

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\  
 Data File : VX009858.D  
 Acq On : 23 May 2019 15:07  
 Operator : JC/SP  
 Sample : K2977-11 20X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 24 03:50:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

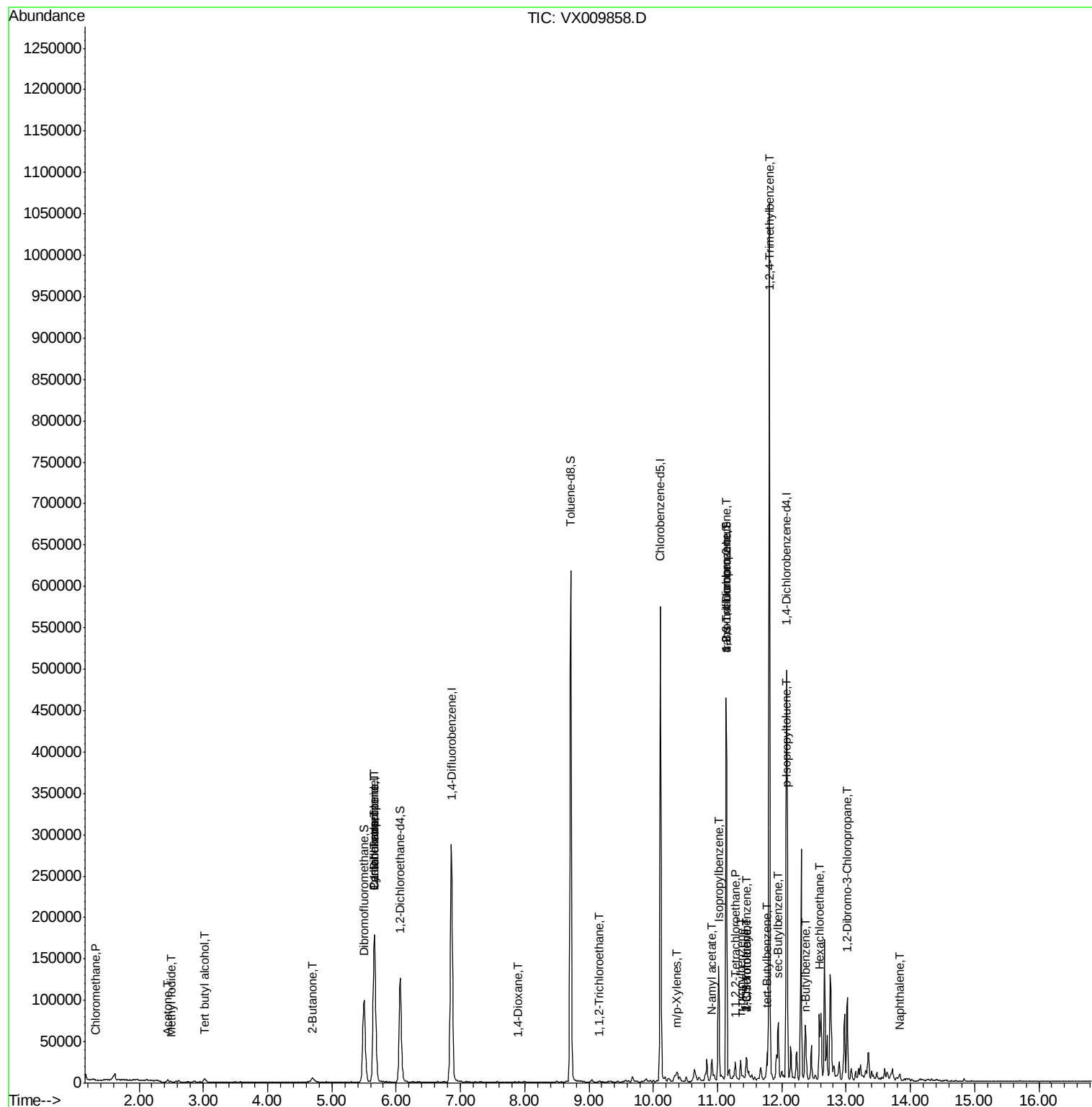
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 170898   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 272995   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.11  | 117  | 241398   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 98125    | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.06   | 65   | 117629   | 50.42     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 100.84% |          |
| 35) Dibromofluoromethane       | 5.50   | 113  | 84364    | 49.16     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 98.32%  |          |
| 50) Toluene-d8                 | 8.71   | 98   | 352455   | 50.87     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 101.74% |          |
| 62) 4-Bromofluorobenzene       | 11.13  | 95   | 115025   | 45.69     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 91.38%  |          |
| Target Compounds               |        |      |          | Qvalue    |         |          |
| 3) Chloromethane               | 1.32   | 50   | 538      | 0.250     | ug/l    | 91       |
| 10) Methyl Iodide              | 2.51   | 142  | 133      | 4.659     | ug/l #  | 42       |
| 11) Tert butyl alcohol         | 3.02   | 59   | 2875     | 5.324     | ug/l #  | 77       |
| 16) Acetone                    | 2.45   | 43   | 3263     | 2.605     | ug/l    | 100      |
| 25) 2-Butanone                 | 4.70   | 43   | 1799     | 0.924     | ug/l    | 98       |
| 28) Bromochloromethane         | 5.02   | 49   | 19       | Below Cal | #       | 20       |
| 31) Cyclohexane                | 5.66   | 56   | 4171     | 1.209     | ug/l #  | 7        |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 14070    | 5.546     | ug/l #  | 50       |
| 38) Carbon Tetrachloride       | 5.66   | 117  | 16335    | 7.087     | ug/l #  | 17       |
| 49) 1,4-Dioxane                | 7.89   | 88   | 25       | 0.439     | ug/l #  | 1        |
| 55) 1,1,2-Trichloroethane      | 9.16   | 97   | 499      | 0.256     | ug/l #  | 15       |
| 68) m/p-Xylenes                | 10.36  | 106  | 711      | 0.219     | ug/l    | 74       |
| 73) Isopropylbenzene           | 11.02  | 105  | 68631    | 9.618     | ug/l    | 99       |
| 74) N-amyl acetate             | 10.91  | 43   | 1251     | 0.301     | ug/l #  | 1        |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27  | 83   | 1170     | 0.440     | ug/l #  | 41       |
| 76) 1,2,3-Trichloropropane     | 11.13  | 75   | 59484    | 26.134    | ug/l #  | 34       |
| 78) n-propylbenzene            | 11.36  | 91   | 14238    | 1.747     | ug/l    | 100      |
| 79) 2-Chlorotoluene            | 11.45  | 91   | 1340     | 0.267     | ug/l #  | 42       |
| 80) 1,3,5-Trimethylbenzene     | 11.45  | 105  | 11013    | 1.833     | ug/l #  | 28       |
| 81) trans-1,4-Dichloro-2-buten | 11.13  | 75   | 59484    | 66.867    | ug/l #  | 10       |
| 82) 4-Chlorotoluene            | 11.45  | 91   | 1340     | 0.236     | ug/l #  | 46       |
| 83) tert-Butylbenzene          | 11.77  | 119  | 7283     | 1.246     | ug/l    | 83       |
| 84) 1,2,4-Trimethylbenzene     | 11.80  | 105  | 439433   | 72.867    | ug/l    | 99       |
| 85) sec-Butylbenzene           | 11.94  | 105  | 32712    | 4.721     | ug/l #  | 78       |
| 86) p-Isopropyltoluene         | 12.06  | 119  | 10415    | 1.672     | ug/l    | 94       |
| 89) n-Butylbenzene             | 12.38  | 91   | 9255     | 1.644     | ug/l #  | 49       |
| 90) Hexachloroethane           | 12.58  | 117  | 3414     | 3.217     | ug/l #  | 7        |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01  | 75   | 393      | 0.659     | ug/l #  | 2        |
| 95) Naphthalene                | 13.83  | 128  | 3988     | 0.557     | ug/l #  | 96       |

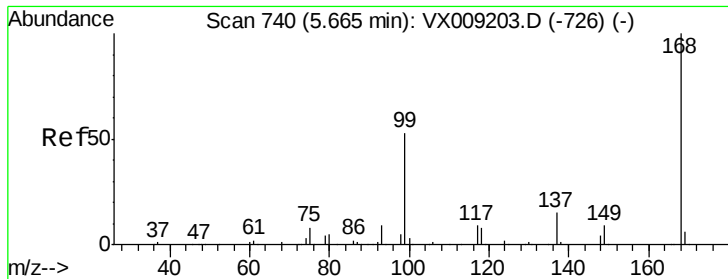
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\  
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Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: May 24 03:50:43 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:31:15 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

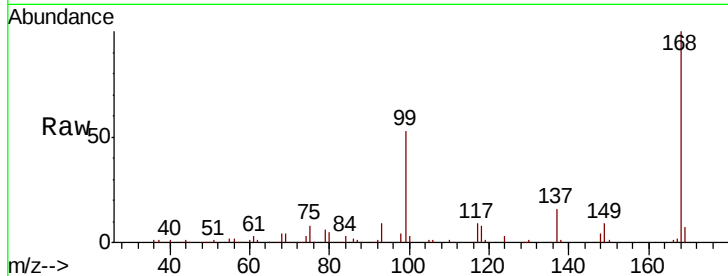
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 170898

Ion Ratio Lower Upper

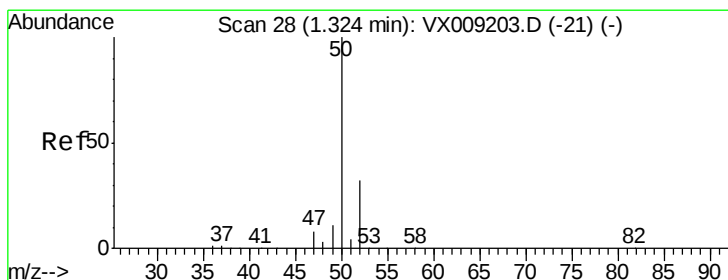
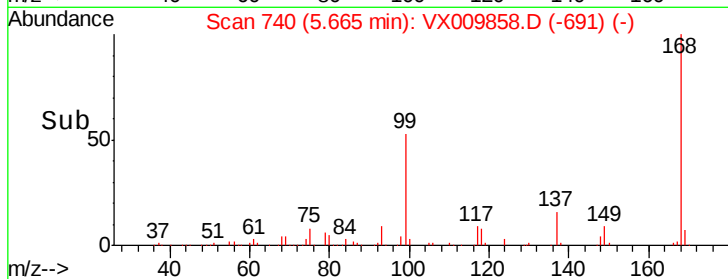
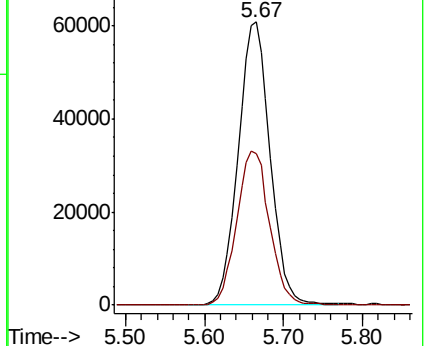
168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.250 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009858.D

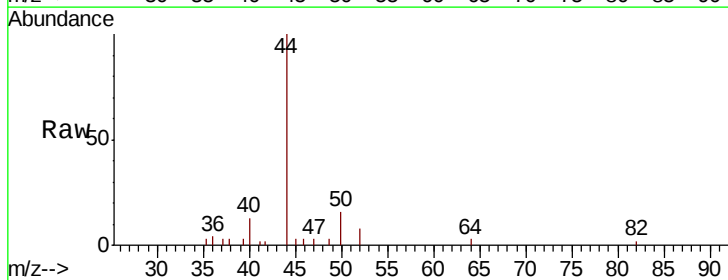
Acq: 23 May 2019 15:07

Tgt Ion: 50 Resp: 538

Ion Ratio Lower Upper

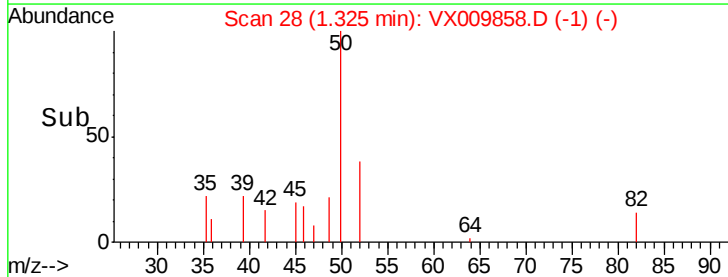
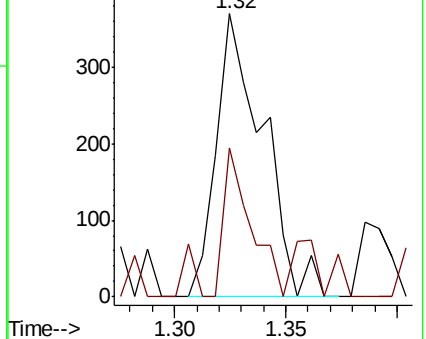
50 100

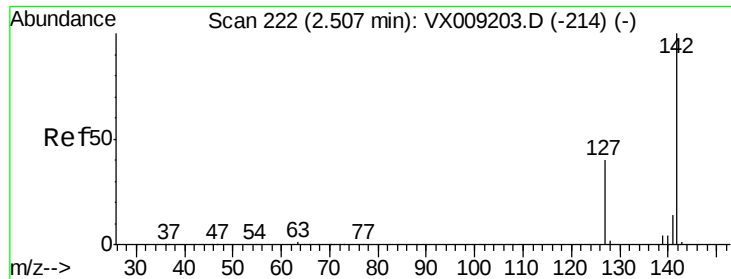
52 37.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

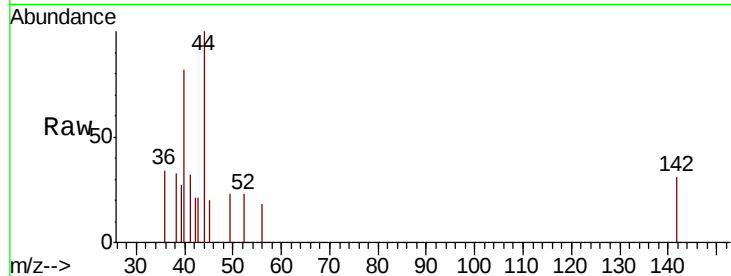




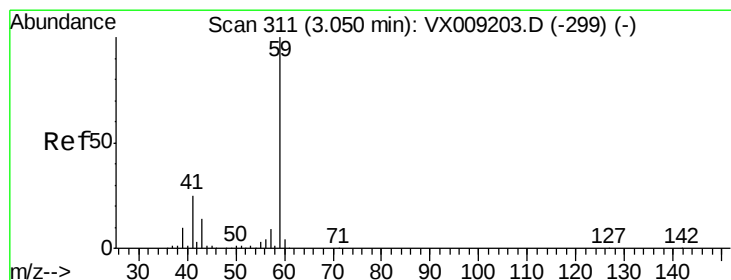
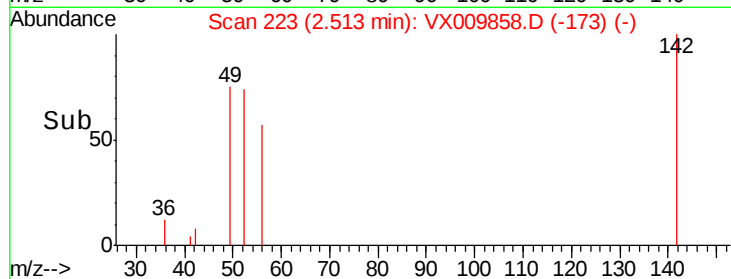
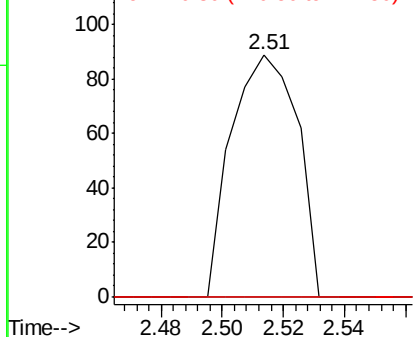
#10  
Methvl Iodide  
Concen: 4.659 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. 0.01 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:142 Resp: 133  
Ion Ratio Lower Upper  
142 100  
127 0.0 32.7 49.1#  
141 0.0 11.5 17.3#

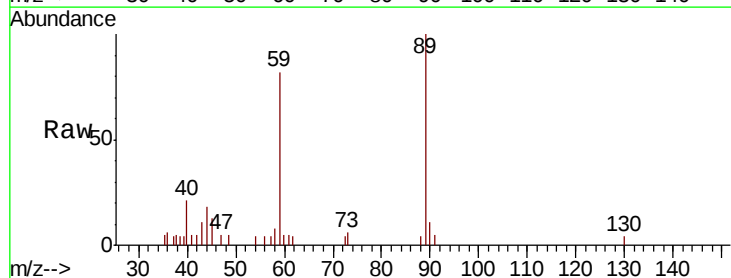


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

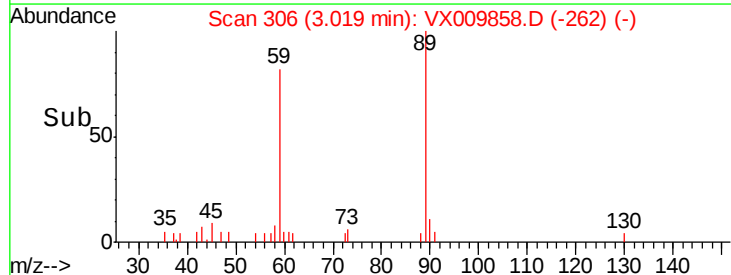
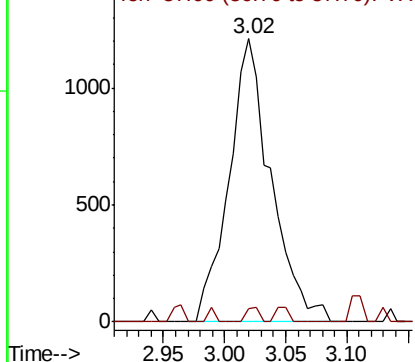


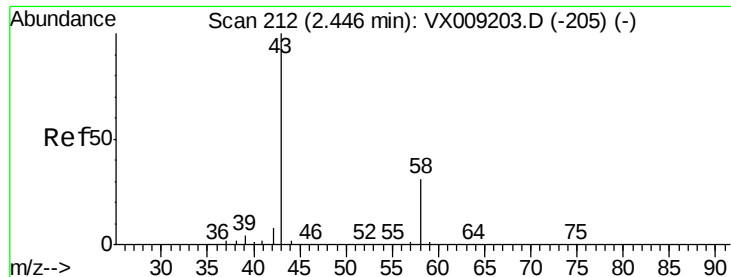
#11  
Tert butyl alcohol  
Concen: 5.324 ug/l  
RT: 3.02 min Scan# 306  
Delta R.T. -0.03 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Tgt Ion: 59 Resp: 2875  
Ion Ratio Lower Upper  
59 100  
57 1.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0  
Ion 57.00 (56.70 to 57.70): VX0

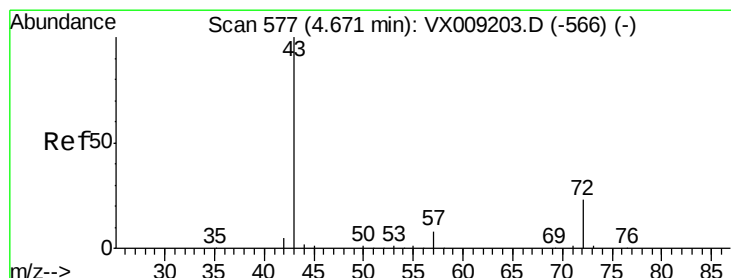
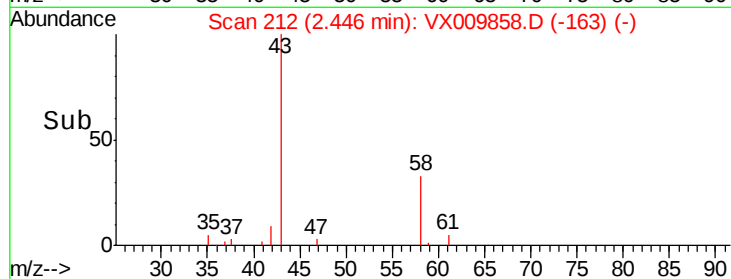
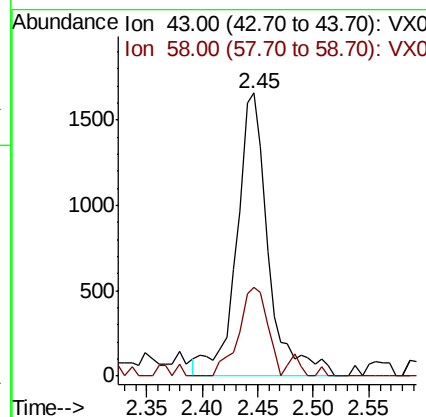
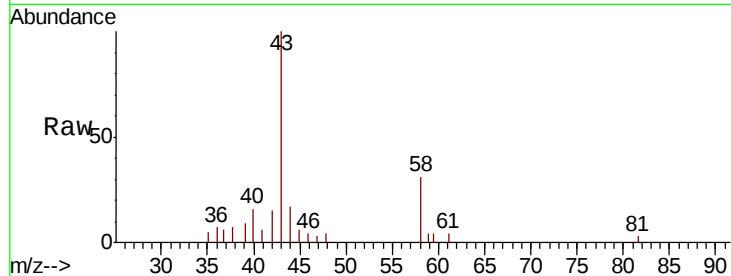




#16  
 Acetone  
 Concen: 2.605 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

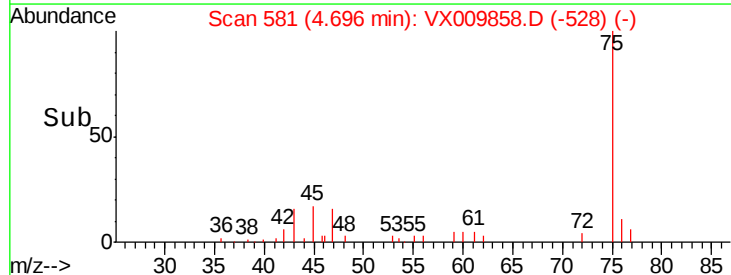
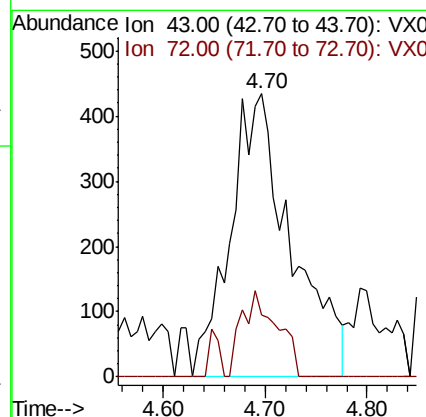
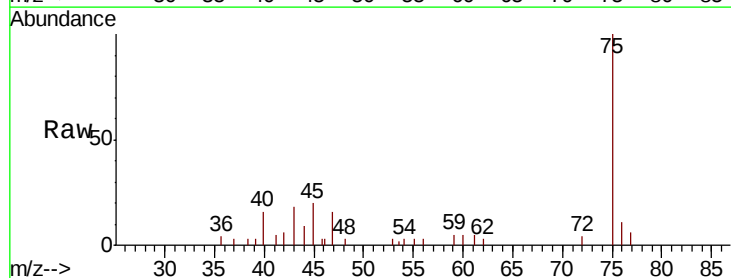
Instrument :  
 MSVOA\_X  
 ClientSampleId :

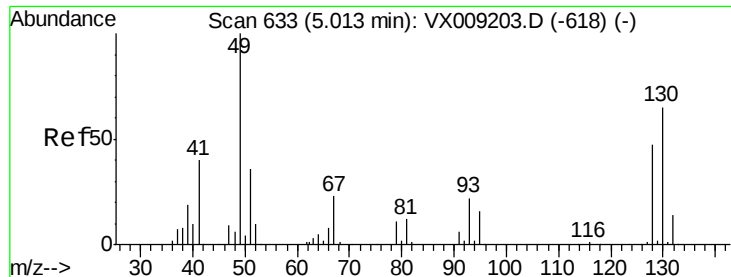
Tot Ion: 43 Resp: 3263  
 Ion Ratio Lower Upper  
 43 100  
 58 31.2 24.9 37.3



#25  
 2-Butanone  
 Concen: 0.924 ug/l  
 RT: 4.70 min Scan# 581  
 Delta R.T. 0.02 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

Tgt Ion: 43 Resp: 1799  
 Ion Ratio Lower Upper  
 43 100  
 72 21.9 18.2 27.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

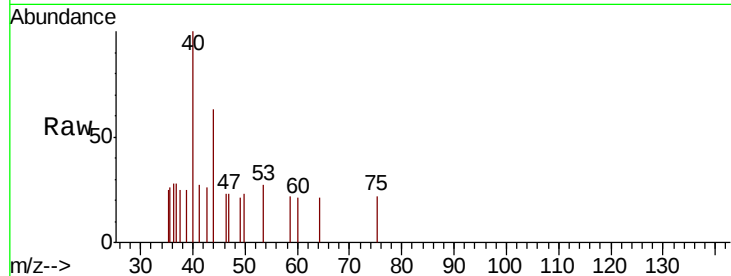
Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 49 Resp: 19

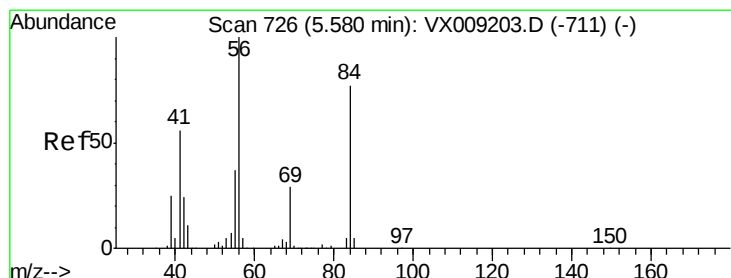
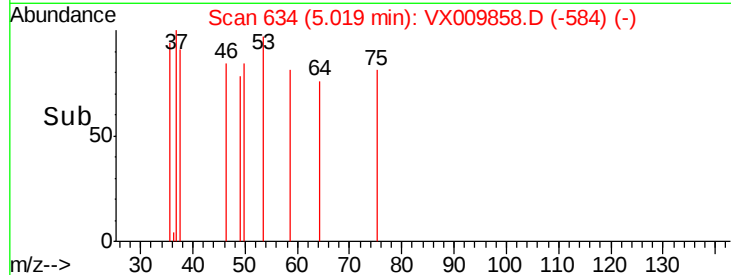
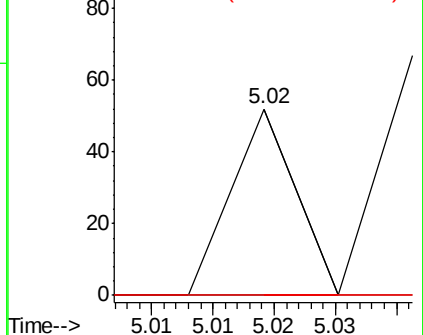
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.8   |
| 130 | 0.0   | 51.2  | 76.8# |



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



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 5.66 min Scan# 739

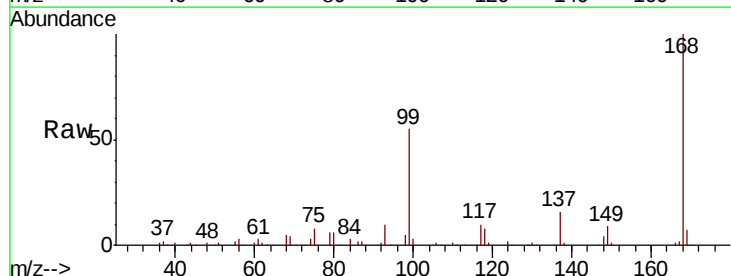
Delta R.T. 0.08 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Tgt Ion: 56 Resp: 4171

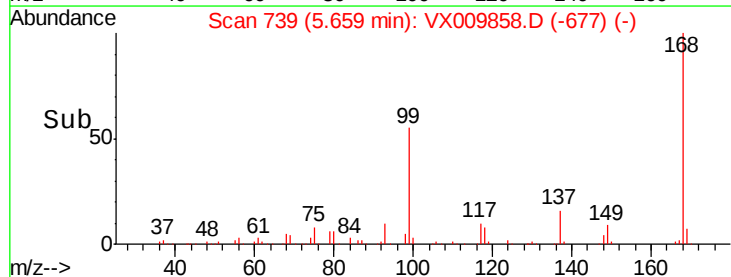
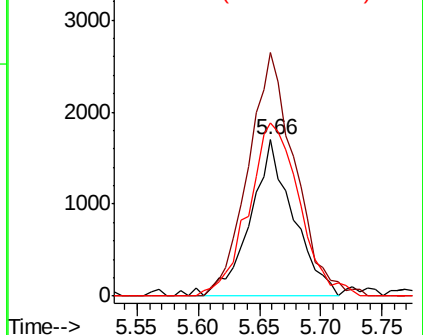
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 155.6 | 23.4  | 35.0# |
| 84  | 111.0 | 61.9  | 92.9# |



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.420 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

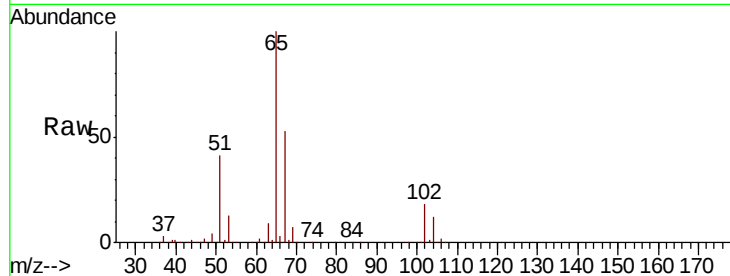
ClientSampled :

Tot Ion: 65 Resp: 117629

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

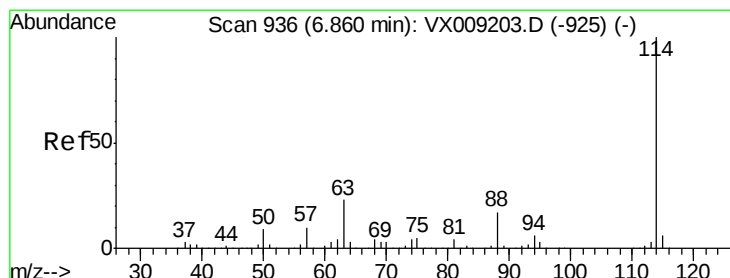
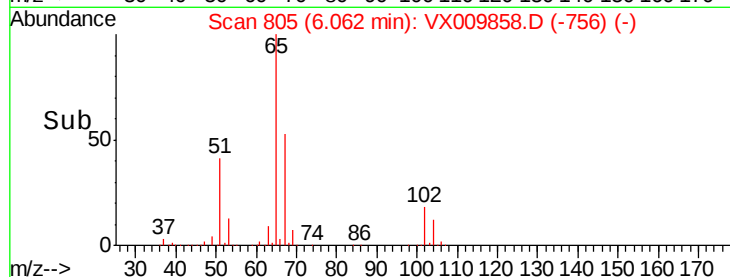
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

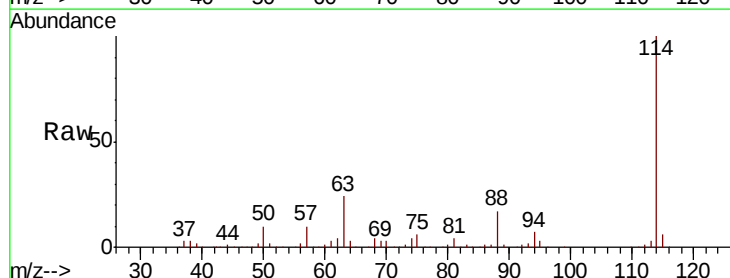
Tgt Ion: 114 Resp: 272995

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.6

88 16.9 0.0 33.2



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

150000

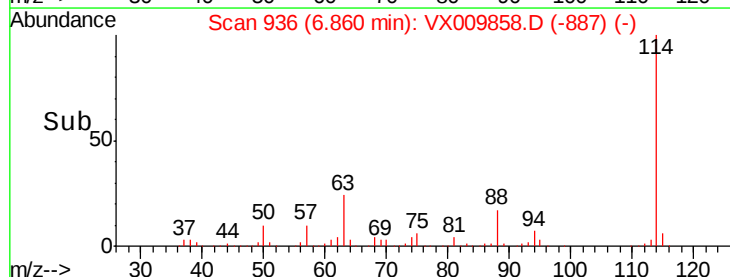
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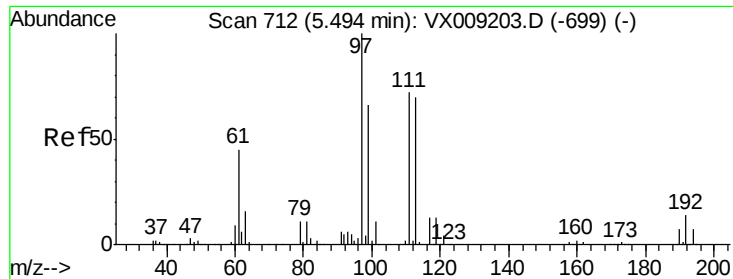
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Time-->

6.80 6.90 7.00

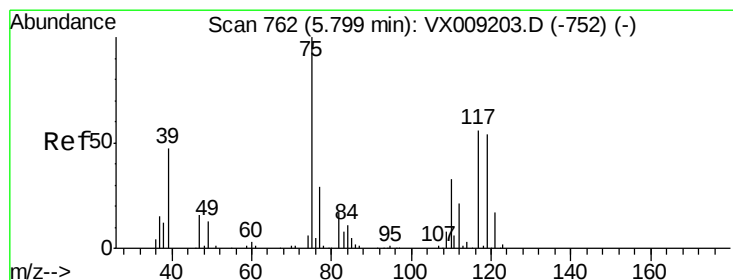
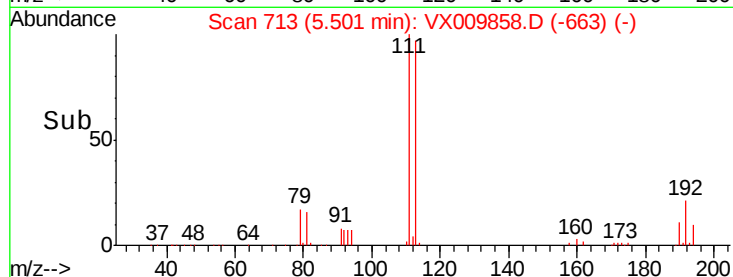
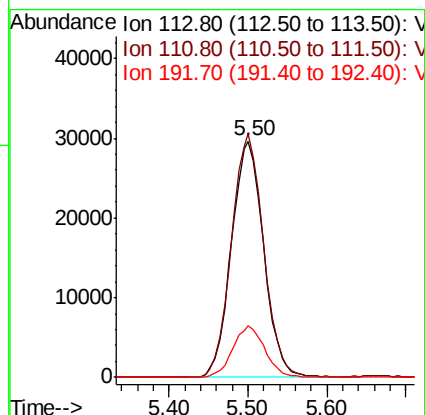
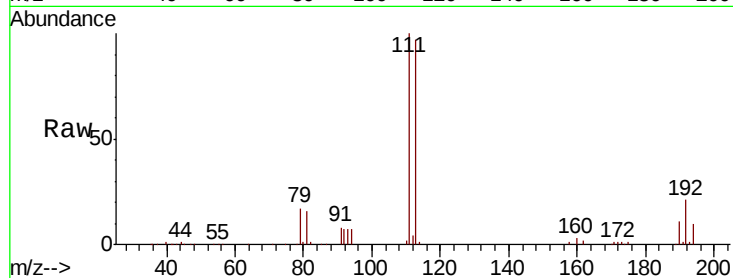




#35  
 Dibromofluoromethane  
 Concen: 49.159 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

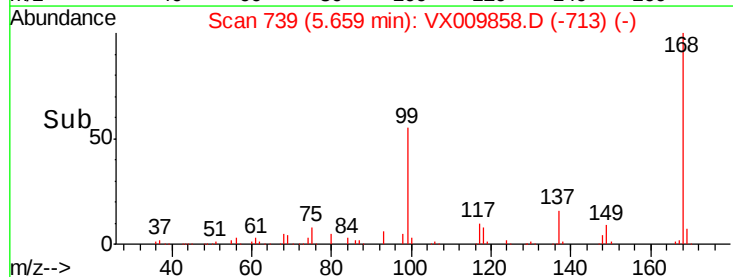
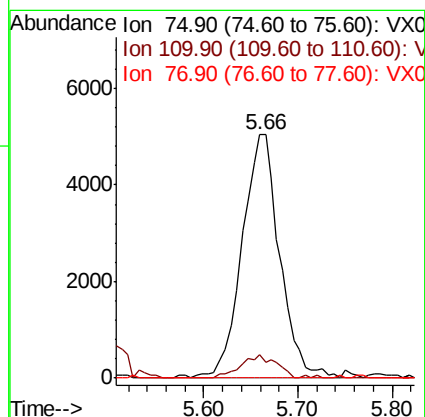
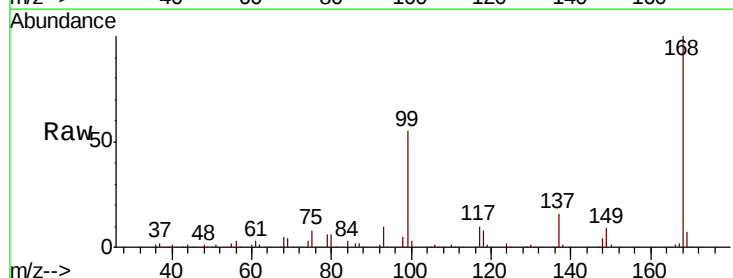
Instrument :  
 MSVOA\_X  
 ClientSampleId :

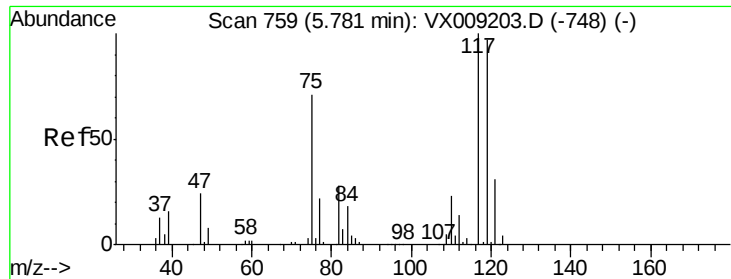
Tot Ion:113 Resp: 84364  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 82.8 124.2  
 192 21.6 17.0 25.6



#36  
 1,1-Dichloropropene  
 Concen: 5.546 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

Tgt Ion: 75 Resp: 14070  
 Ion Ratio Lower Upper  
 75 100  
 110 9.0 16.9 50.6#  
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.087 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

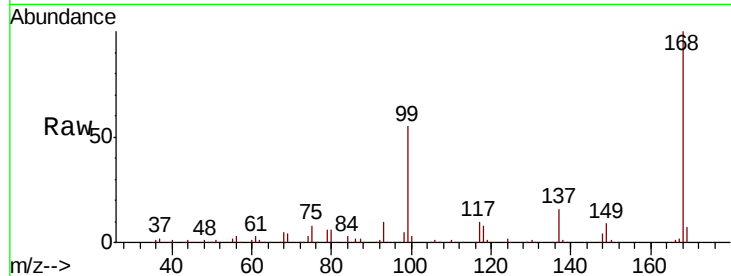
Tot Ion:117 Resp: 16335

Ion Ratio Lower Upper

117 100

119 7.3 77.5 116.3#

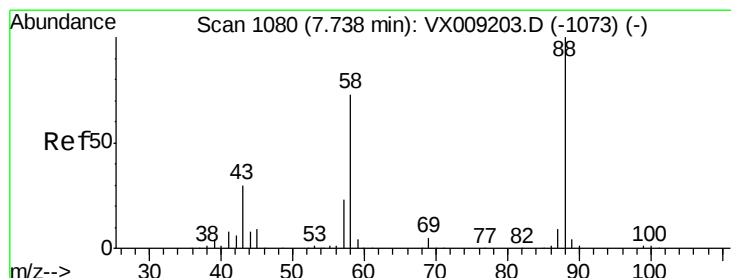
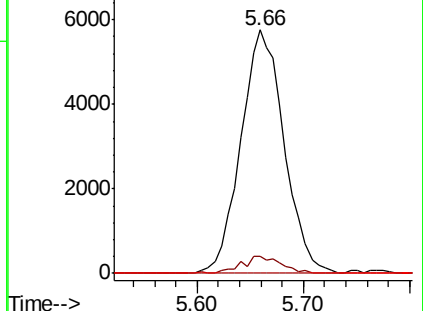
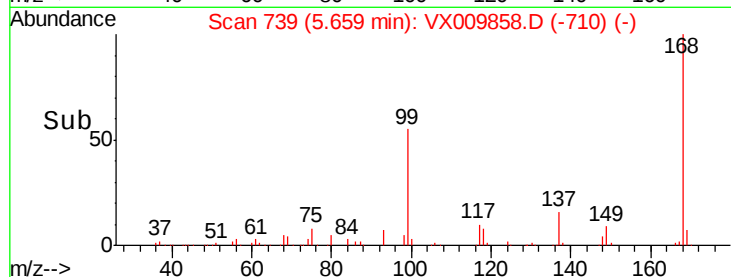
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.439 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.15 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

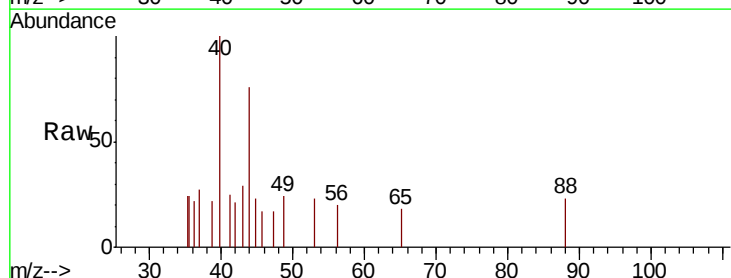
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 552.0 28.6 42.8#

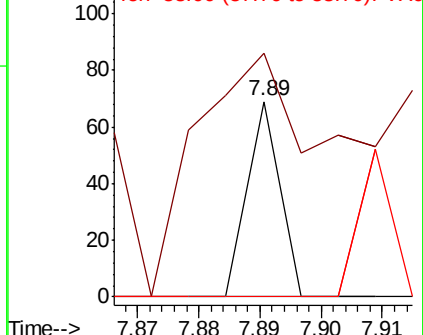
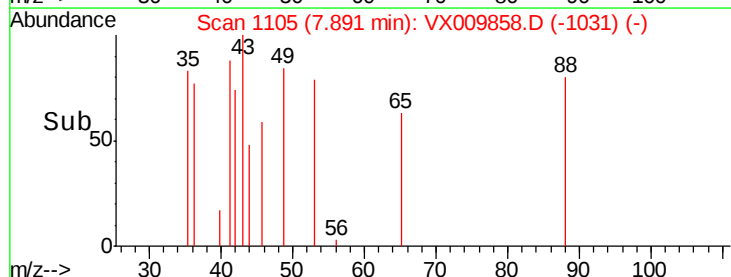
58 0.0 61.7 92.5#

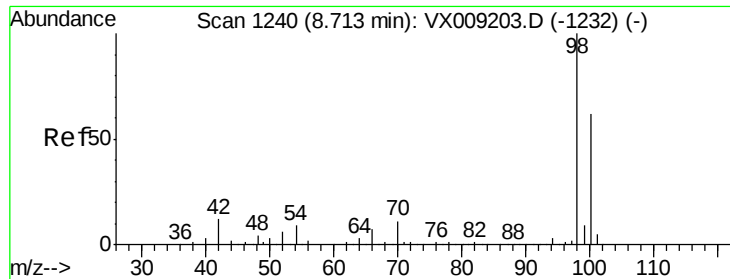


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

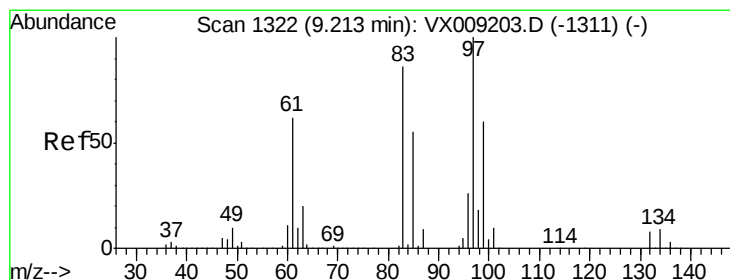
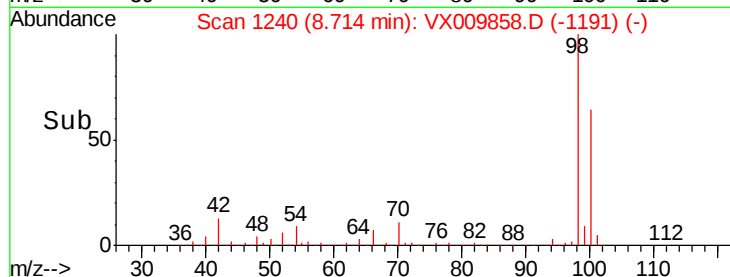
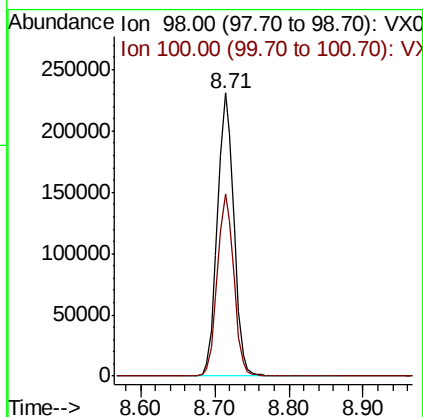
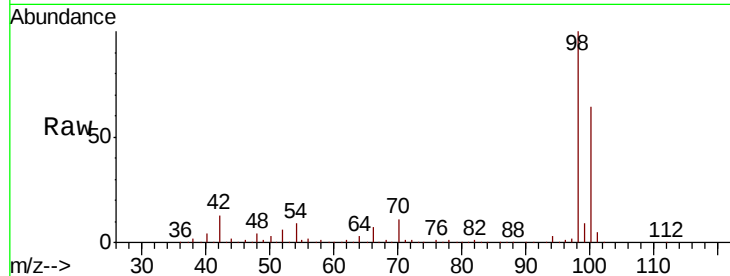




#50  
Toluene-d8  
Concen: 50.870 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

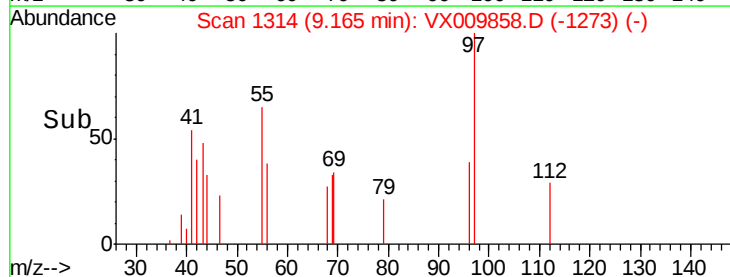
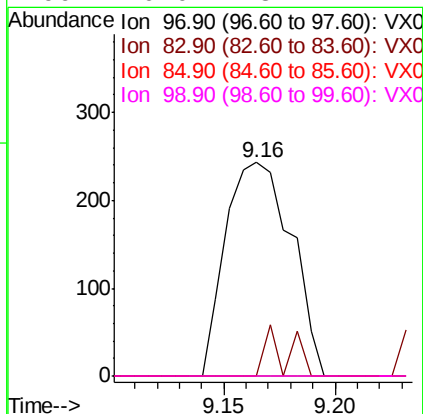
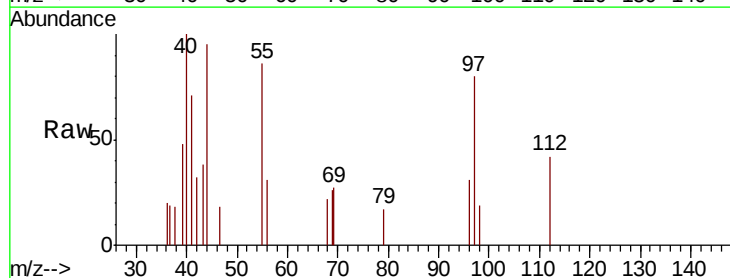
Instrument :  
MSVOA\_X  
ClientSampleId :

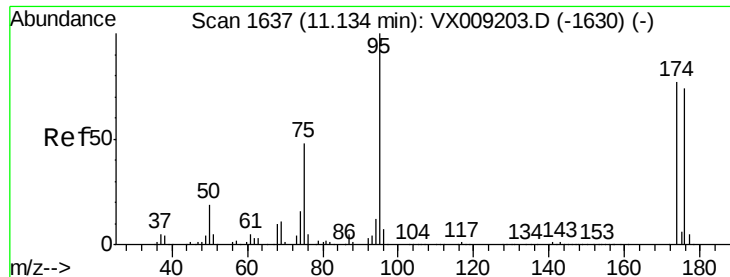
Tot Ion: 98 Resp: 352455  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.2 76.8



#55  
1,1,2-Trichloroethane  
Concen: 0.256 ug/l  
RT: 9.16 min Scan# 1314  
Delta R.T. -0.05 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Tgt Ion: 97 Resp: 499  
Ion Ratio Lower Upper  
97 100  
83 0.0 68.9 103.3#  
85 0.0 43.8 65.6#  
99 0.0 48.2 72.2#





#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

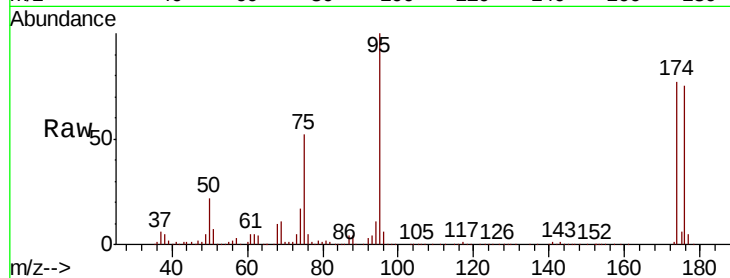
Tot Ion: 95 Resp: 115025

Ion Ratio Lower Upper

95 100

174 80.2 0.0 161.6

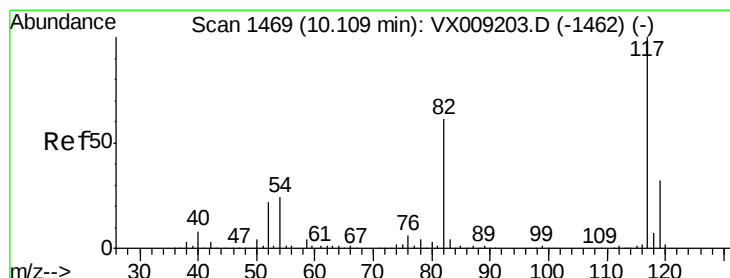
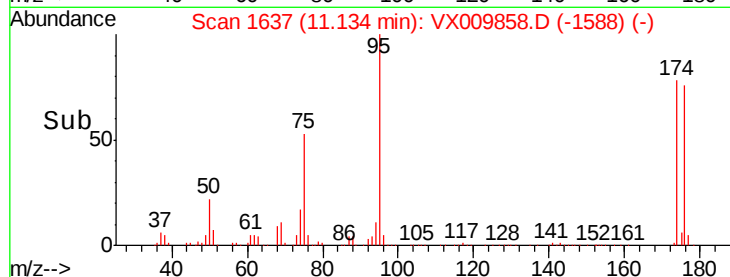
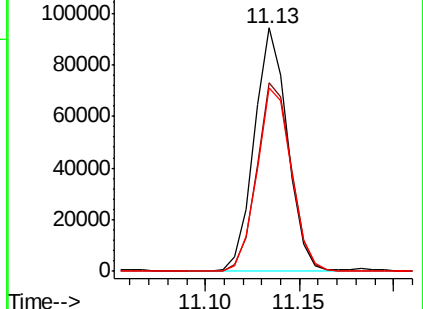
176 78.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009858.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009858.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009858.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

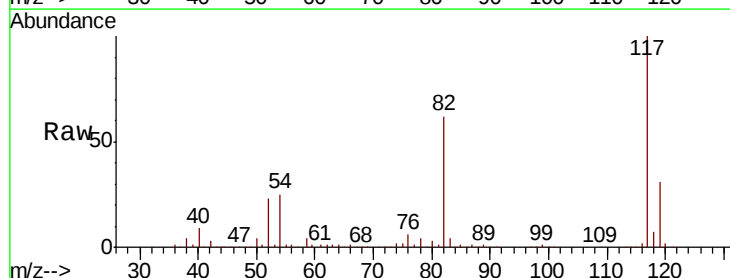
Tgt Ion: 117 Resp: 241398

Ion Ratio Lower Upper

117 100

82 61.8 48.8 73.2

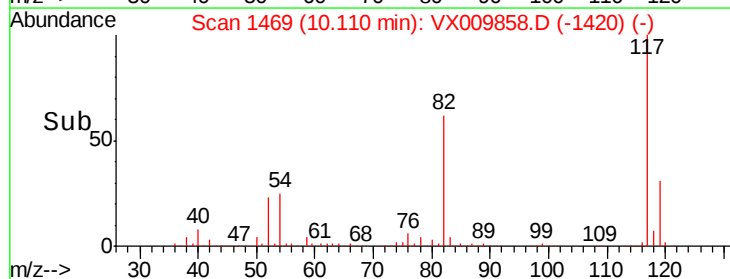
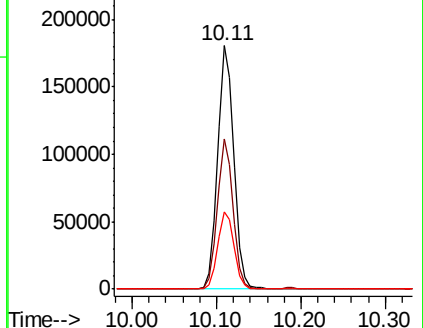
119 31.5 25.8 38.6

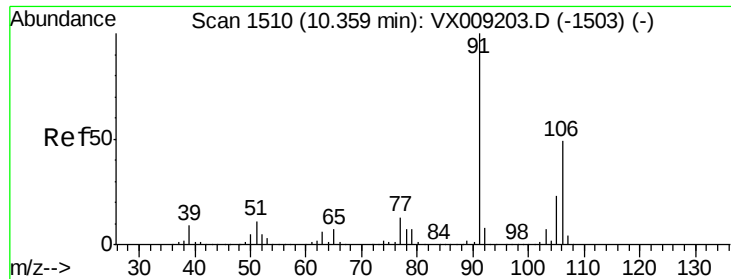


Abundance Ion 116.90 (116.60 to 117.60): VX009858.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009858.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009858.D (-1420) (-)

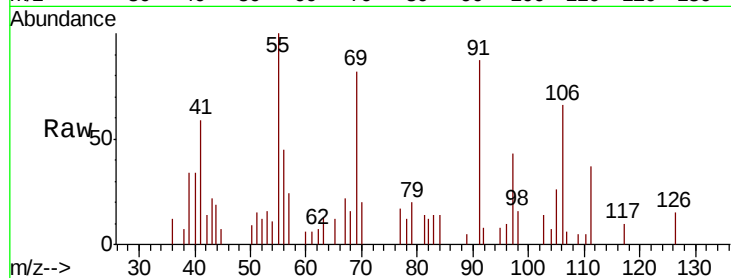




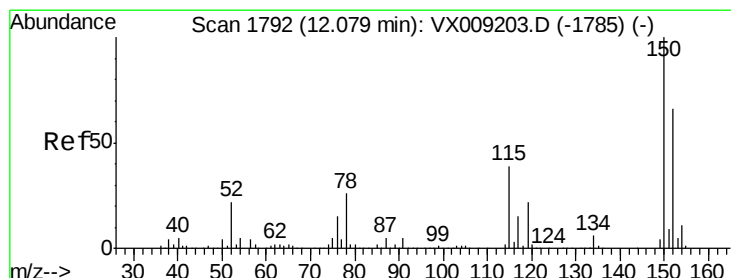
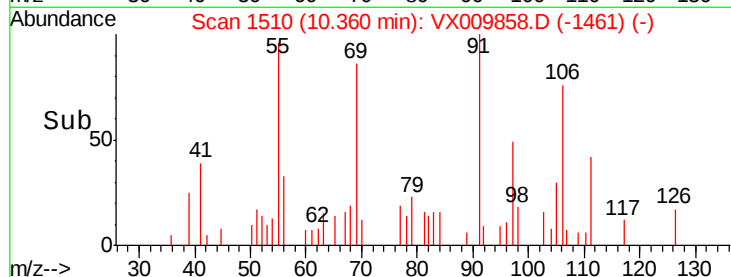
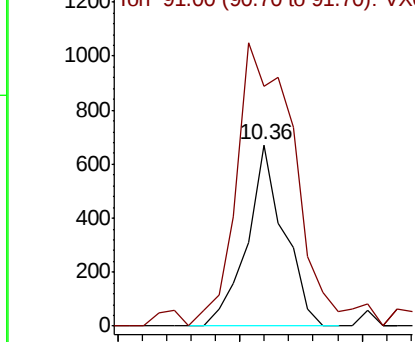
#68  
m/p-Xvlenes  
Concen: 0.219 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:106 Resp: 711  
Ion Ratio Lower Upper  
106 100  
91 244.7 164.0 246.0

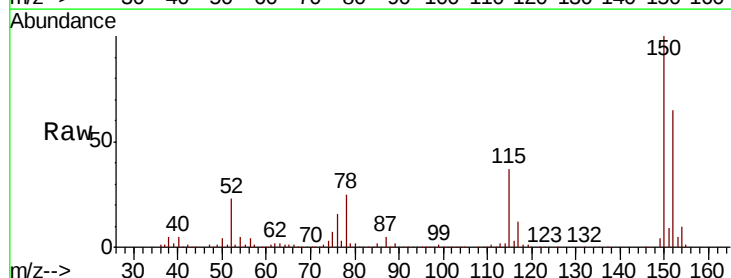


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

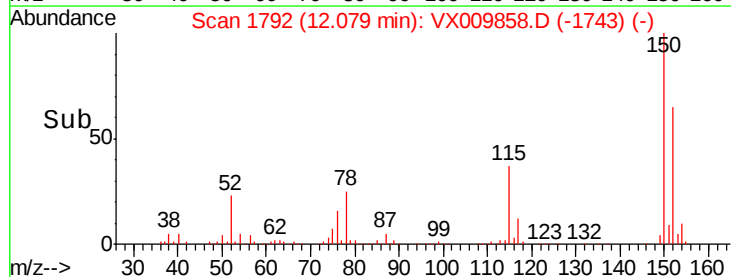
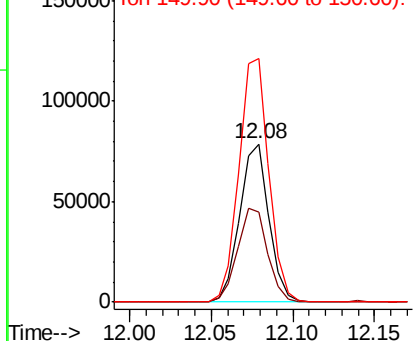


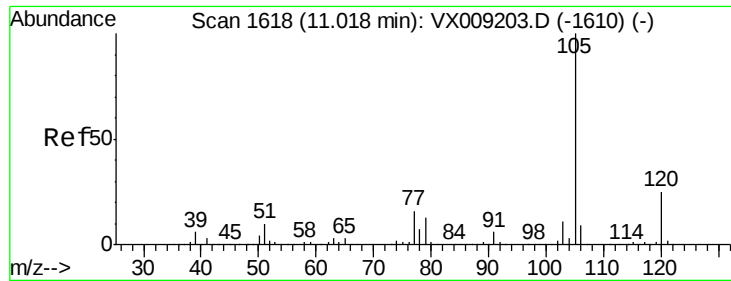
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Tgt Ion:152 Resp: 98125  
Ion Ratio Lower Upper  
152 100  
115 61.1 41.2 123.6  
150 157.4 0.0 346.4



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





#73

Isopropylbenzene

Concen: 9.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

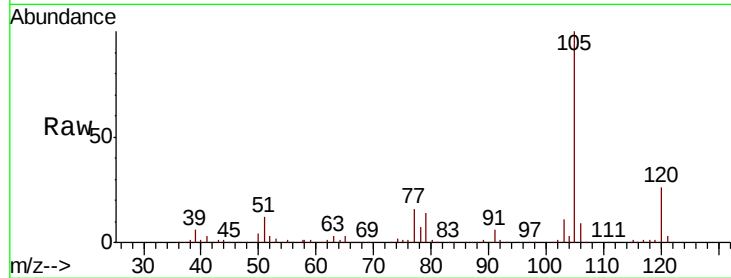
ClientSampleId :

Tot Ion:105 Resp: 68631

Ion Ratio Lower Upper

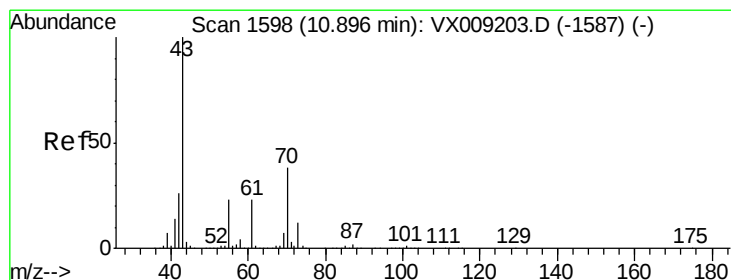
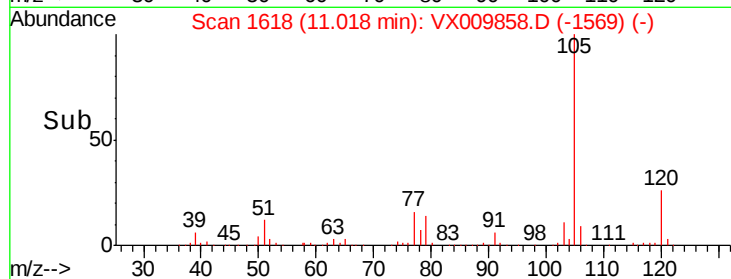
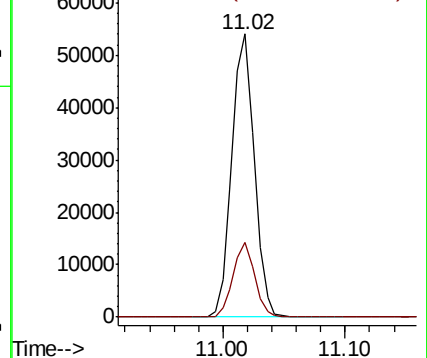
105 100

120 25.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.301 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Tgt Ion: 43 Resp: 1251

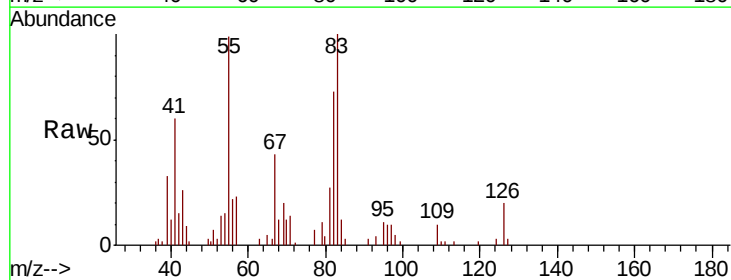
Ion Ratio Lower Upper

43 100

70 65.4 30.0 45.0#

55 473.4 17.9 26.9#

61 0.0 18.4 27.6#

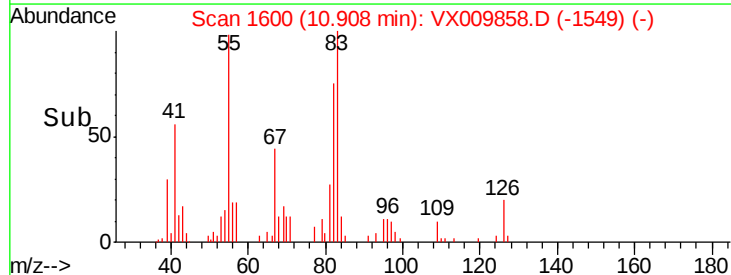
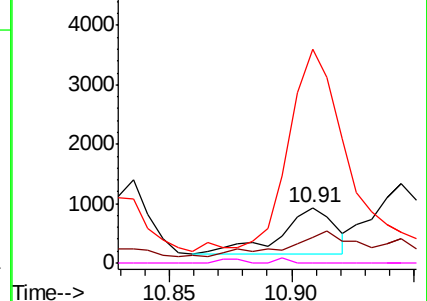


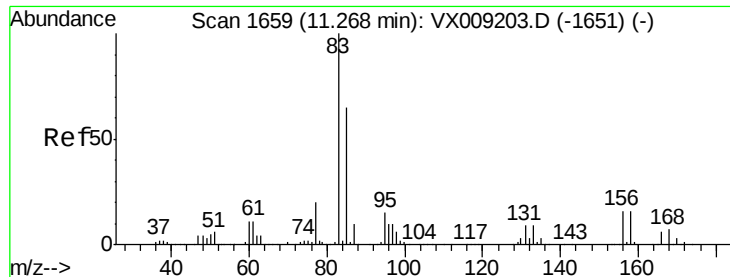
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.440 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

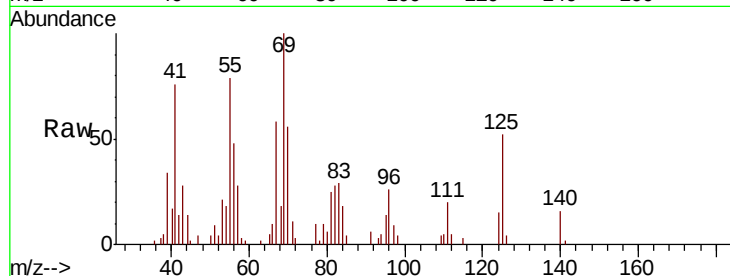
Tot Ion: 83 Resp: 1170

Ion Ratio Lower Upper

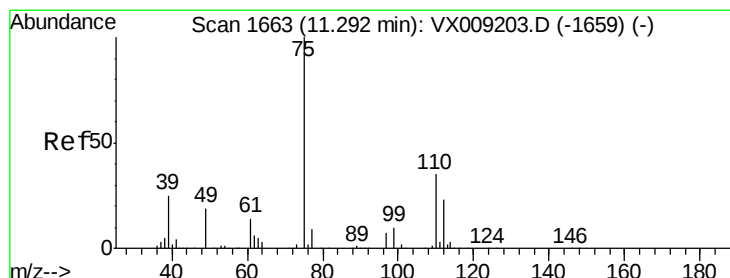
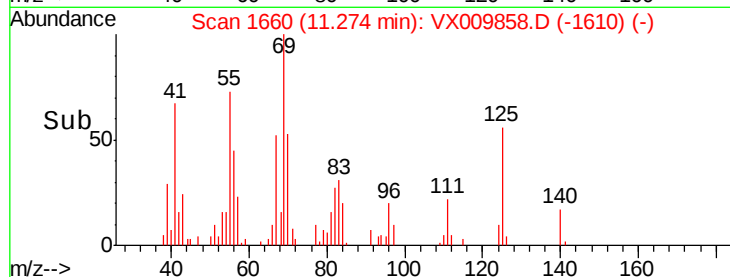
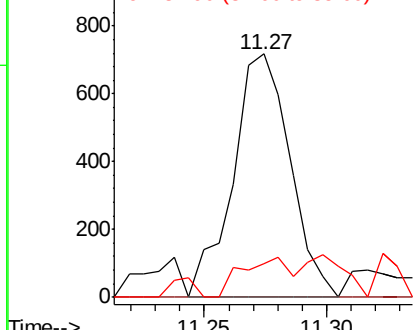
83 100

131 0.0 4.6 13.8#

85 14.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009858.D

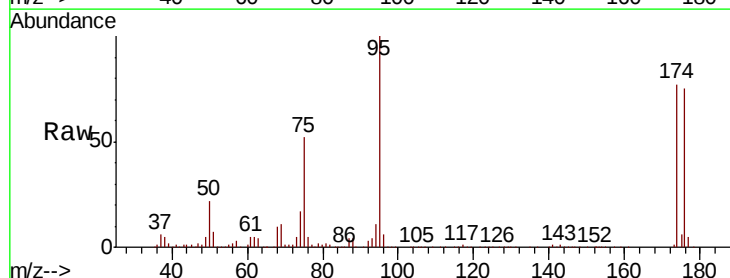
Acq: 23 May 2019 15:07

Tgt Ion: 75 Resp: 59484

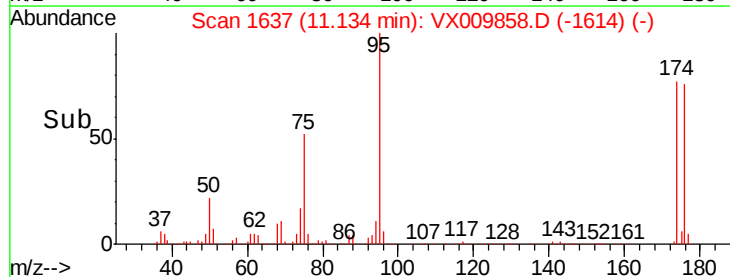
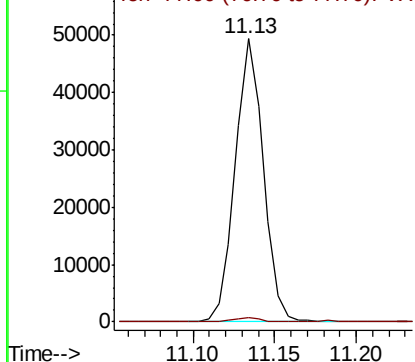
Ion Ratio Lower Upper

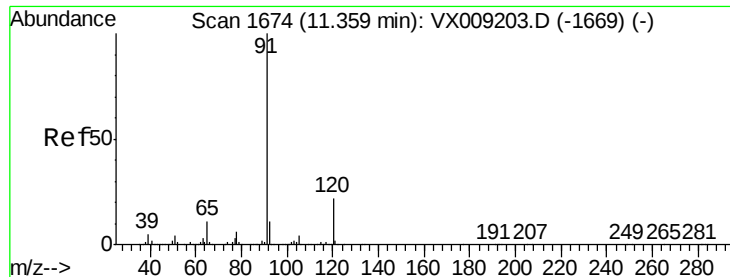
75 100

77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA\_X

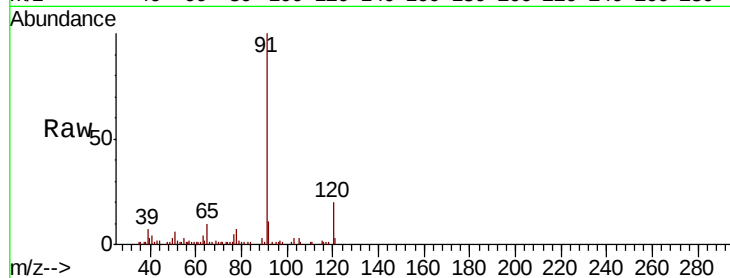
ClientSampleId :

Tot Ion: 91 Resp: 14238

Ion Ratio Lower Upper

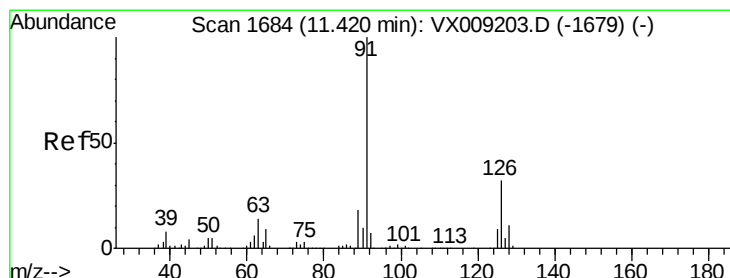
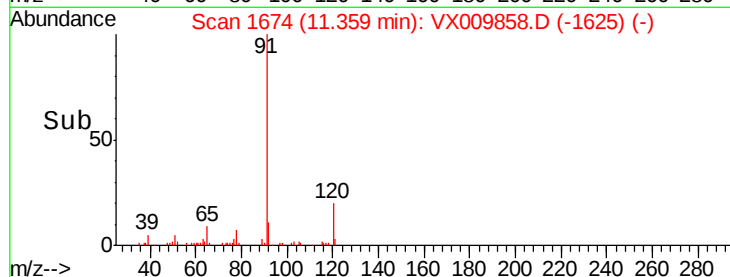
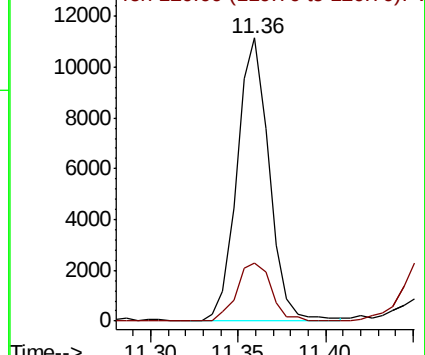
91 100

120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.267 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009858.D

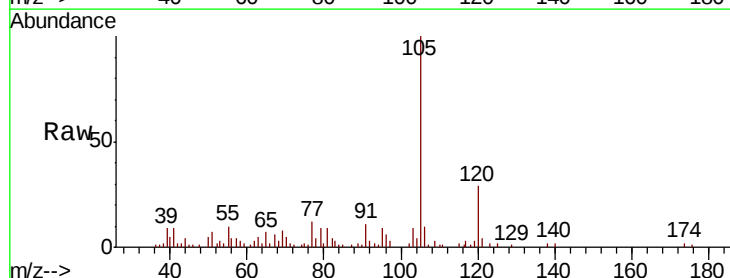
Acq: 23 May 2019 15:07

Tgt Ion: 91 Resp: 1340

Ion Ratio Lower Upper

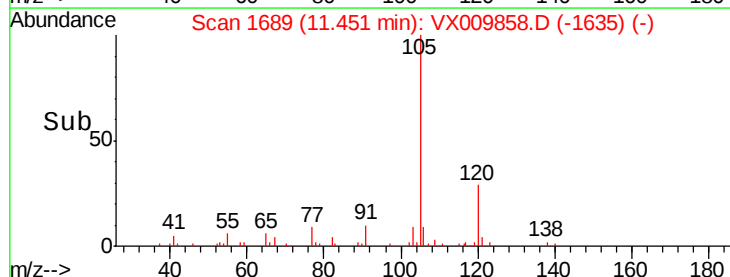
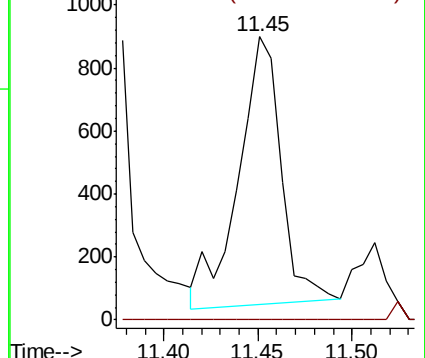
91 100

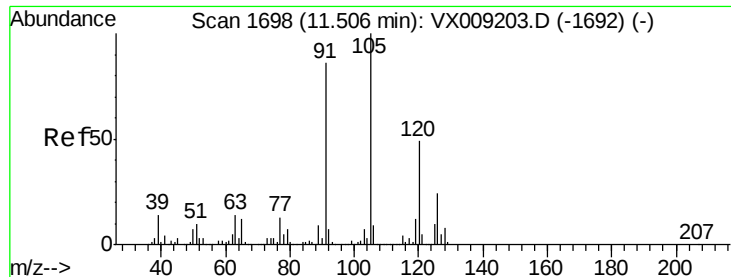
126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

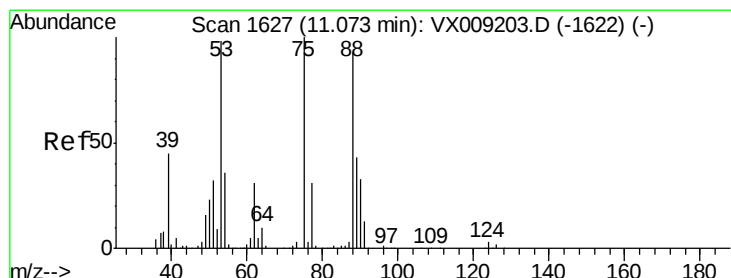
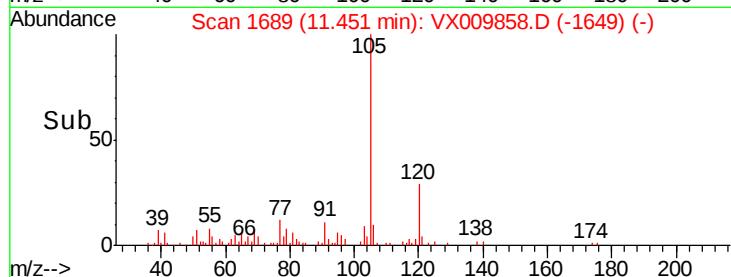
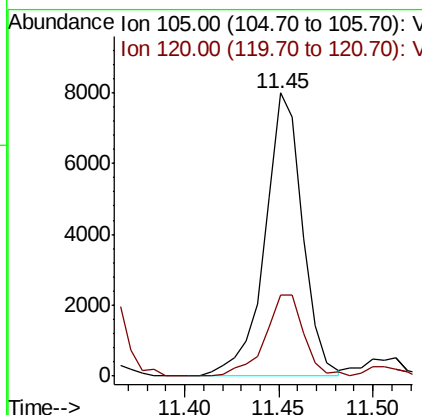
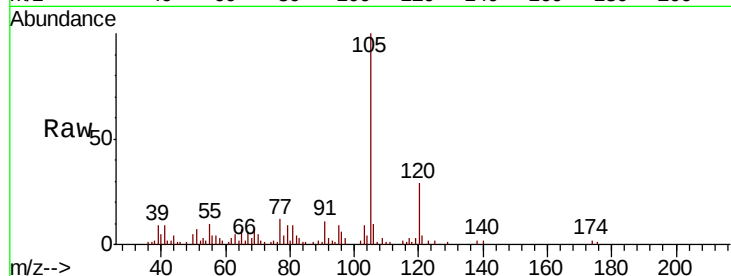




#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.833 ug/l  
 RT: 11.45 min Scan# 1689  
 Delta R.T. -0.05 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

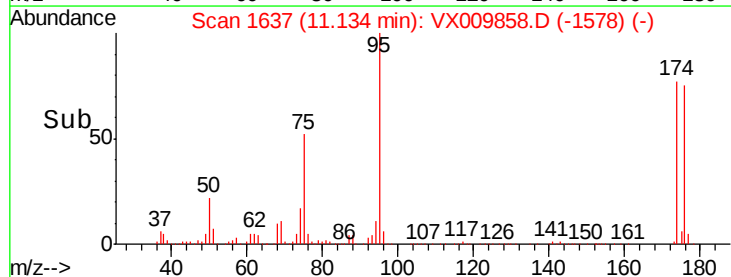
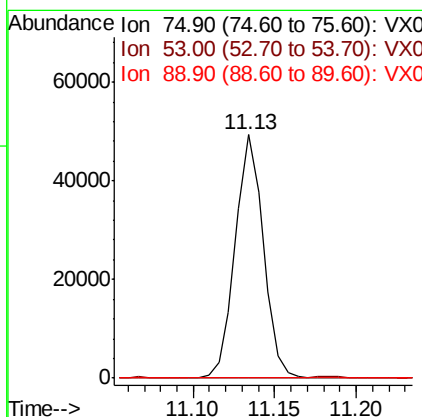
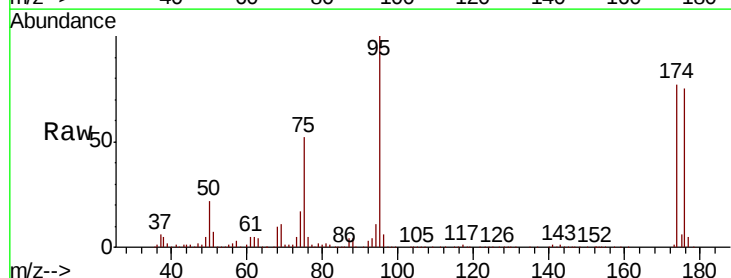
Instrument :  
 MSVOA\_X  
 ClientSampled :

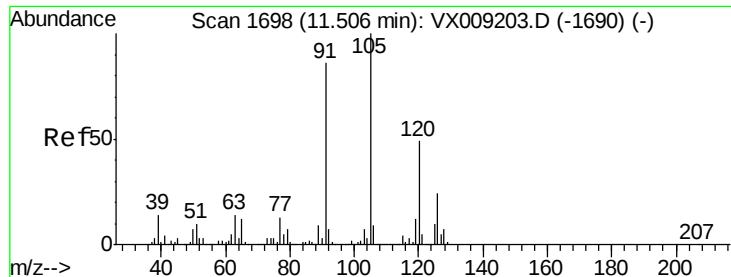
Tot Ion:105 Resp: 11013  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 24.3 72.9#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 66.867 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

Tgt Ion: 75 Resp: 59484  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 79.0 118.6#  
 89 0.1 34.7 52.1#

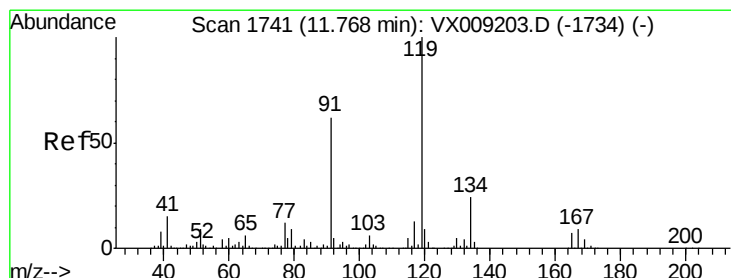
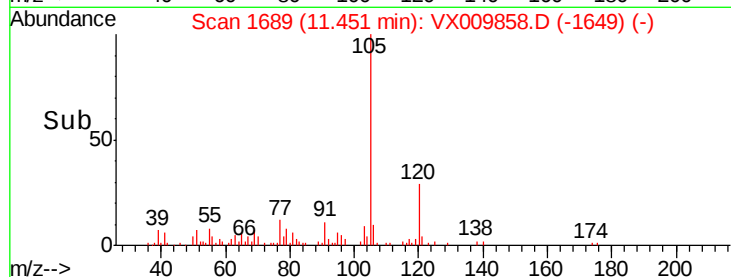
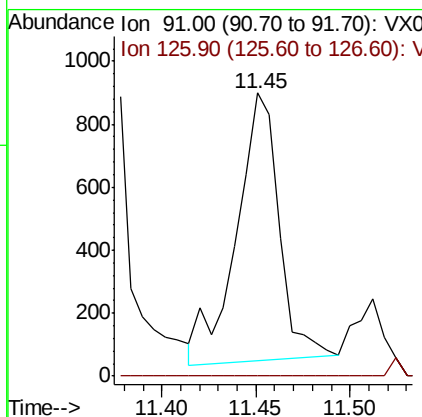
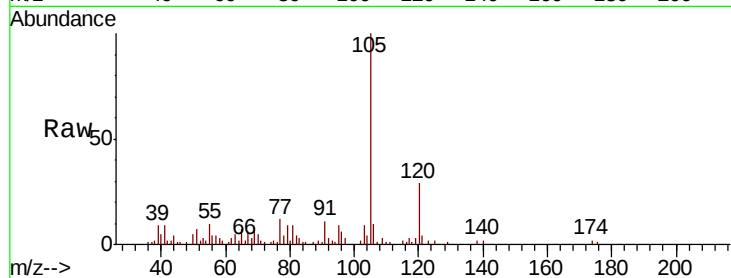




#82  
4-Chlorotoluene  
Concen: 0.236 ug/l  
RT: 11.45 min Scan# 1689  
Delta R.T. -0.05 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

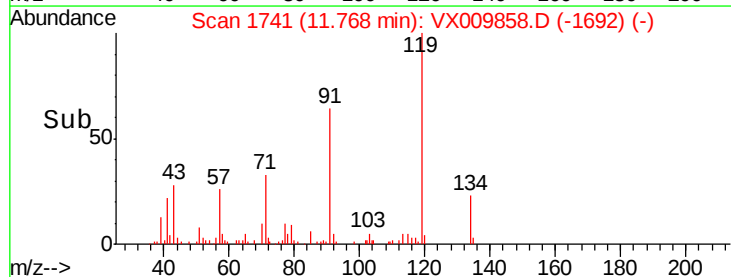
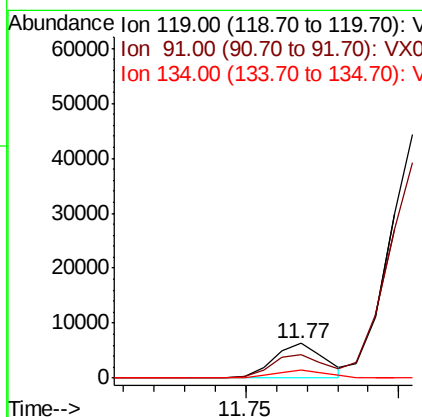
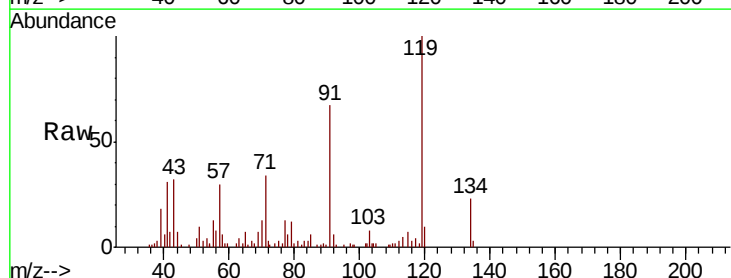
Instrument :  
MSVOA\_X  
ClientSampled :

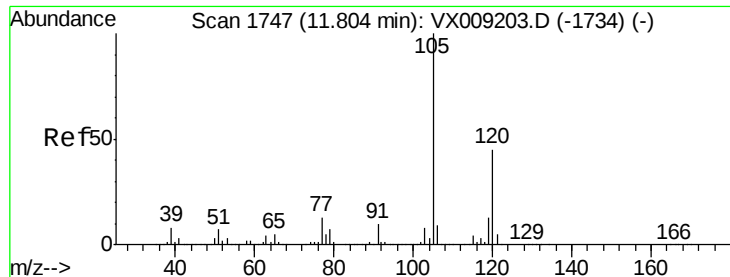
Tot Ion: 91 Resp: 1340  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.5 43.6#



#83  
tert-Butylbenzene  
Concen: 1.246 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Tgt Ion: 119 Resp: 7283  
Ion Ratio Lower Upper  
119 100  
91 74.6 29.5 88.5  
134 25.4 11.4 34.1

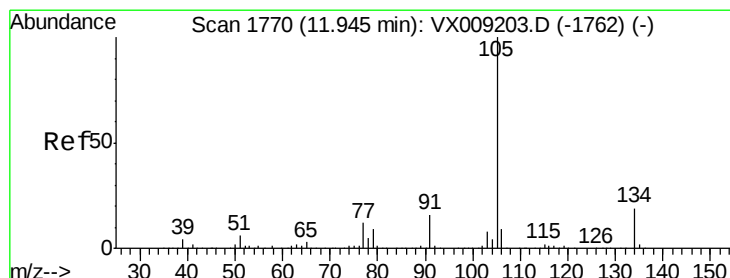
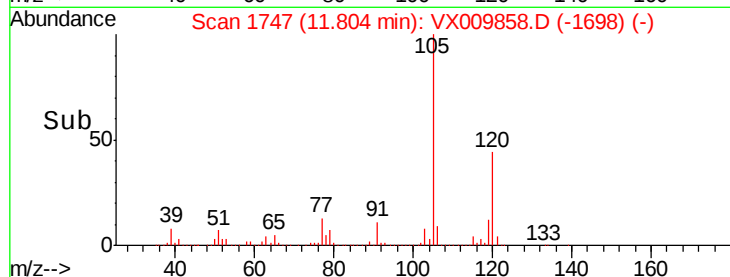
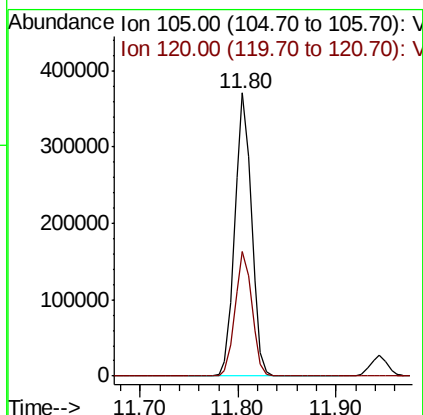
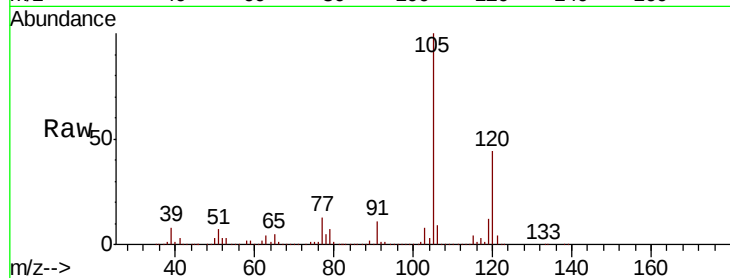




#84  
 1,2,4-Trimethylbenzene  
 Concen: 72.867 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

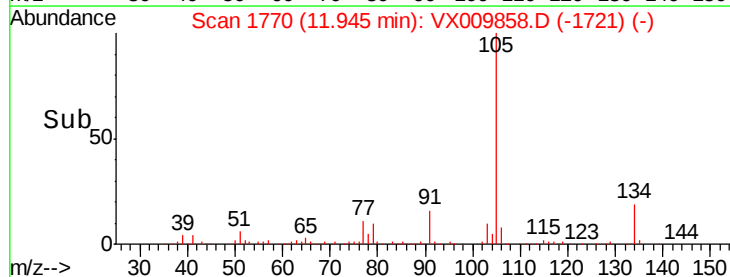
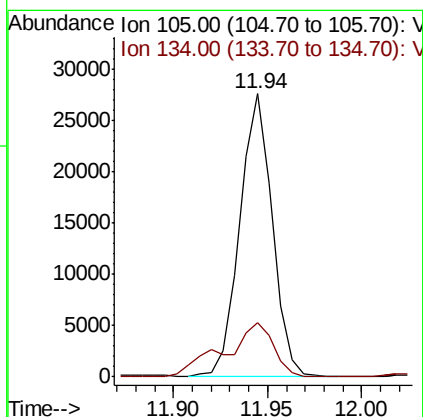
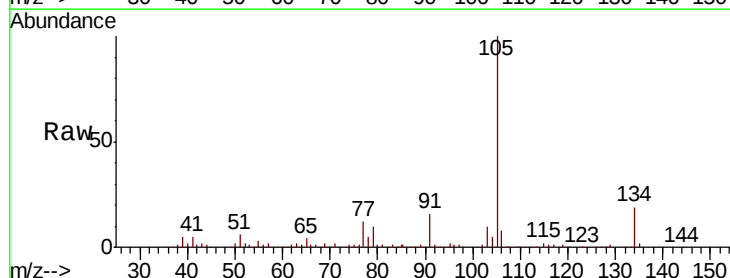
Instrument :  
 MSVOA\_X  
 ClientSampleId :

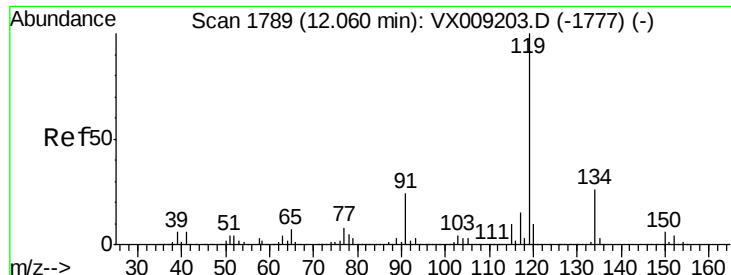
Tot Ion:105 Resp: 439433  
 Ion Ratio Lower Upper  
 105 100  
 120 44.5 22.0 66.0



#85  
 sec-Butylbenzene  
 Concen: 4.721 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

Tgt Ion:105 Resp: 32712  
 Ion Ratio Lower Upper  
 105 100  
 134 29.3 9.7 28.9#

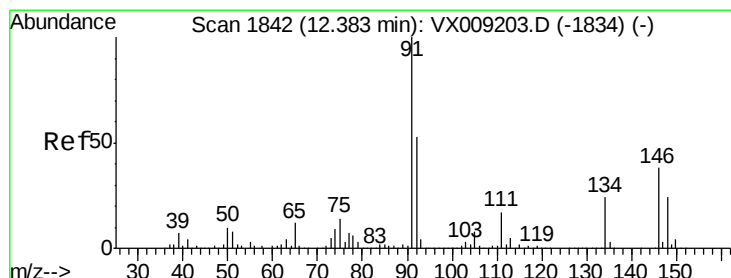
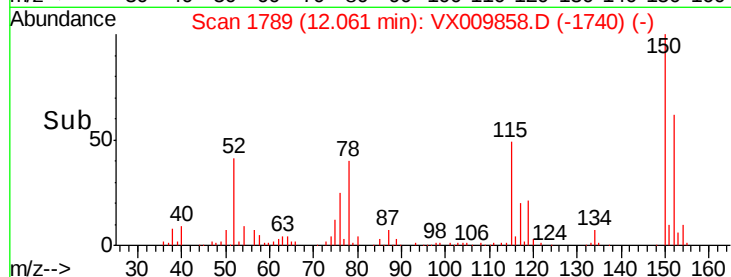
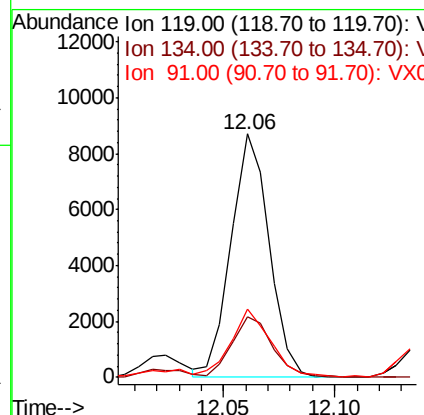
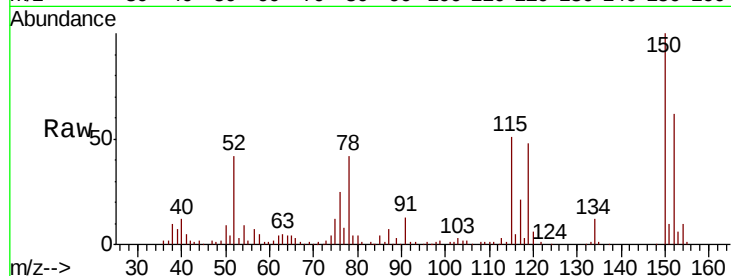




#86  
 p-Isopropyltoluene  
 Concen: 1.672 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

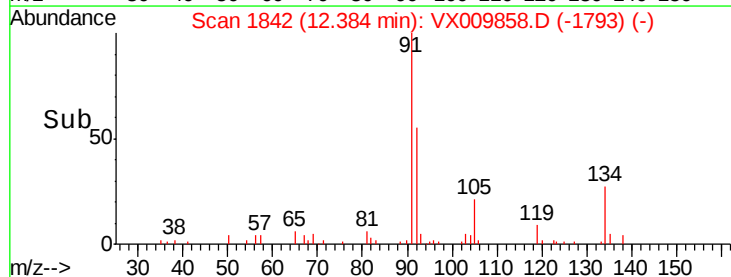
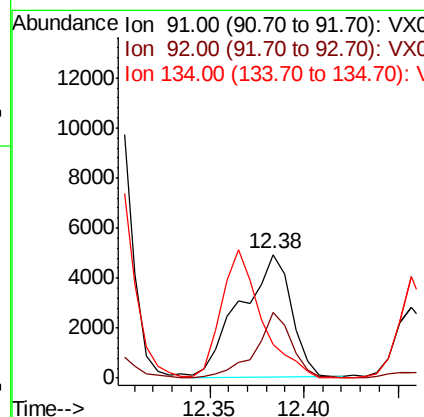
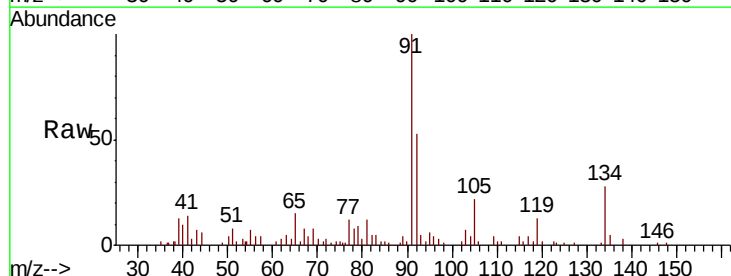
Instrument :  
 MSVOA\_X  
 ClientSampleId :

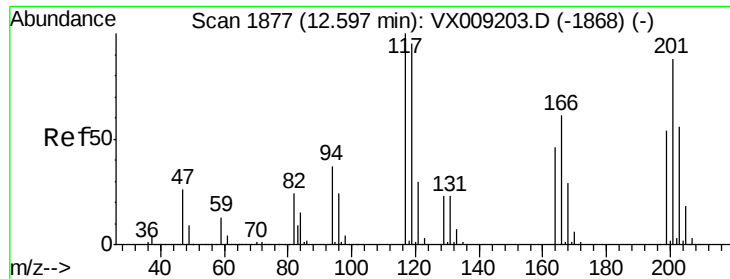
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.3  | 12.9  | 38.7  |
| 91      | 29.2  | 11.8  | 35.4  |



#89  
 n-Butylbenzene  
 Concen: 1.644 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX009858.D  
 Acq: 23 May 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 38.1  | 26.5  | 79.5  |
| 134     | 82.4  | 12.4  | 37.2  |

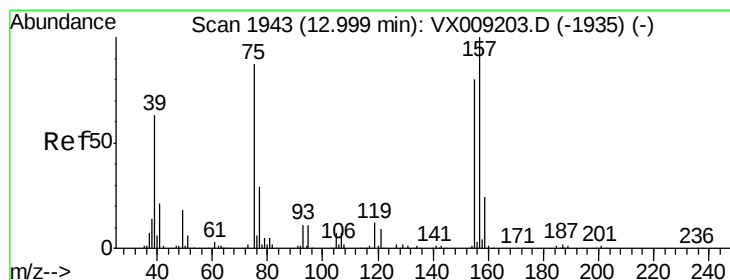
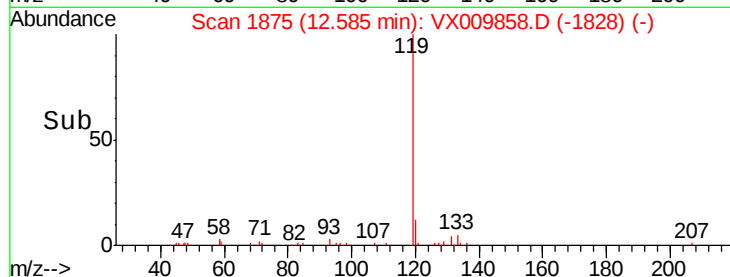
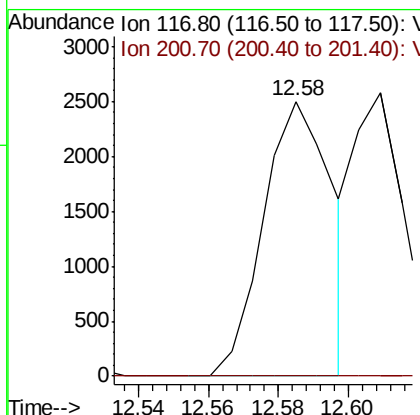
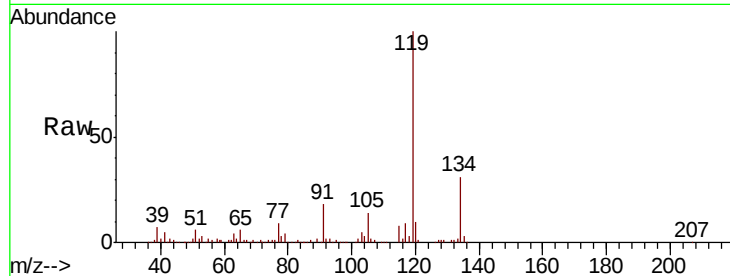




#90  
Hexachloroethane  
Concen: 3.217 ug/l  
RT: 12.58 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

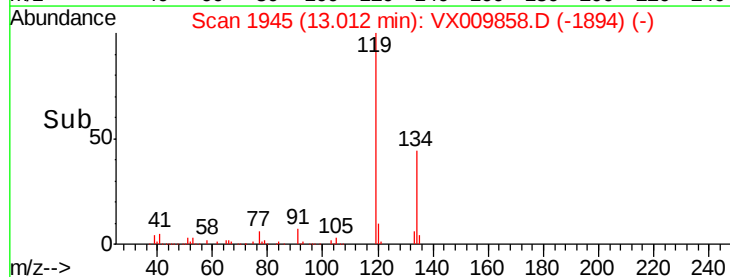
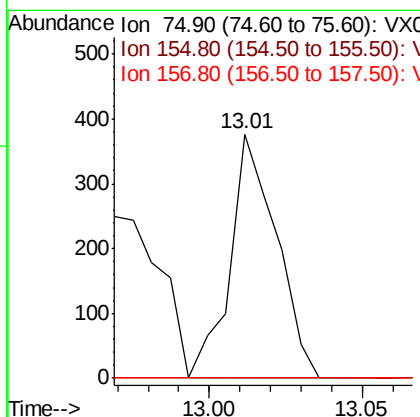
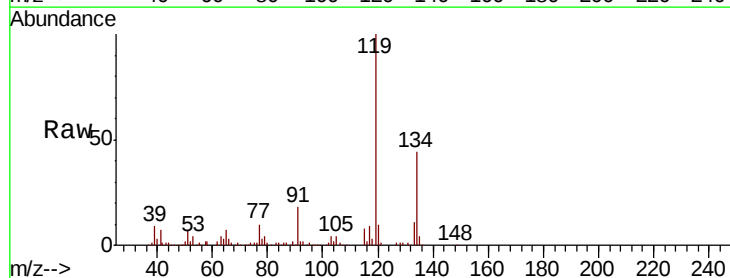
Instrument :  
MSVOA\_X  
ClientSampleId :

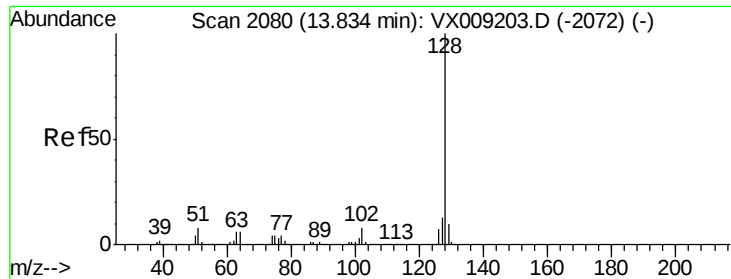
Tot Ion:117 Resp: 3414  
Ion Ratio Lower Upper  
117 100  
201 0.0 42.3 126.9#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.659 ug/l  
RT: 13.01 min Scan# 1945  
Delta R.T. 0.01 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Tgt Ion: 75 Resp: 393  
Ion Ratio Lower Upper  
75 100  
155 0.0 42.0 126.0#  
157 0.0 53.2 159.6#

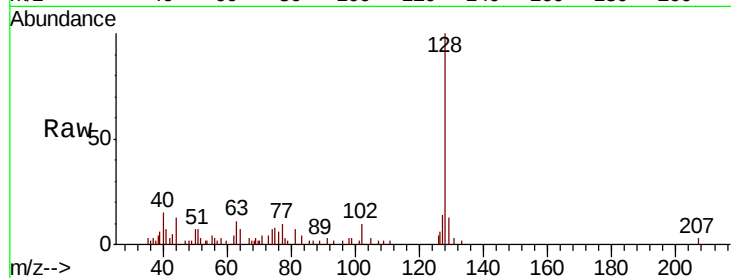




#95  
Naphthalene  
Concen: 0.557 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX009858.D  
Acq: 23 May 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.4  | 15.6  |
| 129     | 13.8  | 8.6   | 13.0  |



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

