

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\  
 Data File : VX002493.D  
 Acq On : 13 Jun 2018 03:58  
 Operator : JC/MD  
 Sample : J3247-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 13 07:19:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 199647   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 292885   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 271011   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 141364   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 147580   | 51.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.64% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 109980   | 47.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.50%  |          |
| 50) Toluene-d8              | 8.72  | 98   | 428933   | 48.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.18%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 143150   | 42.05 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.10%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 1.33  | 50   | 521      | Below Cal |       | 94     |
| 5) Bromomethane                | 1.66  | 94   | 992      | Below Cal |       | 90     |
| 6) Chloroethane                | 1.71  | 64   | 407      | 0.24      | ug/l  | 93     |
| 8) Diethyl Ether               | 2.20  | 74   | 428      | Below Cal |       | 84     |
| 10) Methyl Iodide              | 2.53  | 142  | 879      | 0.29      | ug/l  | 97     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 1213     | Below Cal |       | 99     |
| 13) Acrolein                   | 2.30  | 56   | 190      | Below Cal |       | 89     |
| 15) Acrylonitrile              | 3.14  | 53   | 230      | Below Cal | #     | 64     |
| 16) Acetone                    | 2.45  | 43   | 20791    | Below Cal |       | 96     |
| 18) Methyl Acetate             | 2.78  | 43   | 21082    | 4.94      | ug/l  | 98     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 70       | Below Cal | #     | 1      |
| 20) Methylene Chloride         | 2.86  | 84   | 24206    | 8.43      | ug/l  | 95     |
| 22) Diisopropyl ether          | 3.89  | 45   | 46       | Below Cal | #     | 1      |
| 25) 2-Butanone                 | 4.71  | 43   | 3759     | 1.92      | ug/l  | 97     |
| 28) Bromochloromethane         | 5.06  | 49   | 22       | Below Cal | #     | 13     |
| 29) Tetrahydrofuran            | 5.18  | 42   | 777      | 0.62      | ug/l  | # 65   |
| 30) Chloroform                 | 5.21  | 83   | 1329     | 0.30      | ug/l  | 91     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 15052    | 4.89      | ug/l  | # 51   |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 18870    | 5.86      | ug/l  | # 17   |
| 39) Methylcyclohexane          | 7.57  | 83   | 22       | 0.27      | ug/l  | # 49   |
| 44) Trichloroethene            | 7.22  | 130  | 3973     | 1.52      | ug/l  | 92     |
| 47) Bromodichloromethane       | 7.91  | 83   | 886      | 0.28      | ug/l  | # 91   |
| 49) 1,4-Dioxane                | 7.57  | 88   | 21       | 0.36      | ug/l  | # 1    |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1666     | 0.43      | ug/l  | # 86   |
| 65) Chlorobenzene              | 10.14 | 112  | 2438     | 0.36      | ug/l  | 99     |
| 67) Ethyl Benzene              | 10.26 | 91   | 2831     | 0.25      | ug/l  | 99     |
| 68) m/p-Xylenes                | 10.36 | 106  | 5398     | 1.23      | ug/l  | 98     |
| 69) o-Xylene                   | 10.70 | 106  | 2363     | 0.54      | ug/l  | 94     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 78541    | 25.32     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 78541    | 88.76     | ug/l  | # 7    |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 2201     | 0.25      | ug/l  | 96     |
| 95) Naphthalene                | 13.84 | 128  | 522645   | 50.79     | ug/l  | 100    |

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Sample : J3247-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

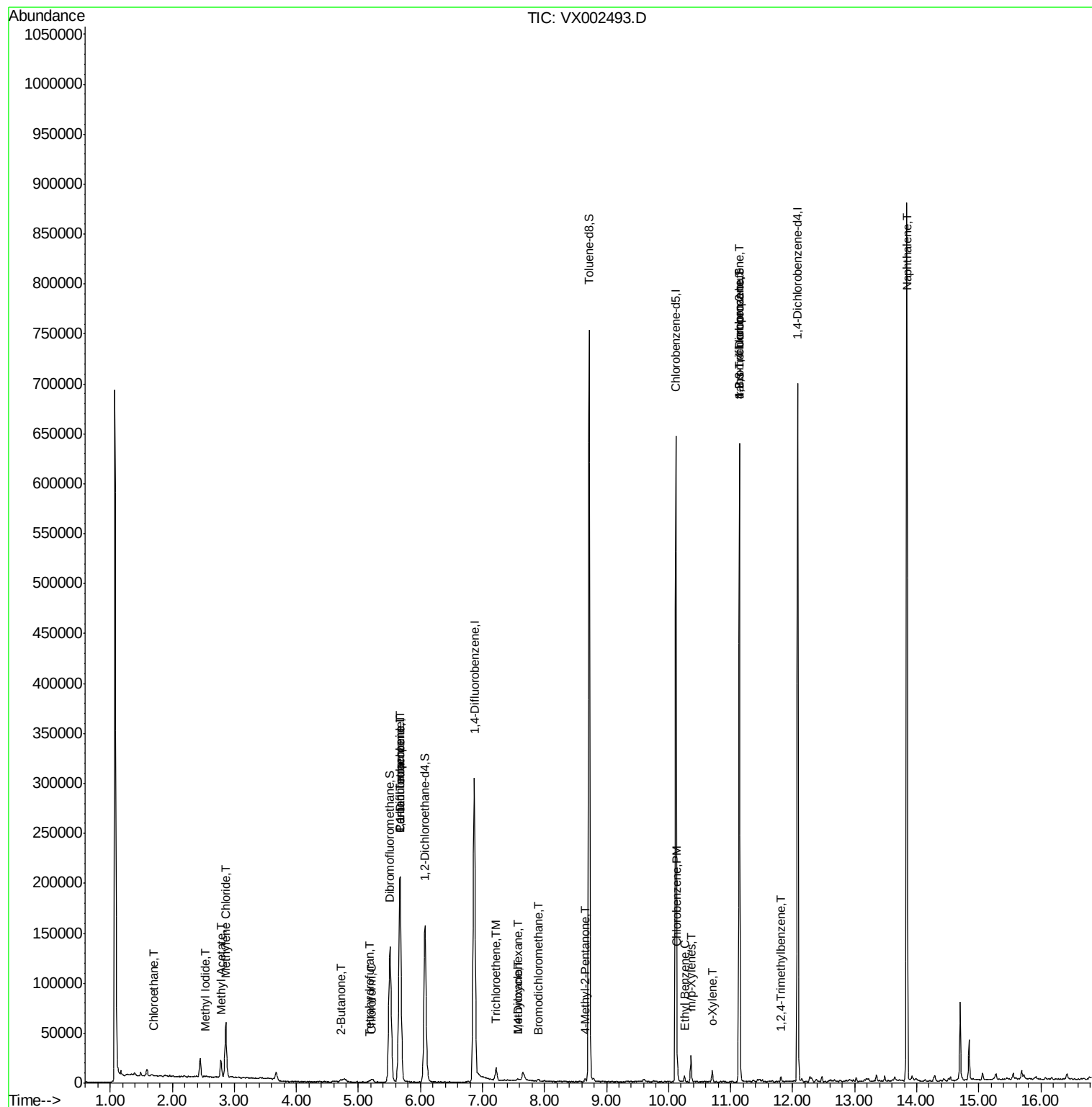
Quant Time: Jun 13 07:19:48 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration

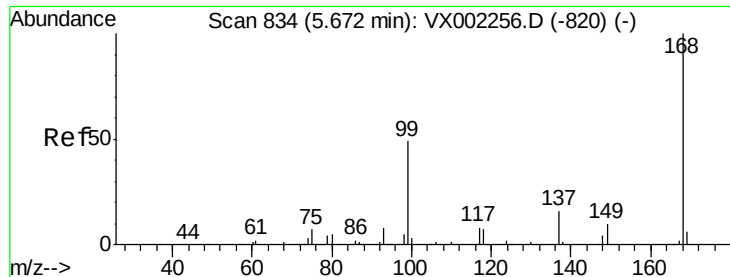
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = 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: VX002493.D

Acq: 13 Jun 2018 03:58

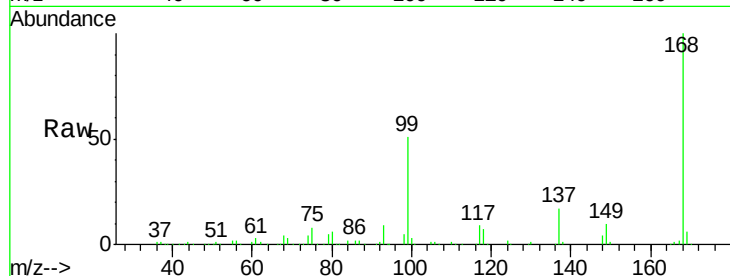
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 199647

Ion Ratio Lower Upper

168 100

99 50.8 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

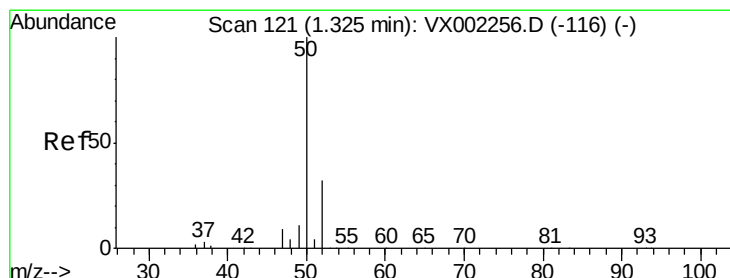
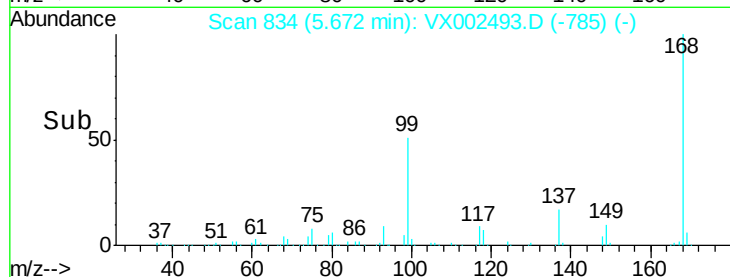
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002493.D

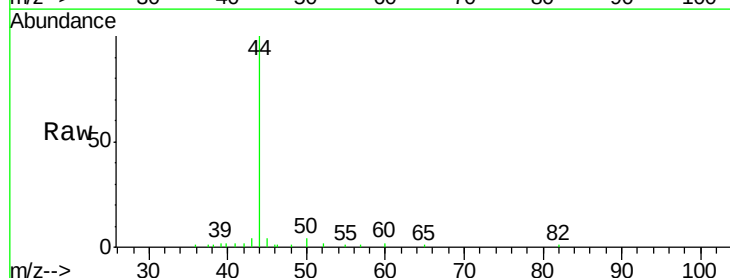
Acq: 13 Jun 2018 03:58

Tgt Ion: 50 Resp: 521

Ion Ratio Lower Upper

50 100

52 35.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

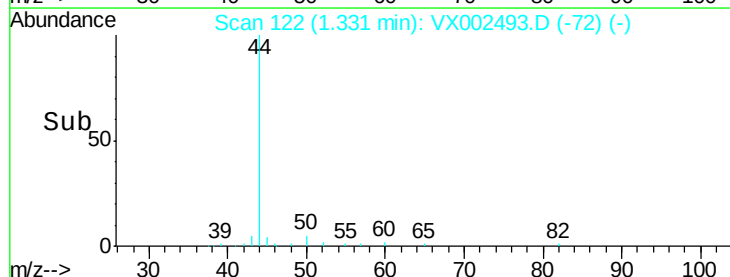
300

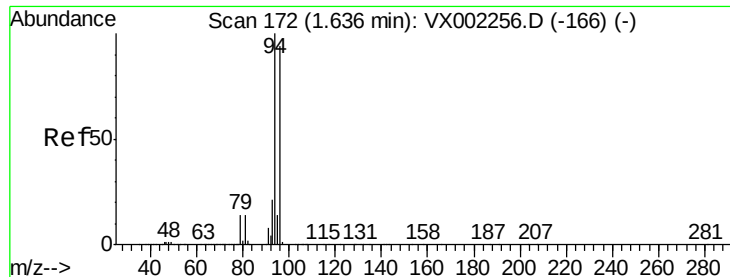
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

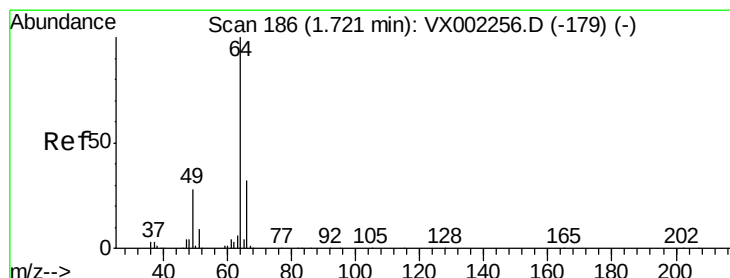
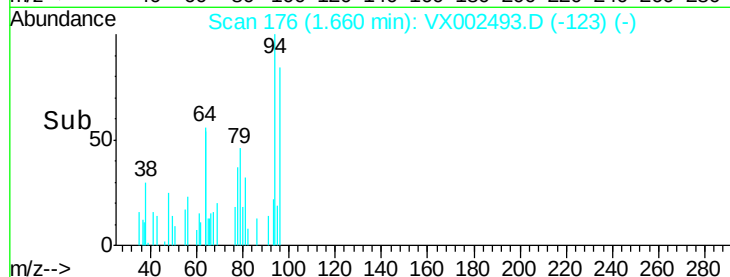
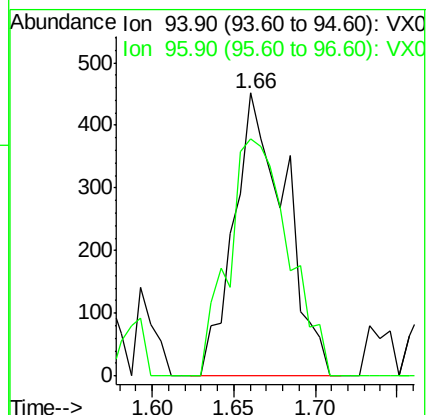
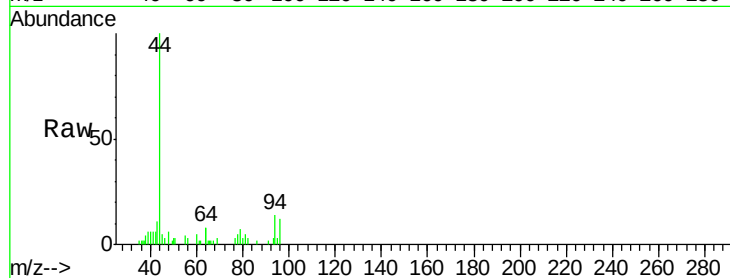
ClientSampled :

Tot Ion: 94 Resp: 992

Ion Ratio Lower Upper

94 100

96 83.8 74.9 112.3



#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002493.D

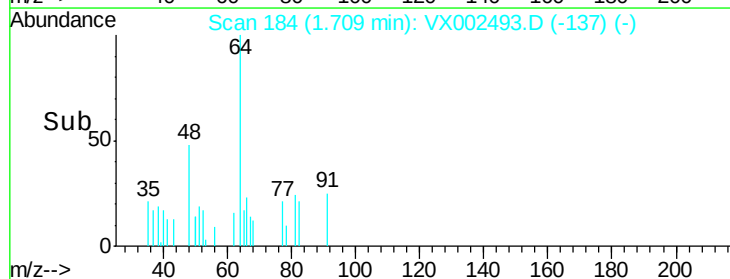
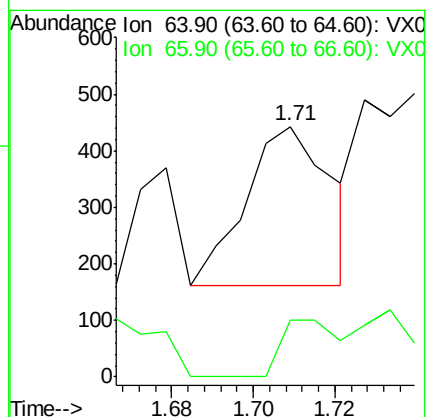
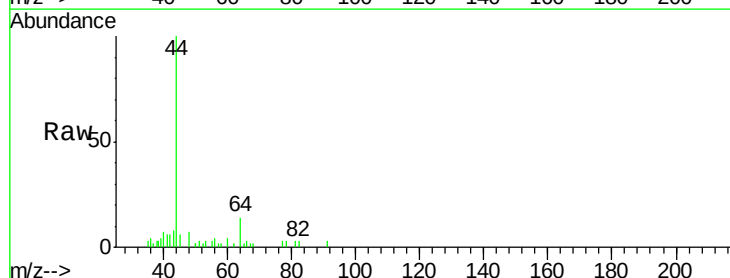
Acq: 13 Jun 2018 03:58

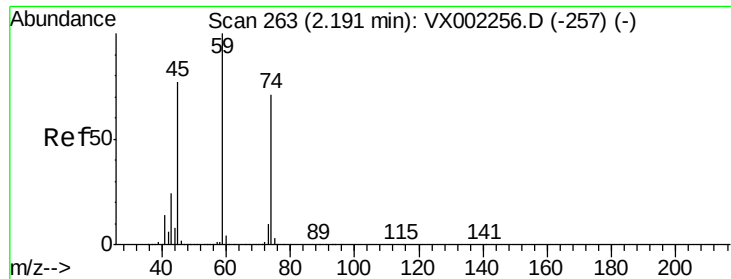
Tgt Ion: 64 Resp: 407

Ion Ratio Lower Upper

64 100

66 35.9 25.5 38.3





#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

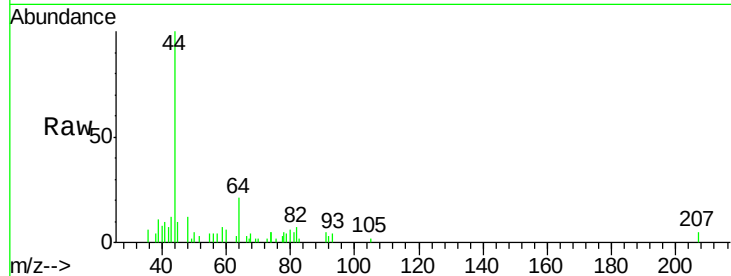
ClientSampleId :

Tot Ion: 74 Resp: 428

Ion Ratio Lower Upper

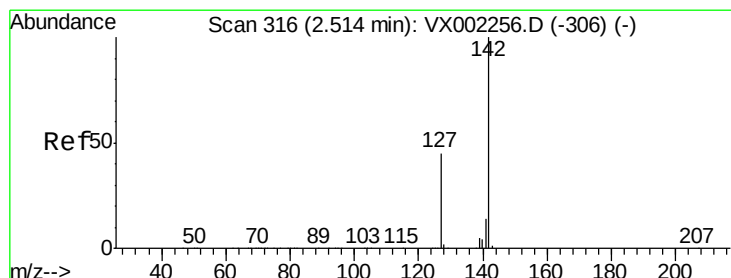
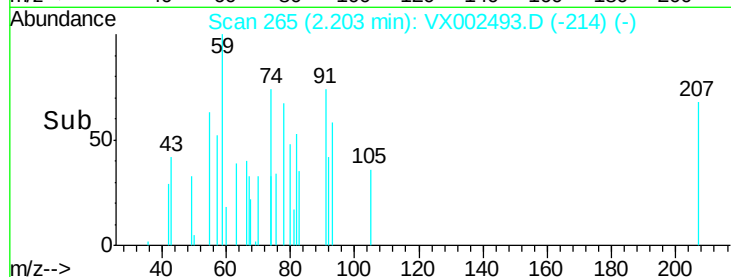
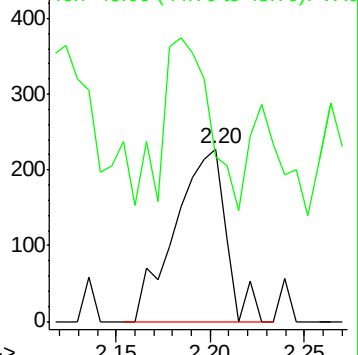
74 100

45 90.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.29 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

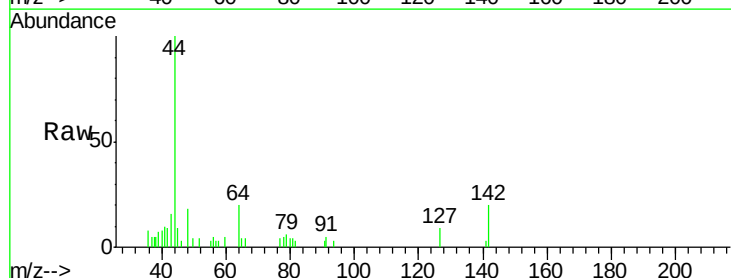
Tgt Ion: 142 Resp: 879

Ion Ratio Lower Upper

142 100

127 48.5 36.6 55.0

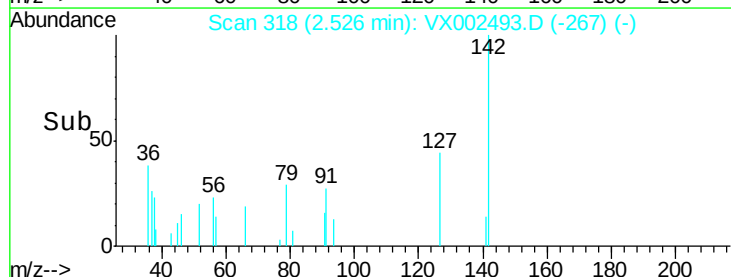
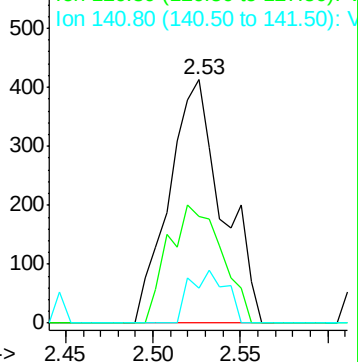
141 14.6 11.3 16.9

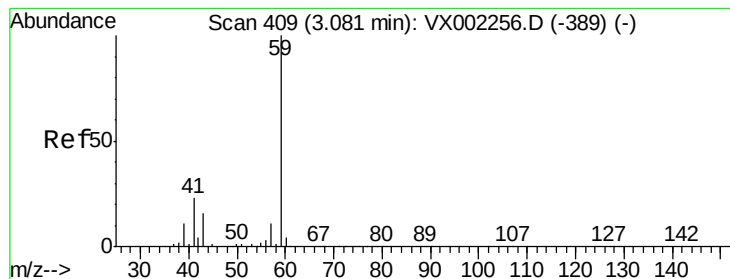


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



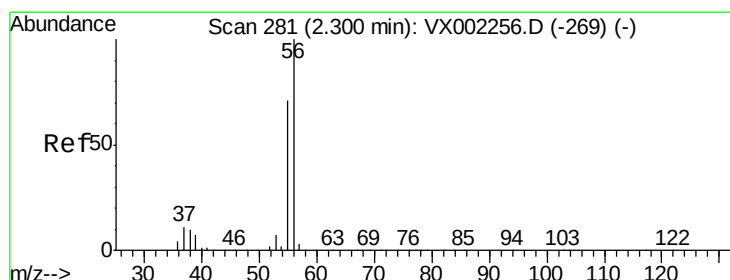
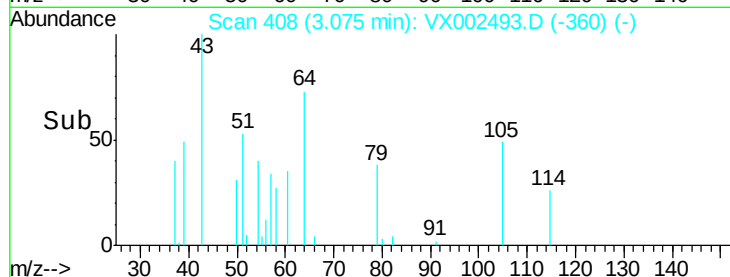
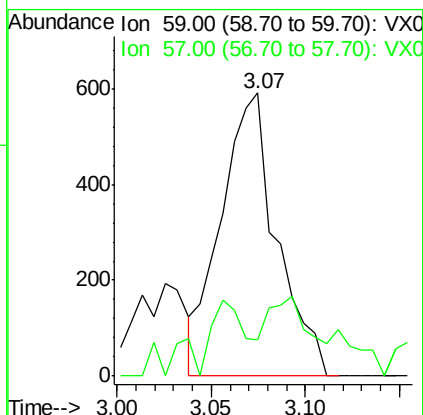
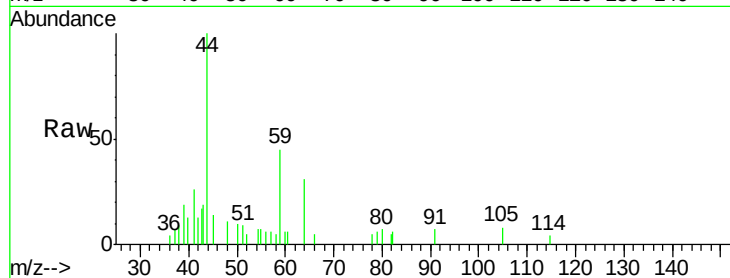


#11

Tert butyl alcohol  
Concen: Below Cal  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Instrument :  
MSVOA\_X  
ClientSampled :

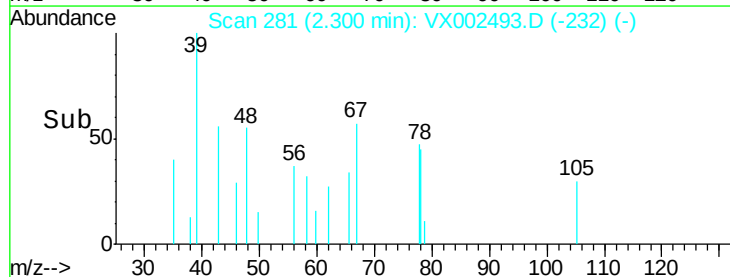
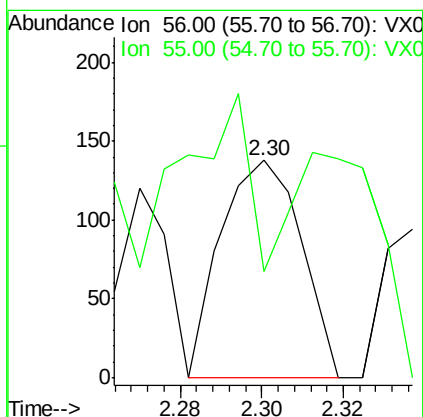
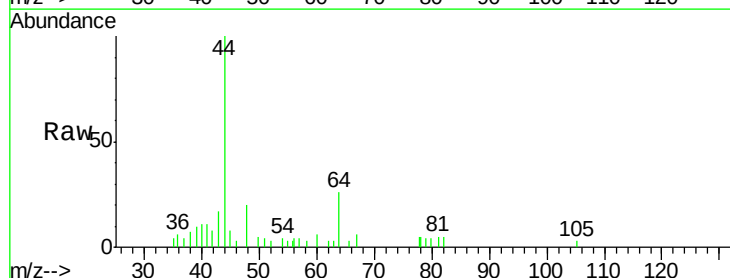
Tot Ion: 59 Resp: 1213  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.2

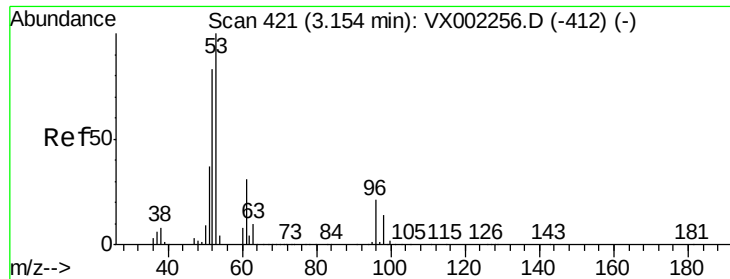


#13

Acrolein  
Concen: Below Cal  
RT: 2.30 min Scan# 281  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion: 56 Resp: 190  
Ion Ratio Lower Upper  
56 100  
55 62.1 57.0 85.4

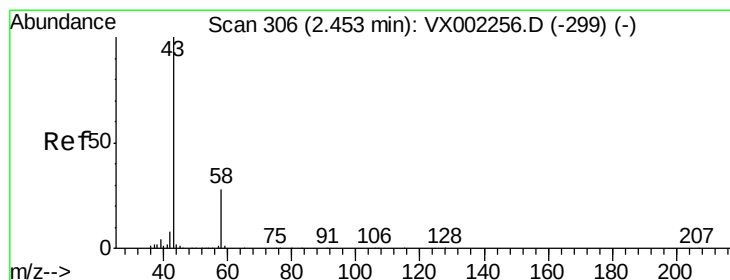
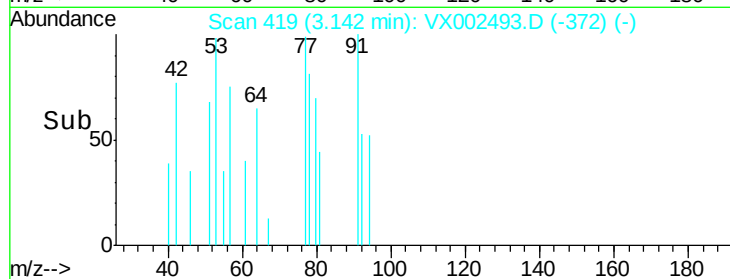
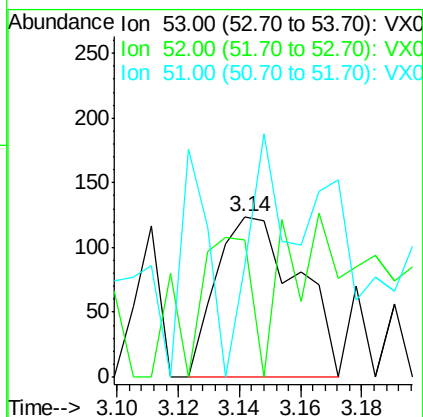
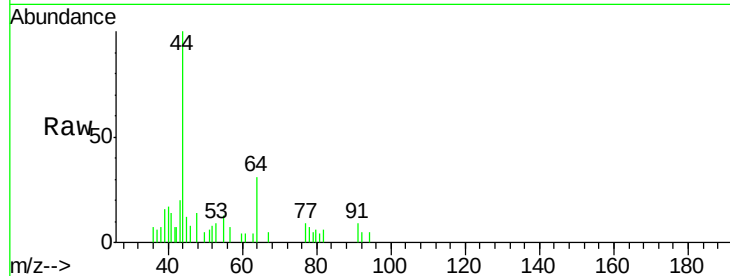




#15  
 Acrylonitrile  
 Concen: Below Cal  
 RT: 3.14 min Scan# 419  
 Delta R.T. -0.01 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

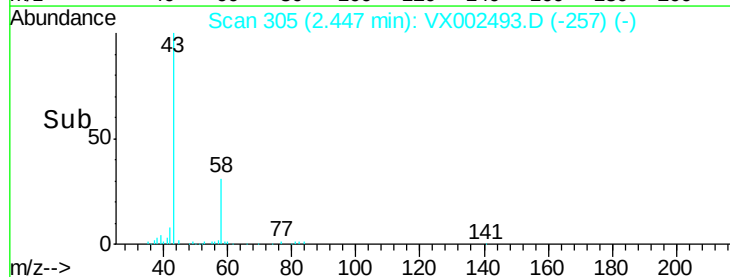
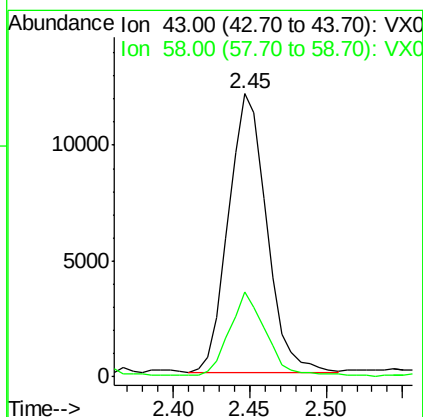
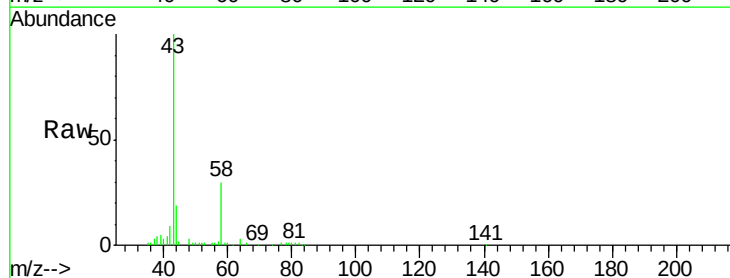
Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 53 Resp: 230  
 Ion Ratio Lower Upper  
 53 100  
 52 62.2 66.7 100.1#  
 51 76.5 29.9 44.9#

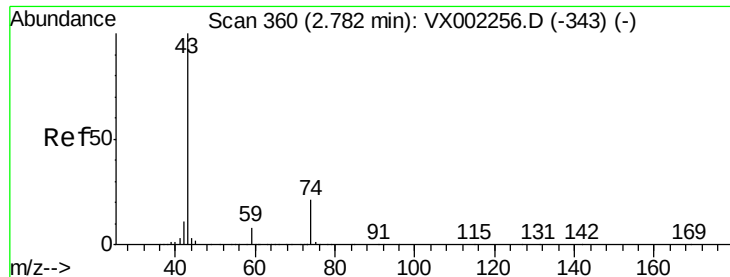


#16  
 Acetone  
 Concen: Below Cal  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.01 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

Tgt Ion: 43 Resp: 20791  
 Ion Ratio Lower Upper  
 43 100  
 58 29.7 22.1 33.1



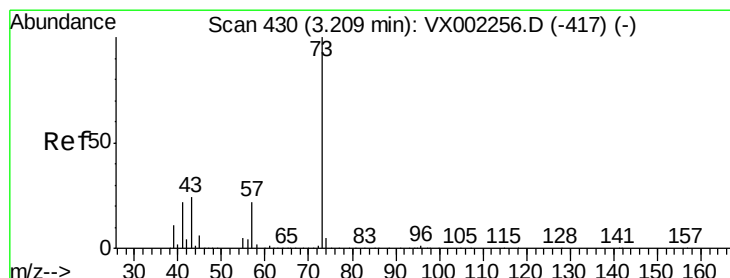
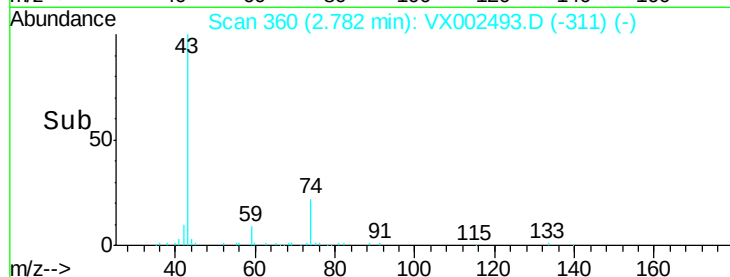
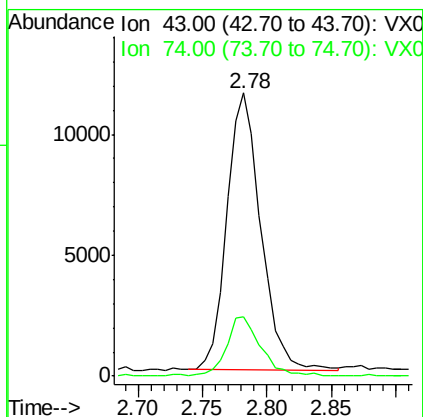
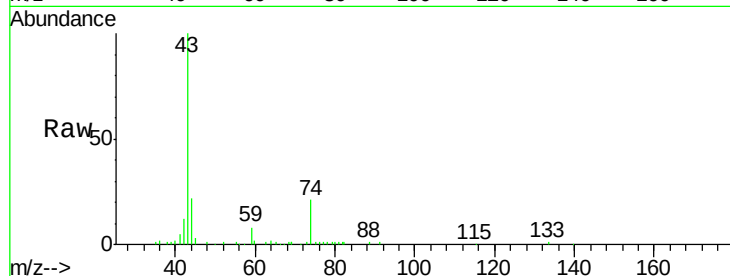




#18  
Methyl Acetate  
Concen: 4.94 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

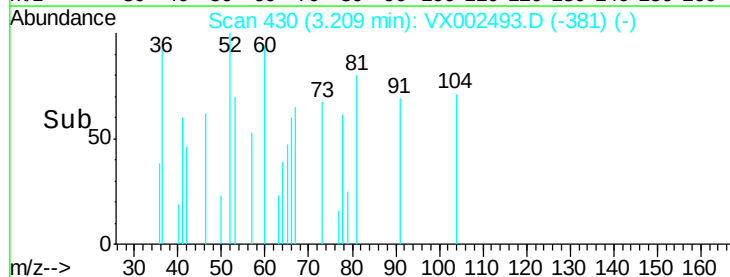
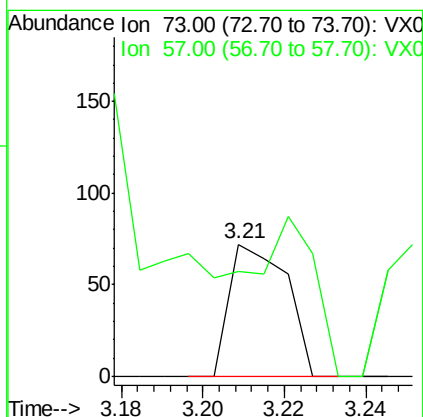
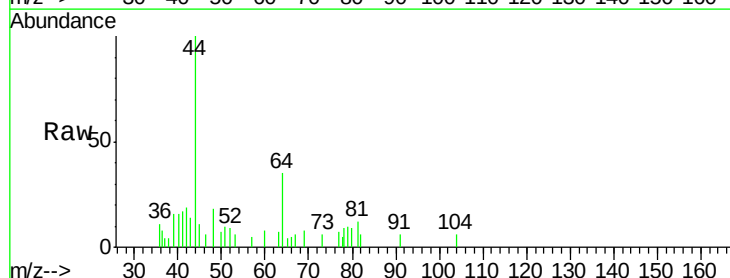
Instrument :  
MSVOA\_X  
ClientSampled :

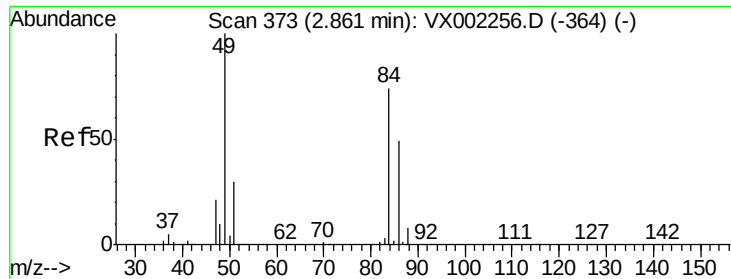
Tot Ion: 43 Resp: 21082  
Ion Ratio Lower Upper  
43 100  
74 21.6 16.7 25.1



#19  
Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion: 73 Resp: 70  
Ion Ratio Lower Upper  
73 100  
57 79.2 17.7 26.5#

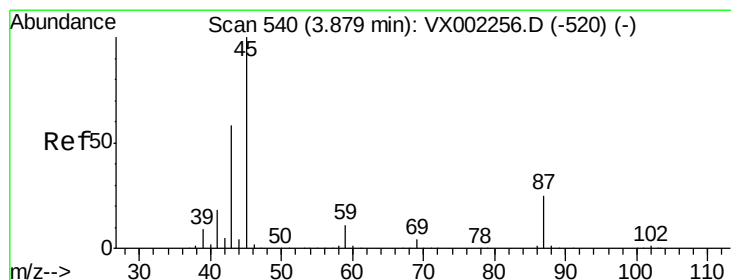
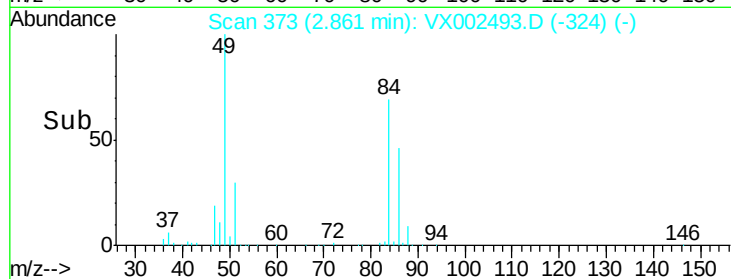
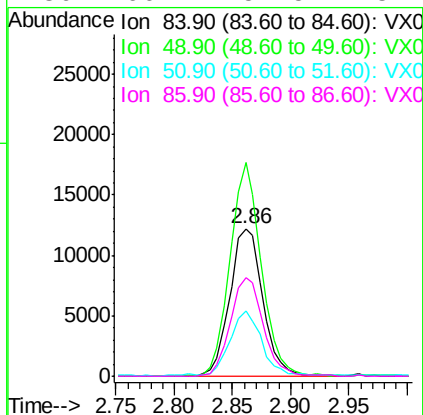
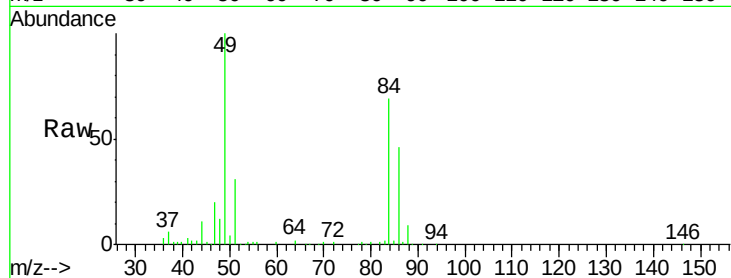




#20  
Methylene Chloride  
Concen: 8.43 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

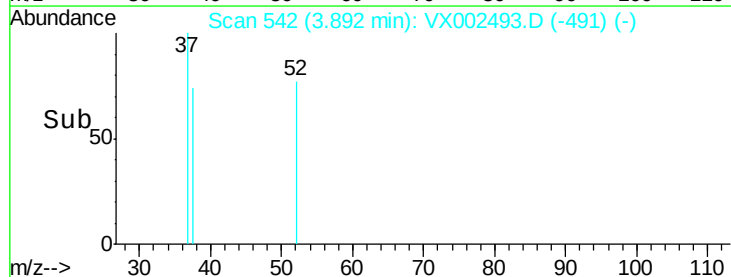
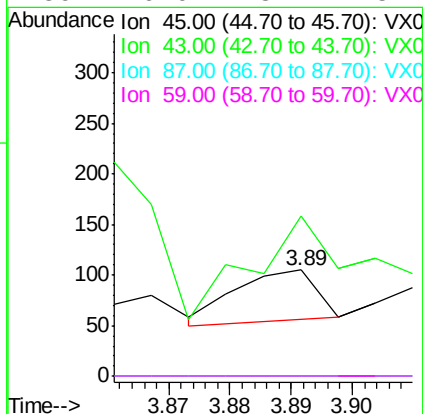
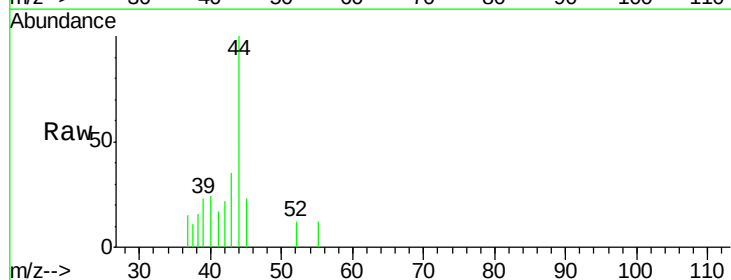
Instrument :  
MSVOA\_X  
ClientSampleId :

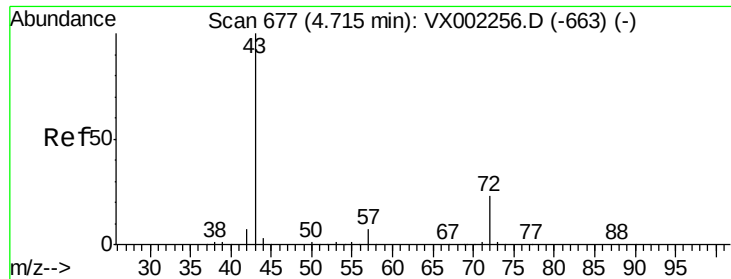
Tot Ion: 84 Resp: 24206  
Ion Ratio Lower Upper  
84 100  
49 144.0 107.8 161.6  
51 43.3 32.8 49.2  
86 66.7 52.5 78.7



#22  
Diisopropyl ether  
Concen: Below Cal  
RT: 3.89 min Scan# 542  
Delta R.T. 0.01 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion: 45 Resp: 46  
Ion Ratio Lower Upper  
45 100  
43 221.7 46.8 70.2#  
87 0.0 20.2 30.4#  
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 1.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

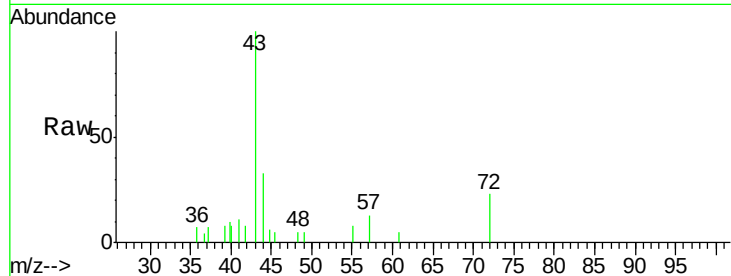
ClientSampled :

Tot Ion: 43 Resp: 3759

Ion Ratio Lower Upper

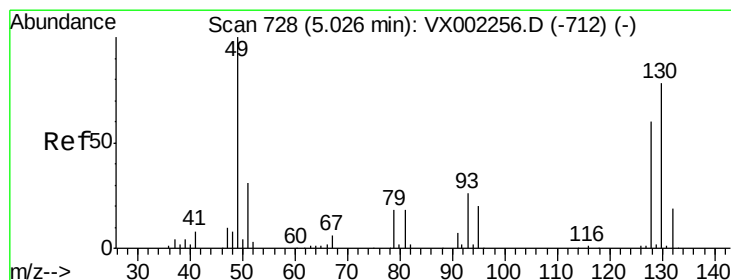
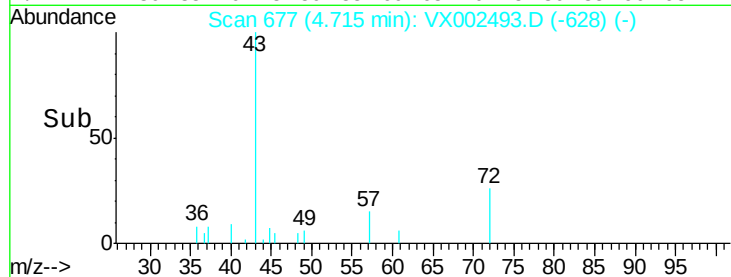
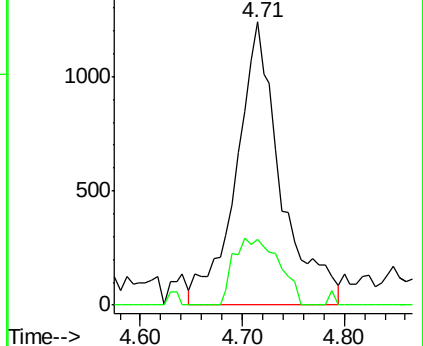
43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 733

Delta R.T. 0.03 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

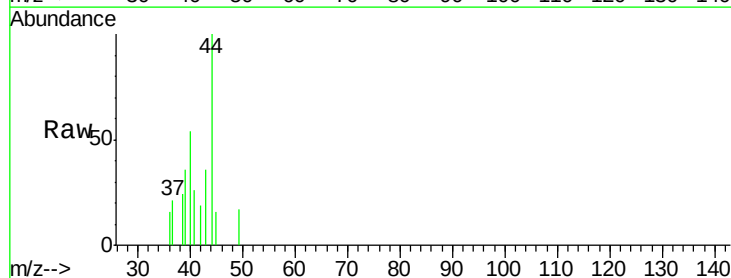
Tgt Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

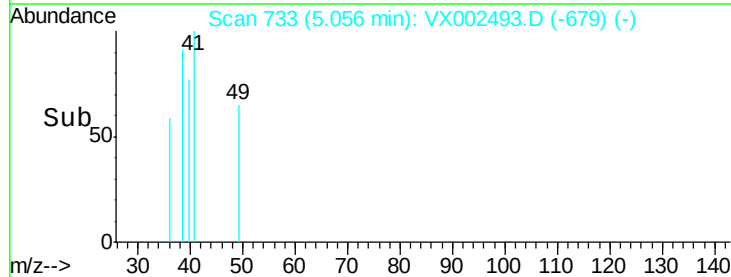
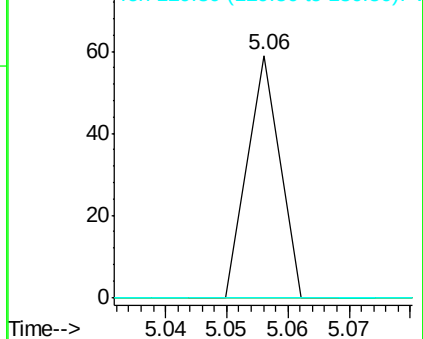
130 0.0 61.2 91.8#

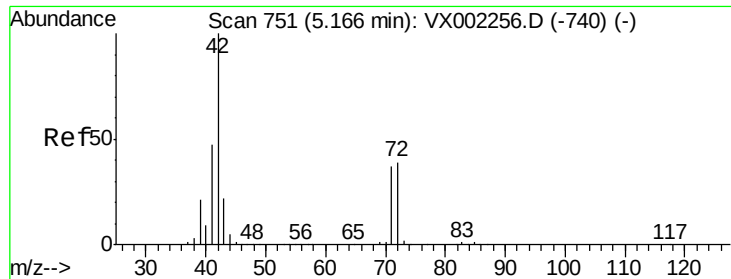


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

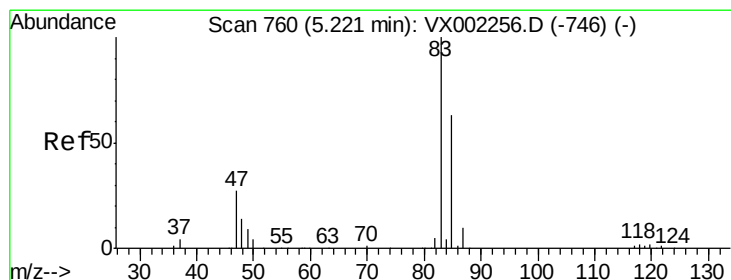
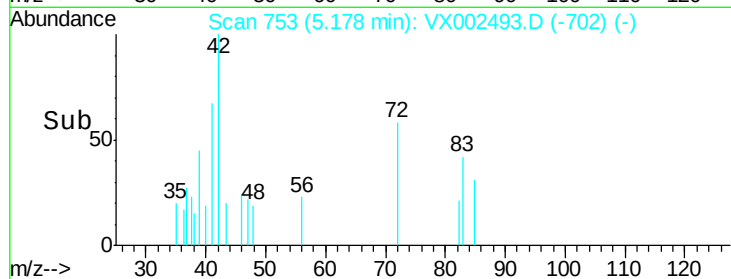
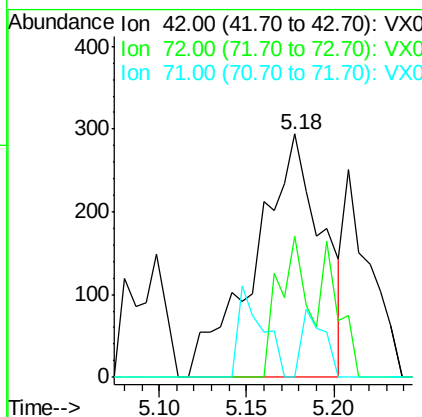
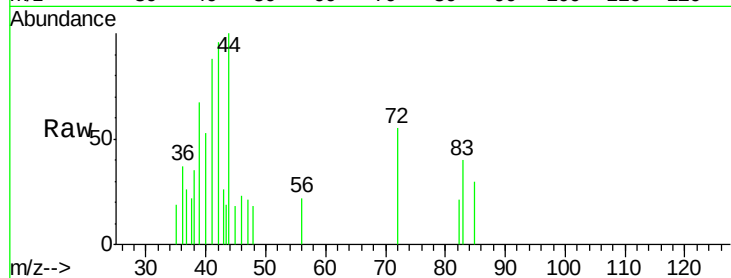




#29  
Tetrahydrofuran  
Concen: 0.62 ug/l  
RT: 5.18 min Scan# 753  
Delta R.T. 0.01 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

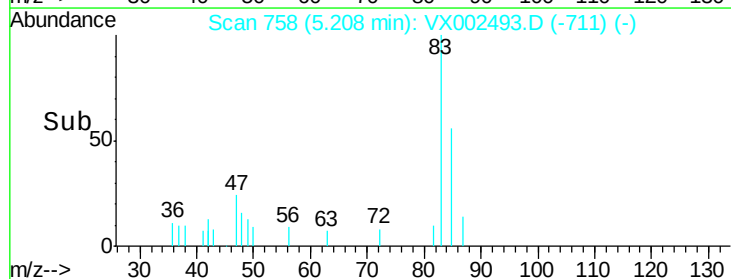
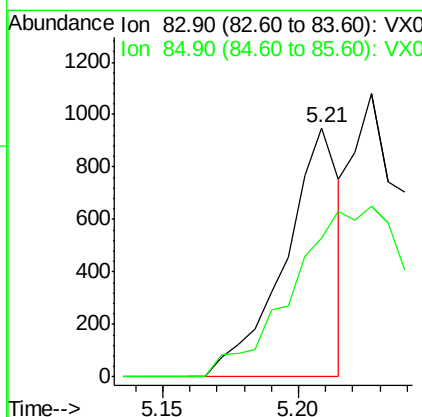
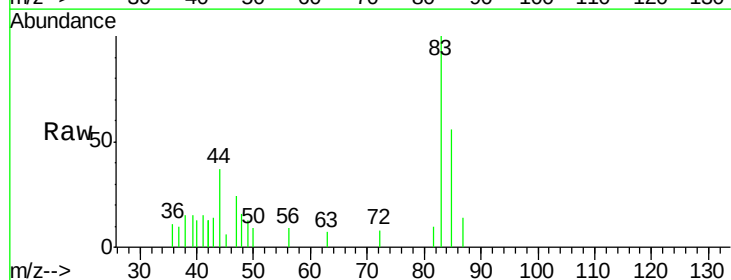
Instrument :  
MSVOA\_X  
ClientSampleId :

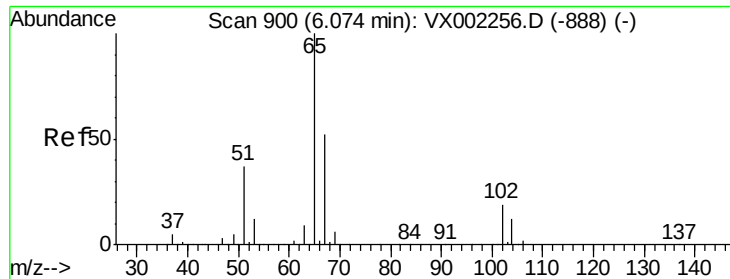
Tot Ion: 42 Resp: 777  
Ion Ratio Lower Upper  
42 100  
72 25.4 32.0 48.0#  
71 9.1 30.1 45.1#



#30  
Chloroform  
Concen: 0.30 ug/l  
RT: 5.21 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion: 83 Resp: 1329  
Ion Ratio Lower Upper  
83 100  
85 55.7 50.4 75.6

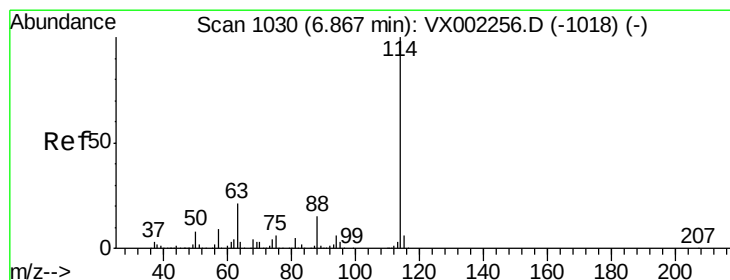
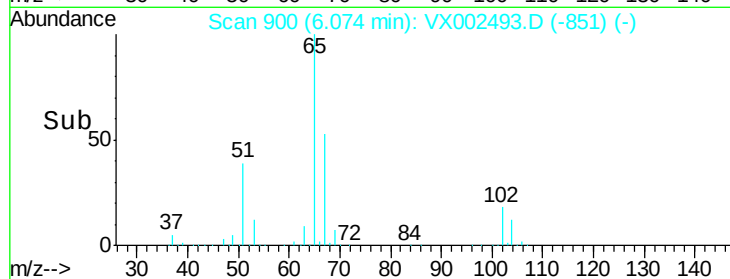
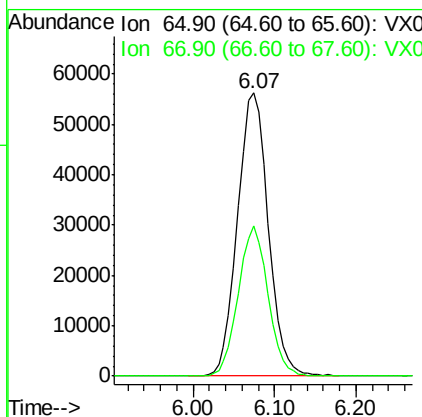
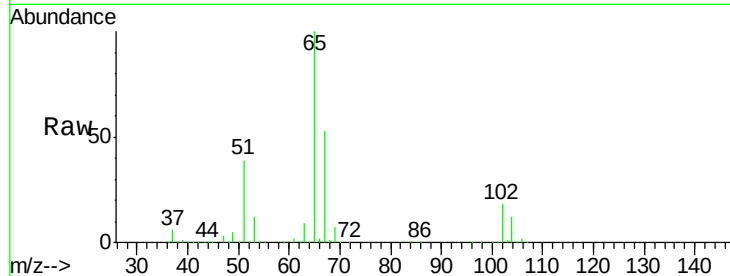




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.82 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

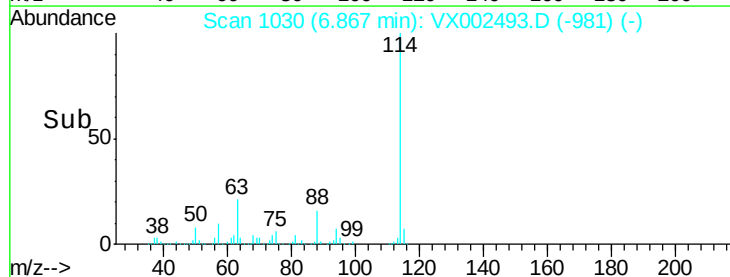
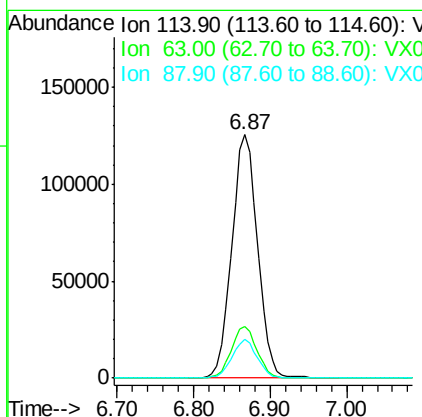
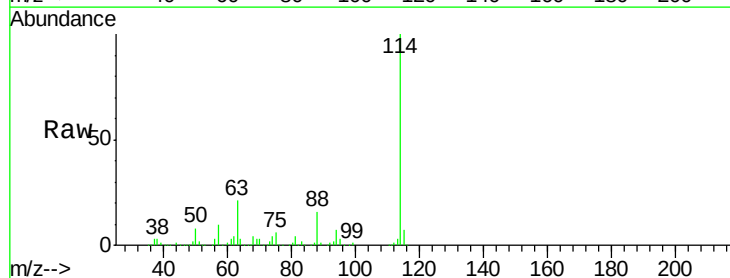
Instrument :  
 MSVOA\_X  
 ClientSampleId :

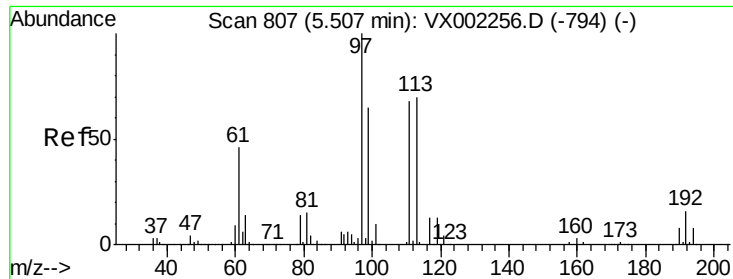
Tot Ion: 65 Resp: 147580  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

Tgt Ion: 114 Resp: 292885  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 41.4  
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.75 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

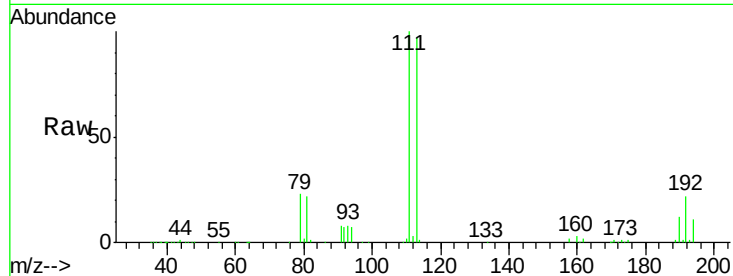
Tot Ion:113 Resp: 109980

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

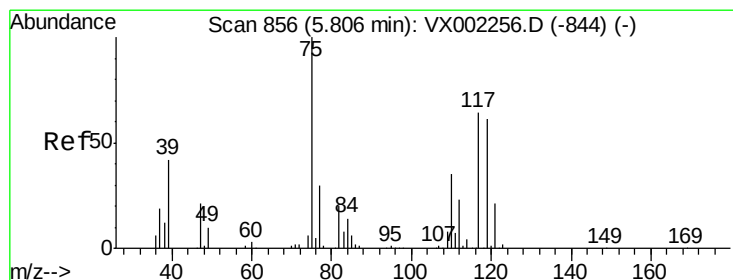
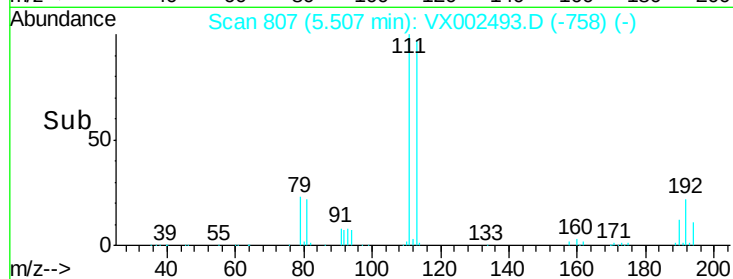
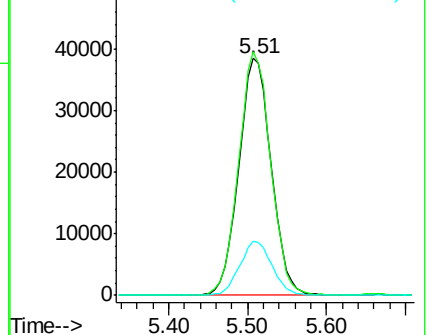
192 22.8 19.1 28.7



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: 4.89 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

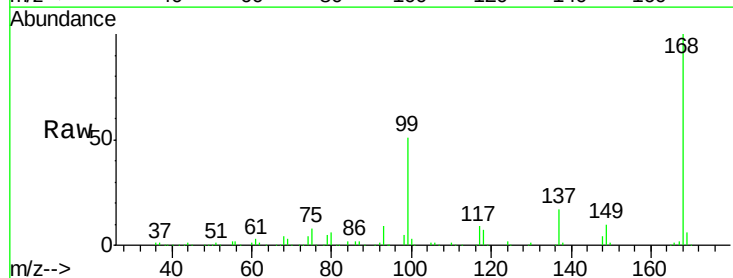
Tgt Ion: 75 Resp: 15052

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

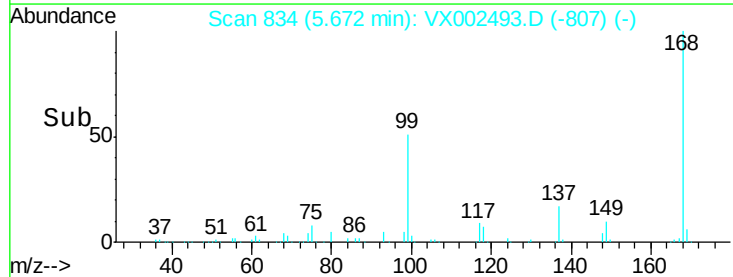
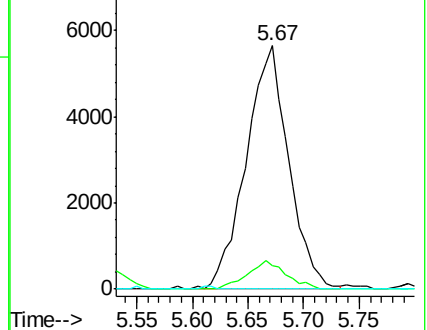
77 0.0 24.3 36.5#

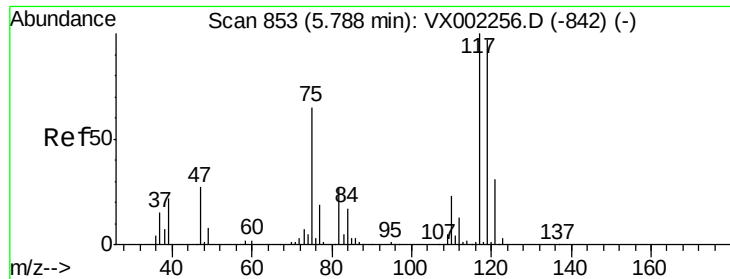


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.86 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

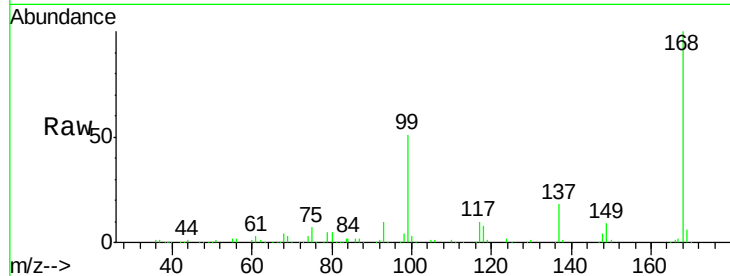
Tot Ion:117 Resp: 18870

Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

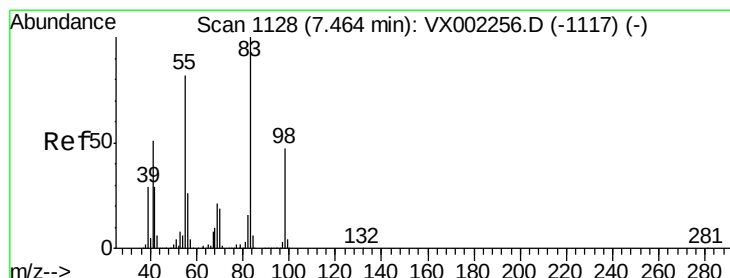
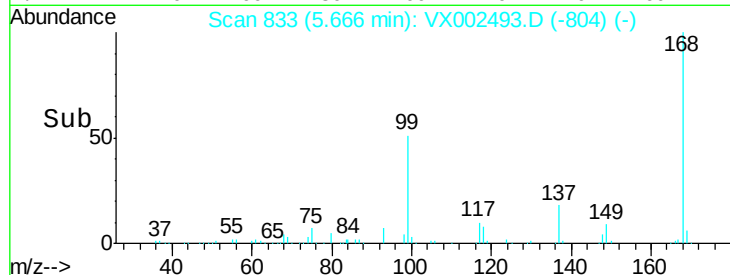
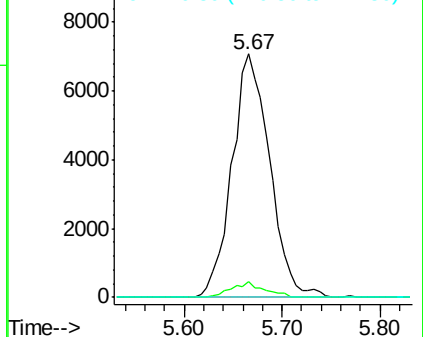
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 0.27 ug/l

RT: 7.57 min Scan# 1145

Delta R.T. 0.10 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

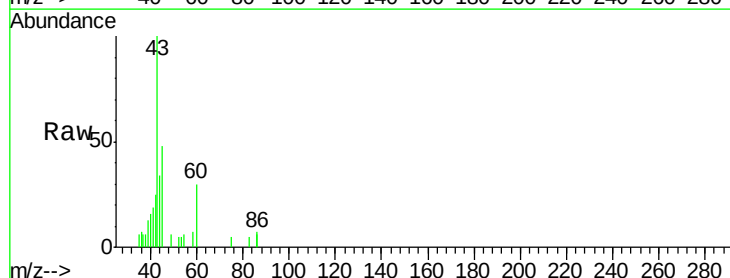
Tgt Ion: 83 Resp: 22

Ion Ratio Lower Upper

83 100

55 118.0 65.4 98.0#

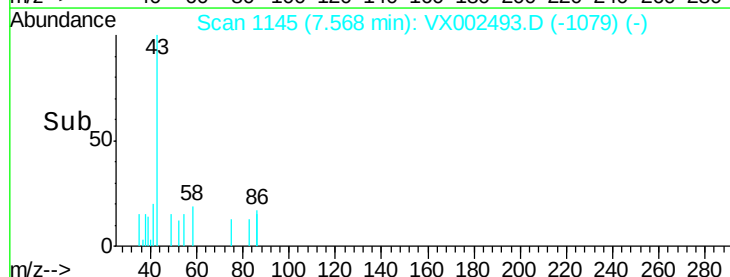
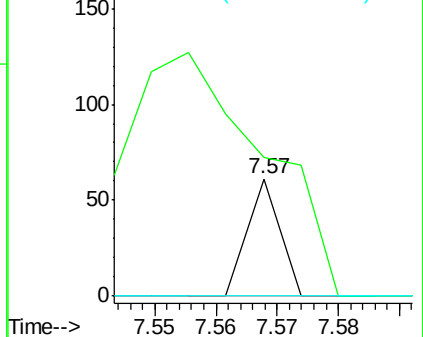
98 0.0 37.4 56.0#

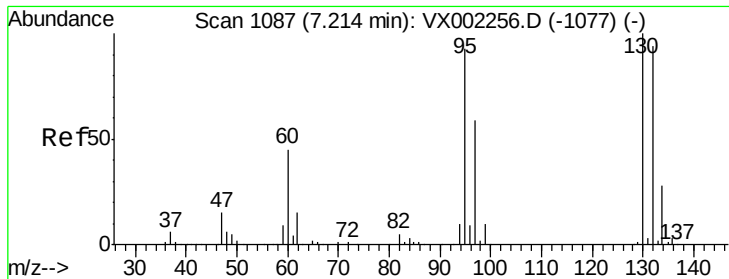


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 1.52 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

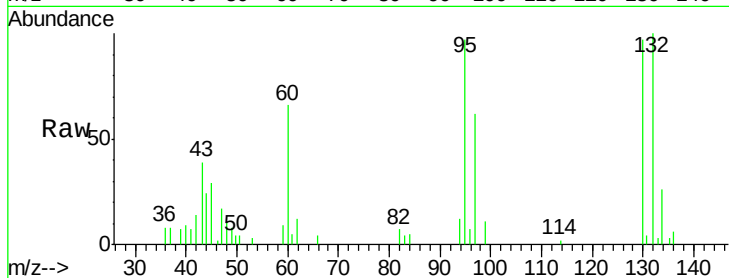
ClientSampleId :

Tot Ion:130 Resp: 3973

Ion Ratio Lower Upper

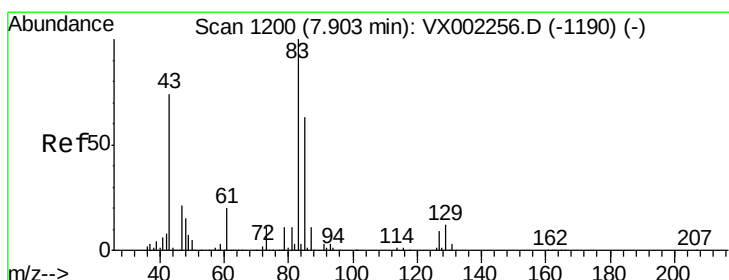
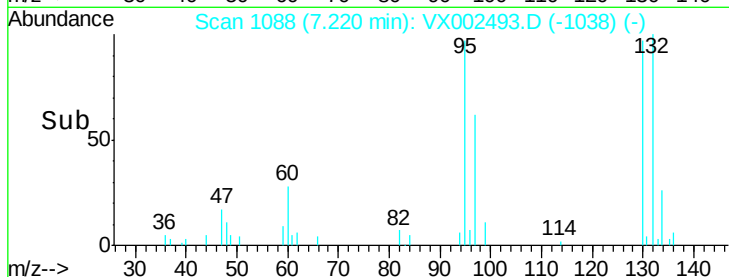
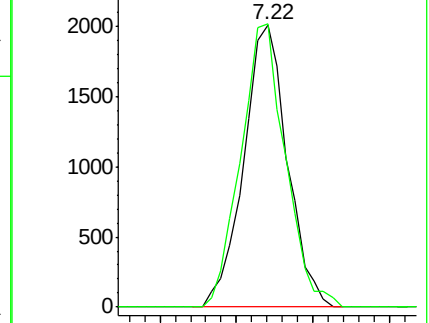
130 100

95 100.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.28 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

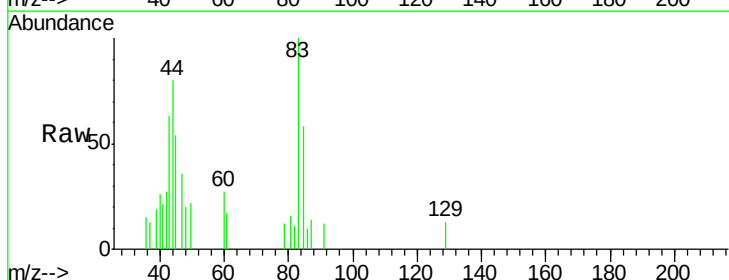
Tgt Ion: 83 Resp: 886

Ion Ratio Lower Upper

83 100

85 57.8 50.3 75.5

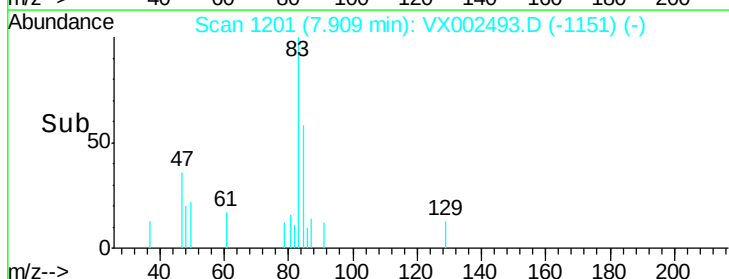
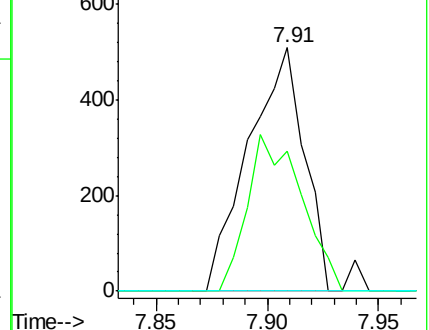
127 0.0 7.0 10.4#



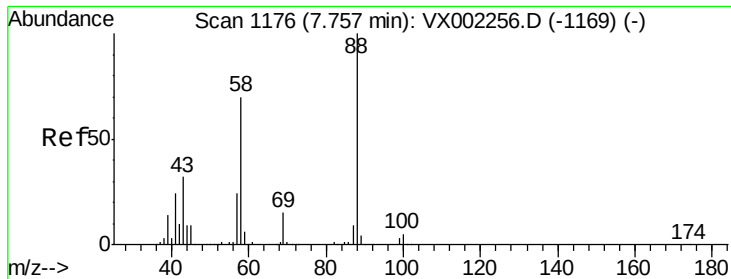
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V







#49

1,4-Dioxane

Concen: 0.36 ug/l

RT: 7.57 min Scan# 1146

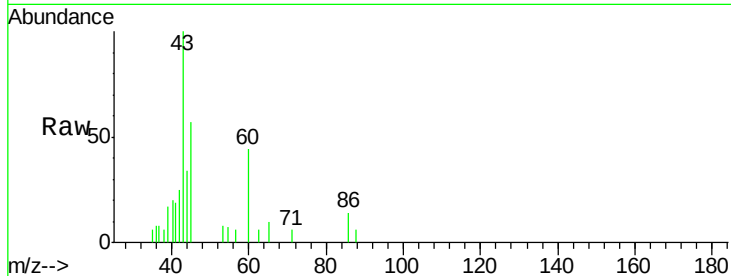
Delta R.T. -0.18 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :  
MSVOA\_X  
ClientSampleId :

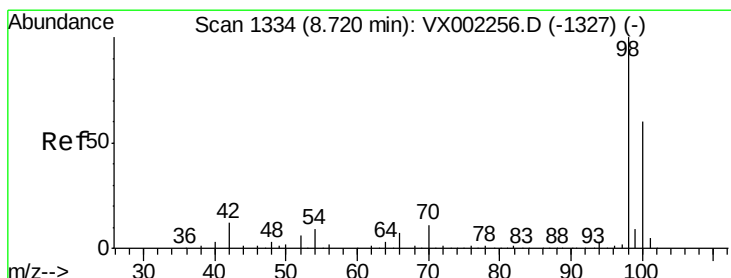
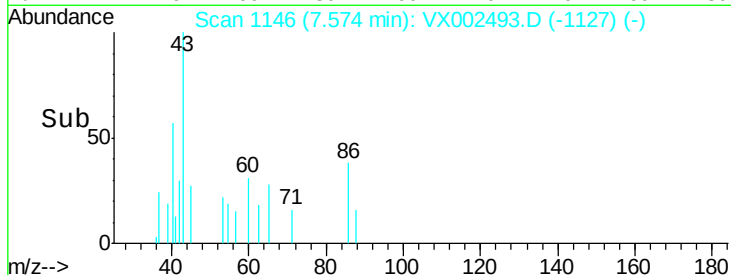
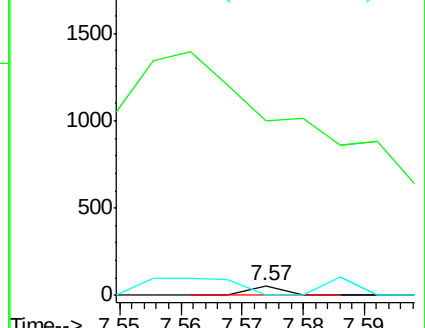
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 29.8  | 44.6# |
| 58      | 181.0 | 57.1  | 85.7# |



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.59 ug/l

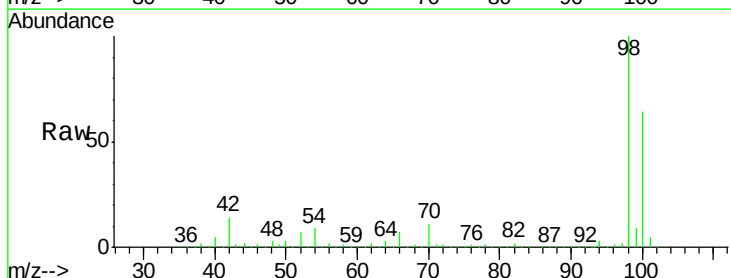
RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002493.D

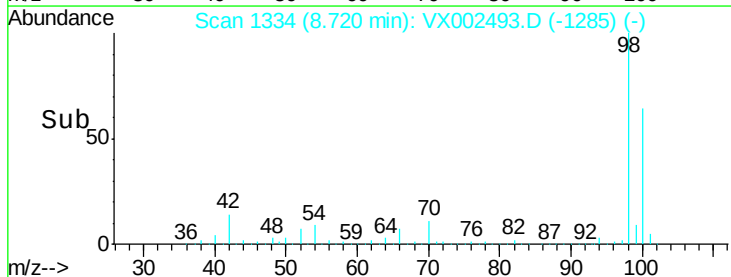
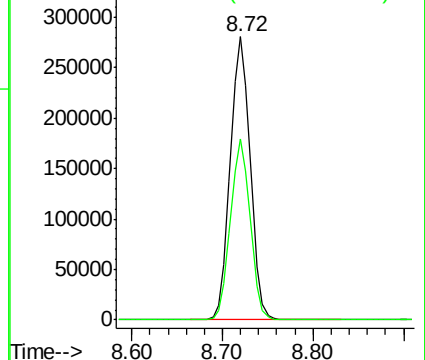
Acq: 13 Jun 2018 03:58

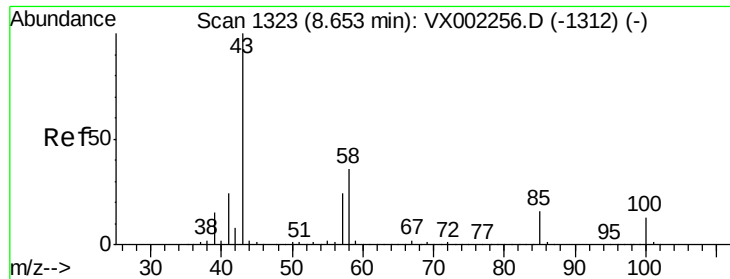
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.0  | 50.9  | 76.3  |



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

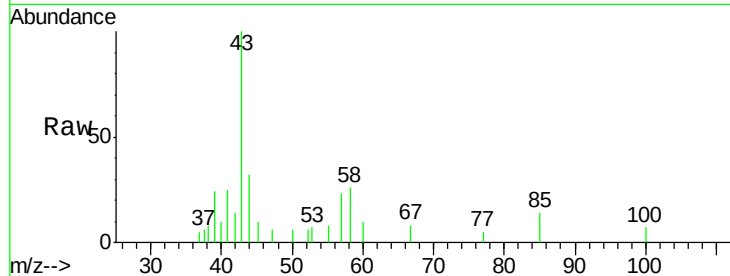
ClientSampled :

Tot Ion: 43 Resp: 1666

Ion Ratio Lower Upper

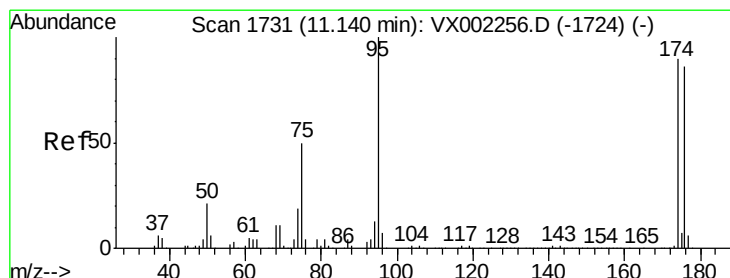
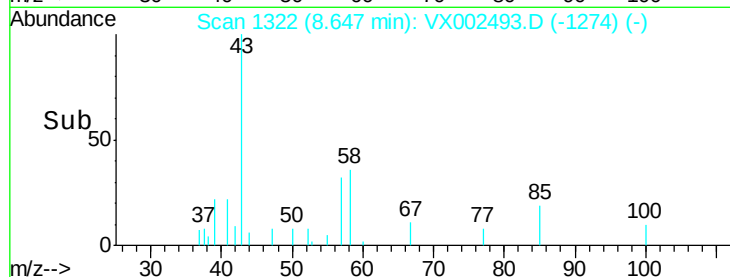
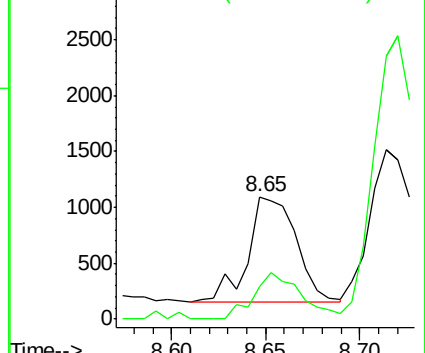
43 100

58 44.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002493.D

Acq: 13 Jun 2018 03:58

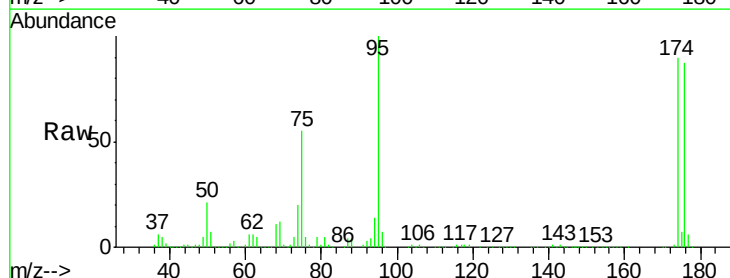
Tgt Ion: 95 Resp: 143150

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

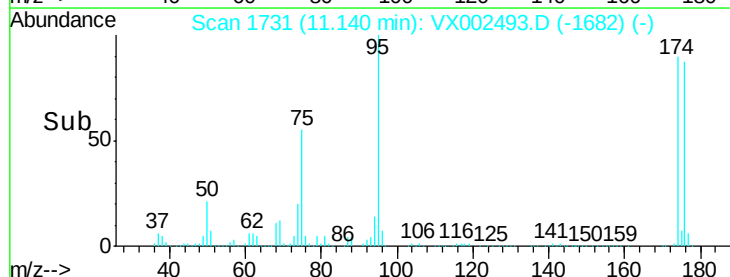
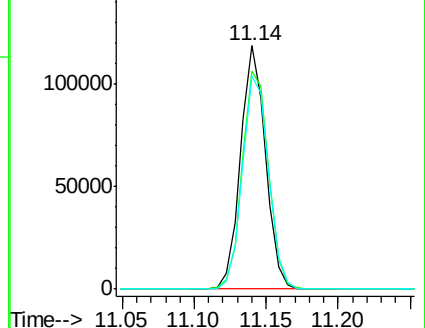
176 91.7 0.0 181.0

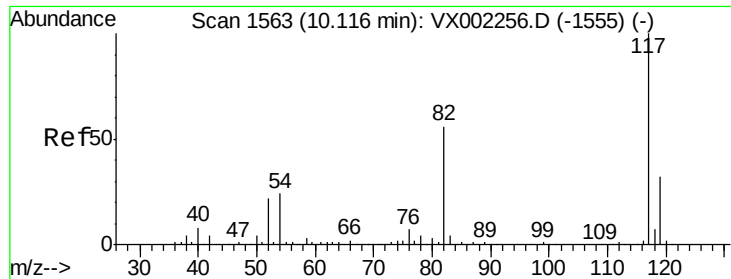


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002493.D

Acq: 13 Jun 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

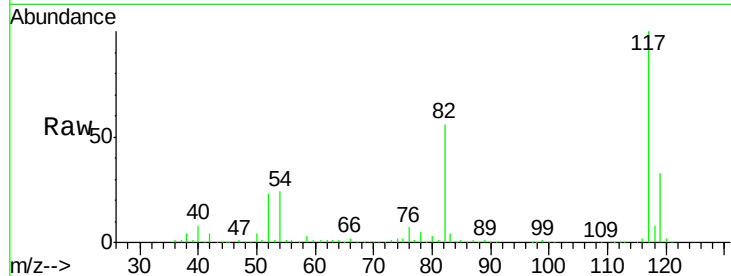
Tot Ion:117 Resp: 271011

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

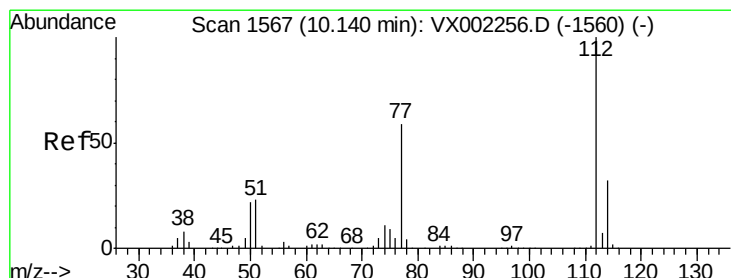
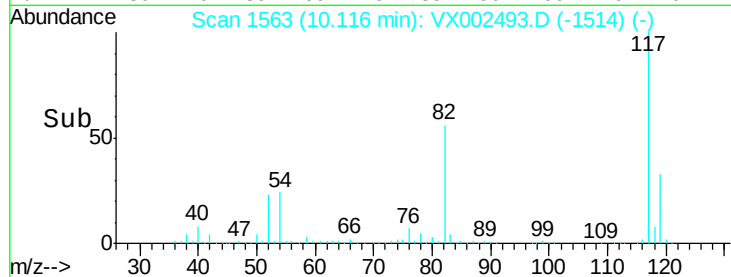
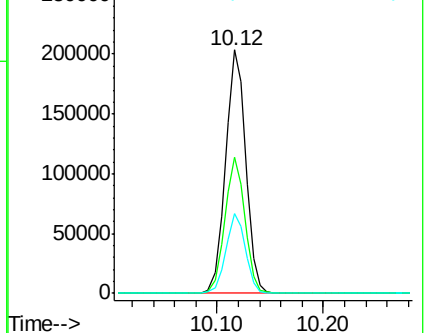
119 32.7 25.8 38.6



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



#65

Chlorobenzene

Concen: 0.36 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002493.D

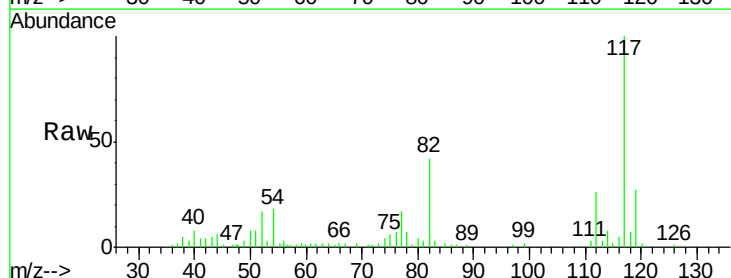
Acq: 13 Jun 2018 03:58

Tgt Ion:112 Resp: 2438

Ion Ratio Lower Upper

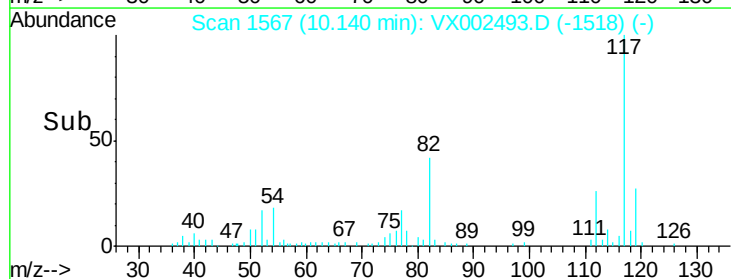
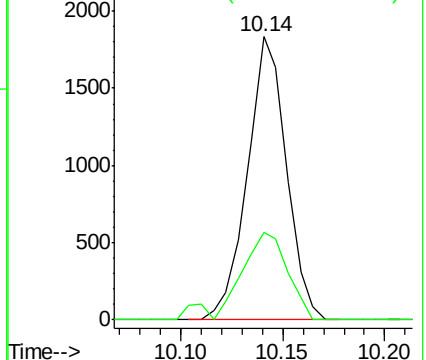
112 100

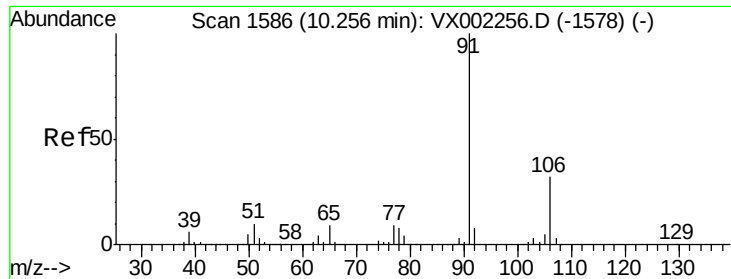
114 30.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

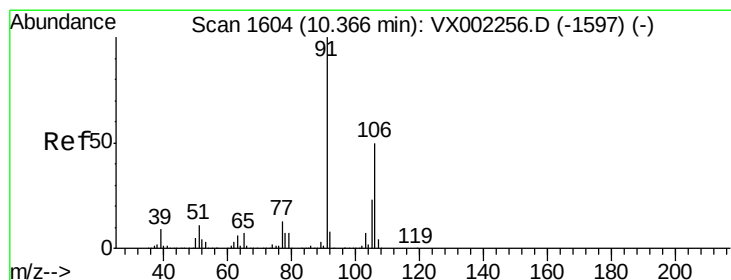
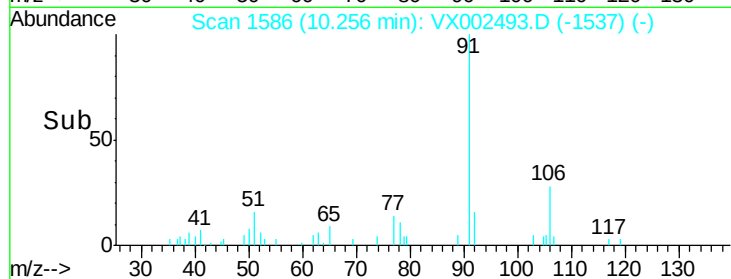
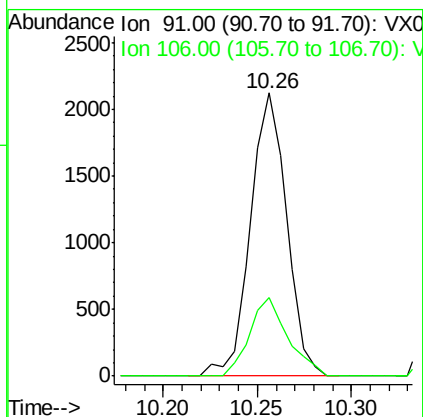
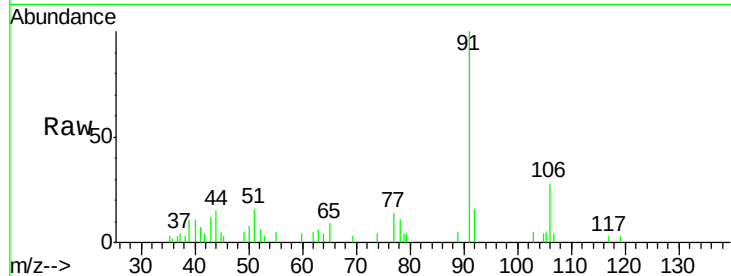




#67  
Ethyl Benzene  
Concen: 0.25 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

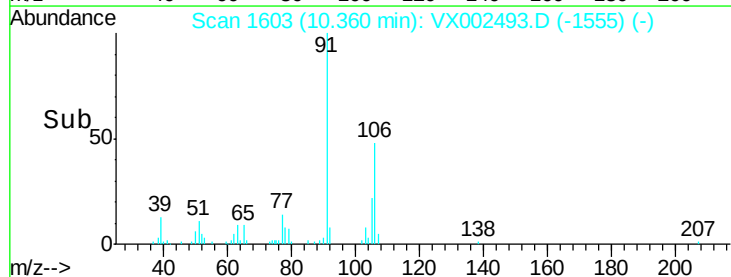
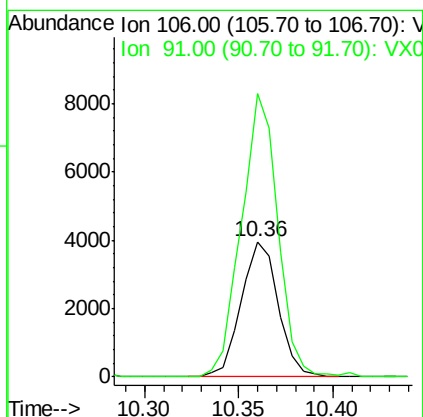
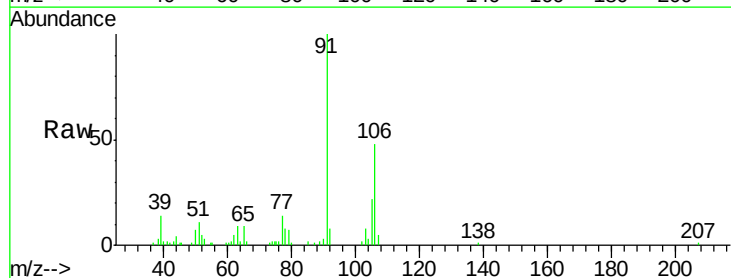
Instrument :  
MSVOA\_X  
ClientSampled :

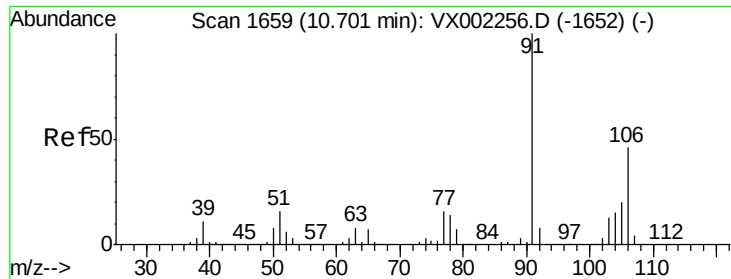
Tot Ion: 91 Resp: 2831  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.5 38.3



#68  
m/p-Xylenes  
Concen: 1.23 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.01 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion: 106 Resp: 5398  
Ion Ratio Lower Upper  
106 100  
91 207.4 163.4 245.2

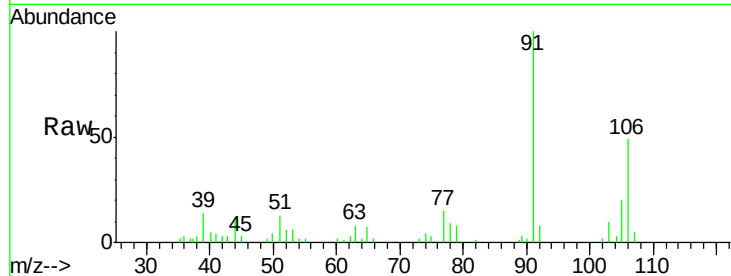




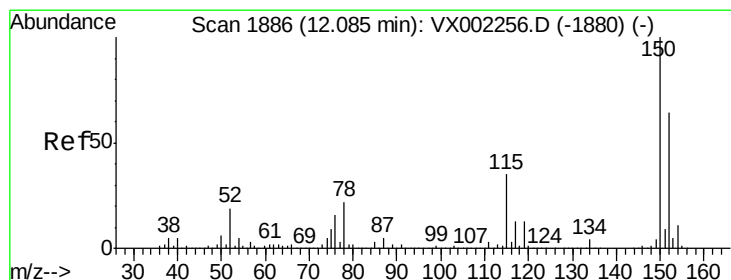
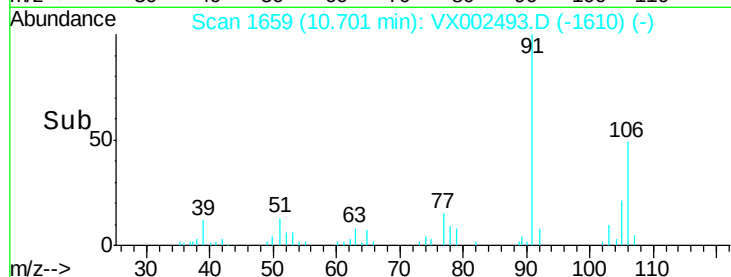
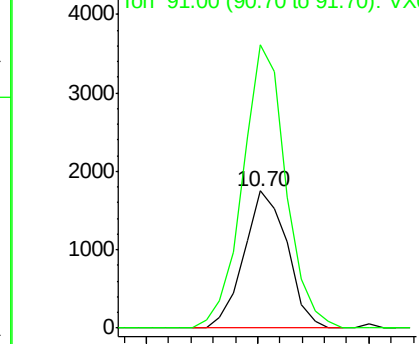
#69  
o-Xylene  
Concen: 0.54 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:106 Resp: 2363  
Ion Ratio Lower Upper  
106 100  
91 206.3 108.2 324.6

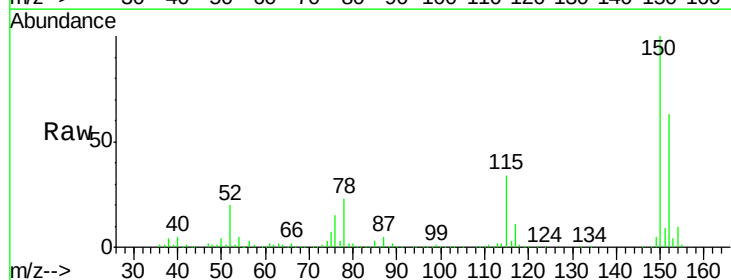


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

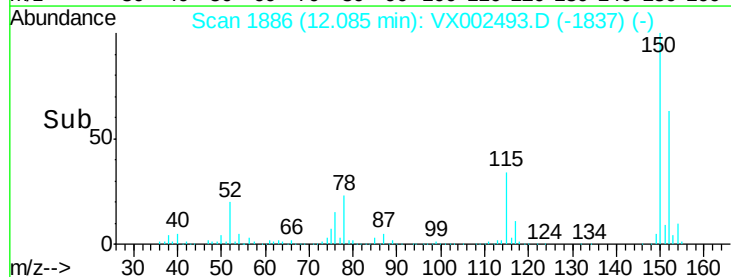
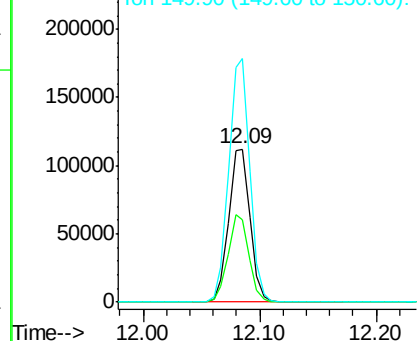


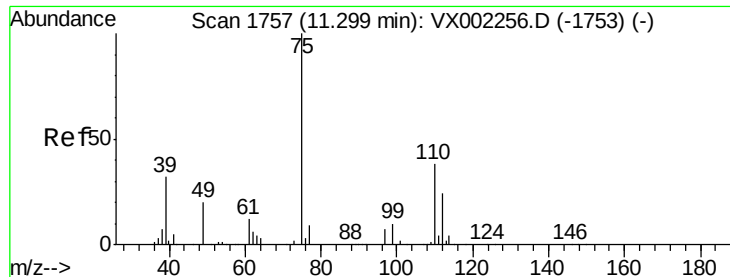
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX002493.D  
Acq: 13 Jun 2018 03:58

Tgt Ion:152 Resp: 141364  
Ion Ratio Lower Upper  
152 100  
115 55.7 40.1 120.2  
150 157.2 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

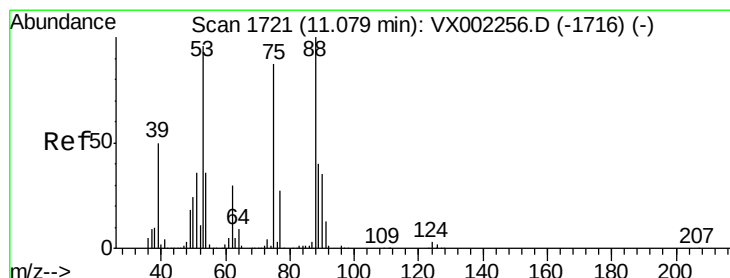
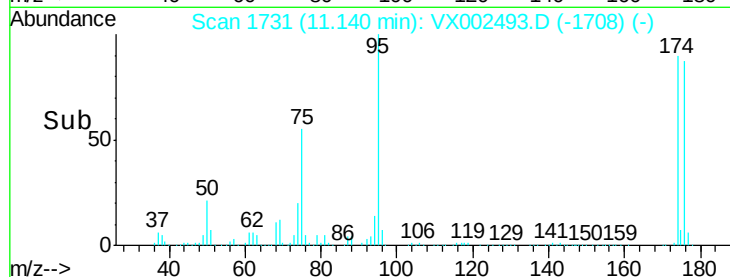
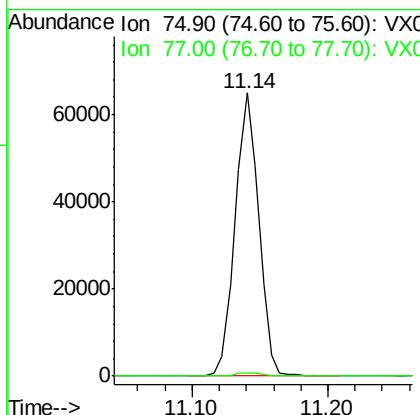
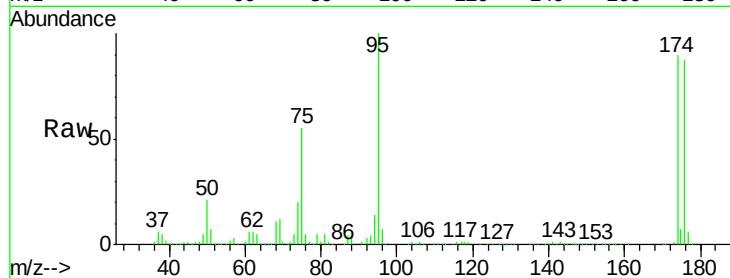




#76  
 1,2,3-Trichloropropane  
 Concen: 25.32 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.16 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

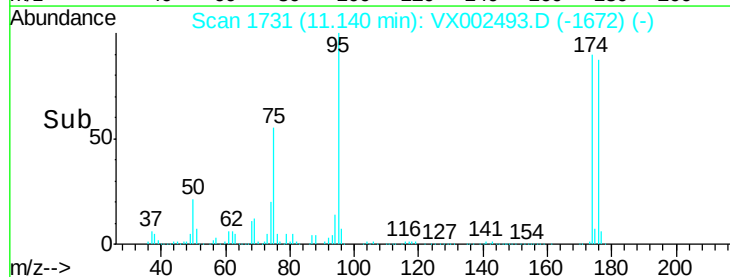
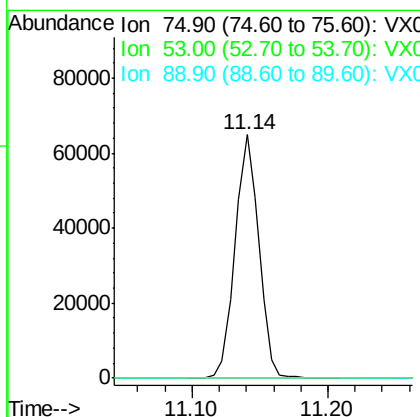
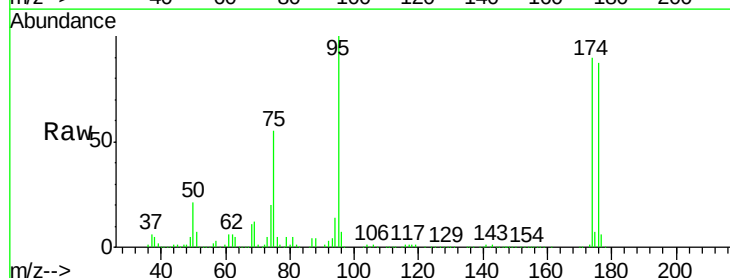
Instrument :  
 MSVOA\_X  
 ClientSampleId :

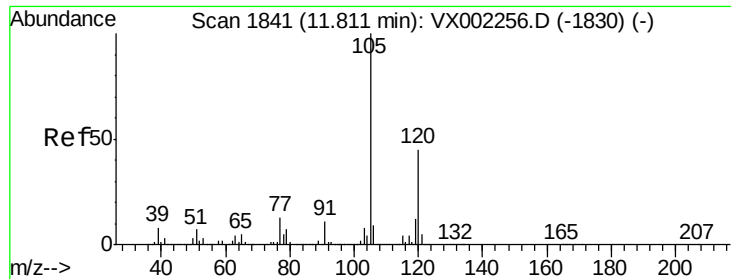
Tot Ion: 75 Resp: 78541  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 22.8 68.3#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 88.76 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.06 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

Tgt Ion: 75 Resp: 78541  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 86.8 130.2#  
 89 0.0 38.2 57.2#

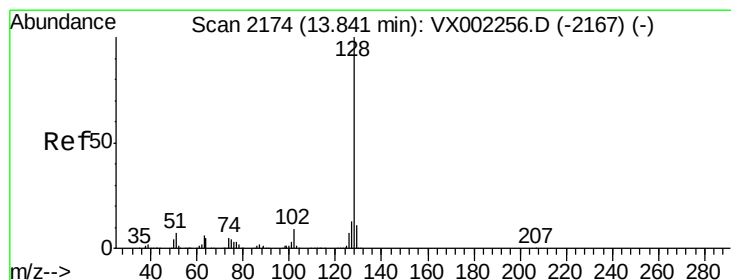
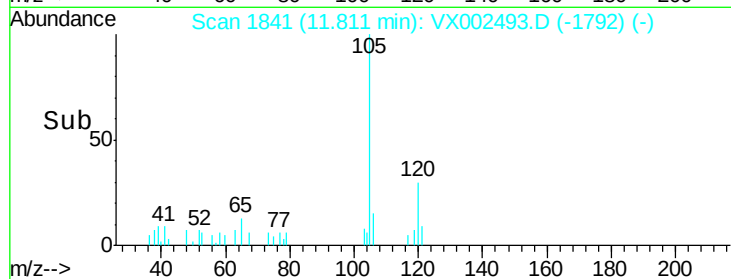
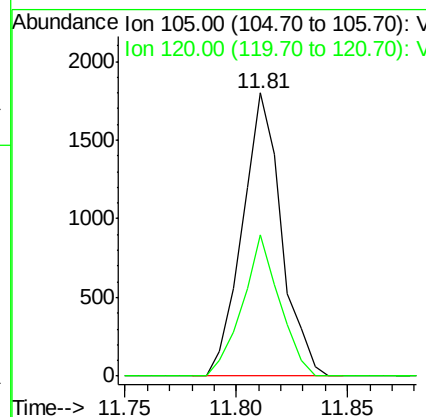
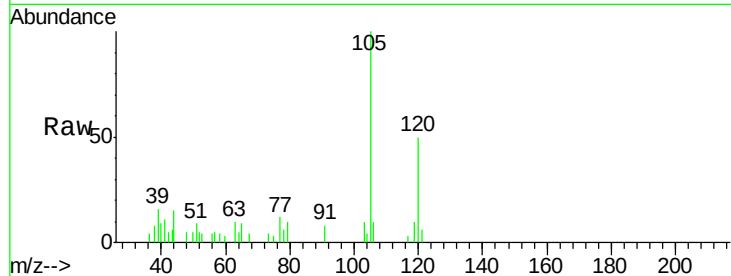




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.25 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:105 Resp: 2201  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 22.3 66.8



#95  
 Naphthalene  
 Concen: 50.79 ug/l  
 RT: 13.84 min Scan# 2174  
 Delta R.T. 0.00 min  
 Lab File: VX002493.D  
 Acq: 13 Jun 2018 03:58

Tgt Ion:128 Resp: 522645  
 Ion Ratio Lower Upper  
 128 100  
 127 13.3 10.4 15.6  
 129 10.9 8.6 13.0

