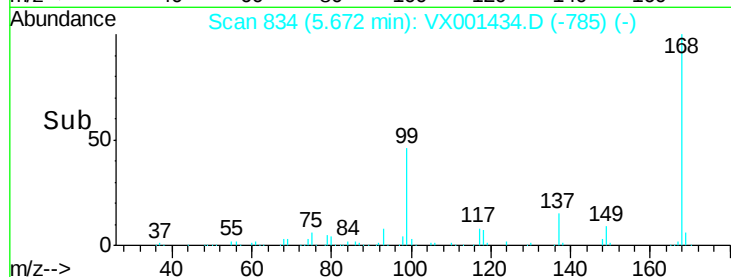
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001434.D

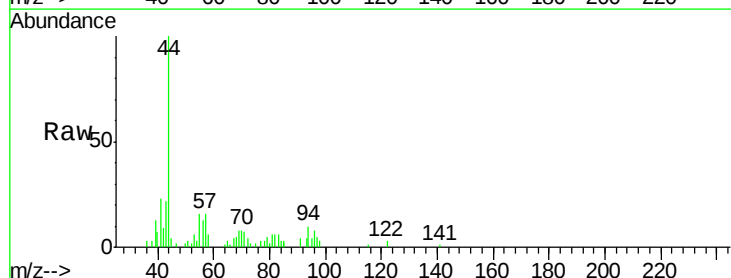
Acq: 05 May 2018 22:22

Tgt Ion: 94 Resp: 797

Ion Ratio Lower Upper

94 100

96 70.5 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

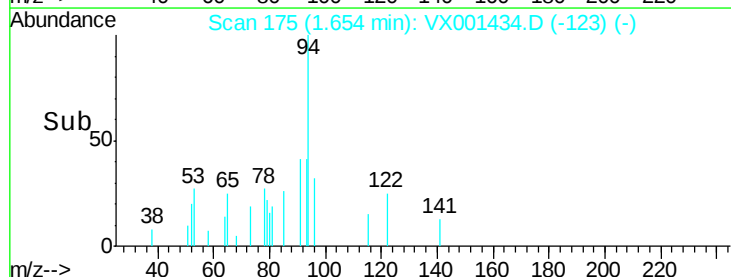
300

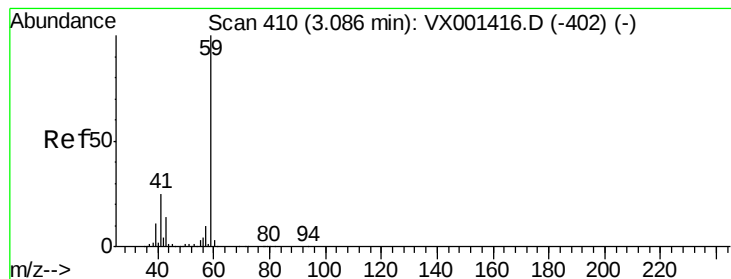
200

100

0

Time--> 1.60 1.65 1.70





#11

Tert butyl alcohol

Concen: 4.29 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

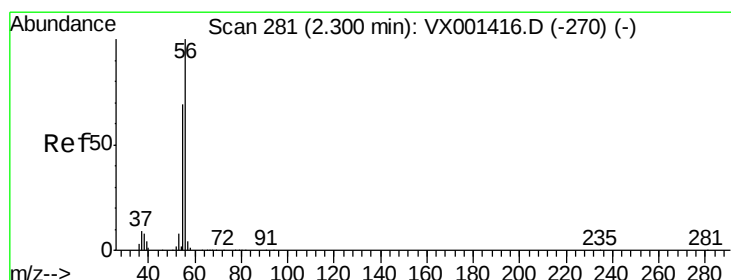
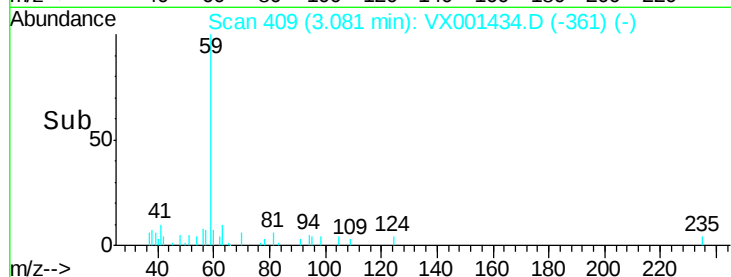
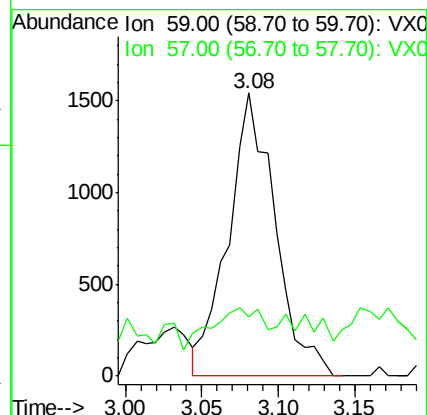
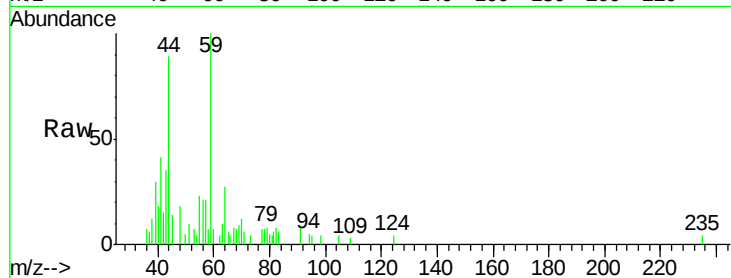
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Tgt Ion: 59 Resp: 3295

Ion Ratio Lower Upper

59 100

57 17.1 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.34 min Scan# 287

Delta R.T. 0.04 min

Lab File: VX001434.D

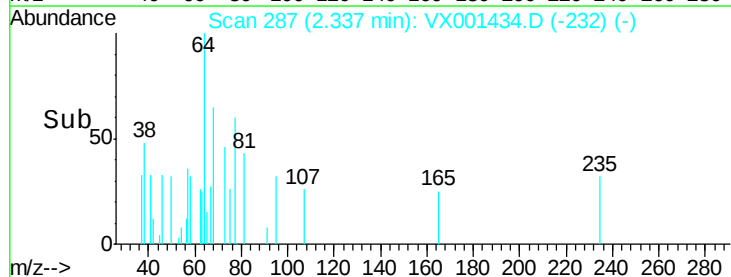
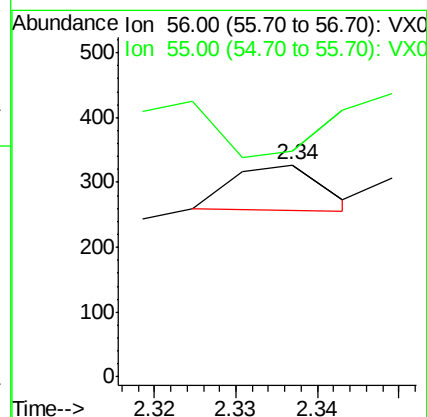
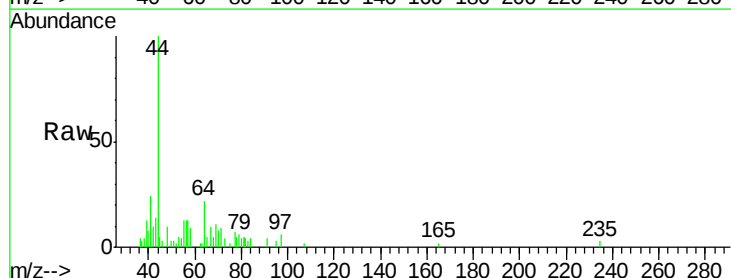
Acq: 05 May 2018 22:22

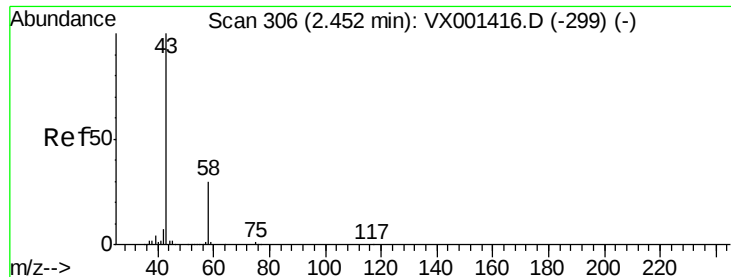
Tgt Ion: 56 Resp: 53

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#





#16

Acetone

Concen: 620.46 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

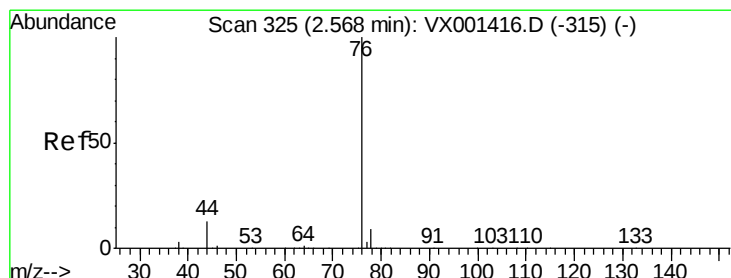
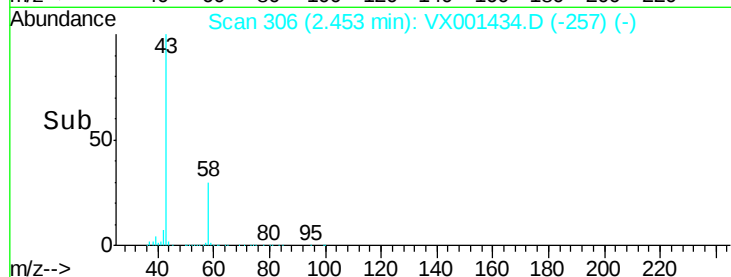
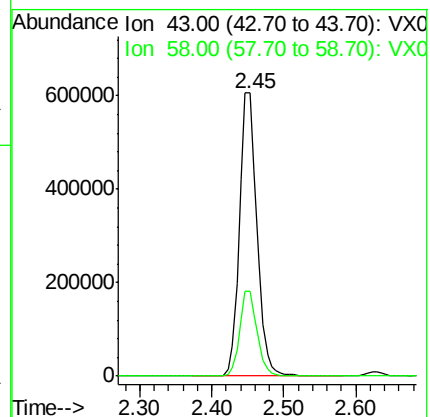
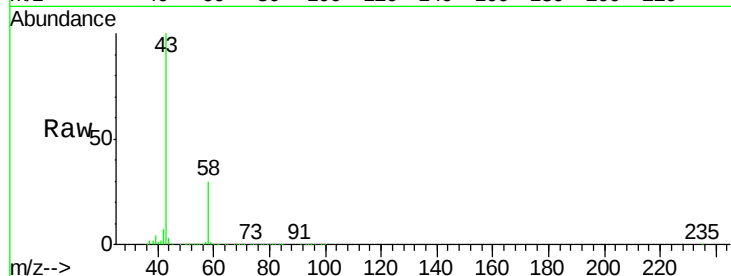
VB16119

Tgt Ion: 43 Resp: 1026144

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.8



#17

Carbon Disulfide

Concen: 0.33 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001434.D

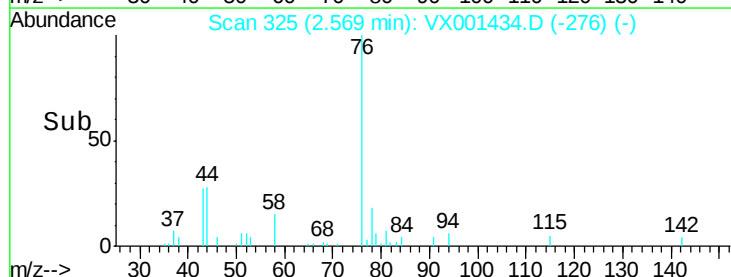
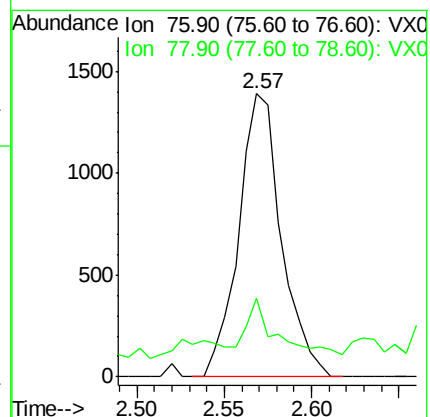
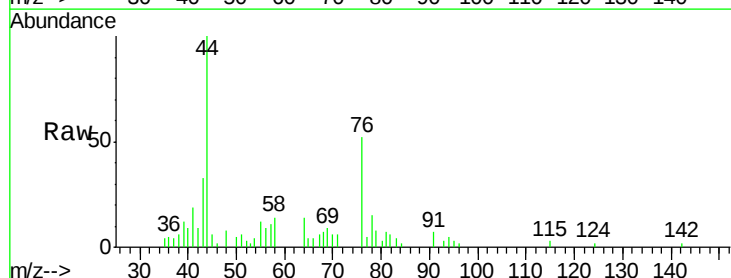
Acq: 05 May 2018 22:22

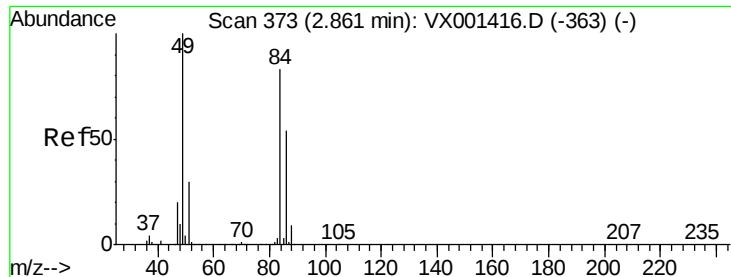
Tgt Ion: 76 Resp: 2361

Ion Ratio Lower Upper

76 100

78 20.1 7.4 11.2#

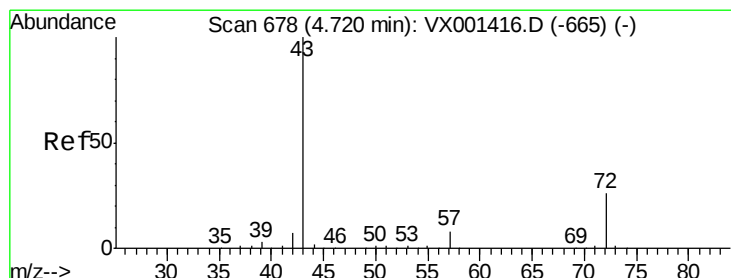
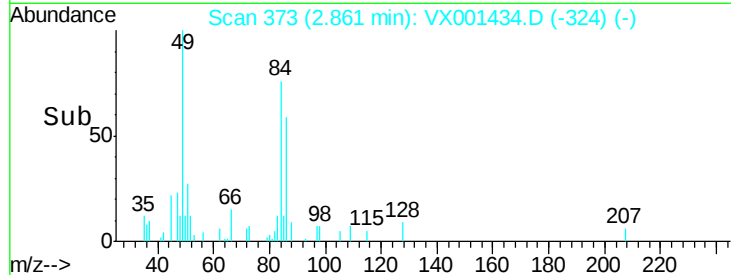
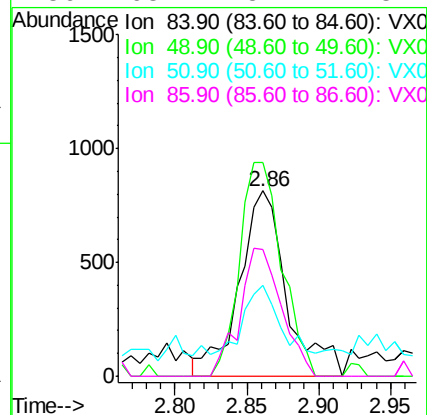
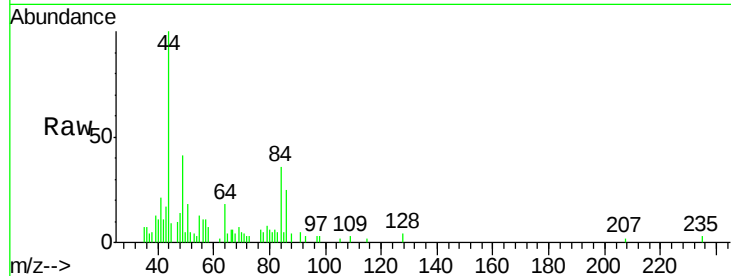




#20  
Methylene Chloride  
Concen: 0.56 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

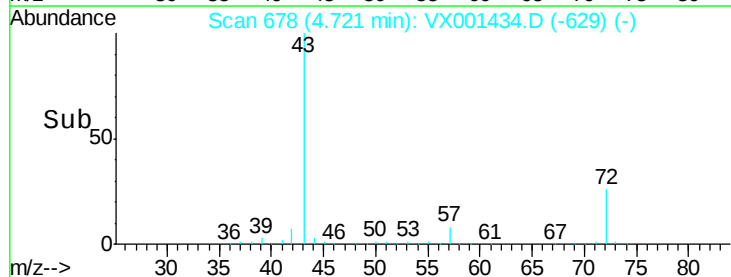
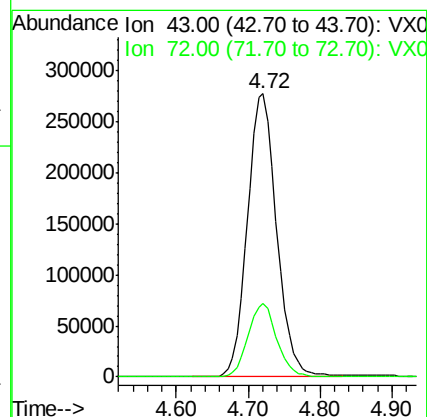
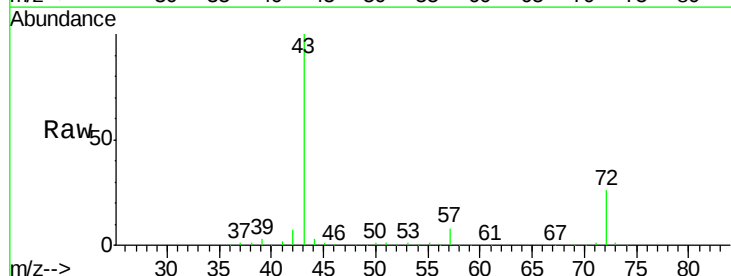
Instrument :  
MSVOA\_X  
ClientSampled :  
VB16119

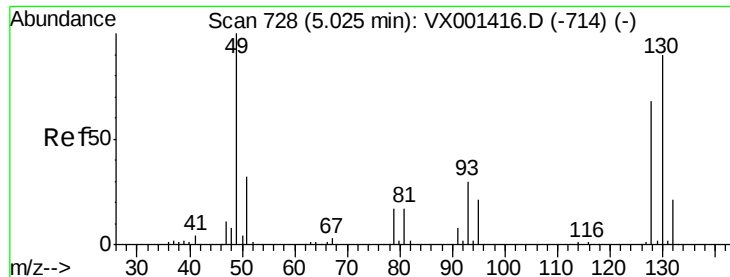
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1848  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.0 | 96.6  | 144.8 |
| 51       | 38.3  | 29.0  | 43.4  |
| 86       | 68.2  | 52.2  | 78.4  |



#25  
2-Butanone  
Concen: 327.46 ug/l  
RT: 4.72 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 782852 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 72       | 26.0  | 20.7  | 31.1   |

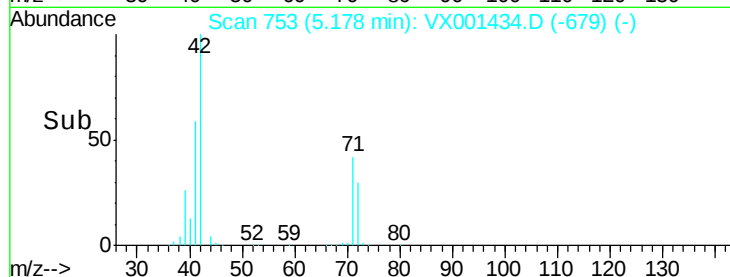
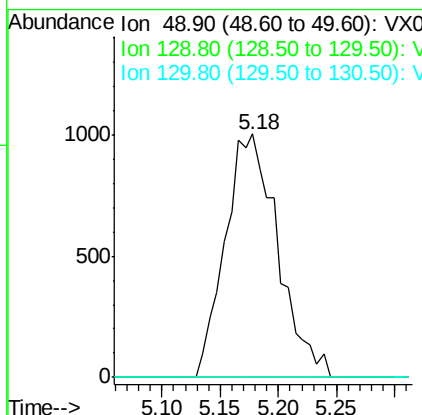
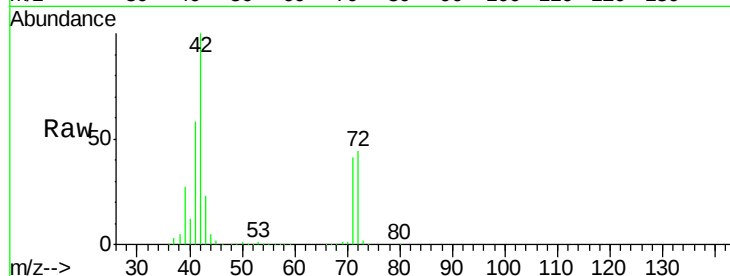




#28  
 Bromochloromethane  
 Concen: 1.33 ug/l  
 RT: 5.18 min Scan# 753  
 Delta R.T. 0.15 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

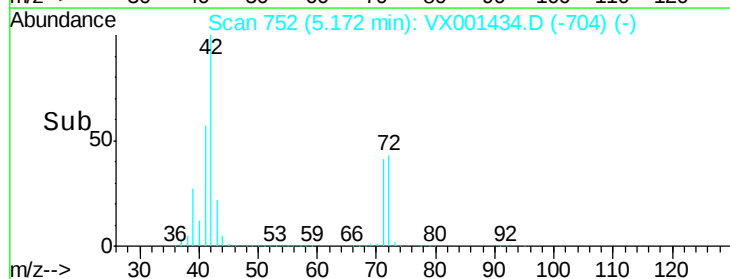
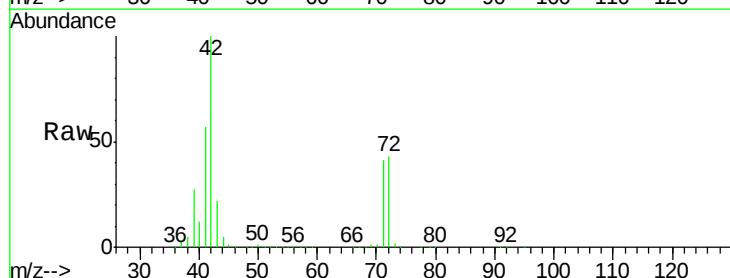
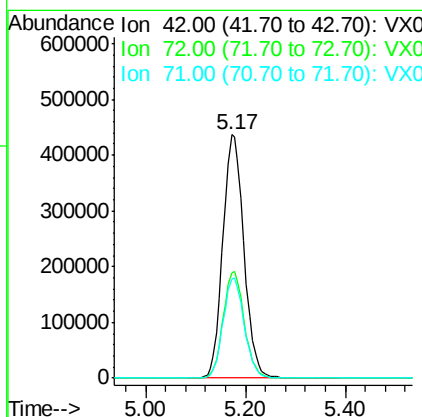
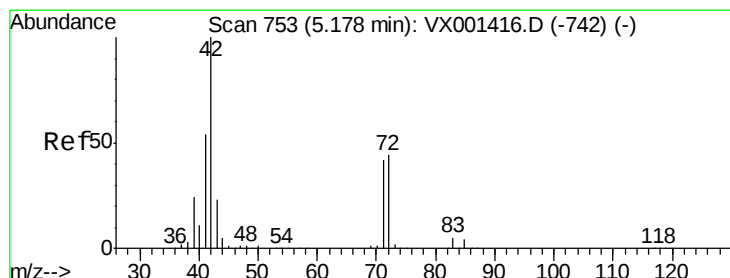
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 MSVOA\_X  
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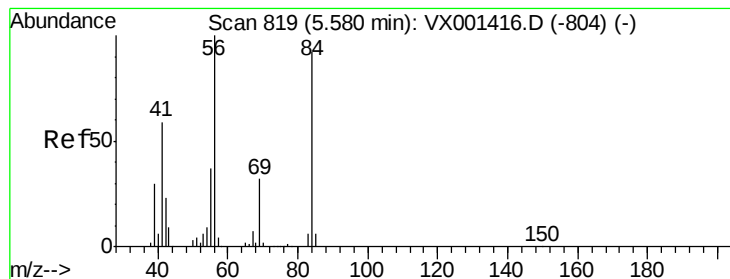
Tgt Ion: 49 Resp: 3142  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.8  
 130 0.0 71.9 107.9#



#29  
 Tetrahydrofuran  
 Concen: 837.98 ug/l  
 RT: 5.17 min Scan# 752  
 Delta R.T. -0.01 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 42 Resp: 1281770  
 Ion Ratio Lower Upper  
 42 100  
 72 43.8 35.4 53.2  
 71 41.3 33.0 49.4





#31

Cyclohexane

Concen: 0.45 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

VB16119

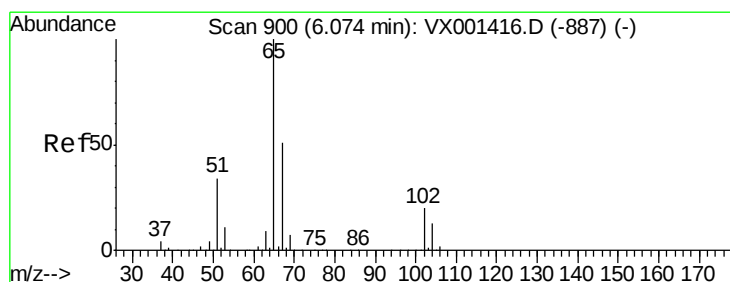
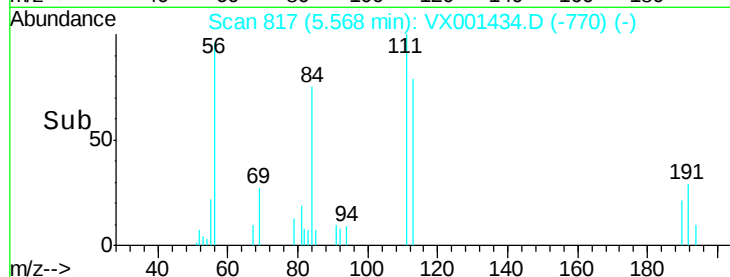
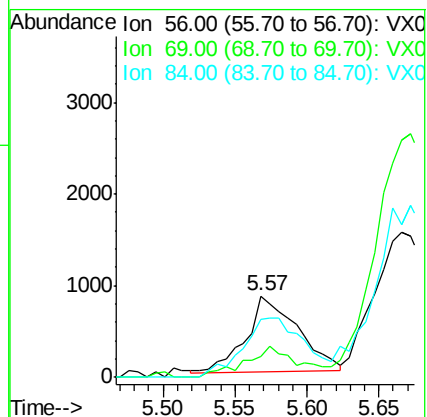
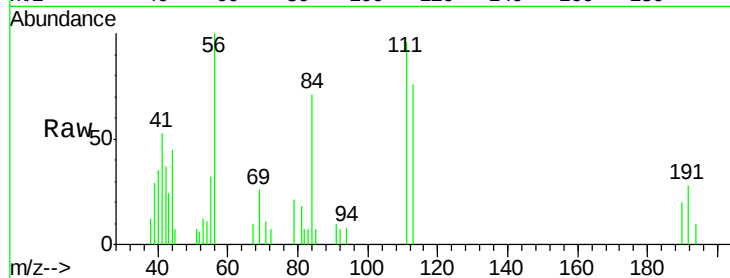
Tgt Ion: 56 Resp: 2093

Ion Ratio Lower Upper

56 100

69 28.5 25.4 38.0

84 77.3 73.8 110.8



#33

1,2-Dichloroethane-d4

Concen: 44.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001434.D

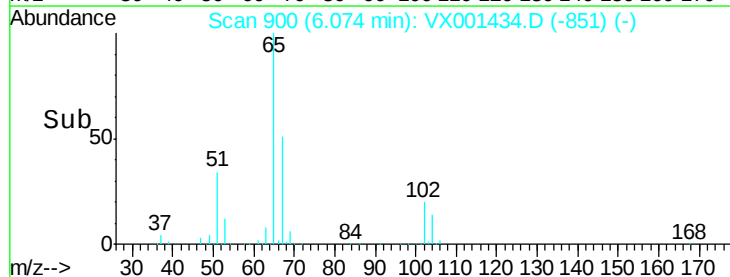
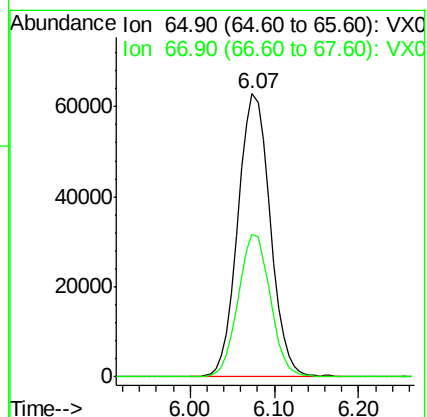
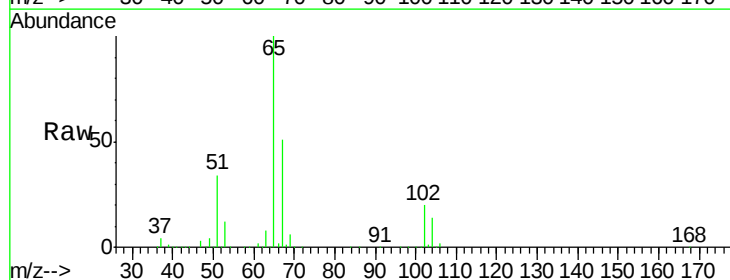
Acq: 05 May 2018 22:22

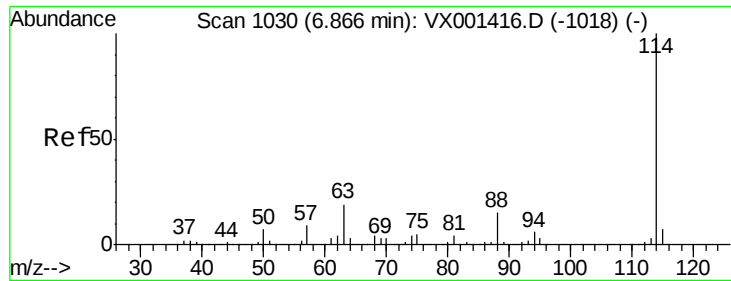
Tgt Ion: 65 Resp: 162980

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

VB16119

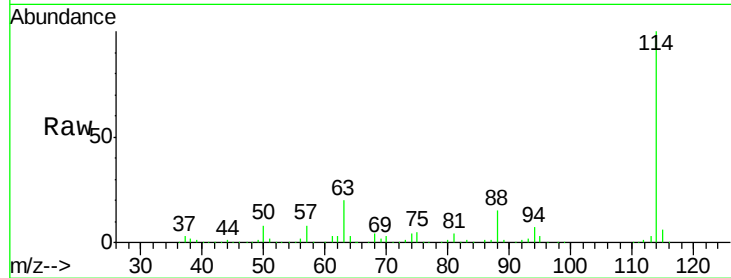
Tgt Ion:114 Resp: 338741

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

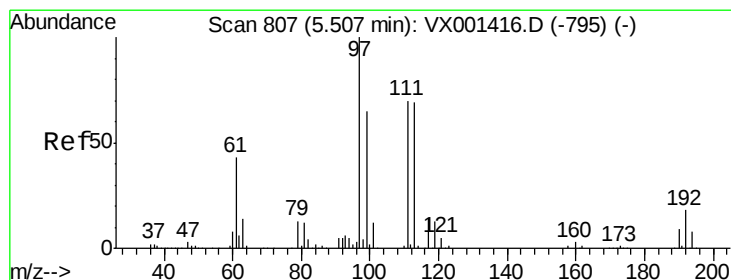
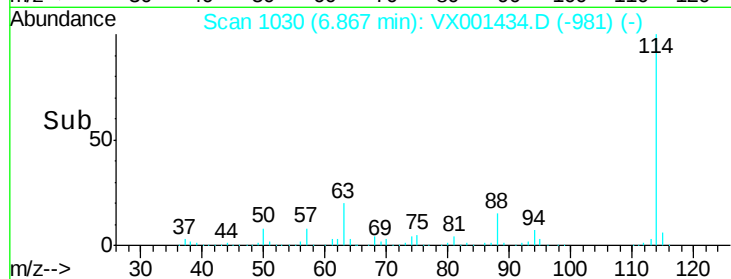
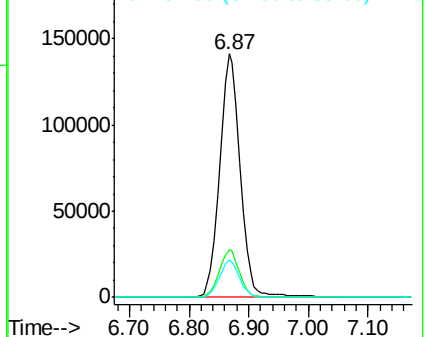
88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 42.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

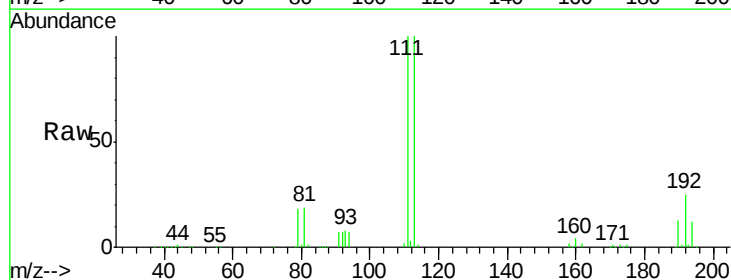
Tgt Ion:113 Resp: 127152

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

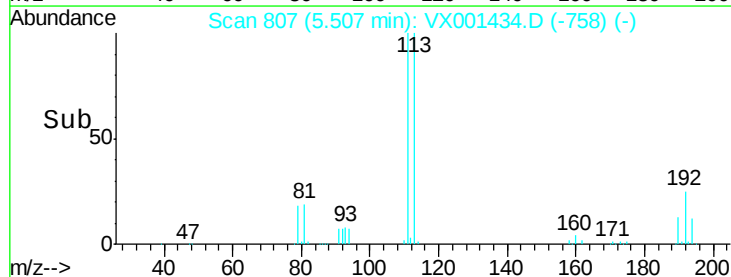
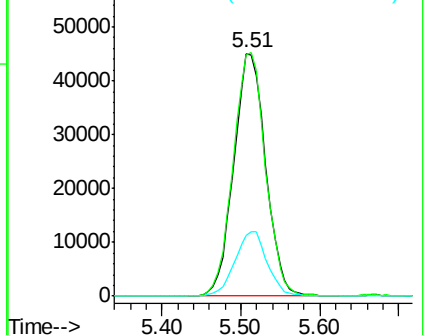
192 26.6 21.4 32.0

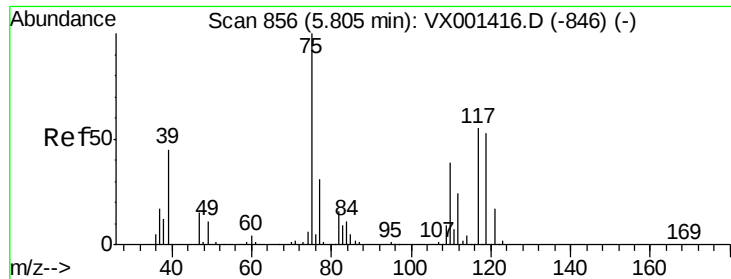


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

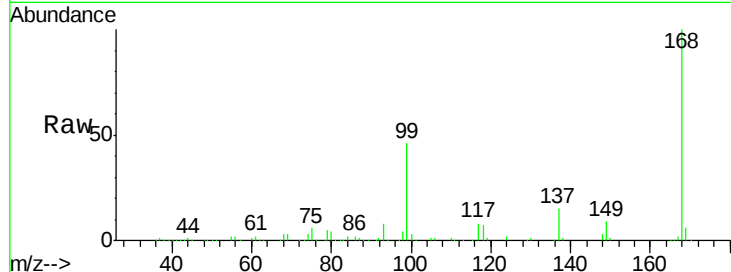




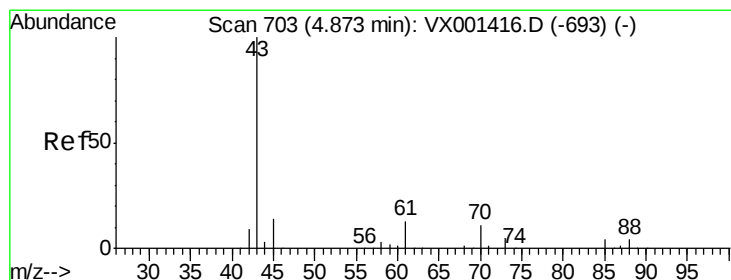
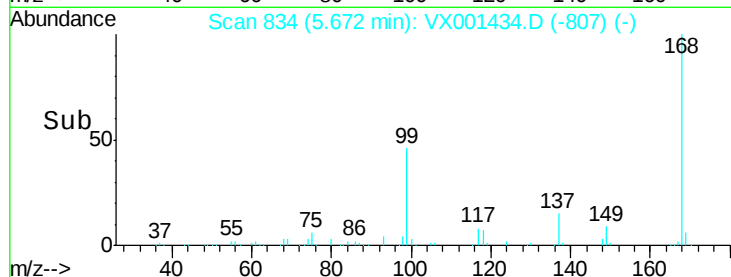
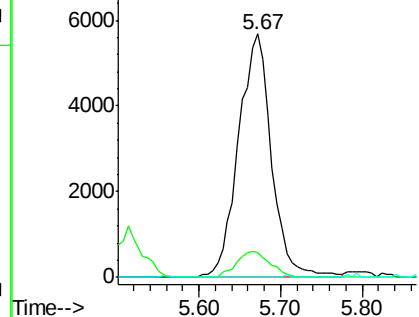
#36  
 1,1-Dichloropropene  
 Concen: 3.69 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.13 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VB16119

Tgt Ion: 75 Resp: 15919  
 Ion Ratio Lower Upper  
 75 100  
 110 10.8 18.9 56.7#  
 77 0.0 24.9 37.3#

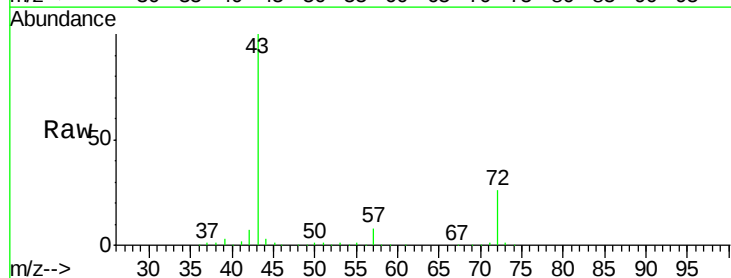


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

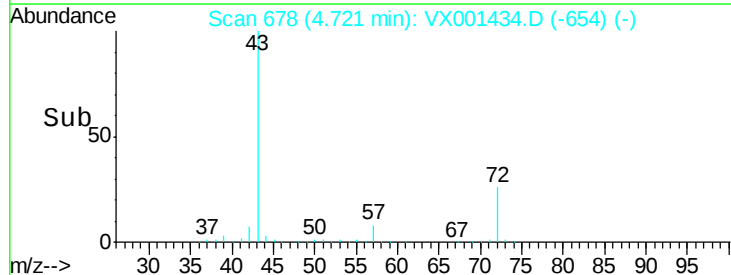
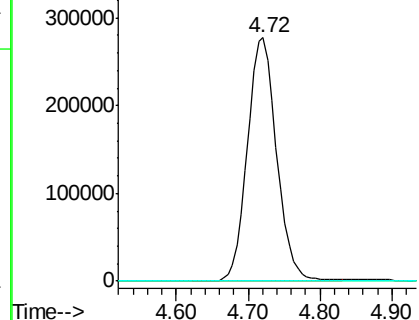


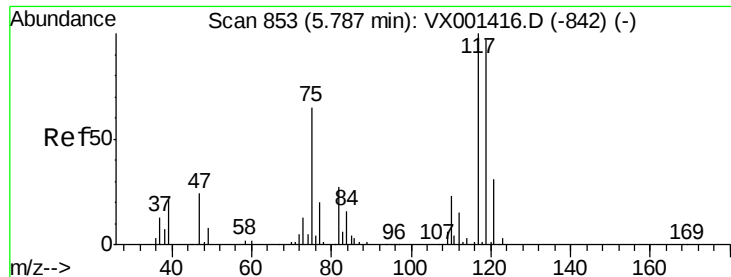
#37  
 Ethyl Acetate  
 Concen: 165.74 ug/l  
 RT: 4.72 min Scan# 678  
 Delta R.T. -0.15 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 43 Resp: 782852  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 10.7 16.1#  
 70 0.2 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 70.00 (69.70 to 70.70): VX0

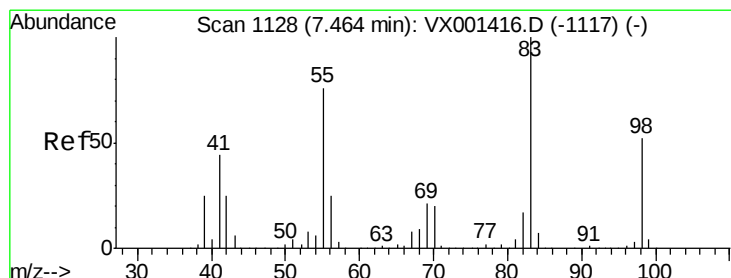
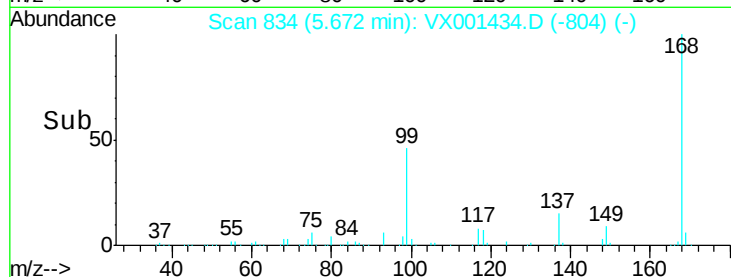
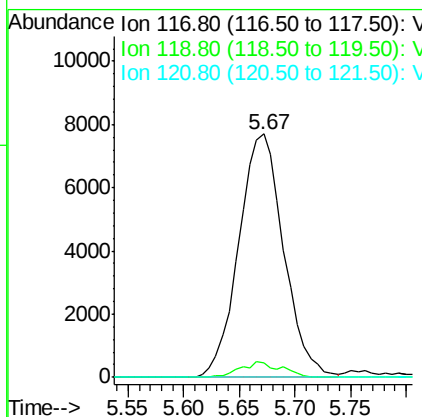
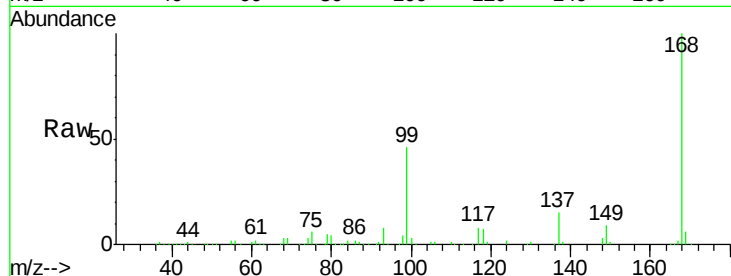




#38  
Carbon Tetrachloride  
Concen: 4.70 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. -0.12 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

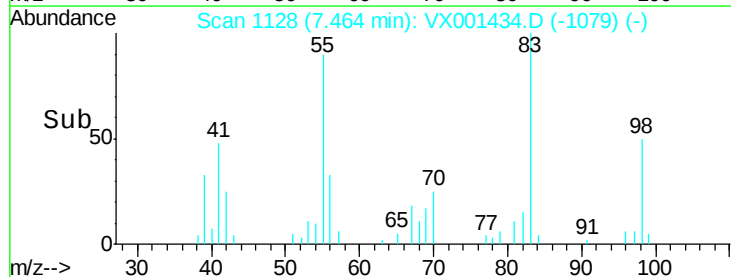
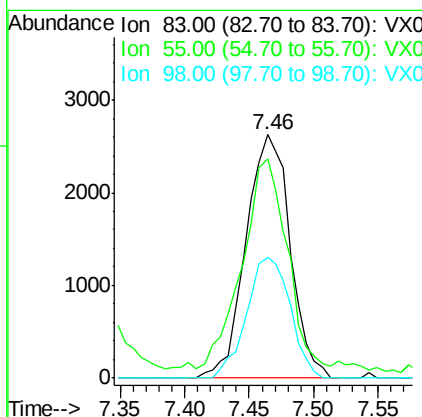
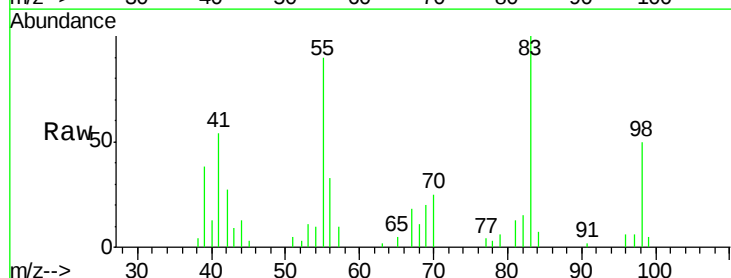
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB16119

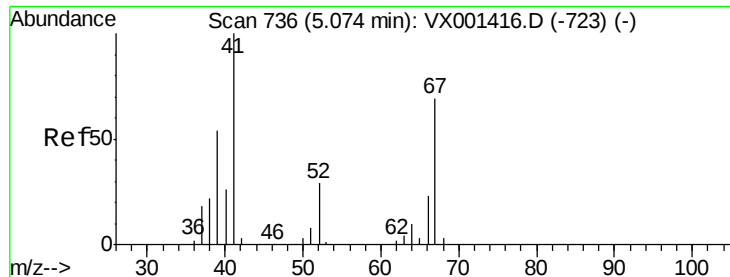
Tgt Ion: 117 Resp: 21584  
Ion Ratio Lower Upper  
117 100  
119 6.2 77.0 115.6#  
121 0.0 25.1 37.7#



#39  
Methylcyclohexane  
Concen: 1.22 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

Tgt Ion: 83 Resp: 6219  
Ion Ratio Lower Upper  
83 100  
55 83.6 60.9 91.3  
98 49.7 41.9 62.9

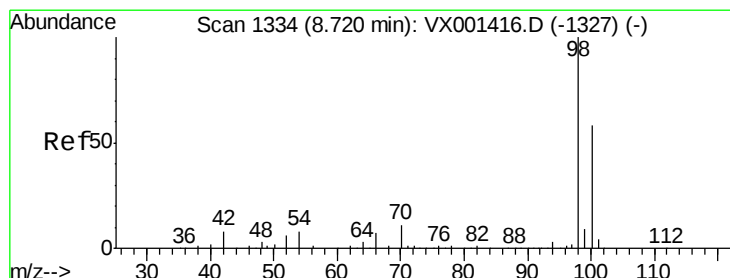
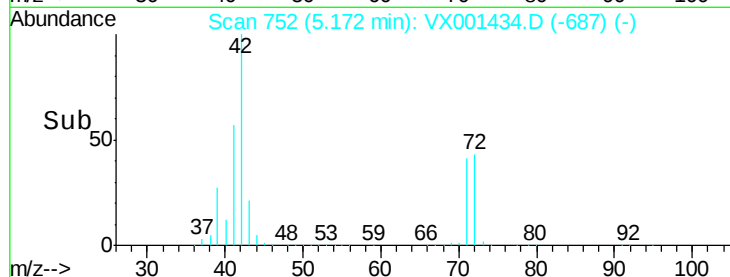
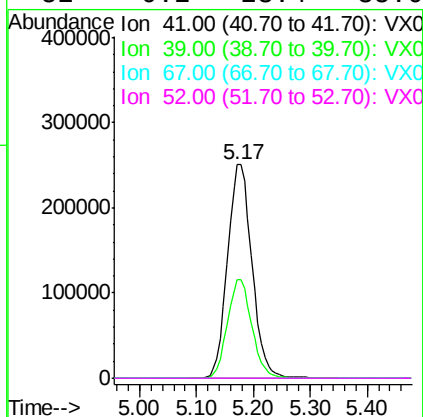
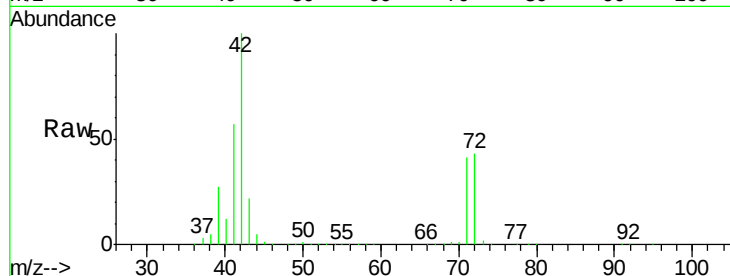




#41  
Methacrylonitrile  
Concen: 277.98 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.10 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

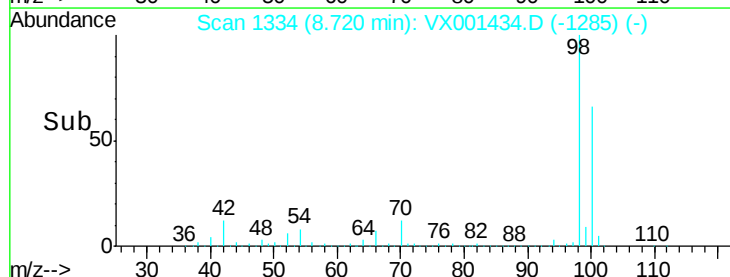
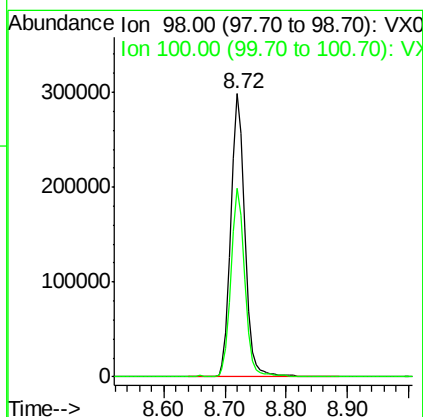
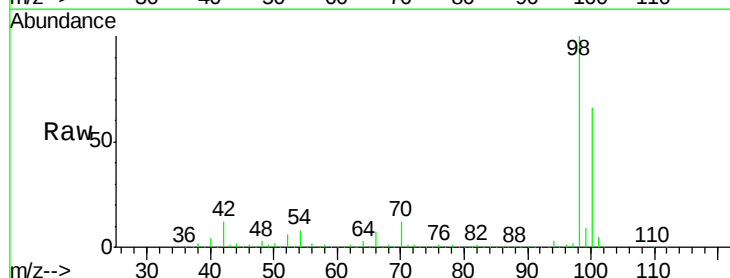
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB16119

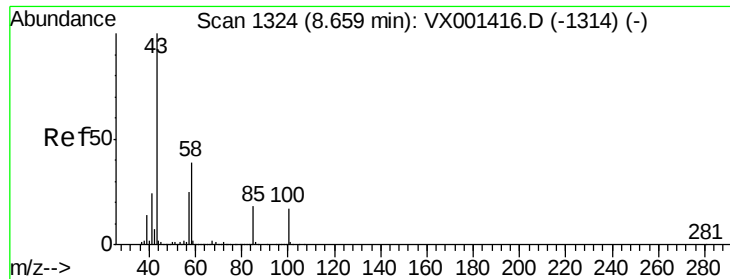
Tgt Ion: 41 Resp: 751236  
Ion Ratio Lower Upper  
41 100  
39 46.3 45.0 67.6  
67 0.0 55.0 82.6#  
52 0.2 23.4 35.0#



#50  
Toluene-d8  
Concen: 42.61 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

Tgt Ion: 98 Resp: 468605  
Ion Ratio Lower Upper  
98 100  
100 65.0 54.0 81.0

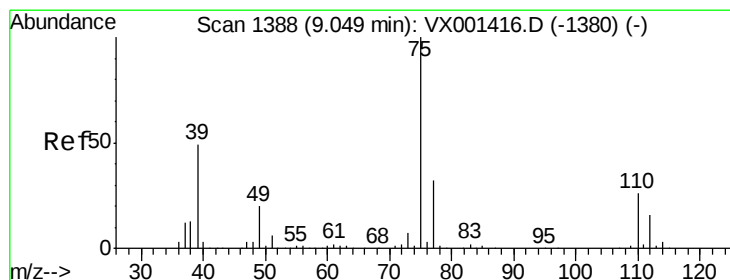
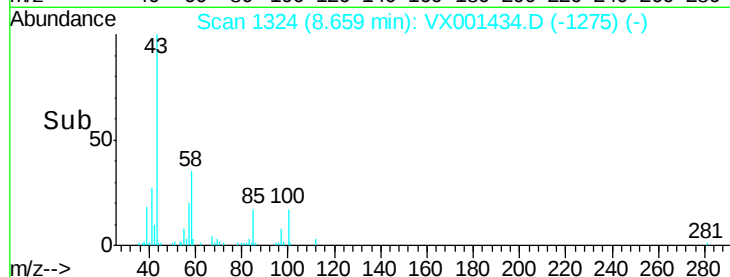
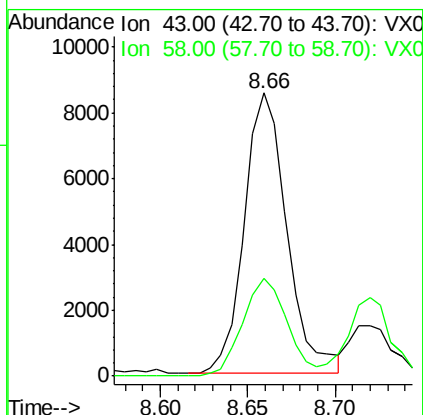
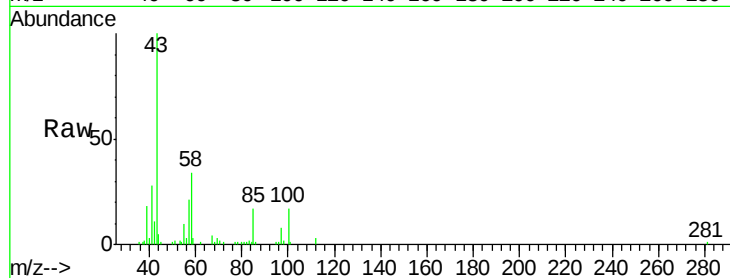




#51  
 4-Methyl-2-Pentanone  
 Concen: 3.00 ug/l  
 RT: 8.66 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

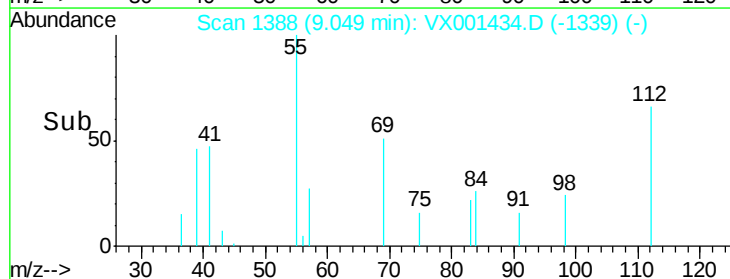
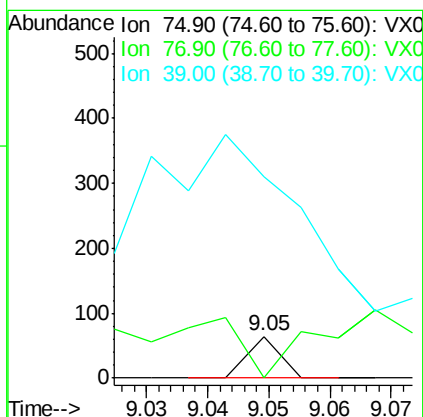
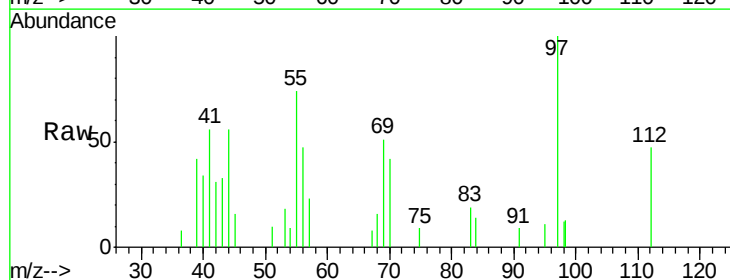
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

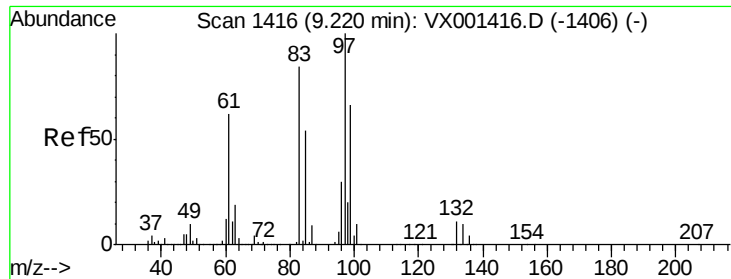
Tgt Ion: 43 Resp: 14435  
 Ion Ratio Lower Upper  
 43 100  
 58 36.3 30.8 46.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 2.27 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 75 Resp: 23  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.5 38.3#  
 39 220.3 38.9 58.3#

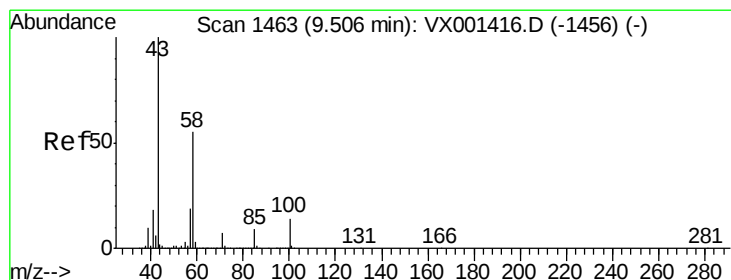
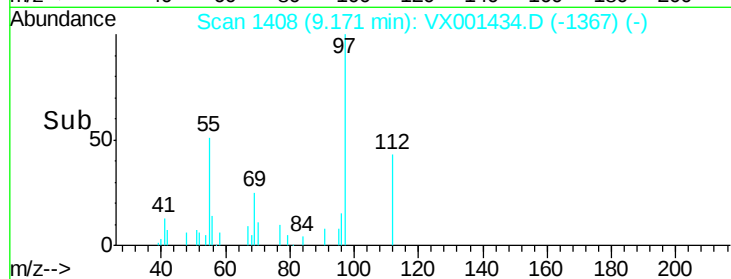
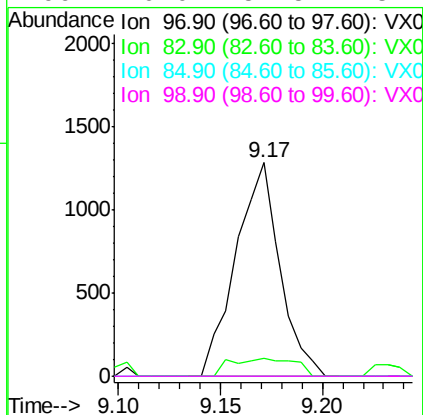
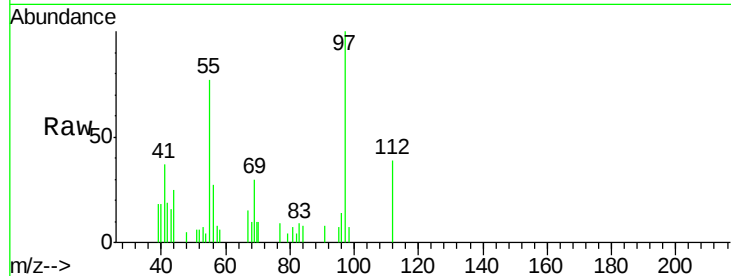




#55  
 1,1,2-Trichloroethane  
 Concen: 0.58 ug/l  
 RT: 9.17 min Scan# 1408  
 Delta R.T. -0.05 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

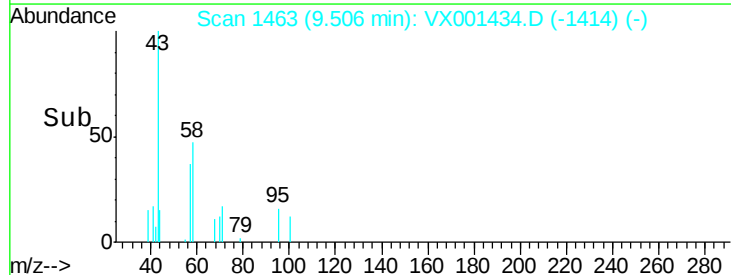
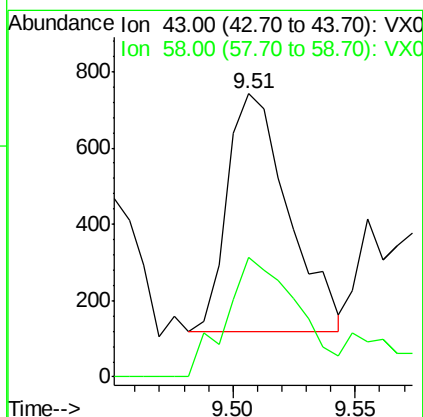
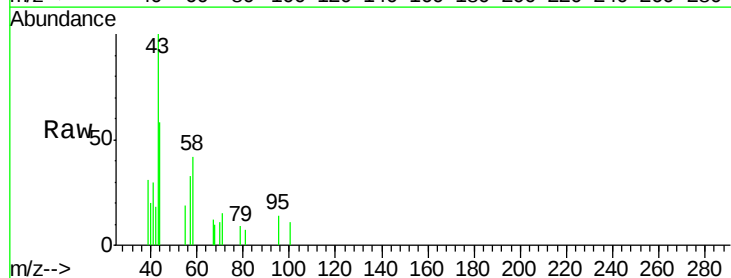
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

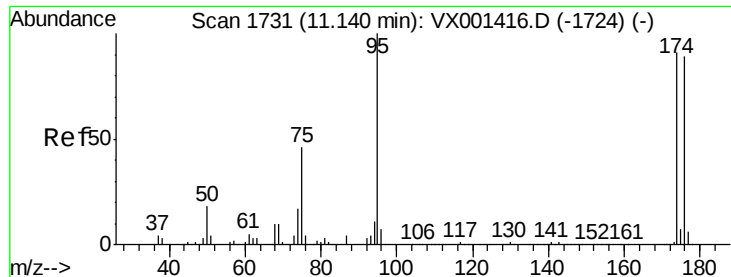
Tgt Ion: 97 Resp: 1919  
 Ion Ratio Lower Upper  
 97 100  
 83 8.6 67.4 101.0#  
 85 0.0 43.3 64.9#  
 99 0.0 52.5 78.7#



#59  
 2-Hexanone  
 Concen: 0.29 ug/l  
 RT: 9.51 min Scan# 1463  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 43 Resp: 1078  
 Ion Ratio Lower Upper  
 43 100  
 58 59.2 27.1 81.2

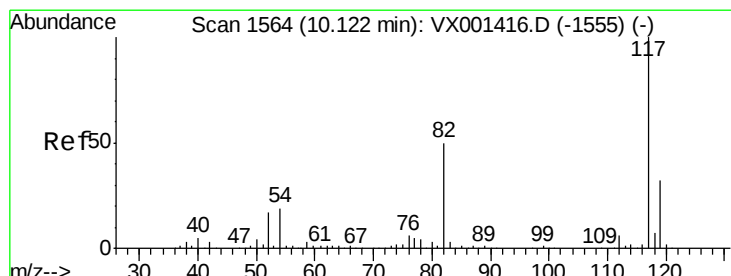
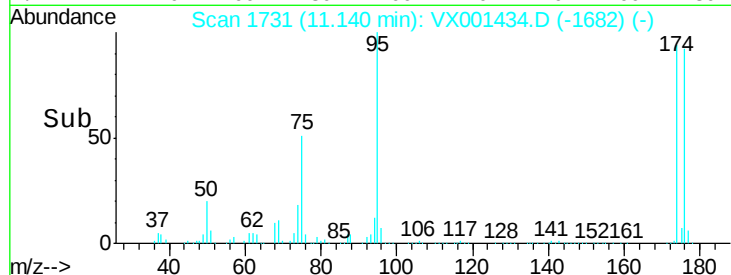
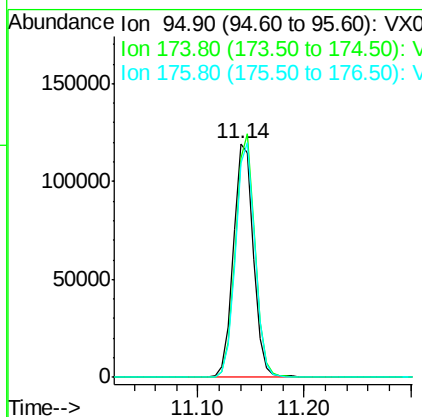
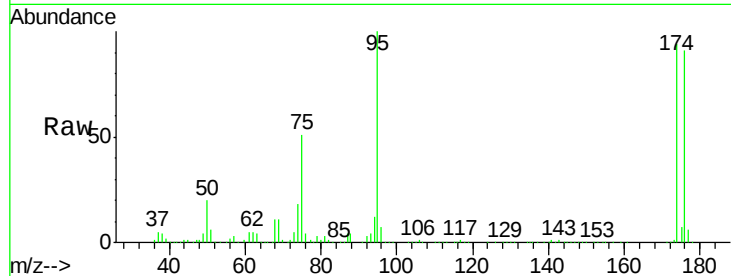




#62  
4-Bromofluorobenzene  
Concen: 37.34 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

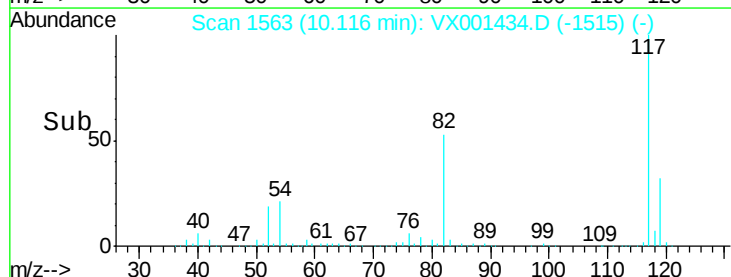
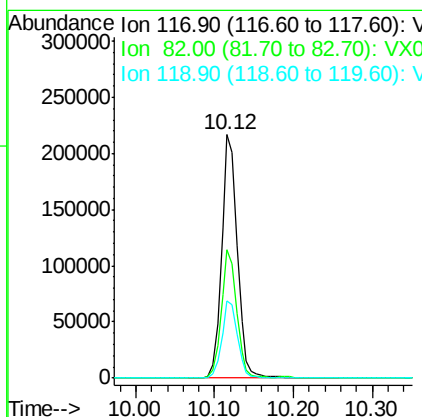
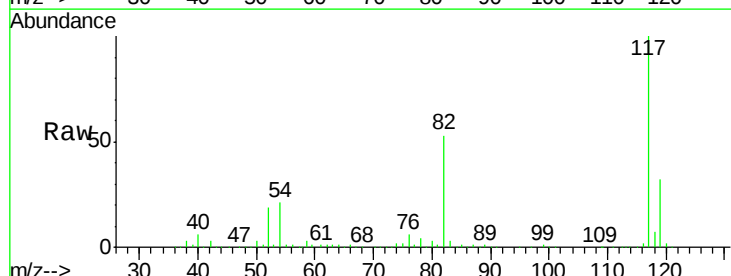
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB16119

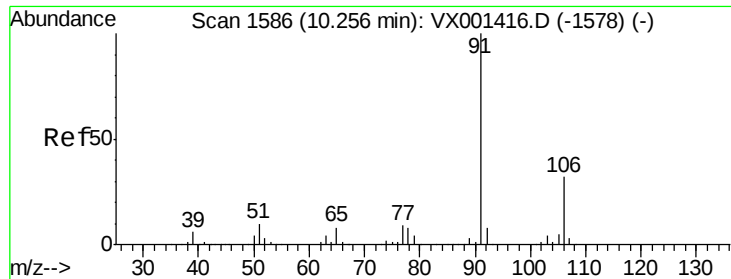
Tgt Ion: 95 Resp: 157665  
Ion Ratio Lower Upper  
95 100  
174 101.3 0.0 202.0  
176 97.7 0.0 197.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

Tgt Ion: 117 Resp: 299319  
Ion Ratio Lower Upper  
117 100  
82 52.8 40.0 60.0  
119 31.7 25.8 38.8





#67

Ethyl Benzene

Concen: 0.32 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

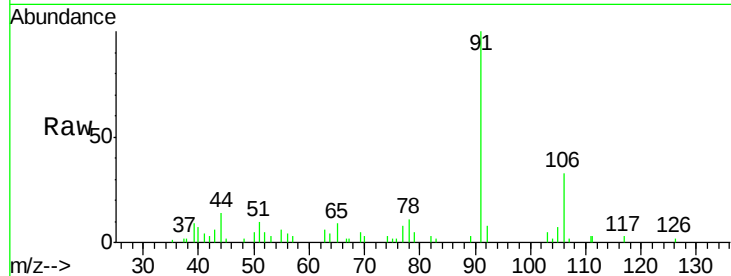
VB16119

Tgt Ion: 91 Resp: 4587

Ion Ratio Lower Upper

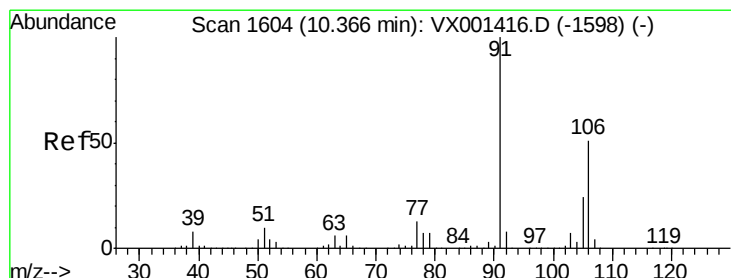
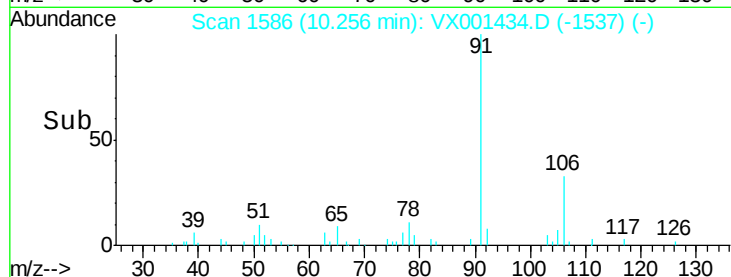
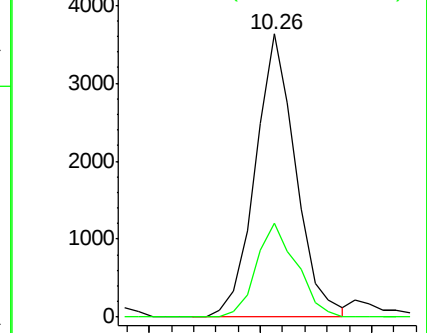
91 100

106 33.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.47 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001434.D

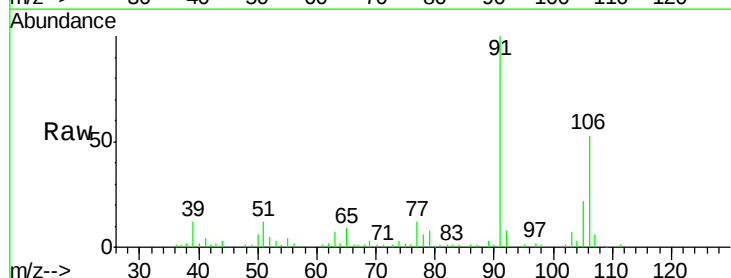
Acq: 05 May 2018 22:22

Tgt Ion: 106 Resp: 8341

Ion Ratio Lower Upper

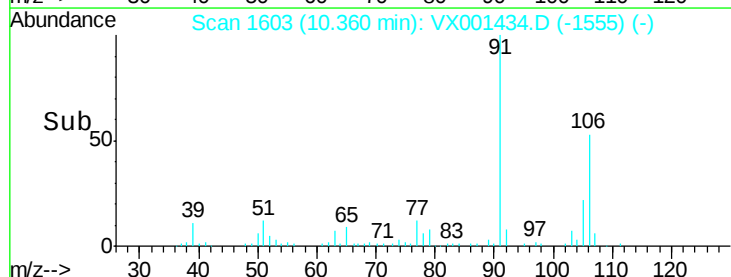
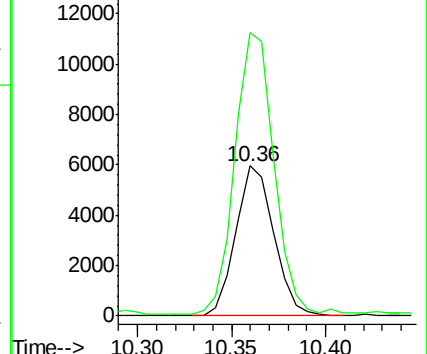
106 100

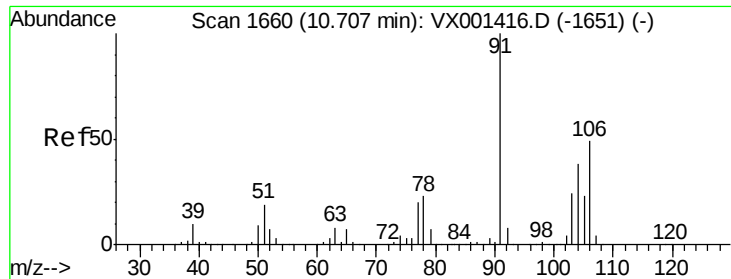
91 193.9 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

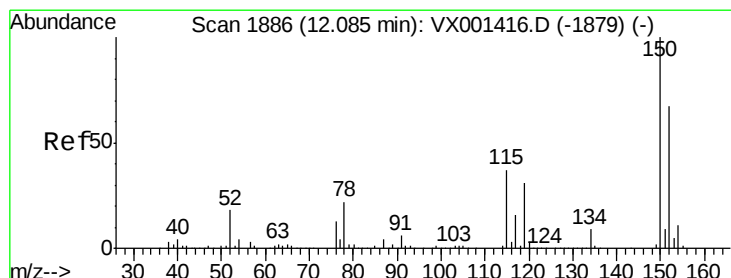
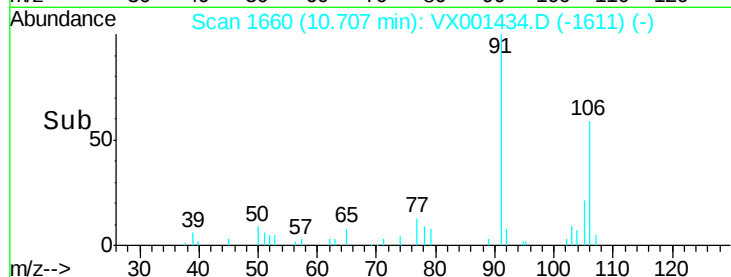
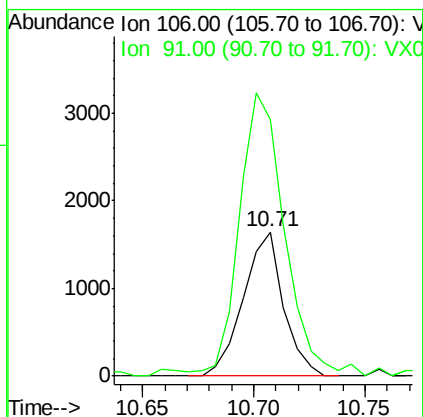
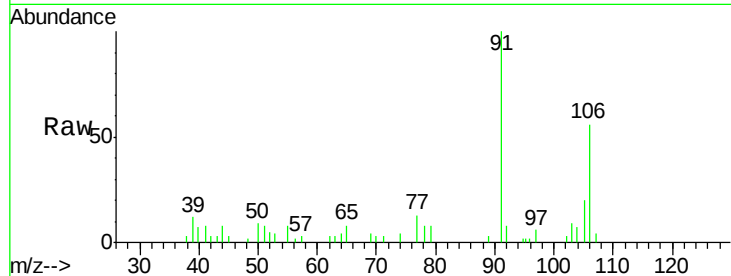




#69  
o-Xylene  
Concen: 0.37 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

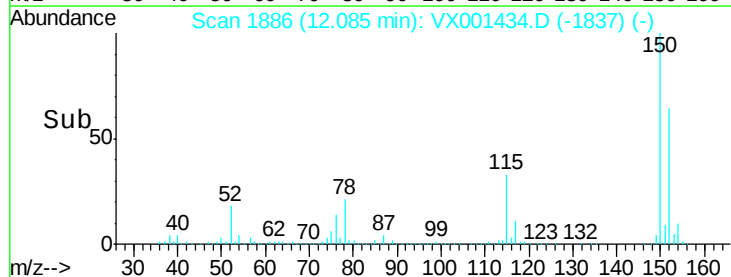
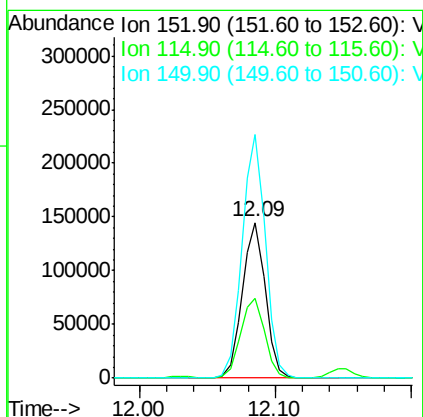
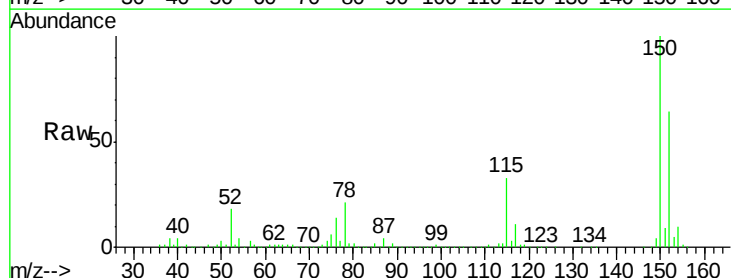
Instrument :  
MSVOA\_X  
ClientSampled :  
VB16119

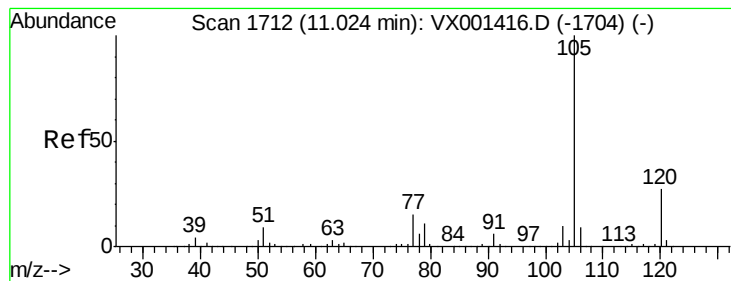
Tgt Ion:106 Resp: 2062  
Ion Ratio Lower Upper  
106 100  
91 227.3 103.1 309.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

Tgt Ion:152 Resp: 171026  
Ion Ratio Lower Upper  
152 100  
115 53.6 37.7 113.1  
150 157.8 0.0 349.4





#73

Isopropylbenzene

Concen: 1.61 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

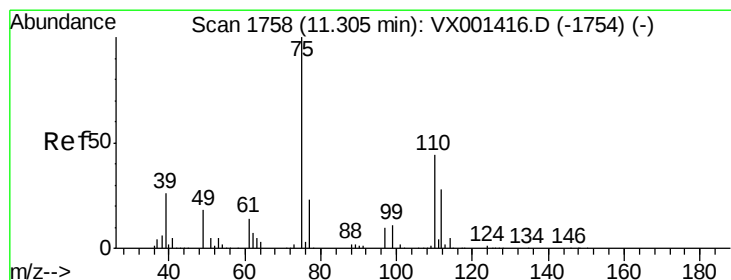
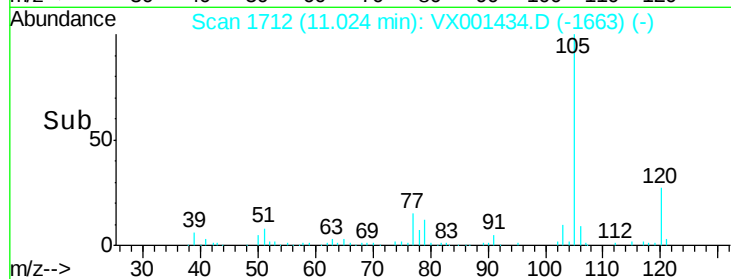
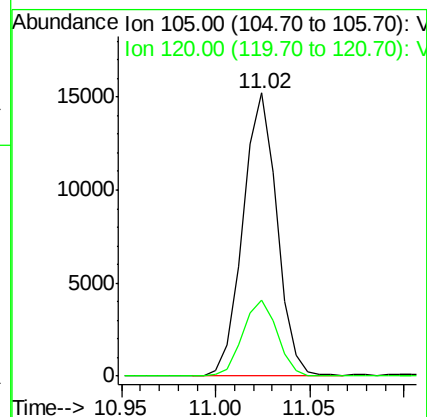
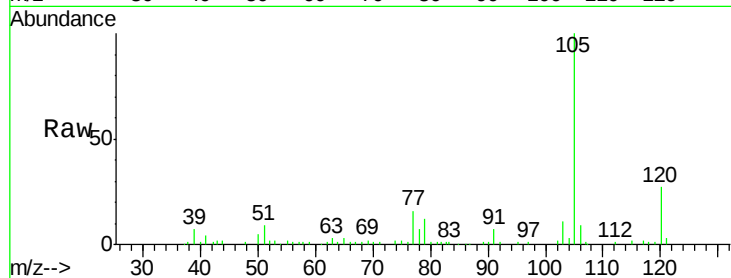
VB16119

Tgt Ion: 105 Resp: 19063

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#76

1,2,3-Trichloropropane

Concen: 22.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001434.D

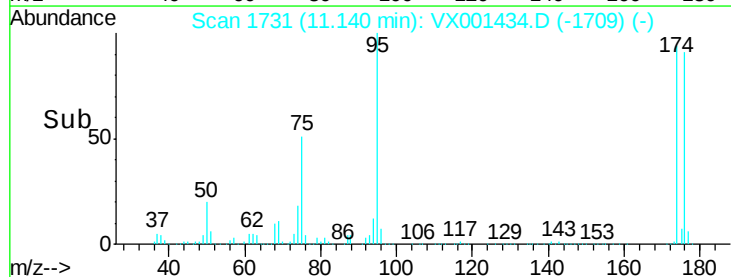
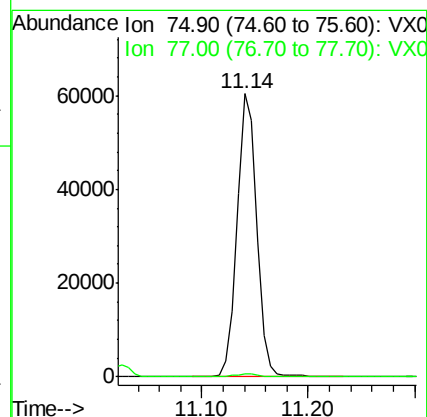
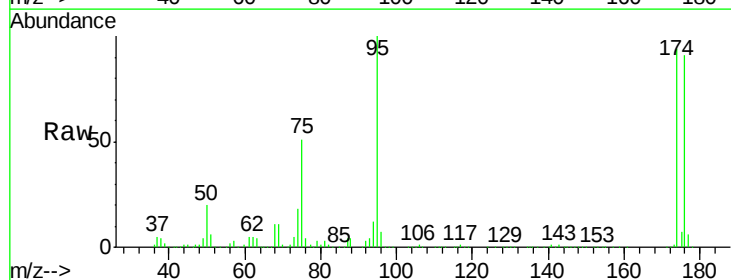
Acq: 05 May 2018 22:22

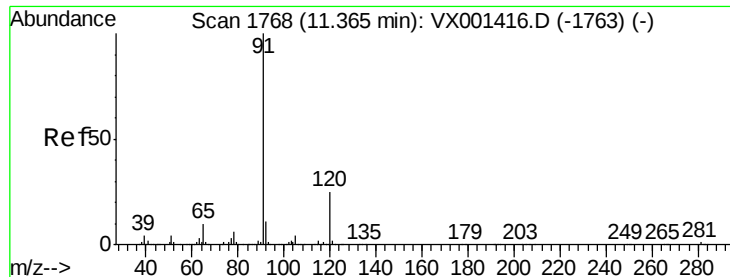
Tgt Ion: 75 Resp: 78427

Ion Ratio Lower Upper

75 100

77 1.1 19.6 58.7#





#78

n-propylbenzene

Concen: 2.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

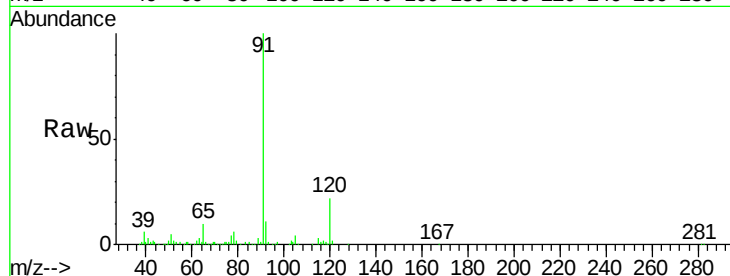
VB16119

Tgt Ion: 91 Resp: 28861

Ion Ratio Lower Upper

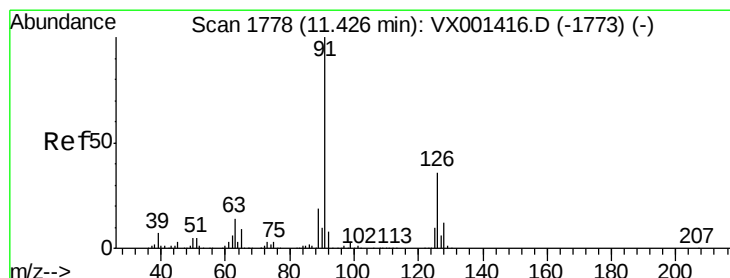
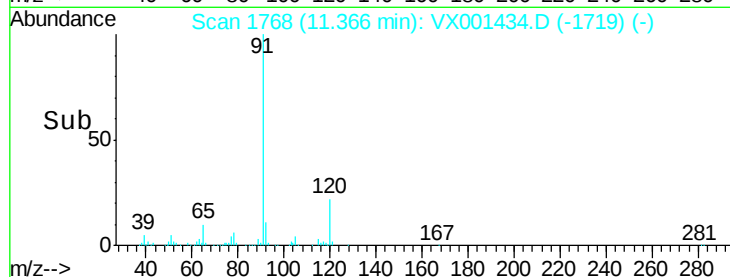
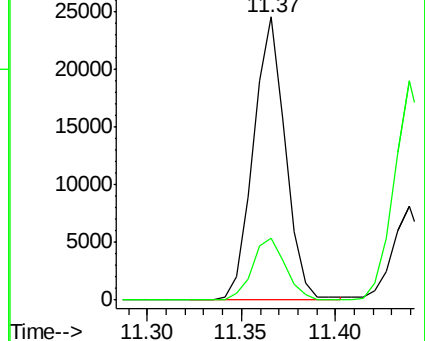
91 100

120 22.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.66 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX001434.D

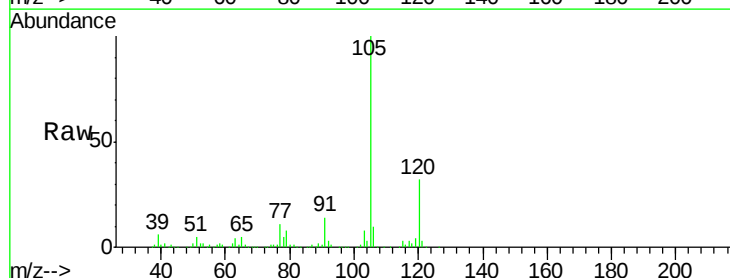
Acq: 05 May 2018 22:22

Tgt Ion: 91 Resp: 13159

Ion Ratio Lower Upper

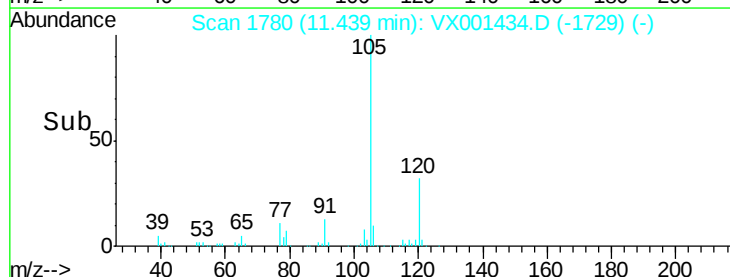
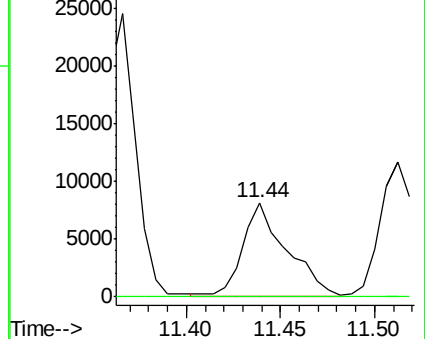
91 100

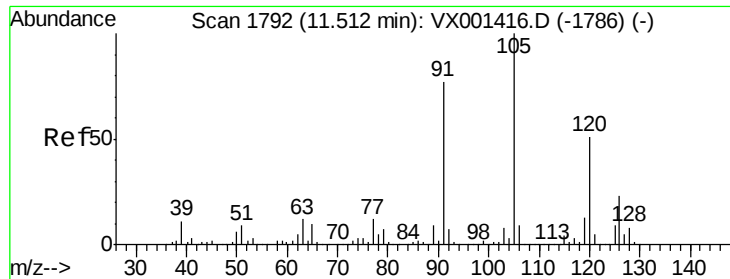
126 0.4 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

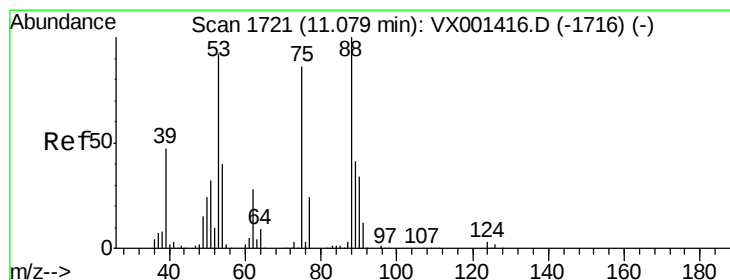
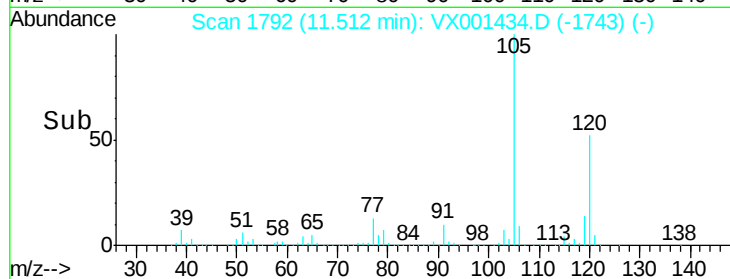
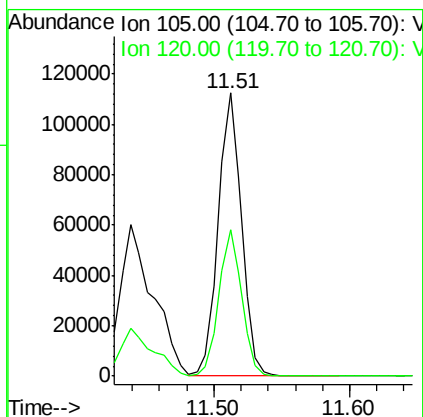
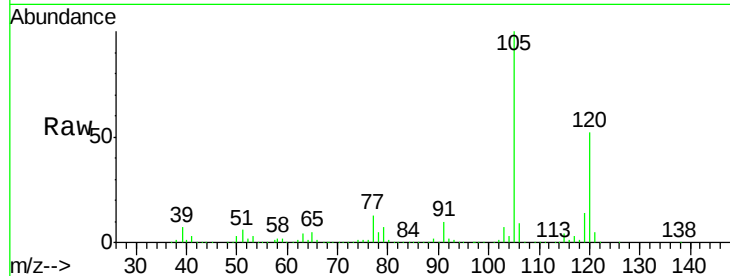




#80  
 1,3,5-Trimethylbenzene  
 Concen: 13.53 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

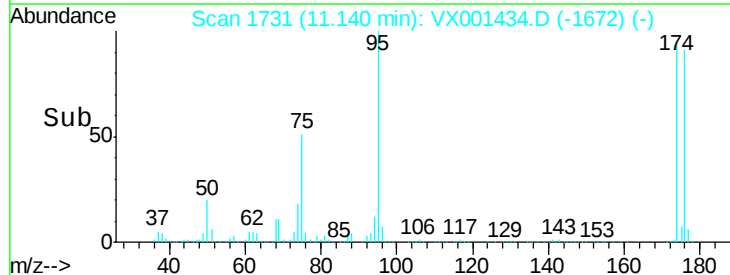
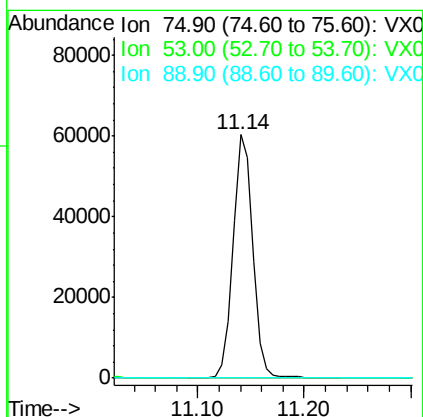
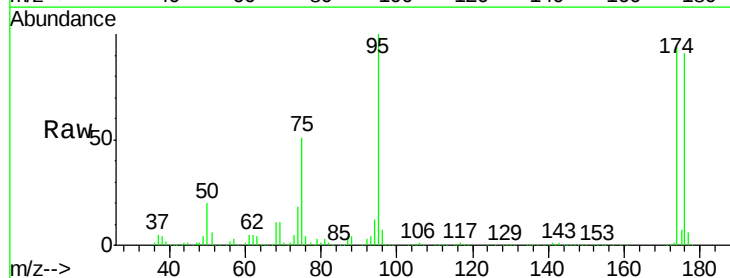
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

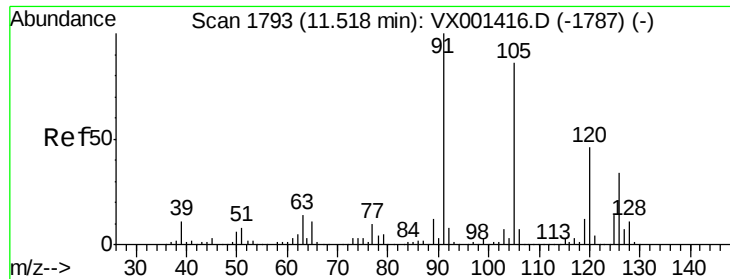
Tgt Ion: 105 Resp: 133356  
 Ion Ratio Lower Upper  
 105 100  
 120 51.1 25.7 77.1



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 70.20 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.06 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 75 Resp: 78427  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 84.5 126.7#  
 89 0.0 39.5 59.3#

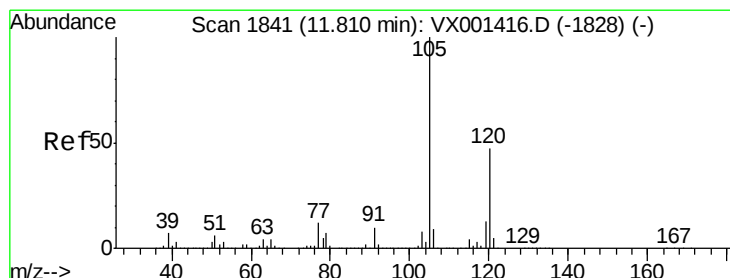
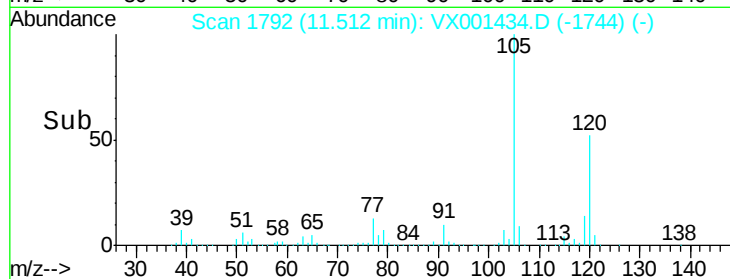
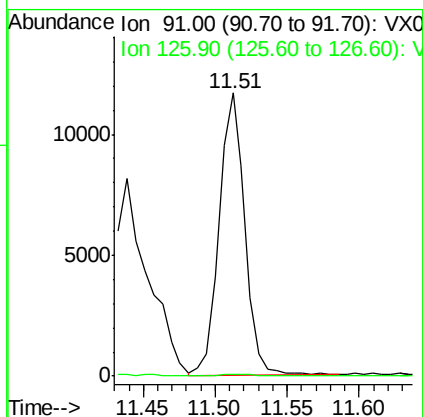
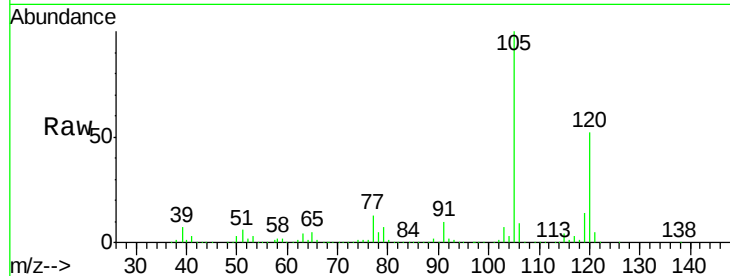




#82  
4-Chlorotoluene  
Concen: 1.60 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

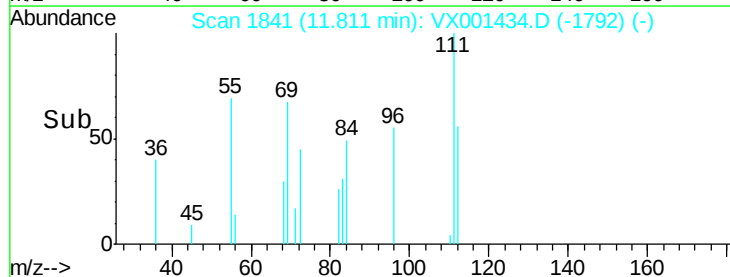
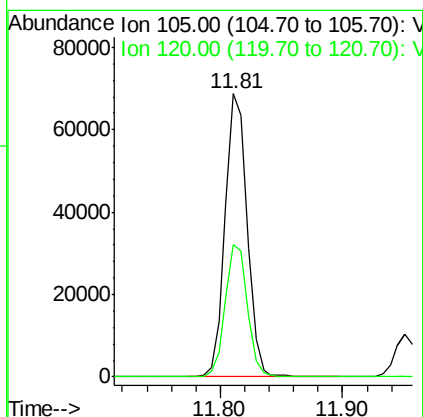
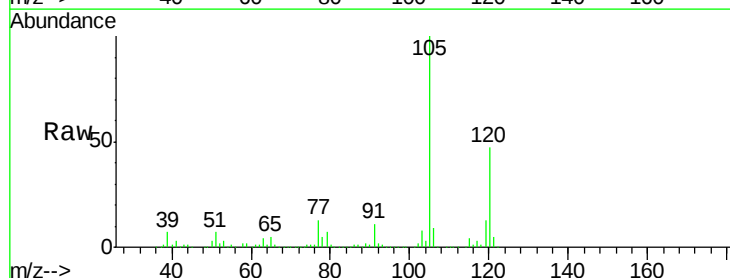
Instrument :  
MSVOA\_X  
ClientSampled :  
VB16119

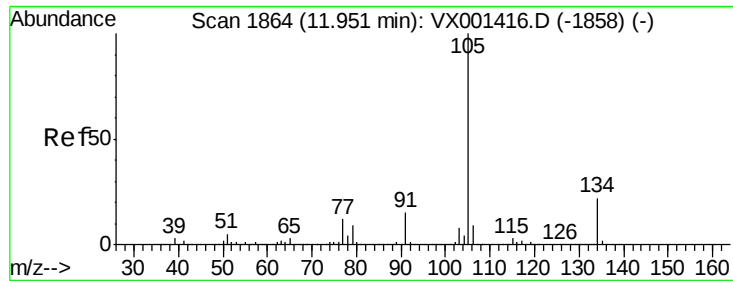
Tgt Ion: 91 Resp: 14646  
Ion Ratio Lower Upper  
91 100  
126 0.8 16.2 48.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 8.44 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VX001434.D  
Acq: 05 May 2018 22:22

Tgt Ion: 105 Resp: 85480  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.4 70.2

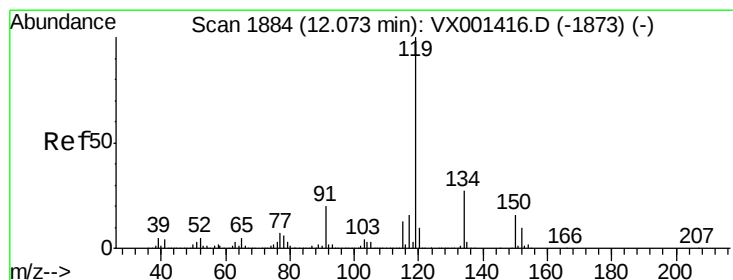
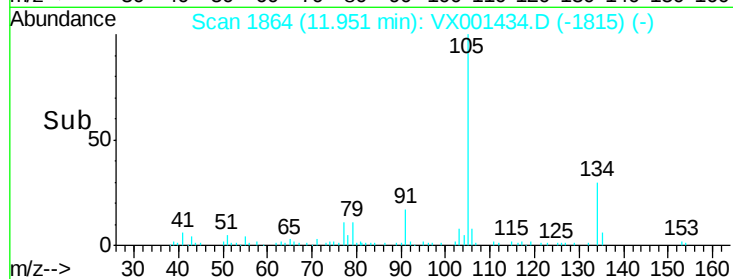
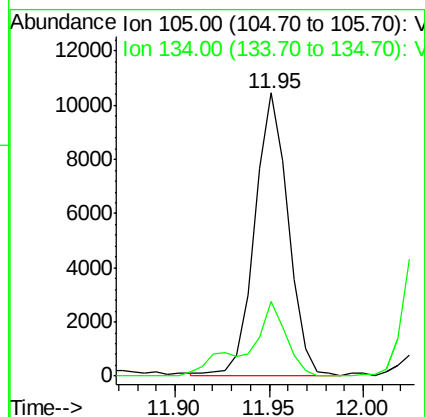
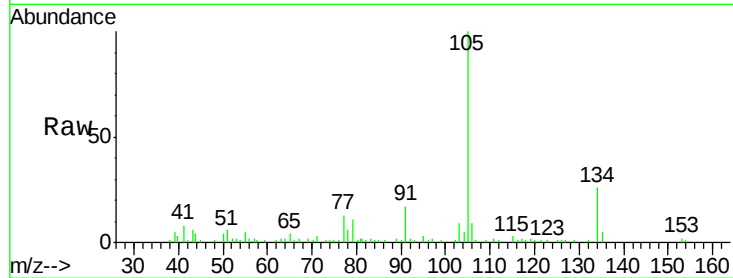




#85  
 sec-Butylbenzene  
 Concen: 1.09 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

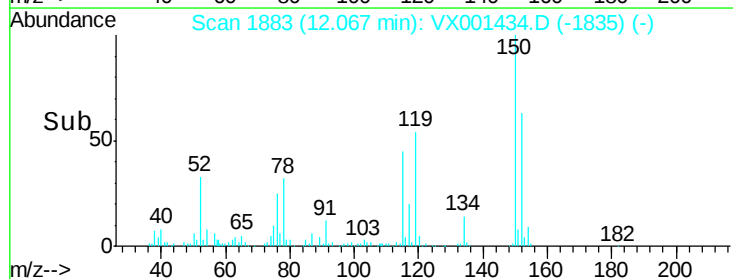
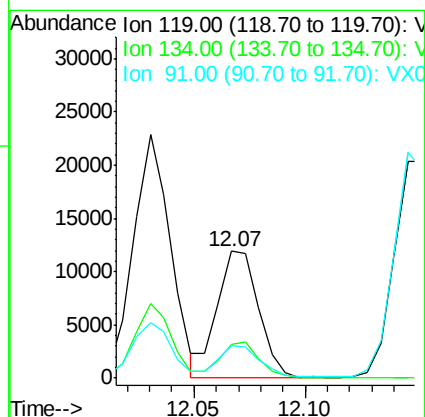
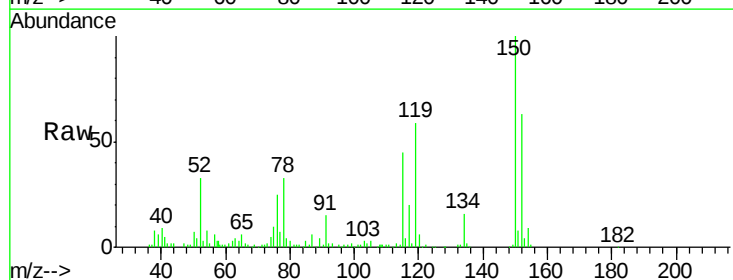
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

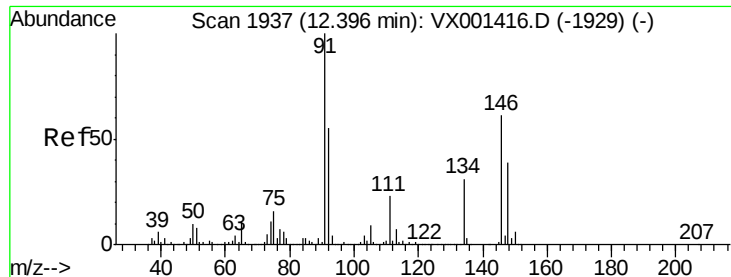
Tgt Ion:105 Resp: 12873  
 Ion Ratio Lower Upper  
 105 100  
 134 30.4 10.9 32.9



#86  
 p-Isopropyltoluene  
 Concen: 1.41 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion:119 Resp: 15281  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.6 40.8  
 91 24.1 10.8 32.3





#89

n-Butylbenzene

Concen: 3.93 ug/l

RT: 12.38 min Scan# 1934

Delta R.T. -0.02 min

Lab File: VX001434.D

Acq: 05 May 2018 22:22

Instrument :

MSVOA\_X

ClientSampleId :

VB16119

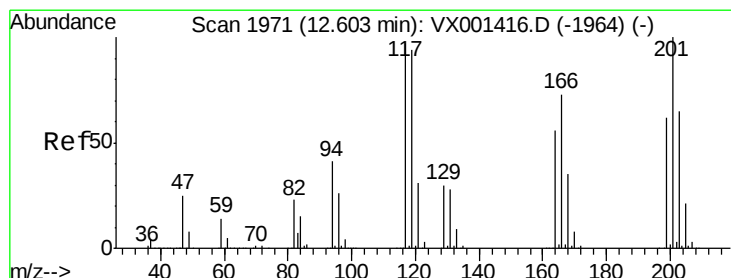
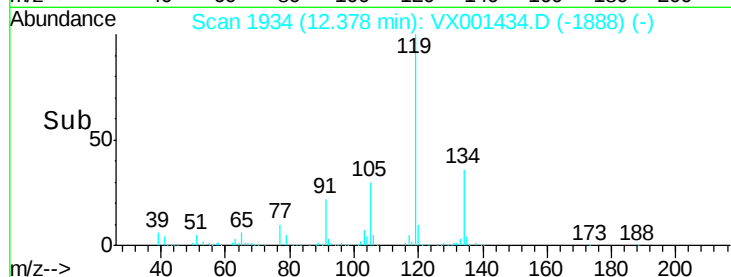
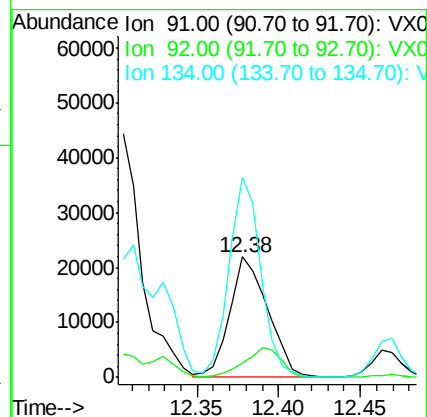
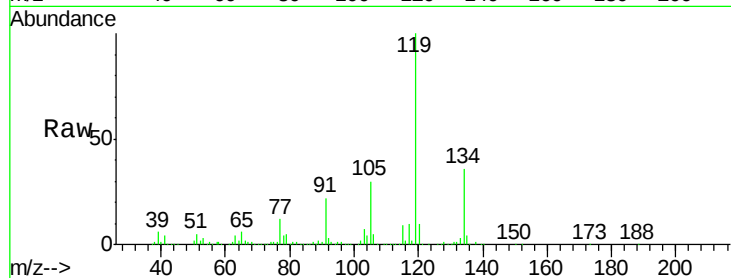
Tgt Ion: 91 Resp: 35127

Ion Ratio Lower Upper

91 100

92 24.7 27.2 81.5#

134 140.1 14.6 44.0#



#90

Hexachloroethane

Concen: 16.20 ug/l

RT: 12.68 min Scan# 1983

Delta R.T. 0.07 min

Lab File: VX001434.D

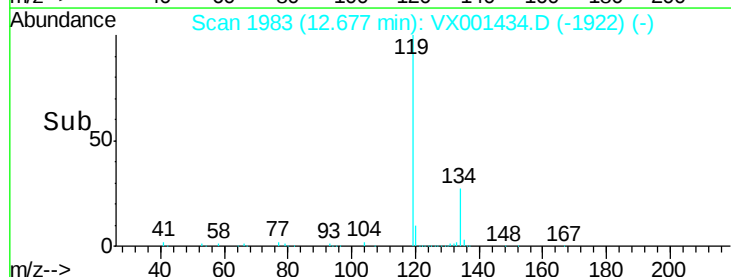
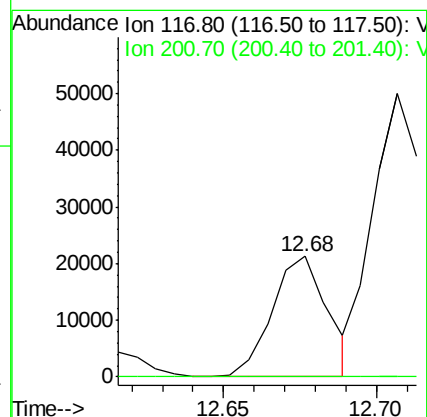
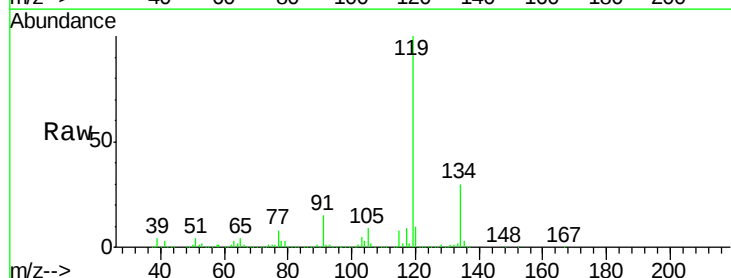
Acq: 05 May 2018 22:22

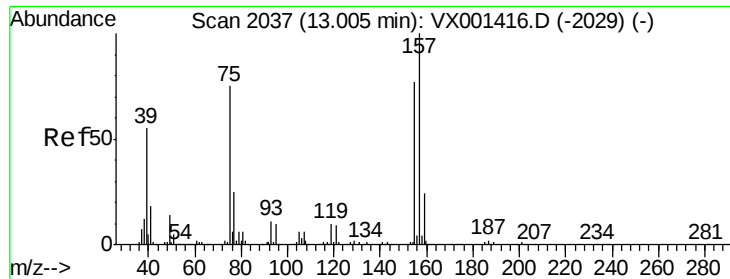
Tgt Ion: 117 Resp: 26337

Ion Ratio Lower Upper

117 100

201 0.0 51.5 154.5#

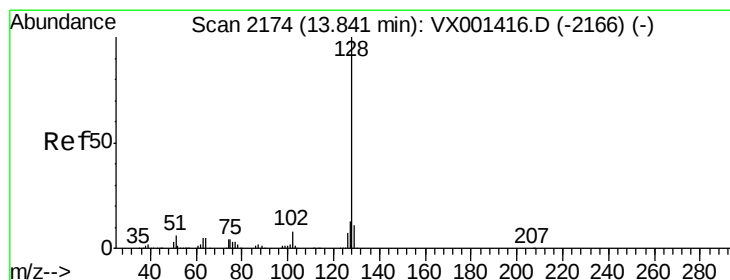
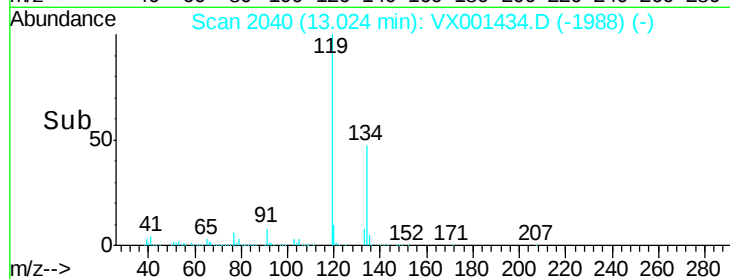
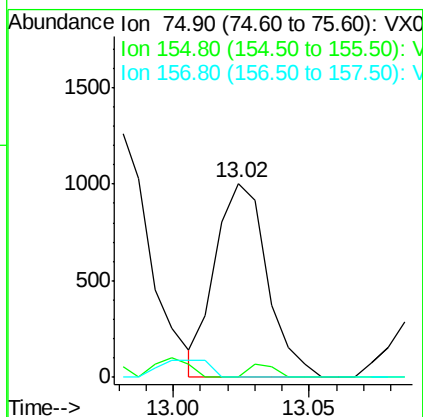
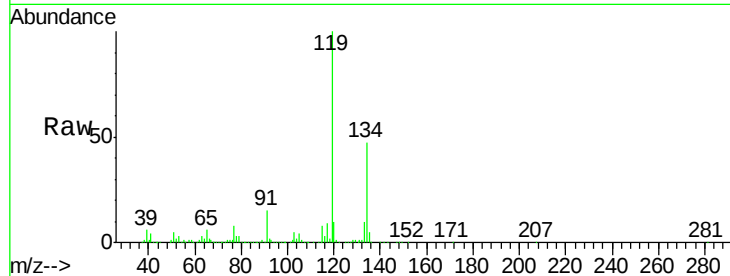




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.73 ug/l  
 RT: 13.02 min Scan# 2040  
 Delta R.T. 0.02 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB16119

Tgt Ion: 75 Resp: 1332  
 Ion Ratio Lower Upper  
 75 100  
 155 3.2 53.4 160.2#  
 157 0.0 68.3 204.8#



#95  
 Naphthalene  
 Concen: 2.60 ug/l  
 RT: 13.84 min Scan# 2174  
 Delta R.T. 0.00 min  
 Lab File: VX001434.D  
 Acq: 05 May 2018 22:22

Tgt Ion: 128 Resp: 32881  
 Ion Ratio Lower Upper  
 128 100  
 127 16.5 10.4 15.6#  
 129 20.3 8.7 13.1#

