

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\  
 Data File : VX003323.D  
 Acq On : 11 Jul 2018 16:49  
 Operator : JC/MD  
 Sample : J3911-03DL 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB21029DL

Quant Time: Jul 12 00:55:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 09 15:24:16 2018  
 Response via : Initial Calibration

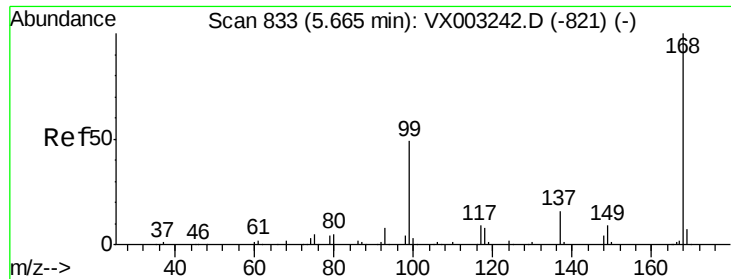
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 248823   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 370955   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 345909   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 186335   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 170180   | 43.46 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.92% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 140695   | 35.30 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 70.60% |          |
| 50) Toluene-d8              | 8.72  | 98   | 535798   | 37.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 75.70% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 180531   | 34.51 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 69.02% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.65  | 94   | 1668     | Below Cal | #      | 80     |
| 8) Diethyl Ether               | 2.18  | 74   | 541      | 0.29      | ug/l   | 75     |
| 10) Methyl Iodide              | 2.52  | 142  | 3729     | 6.63      | ug/l   | 93     |
| 11) Tert butyl alcohol         | 3.08  | 59   | 5510     | 7.76      | ug/l # | 92     |
| 13) Acrolein                   | 2.29  | 56   | 485      | 0.85      | ug/l # | 73     |
| 15) Acrylonitrile              | 3.16  | 53   | 913      | 0.58      | ug/l # | 74     |
| 16) Acetone                    | 2.45  | 43   | 64270    | 46.23     | ug/l   | 93     |
| 17) Carbon Disulfide           | 2.57  | 76   | 3297     | 0.42      | ug/l # | 89     |
| 20) Methylene Chloride         | 2.86  | 84   | 24130    | 7.87      | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 645      | 0.22      | ug/l # | 80     |
| 25) 2-Butanone                 | 4.71  | 43   | 29356    | 11.93     | ug/l   | 94     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 35052    | 21.95     | ug/l   | 96     |
| 30) Chloroform                 | 5.21  | 83   | 4912     | 0.81      | ug/l   | 88     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17360    | 3.31      | ug/l # | 50     |
| 37) Ethyl Acetate              | 4.71  | 43   | 29356    | 5.10      | ug/l # | 70     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 22540    | 3.92      | ug/l # | 16     |
| 41) Methacrylonitrile          | 5.17  | 41   | 21006    | 6.66      | ug/l # | 49     |
| 47) Bromodichloromethane       | 7.90  | 83   | 1315     | 0.26      | ug/l # | 84     |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 2475     | 0.44      | ug/l   | 99     |
| 52) Toluene                    | 8.79  | 92   | 533060   | 54.19     | ug/l   | 99     |
| 59) 2-Hexanone                 | 9.51  | 43   | 1698     | 0.40      | ug/l   | 97     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 89536    | 22.23     | ug/l # | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 89536    | 72.67     | ug/l # | 7      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 5218     | 0.42      | ug/l   | 86     |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 4732     | 0.36      | ug/l   | 87     |
| 95) Naphthalene                | 13.84 | 128  | 5716     | 0.38      | ug/l   | 99     |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleID :

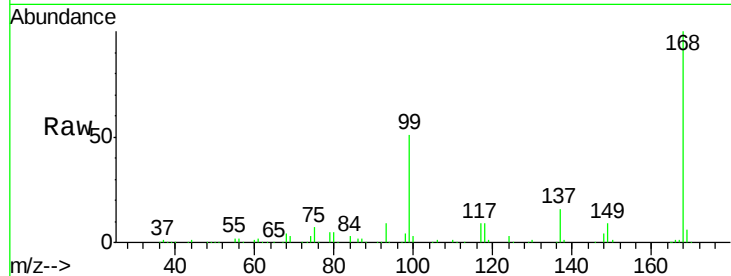
VB21029DL

Tot Ion:168 Resp: 248823

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

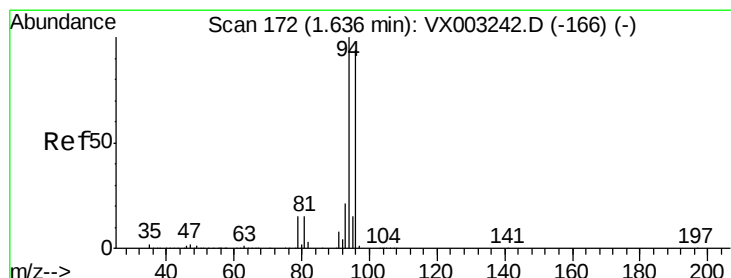
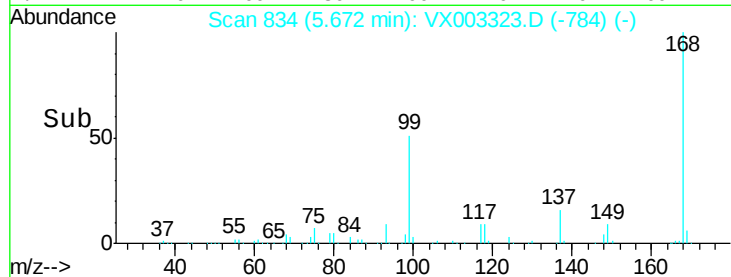
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003323.D

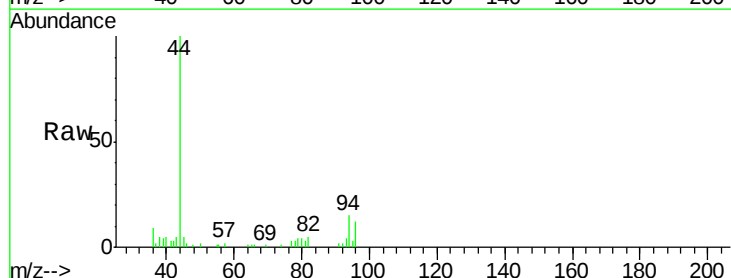
Acq: 11 Jul 2018 16:49

Tgt Ion: 94 Resp: 1668

Ion Ratio Lower Upper

94 100

96 74.3 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

800

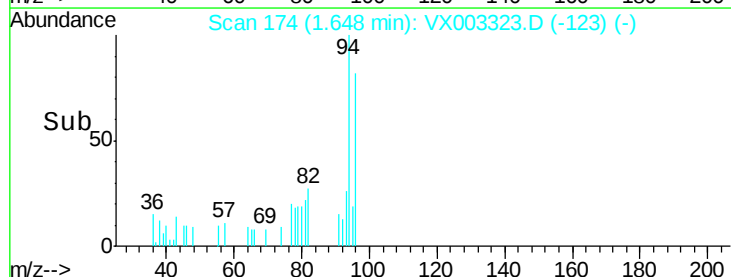
600

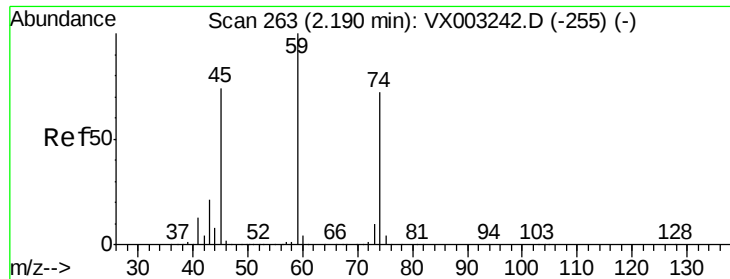
400

200

0

Time--> 1.55 1.60 1.65 1.70

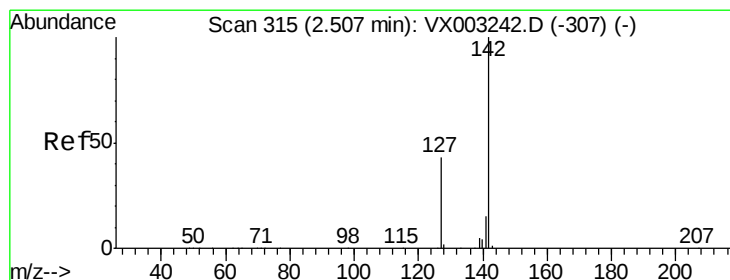
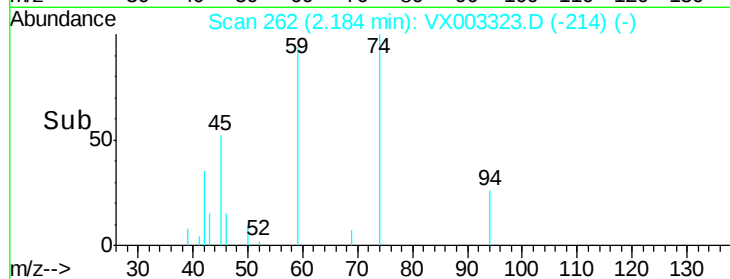
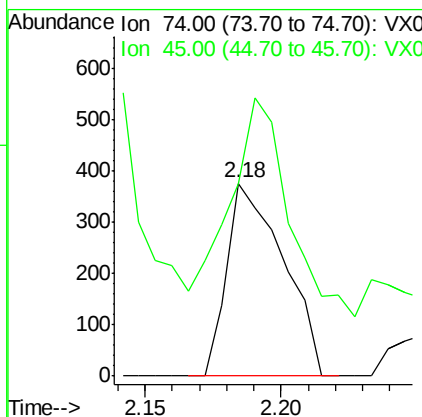
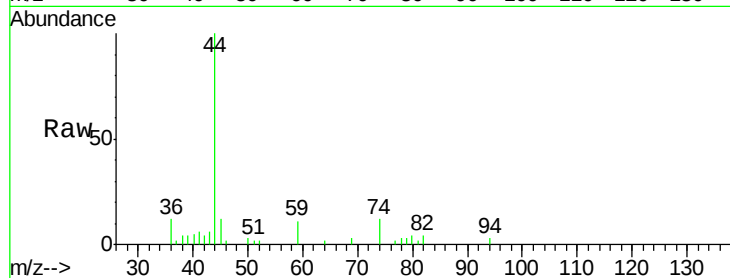




#8  
 Diethyl Ether  
 Concen: 0.29 ug/l  
 RT: 2.18 min Scan# 262  
 Delta R.T. -0.01 min  
 Lab File: VX003323.D  
 Acq: 11 Jul 2018 16:49

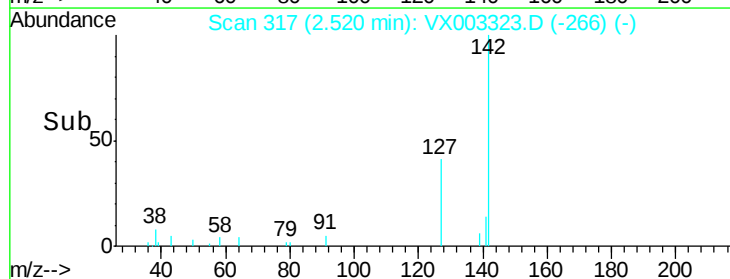
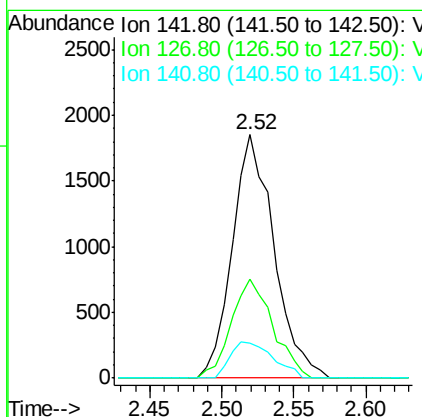
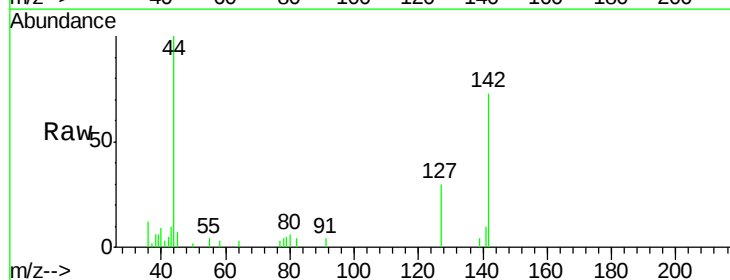
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VB21029DL

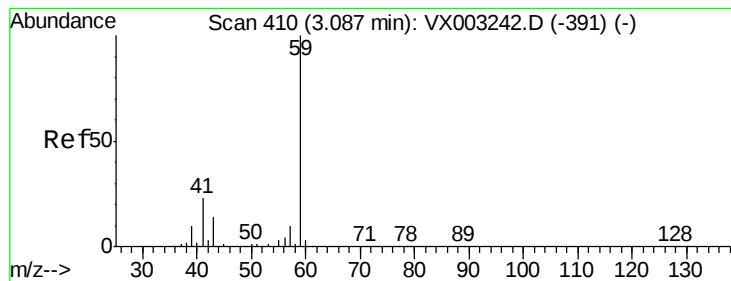
Tot Ion: 74 Resp: 541  
 Ion Ratio Lower Upper  
 74 100  
 45 131.8 53.1 159.4



#10  
 Methyl Iodide  
 Concen: 6.63 ug/l  
 RT: 2.52 min Scan# 317  
 Delta R.T. 0.01 min  
 Lab File: VX003323.D  
 Acq: 11 Jul 2018 16:49

Tgt Ion: 142 Resp: 3729  
 Ion Ratio Lower Upper  
 142 100  
 127 40.5 36.6 55.0  
 141 15.2 11.3 16.9



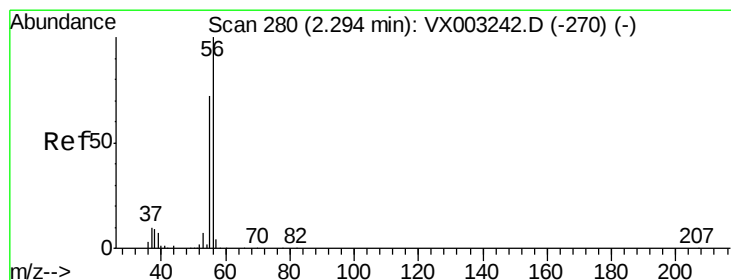
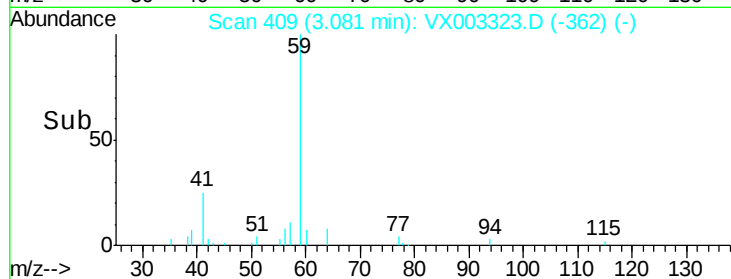
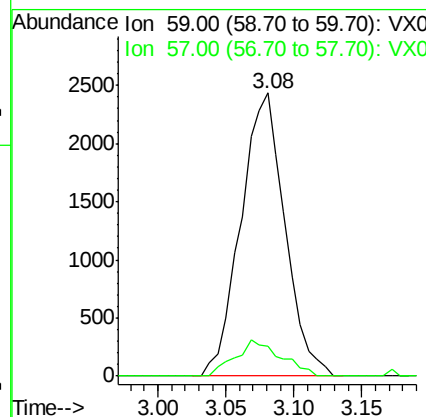
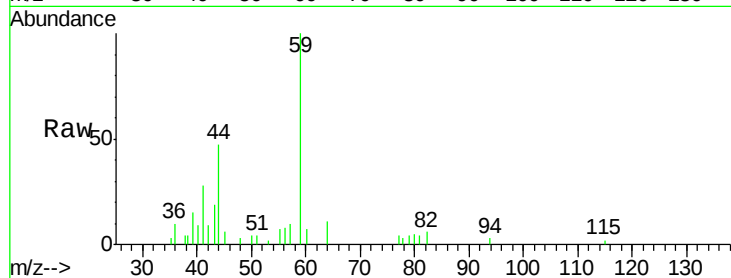


#11

Tert butyl alcohol  
 Concen: 7.76 ug/l  
 RT: 3.08 min Scan# 409  
 Delta R.T. -0.01 min  
 Lab File: VX003323.D  
 Acq: 11 Jul 2018 16:49

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VB21029DL

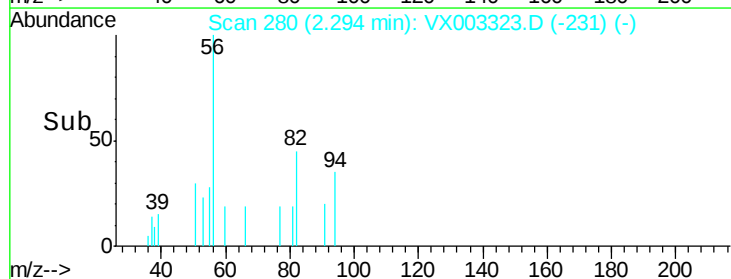
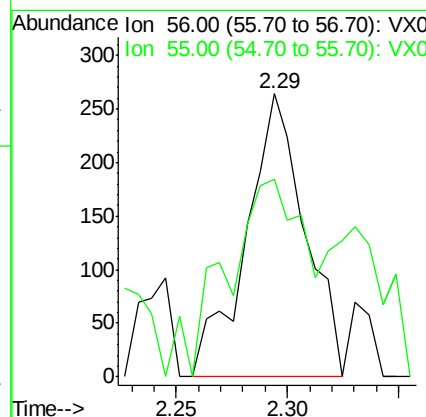
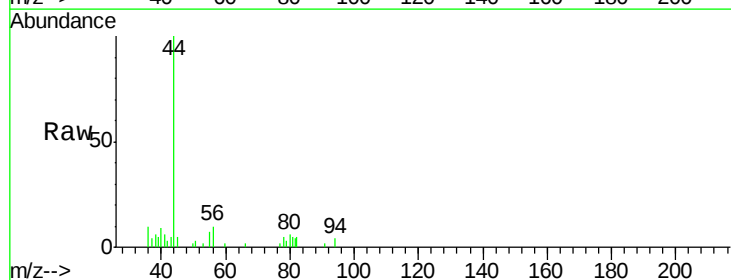
Tot Ion: 59 Resp: 5510  
 Ion Ratio Lower Upper  
 59 100  
 57 13.2 8.2 12.2#

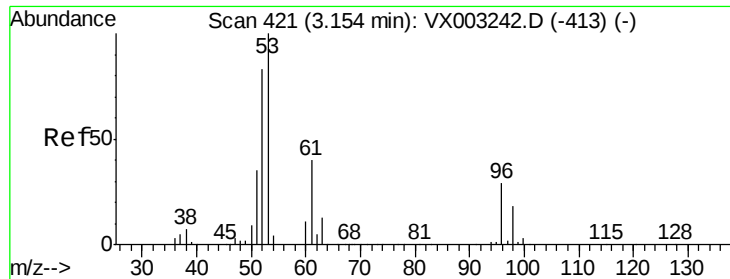


#13

Acrolein  
 Concen: 0.85 ug/l  
 RT: 2.29 min Scan# 280  
 Delta R.T. -0.00 min  
 Lab File: VX003323.D  
 Acq: 11 Jul 2018 16:49

Tgt Ion: 56 Resp: 485  
 Ion Ratio Lower Upper  
 56 100  
 55 93.4 57.0 85.4#





#15

Acrylonitrile

Concen: 0.58 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleId :

VB21029DL

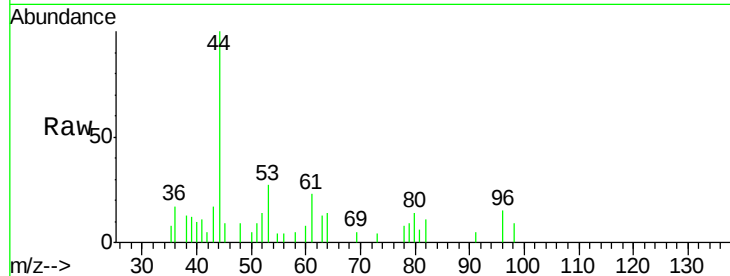
Tot Ion: 53 Resp: 913

Ion Ratio Lower Upper

53 100

52 74.7 66.7 100.1

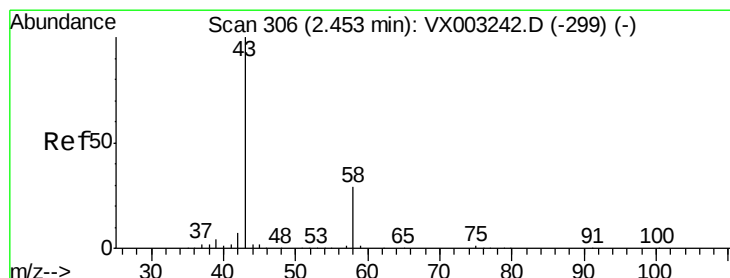
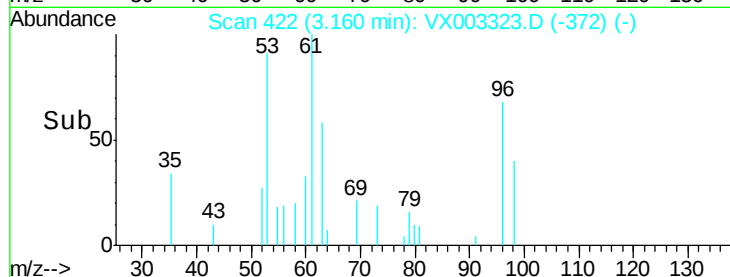
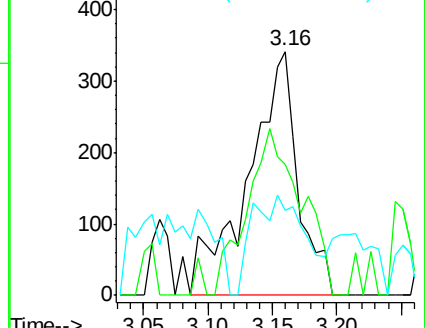
51 0.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 46.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003323.D

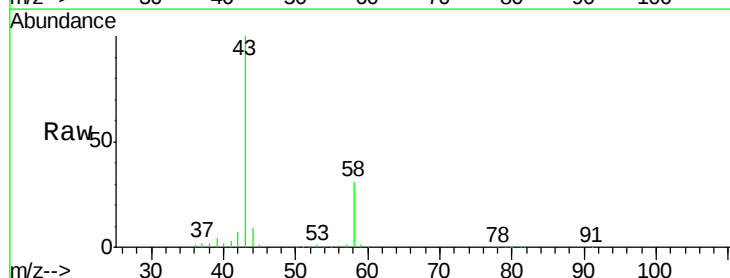
Acq: 11 Jul 2018 16:49

Tgt Ion: 43 Resp: 64270

Ion Ratio Lower Upper

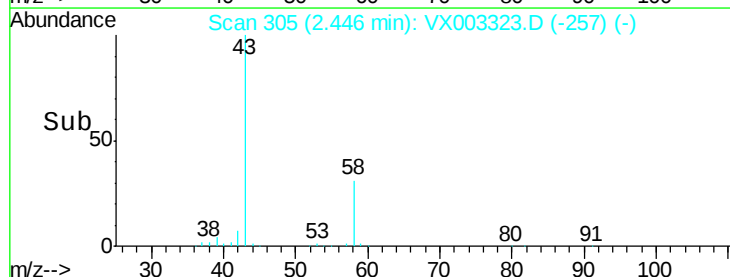
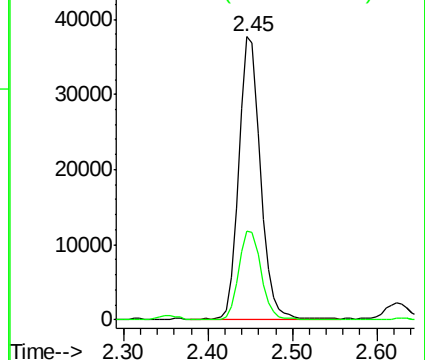
43 100

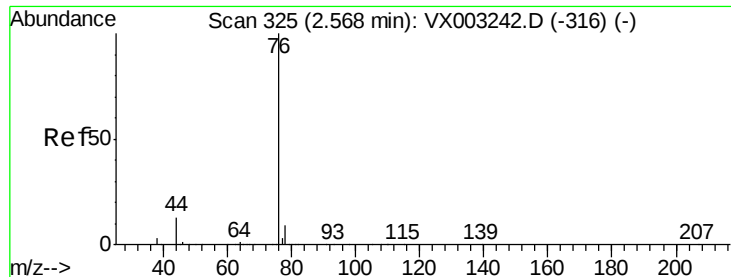
58 31.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

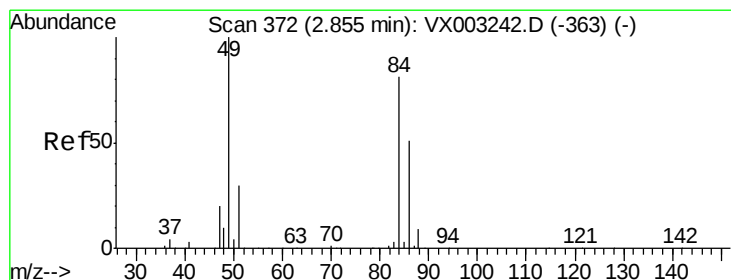
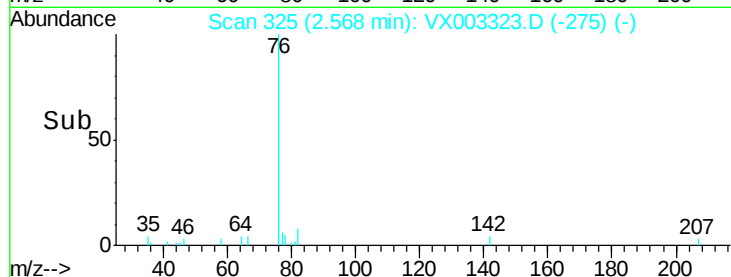
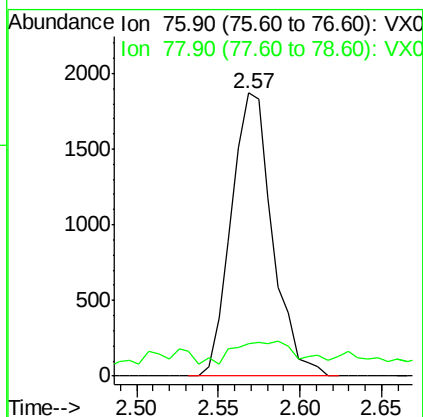
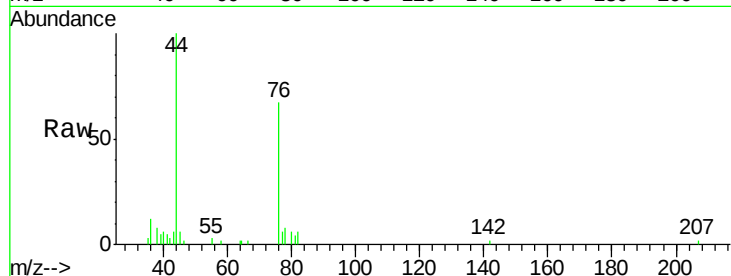




#17  
Carbon Disulfide  
Concen: 0.42 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.01 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

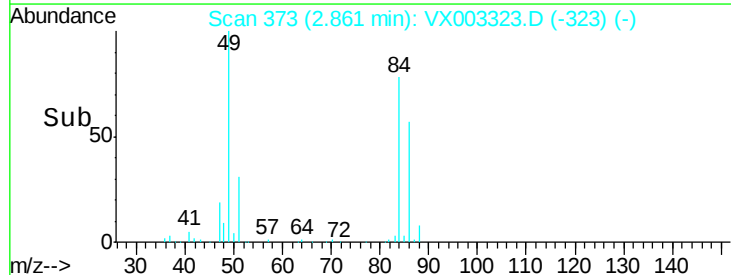
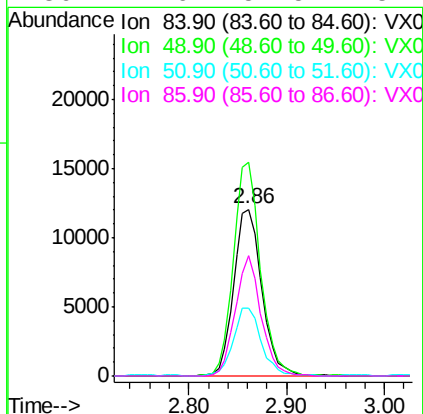
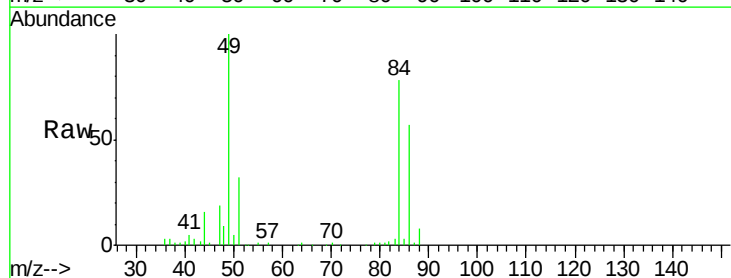
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB21029DL

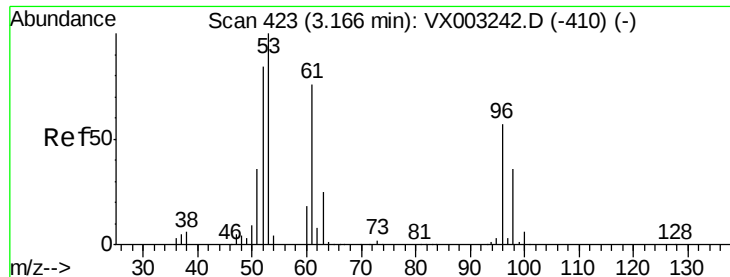
Tot Ion: 76 Resp: 3297  
Ion Ratio Lower Upper  
76 100  
78 4.8 6.9 10.3#



#20  
Methylene Chloride  
Concen: 7.87 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Tgt Ion: 84 Resp: 24130  
Ion Ratio Lower Upper  
84 100  
49 128.3 107.8 161.6  
51 41.0 32.8 49.2  
86 72.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampled :

VB21029DL

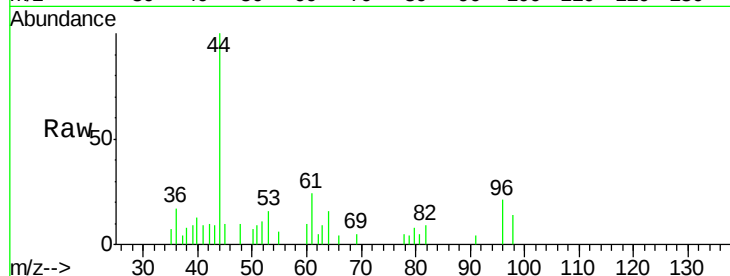
Tot Ion: 96 Resp: 645

Ion Ratio Lower Upper

96 100

61 111.5 117.0 175.4#

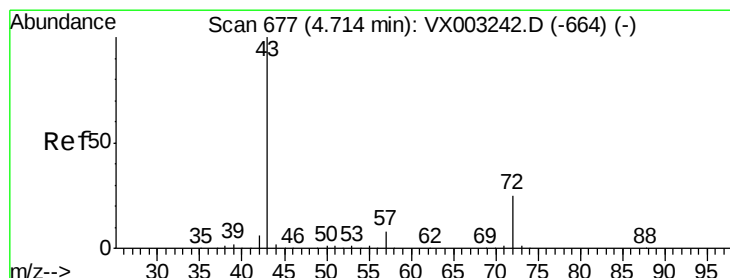
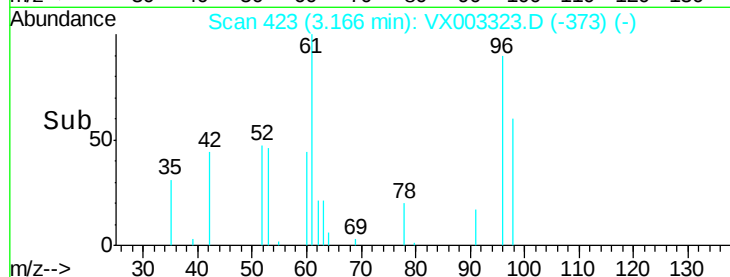
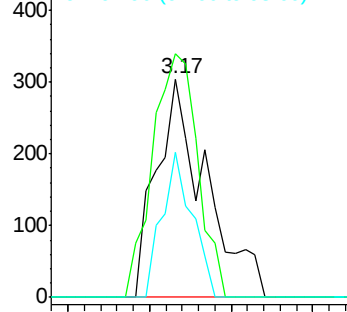
98 66.8 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 11.93 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003323.D

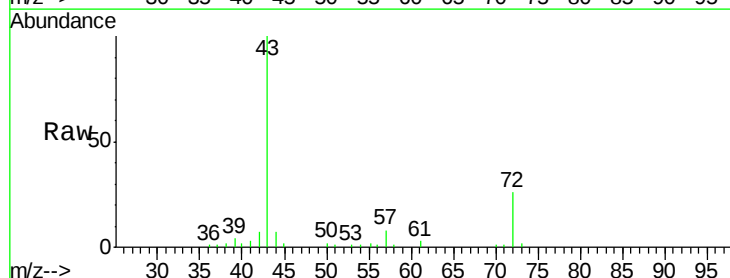
Acq: 11 Jul 2018 16:49

Tgt Ion: 43 Resp: 29356

Ion Ratio Lower Upper

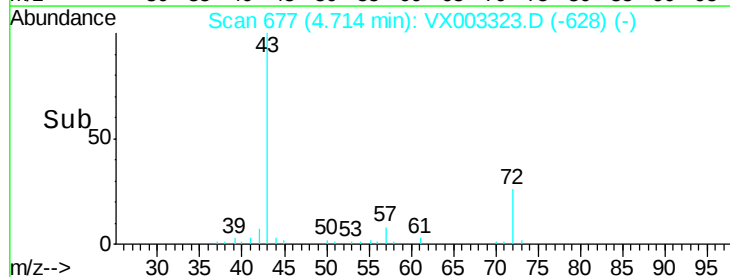
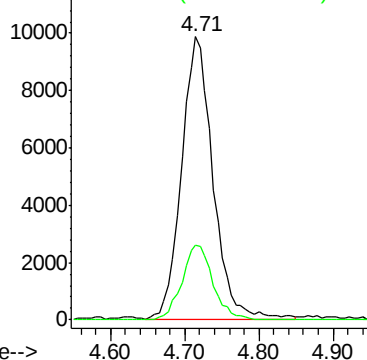
43 100

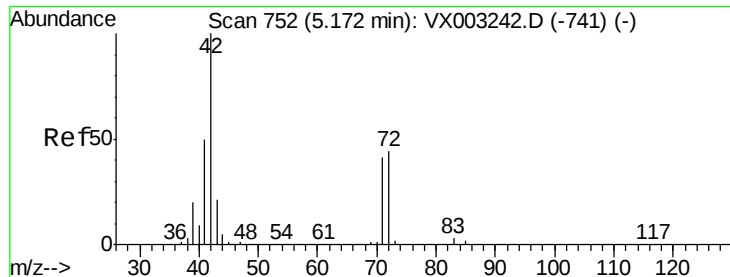
72 26.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

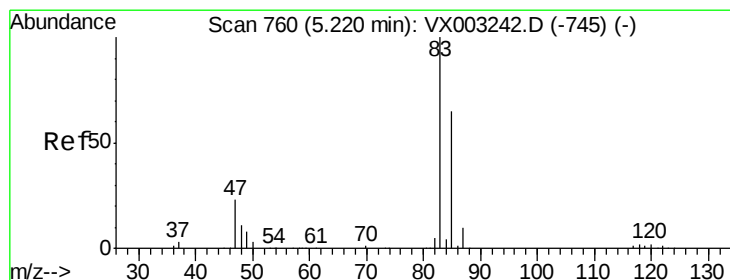
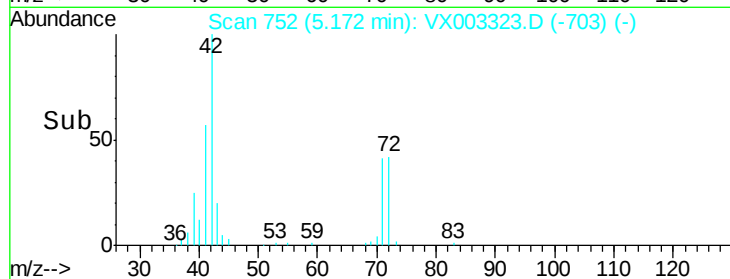
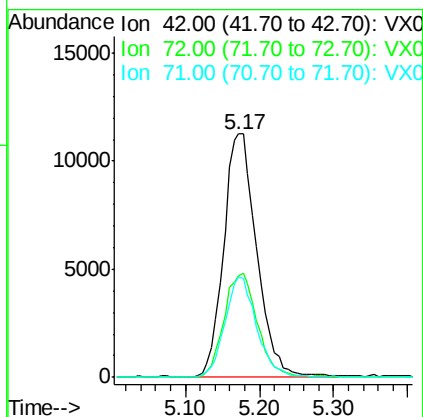
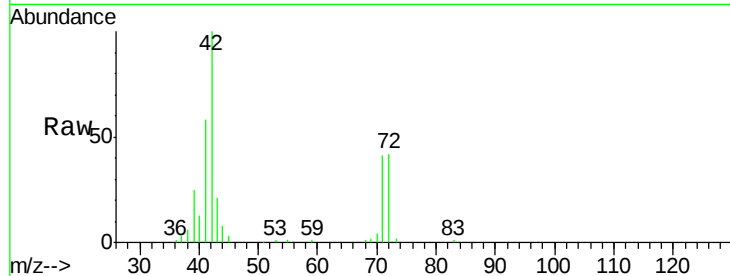




#29  
Tetrahydrofuran  
Concen: 21.95 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

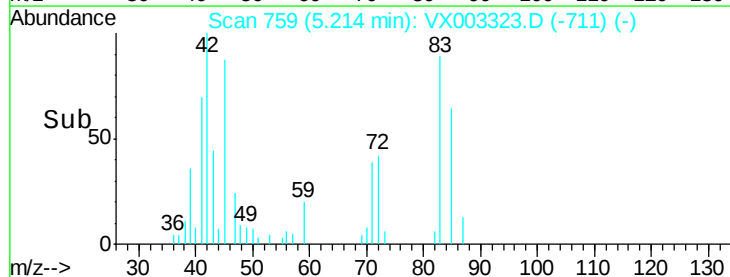
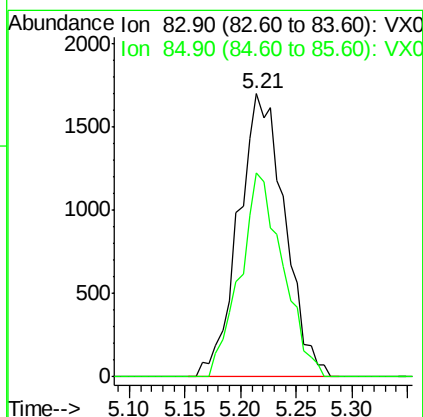
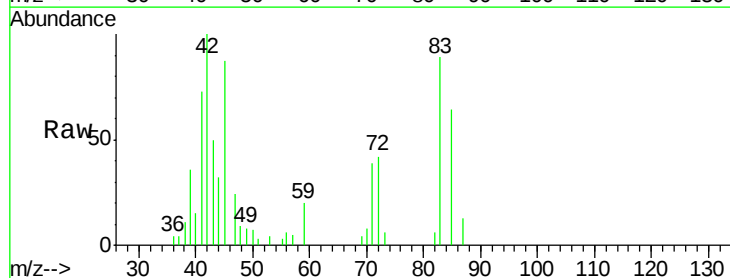
Instrument :  
MSVOA\_X  
ClientSampled :  
VB21029DL

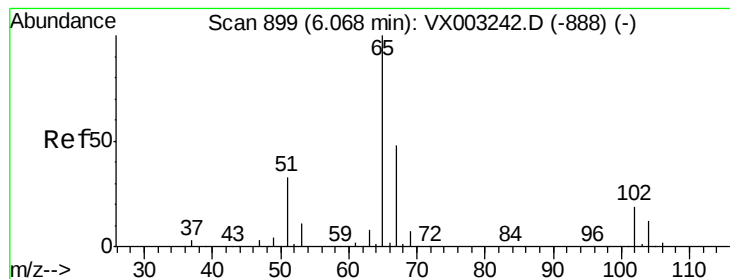
Tot Ion: 42 Resp: 35052  
Ion Ratio Lower Upper  
42 100  
72 42.9 32.0 48.0  
71 39.3 30.1 45.1



#30  
Chloroform  
Concen: 0.81 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Tgt Ion: 83 Resp: 4912  
Ion Ratio Lower Upper  
83 100  
85 72.0 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 43.46 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleId :

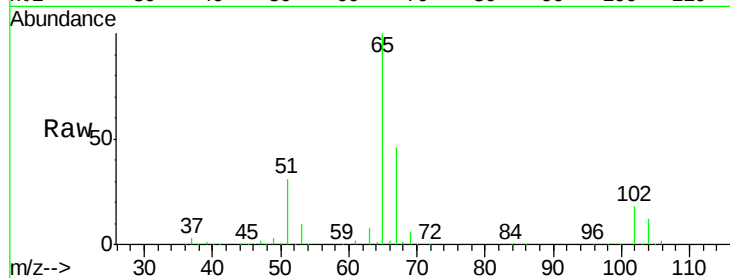
VB21029DL

Tot Ion: 65 Resp: 170180

Ion Ratio Lower Upper

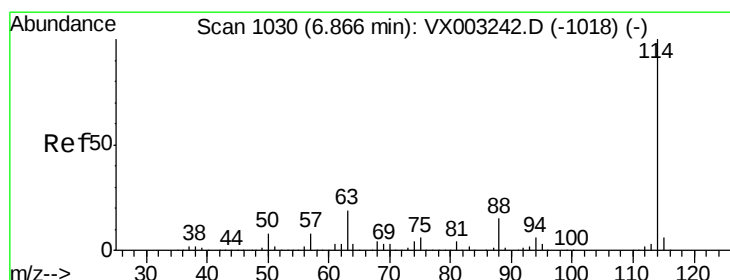
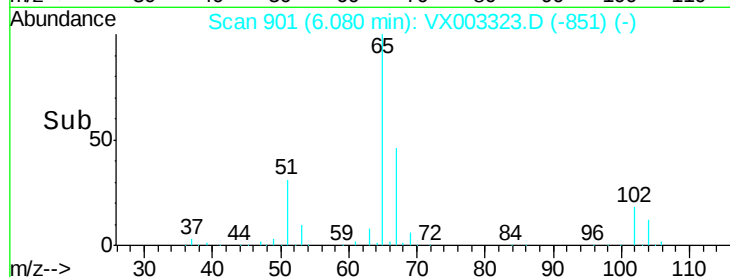
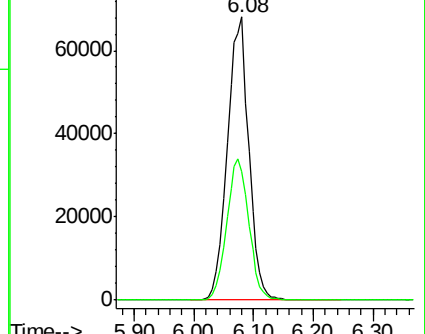
65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

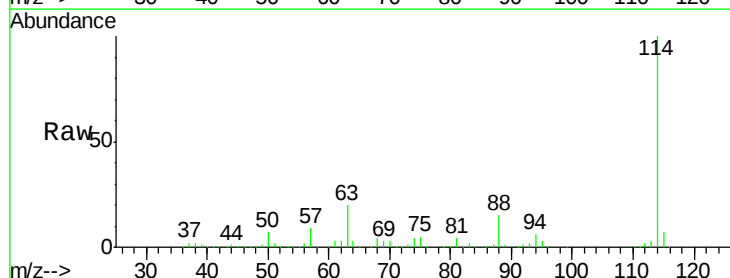
Tgt Ion: 114 Resp: 370955

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

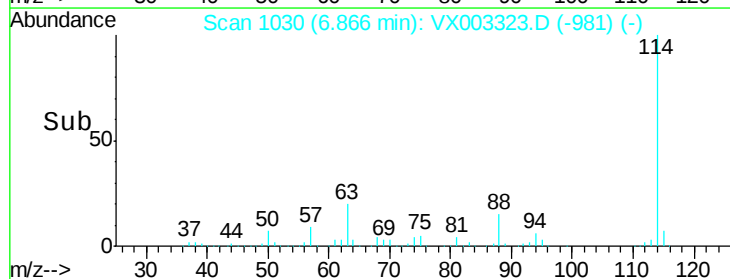
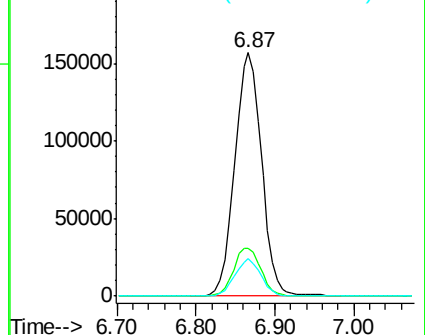
88 15.4 0.0 30.0

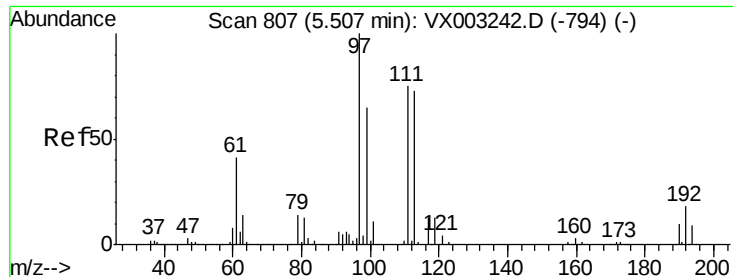


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 35.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleId :

VB21029DL

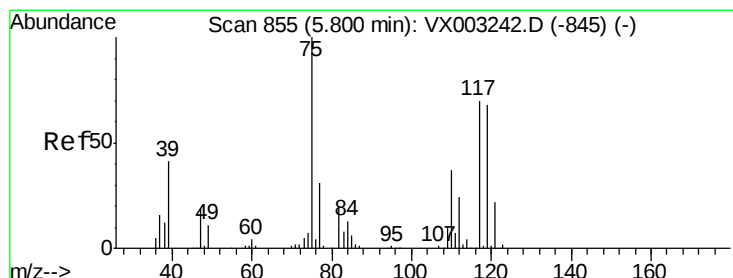
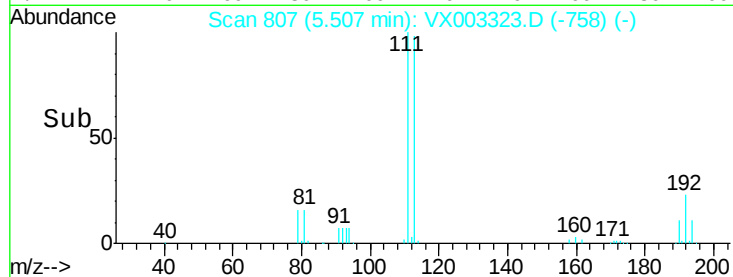
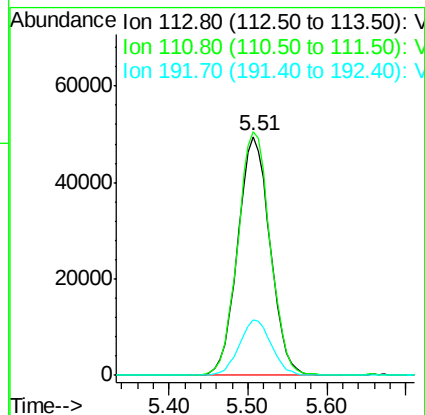
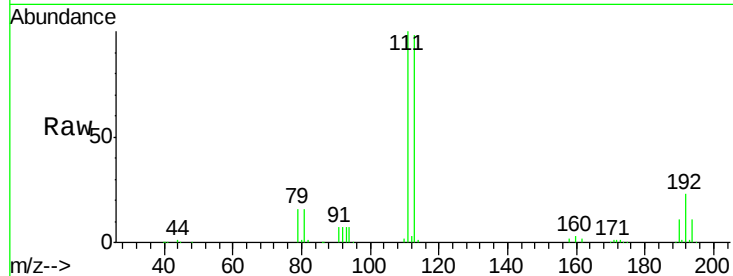
Tot Ion:113 Resp: 140695

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 23.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 3.31 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

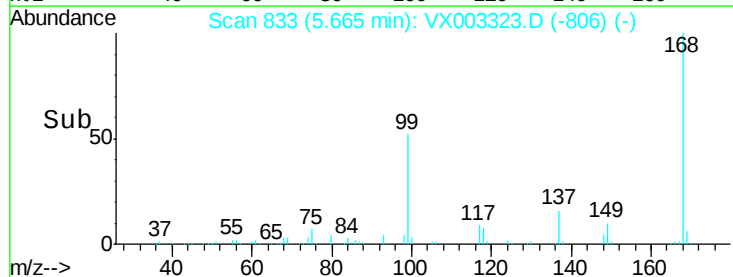
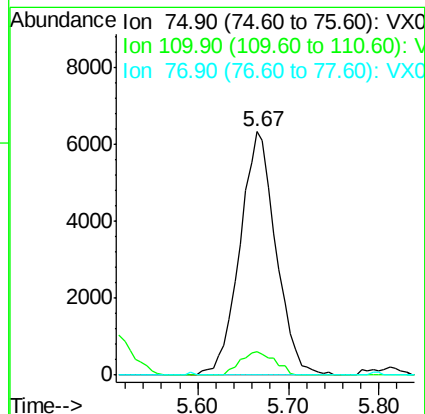
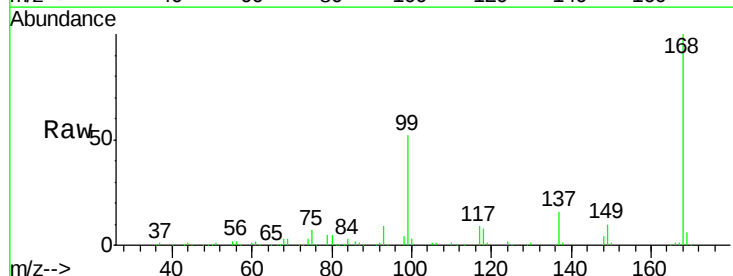
Tgt Ion: 75 Resp: 17360

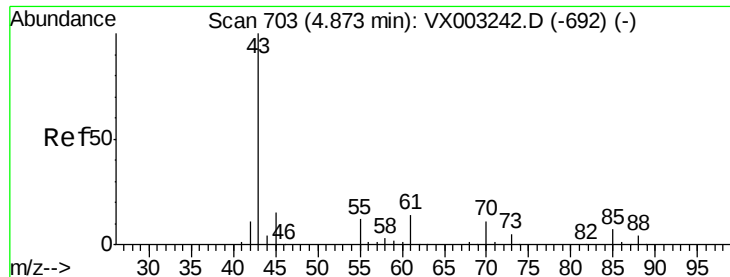
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 5.10 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.16 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleID :

VB21029DL

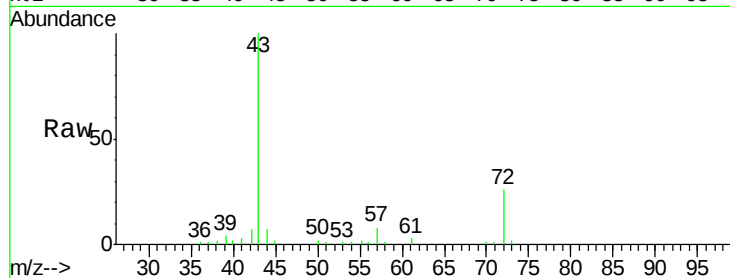
Tot Ion: 43 Resp: 29356

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

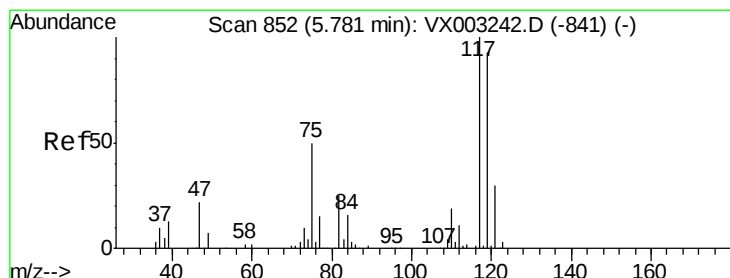
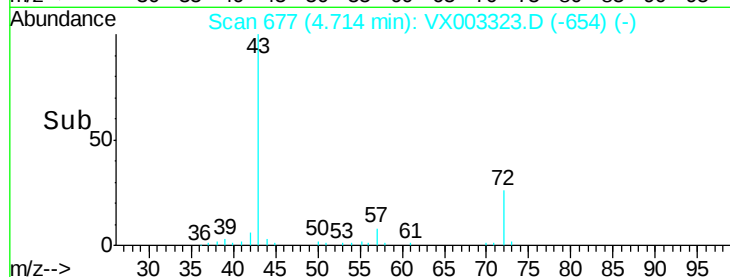
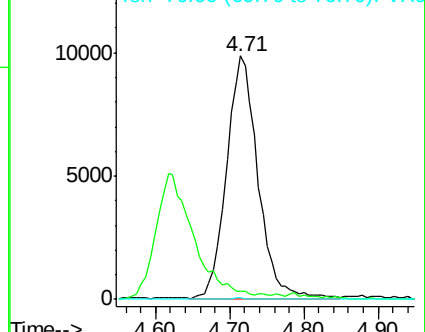
70 0.2 7.6 11.4#



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: 3.92 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.11 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

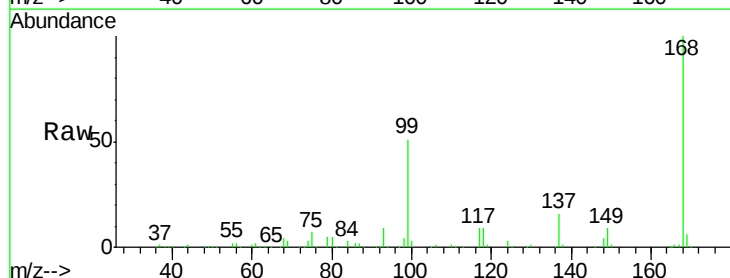
Tgt Ion: 117 Resp: 22540

Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.0#

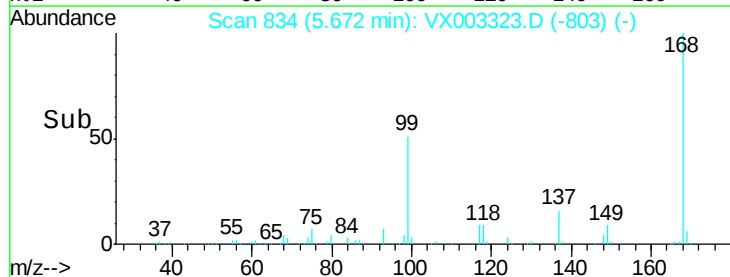
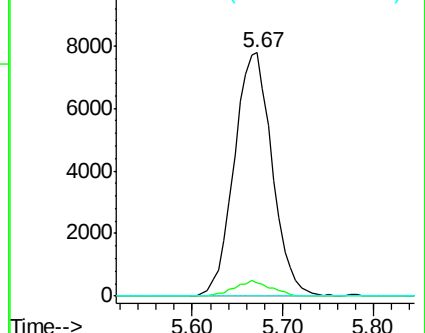
121 0.0 24.4 36.6#

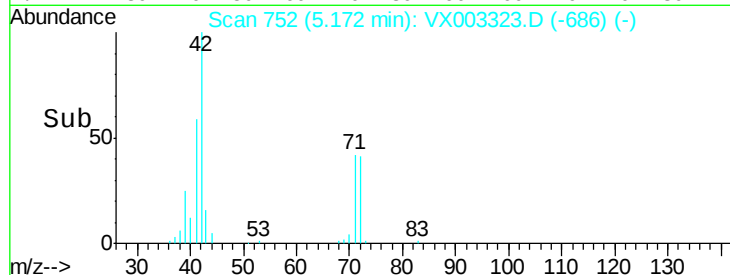
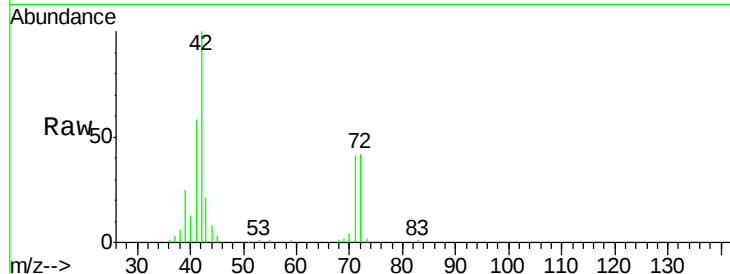
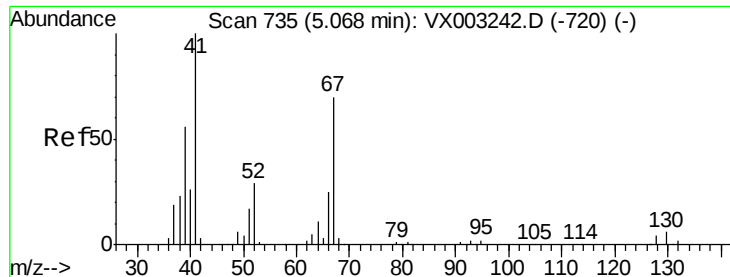


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

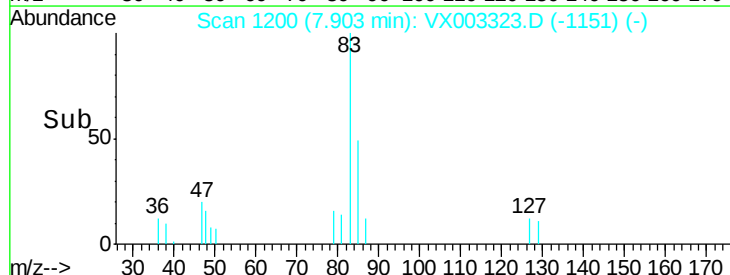
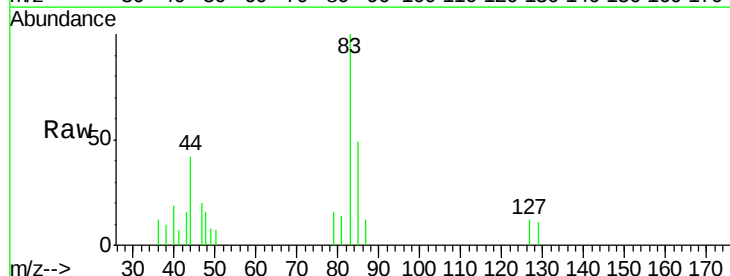
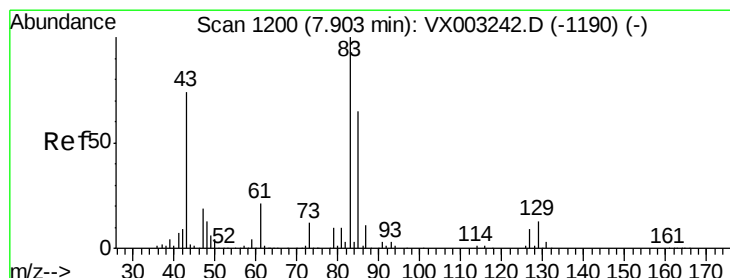
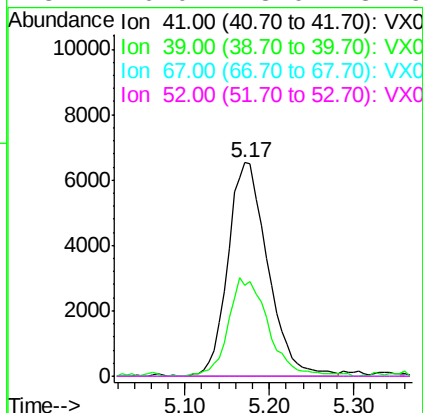




#41  
Methacrylonitrile  
Concen: 6.66 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.10 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

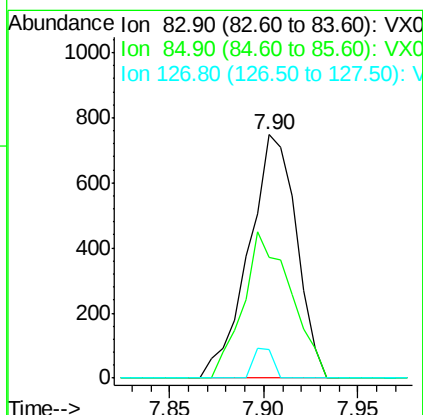
Instrument :  
MSVOA\_X  
ClientSampleID :  
VB21029DL

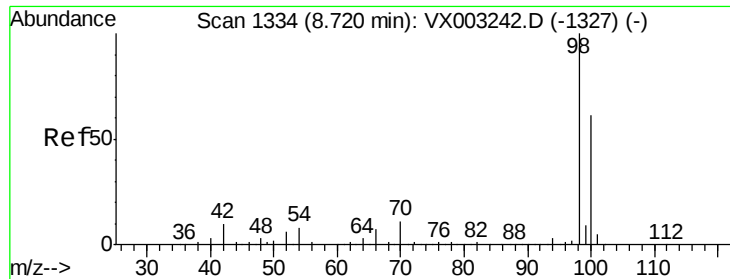
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 46.3  | 45.8  | 68.6  |
| 67      | 0.0   | 51.3  | 76.9# |
| 52      | 0.0   | 23.0  | 34.6# |



#47  
Bromodichloromethane  
Concen: 0.26 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 49.5  | 50.3  | 75.5# |
| 127     | 11.9  | 7.0   | 10.4# |





#50

Toluene-d8

Concen: 37.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleId :

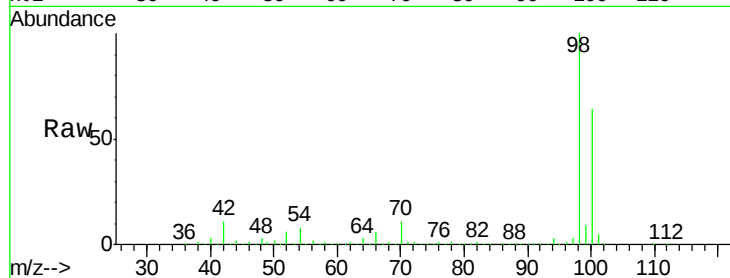
VB21029DL

Tot Ion: 98 Resp: 535798

Ion Ratio Lower Upper

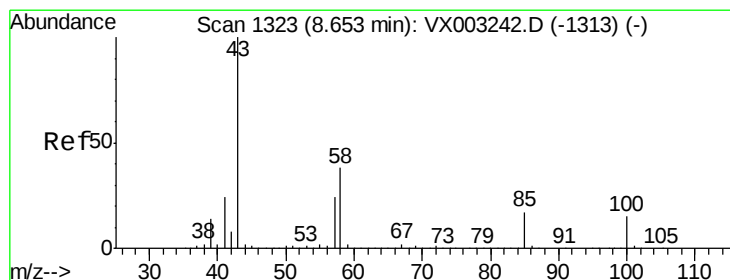
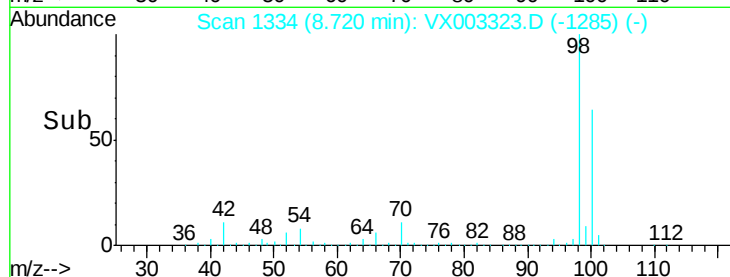
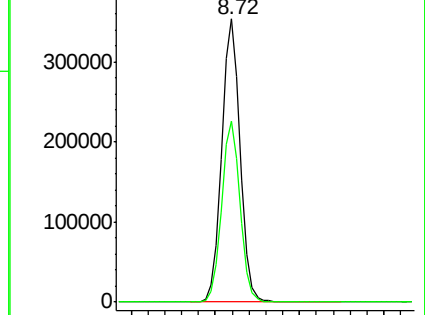
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.44 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003323.D

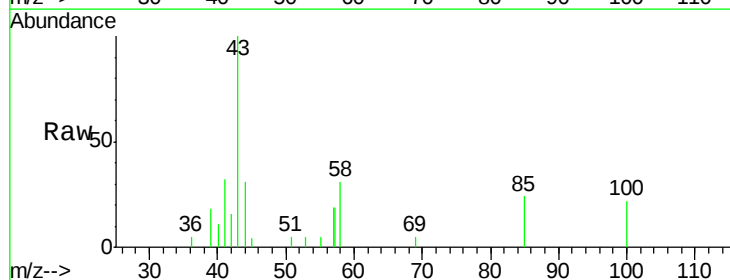
Acq: 11 Jul 2018 16:49

Tgt Ion: 43 Resp: 2475

Ion Ratio Lower Upper

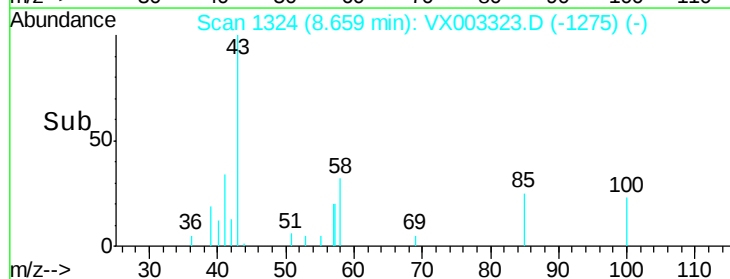
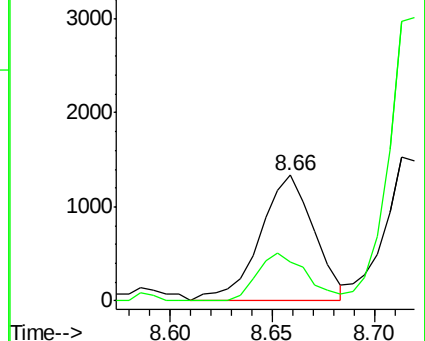
43 100

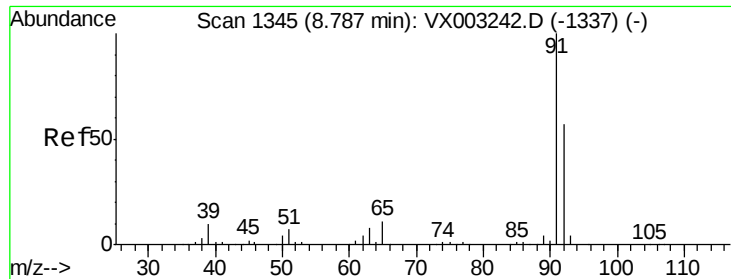
58 35.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 54.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleID :

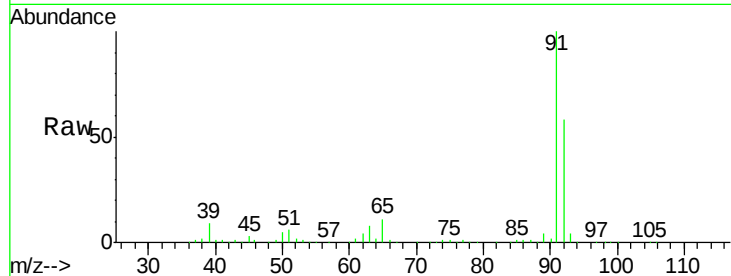
VB21029DL

Tot Ion: 92 Resp: 533060

Ion Ratio Lower Upper

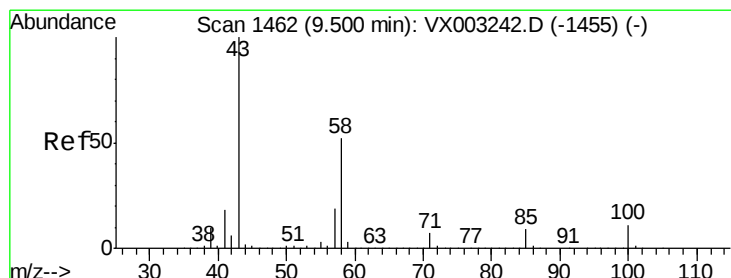
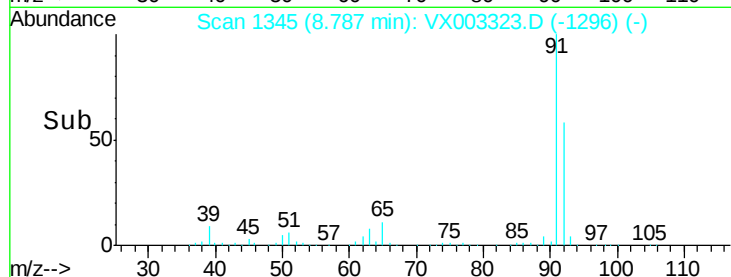
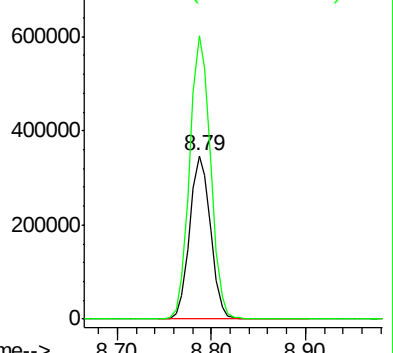
92 100

91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.40 ug/l

RT: 9.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VX003323.D

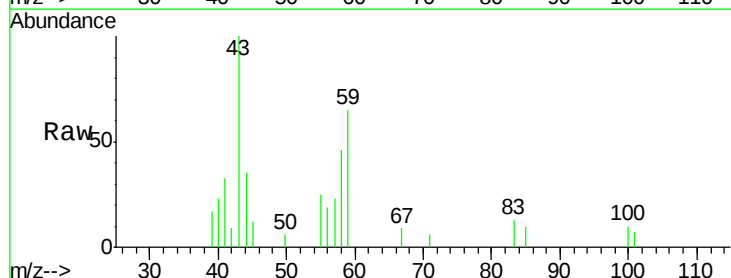
Acq: 11 Jul 2018 16:49

Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

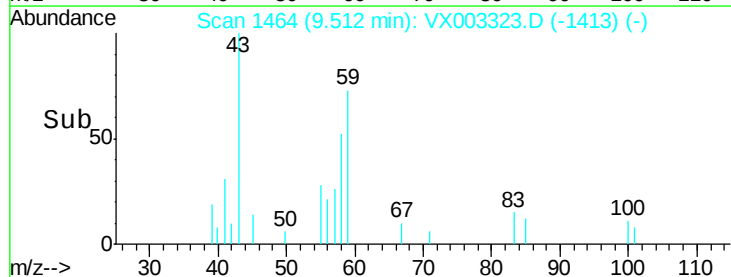
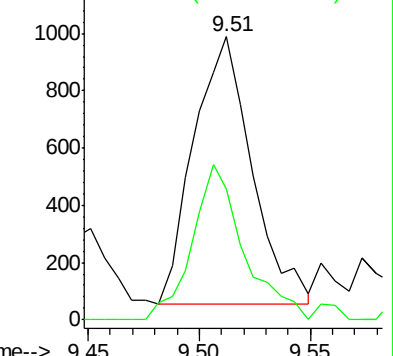
43 100

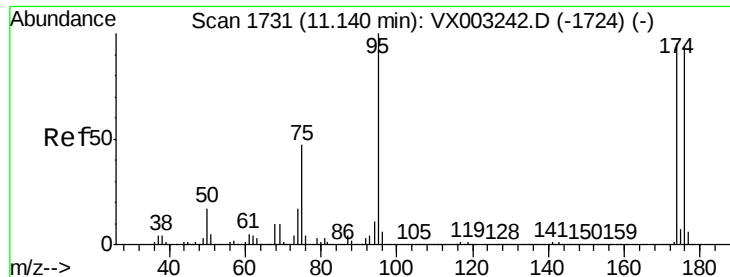
58 51.1 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

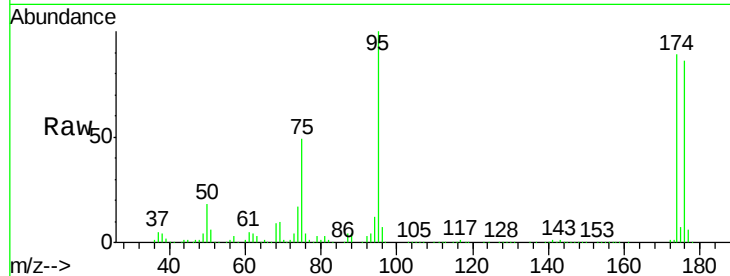




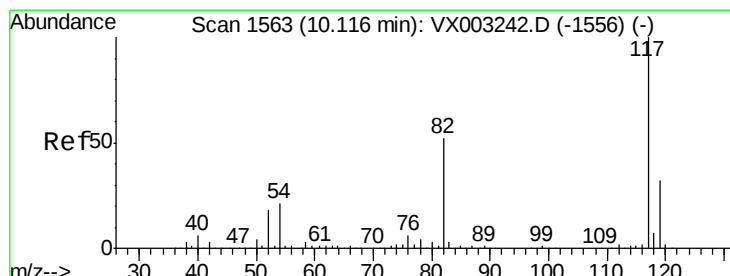
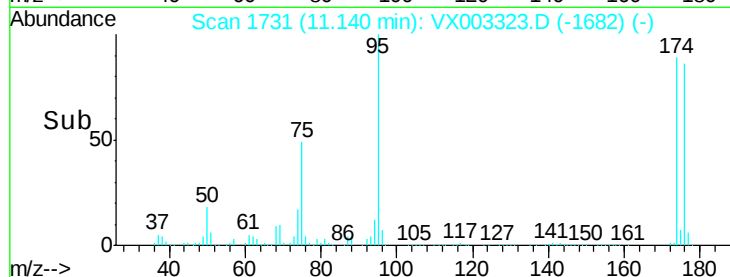
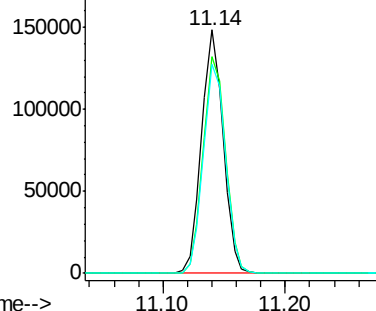
#62  
4-Bromofluorobenzene  
Concen: 34.51 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VB21029DL

Tot Ion: 95 Resp: 180531  
Ion Ratio Lower Upper  
95 100  
174 92.5 0.0 187.4  
176 88.9 0.0 181.0

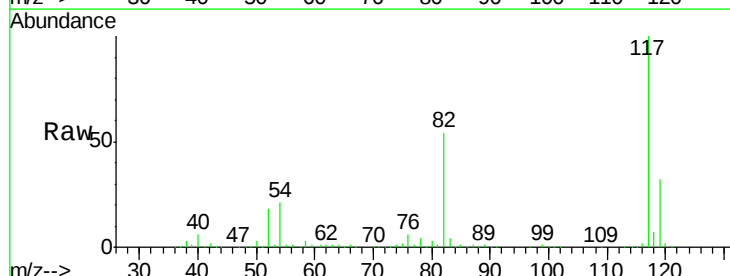


Abundance Ion 94.90 (94.60 to 95.60): VX0  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V

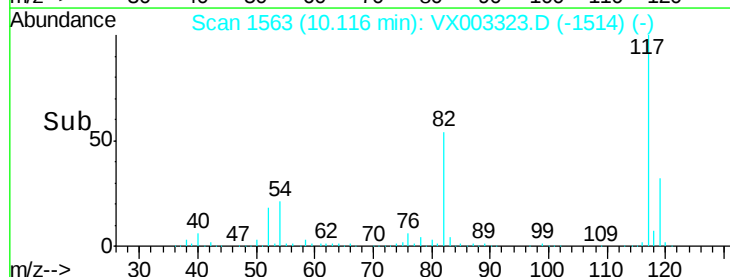
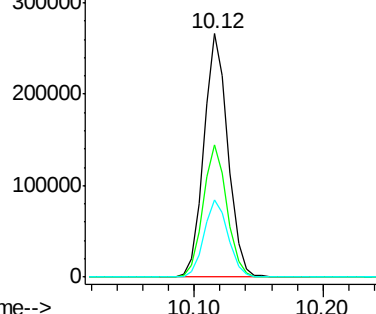


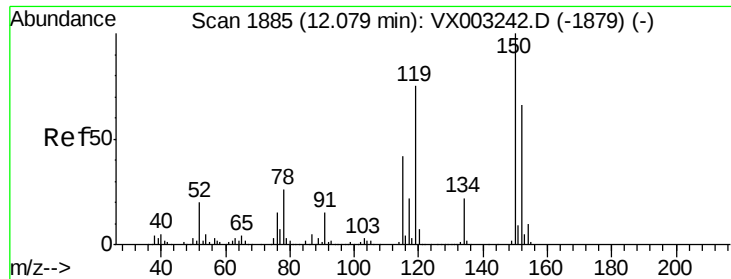
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Tgt Ion: 117 Resp: 345909  
Ion Ratio Lower Upper  
117 100  
82 54.3 45.0 67.4  
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampled :

VB21029DL

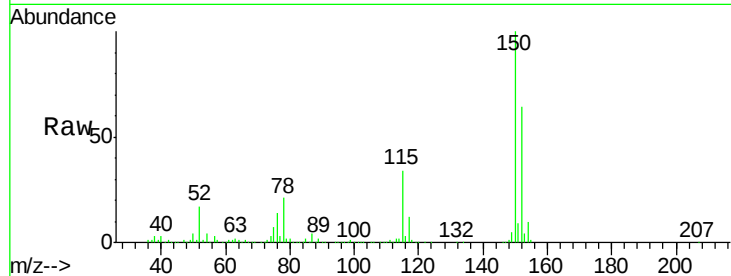
Tot Ion:152 Resp: 186335

Ion Ratio Lower Upper

152 100

115 55.8 40.1 120.2

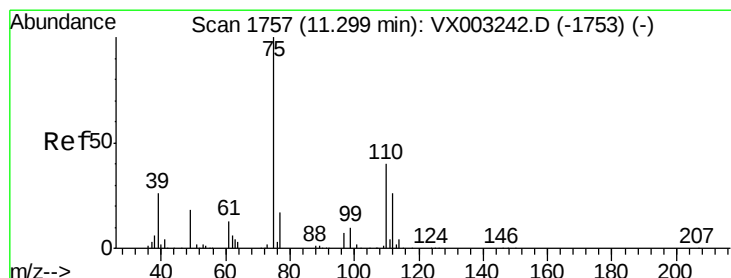
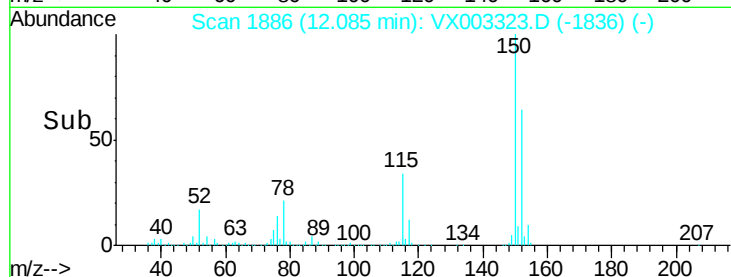
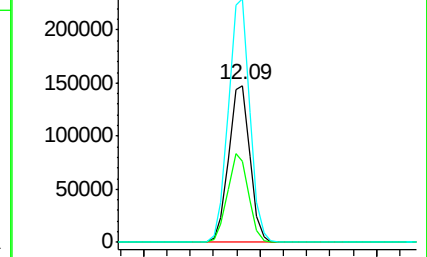
150 156.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003323.D

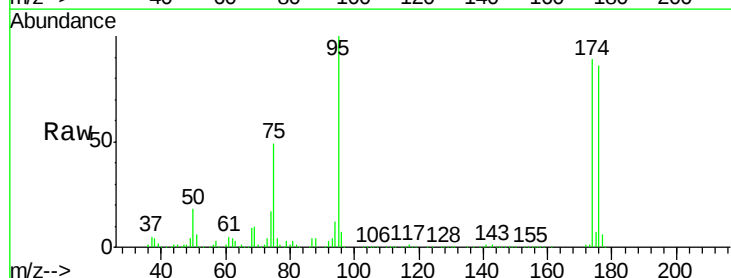
Acq: 11 Jul 2018 16:49

Tgt Ion: 75 Resp: 89536

Ion Ratio Lower Upper

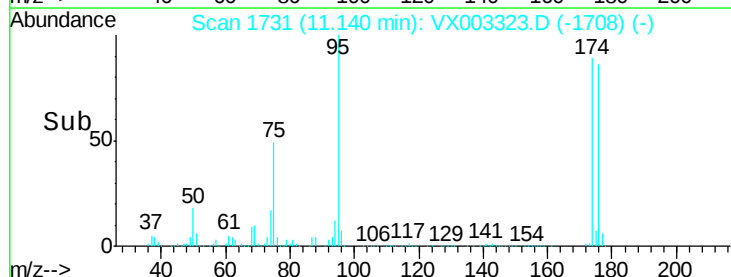
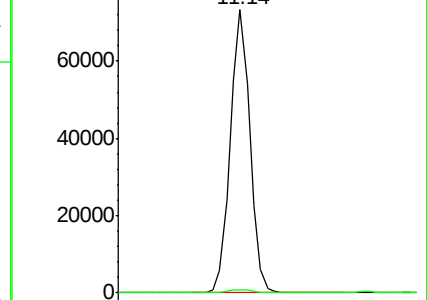
75 100

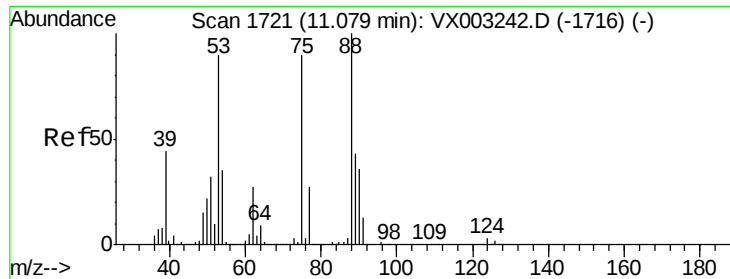
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA\_X

ClientSampleID :

VB21029DL

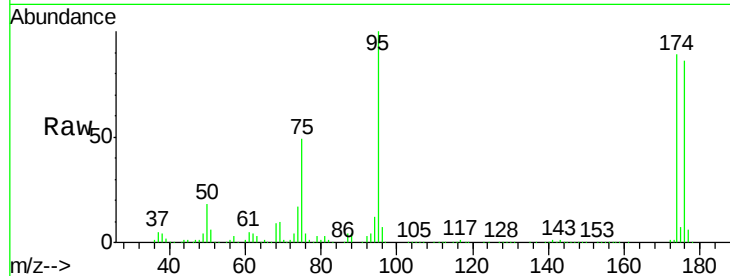
Tot Ion: 75 Resp: 89536

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

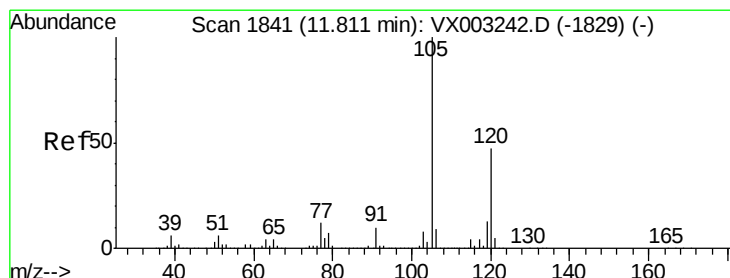
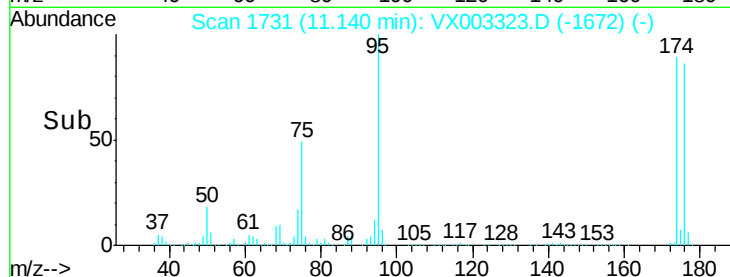
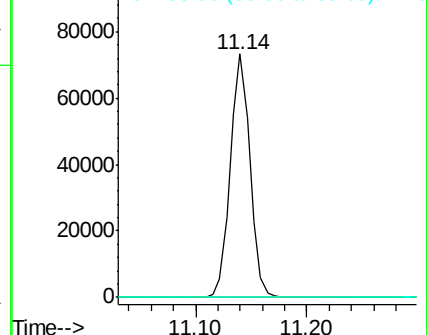
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.42 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003323.D

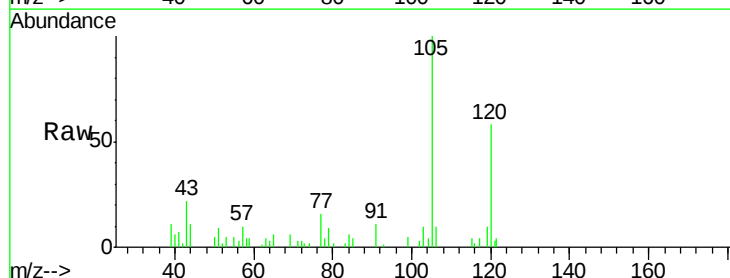
Acq: 11 Jul 2018 16:49

Tgt Ion: 105 Resp: 5218

Ion Ratio Lower Upper

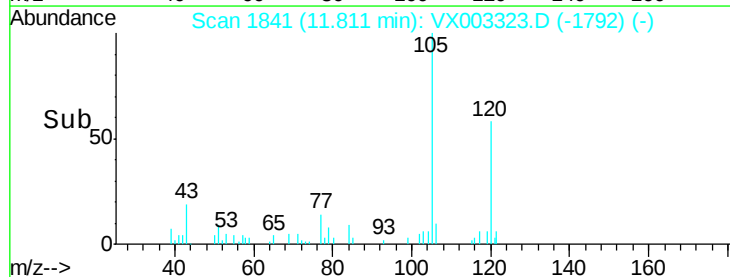
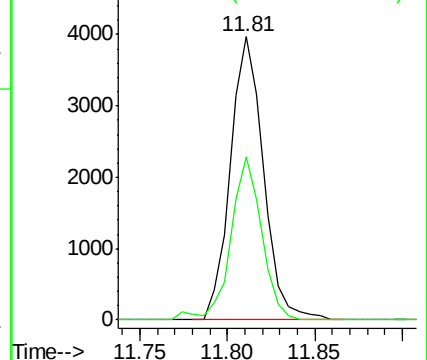
105 100

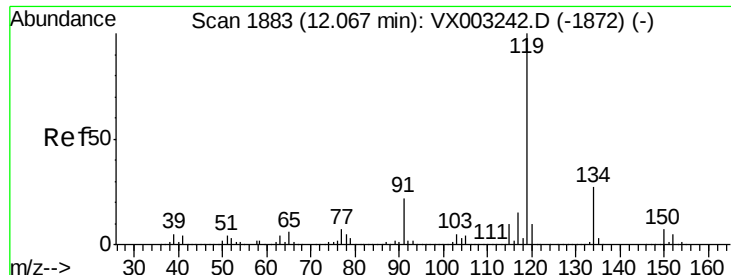
120 53.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

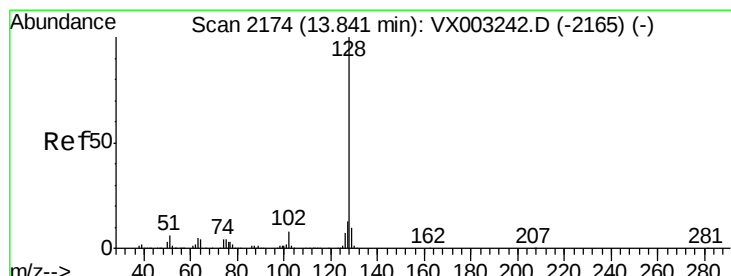
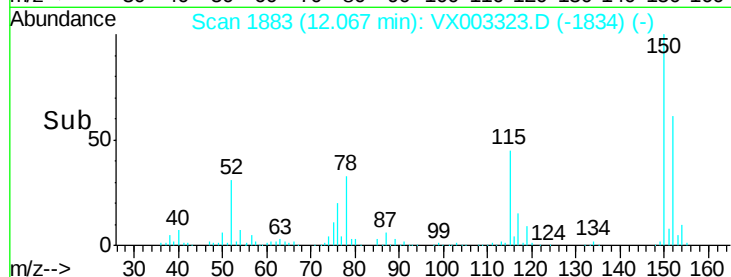
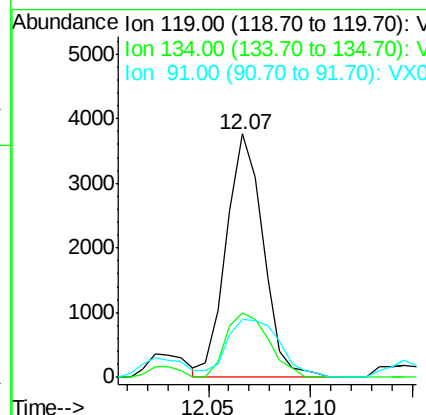
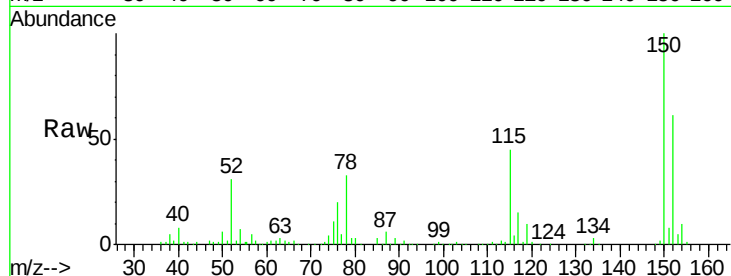




#86  
p-Isopropyltoluene  
Concen: 0.36 ug/l  
RT: 12.07 min Scan# 1883  
Delta R.T. -0.00 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Instrument :  
MSVOA\_X  
ClientSampleID :  
VB21029DL

Tot Ion:119 Resp: 4732  
Ion Ratio Lower Upper  
119 100  
134 30.3 13.4 40.1  
91 33.7 11.9 35.7



#95  
Naphthalene  
Concen: 0.38 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.01 min  
Lab File: VX003323.D  
Acq: 11 Jul 2018 16:49

Tgt Ion:128 Resp: 5716  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.4 15.6  
129 11.5 8.6 13.0

