

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX122319\  
 Data File : VX014198.D  
 Acq On : 23 Dec 2019 13:40  
 Operator : JC/SP  
 Sample : K6386-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STOCKPILE

Quant Time: Dec 24 01:29:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 574670   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 888452   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 806073   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 375277   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 319087   | 48.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.98%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 261761   | 48.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.94%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 1051938  | 50.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.06% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 368539   | 47.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.90%  |      |

## Target Compounds

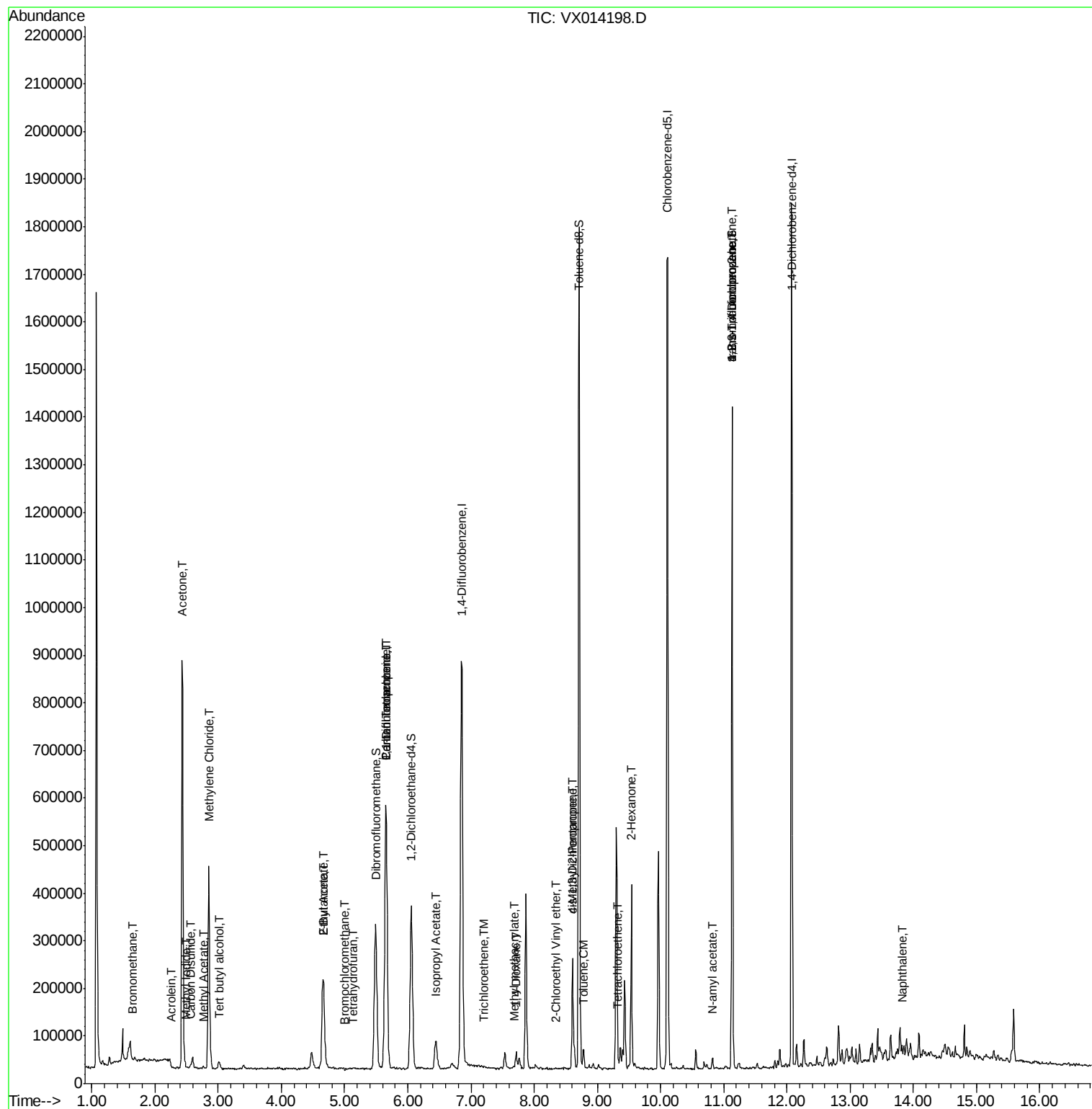
|                                |       |     |        |         |        | Qvalue |
|--------------------------------|-------|-----|--------|---------|--------|--------|
| 5) Bromomethane                | 1.64  | 94  | 1180   | 0.228   | ug/l   | 82     |
| 10) Methyl Iodide              | 2.49  | 142 | 378    | 2.671   | ug/l # | 48     |
| 11) Tert butyl alcohol         | 3.02  | 59  | 10907  | 7.750   | ug/l # | 91     |
| 13) Acrolein                   | 2.26  | 56  | 211    | 0.262   | ug/l   | 97     |
| 16) Acetone                    | 2.43  | 43  | 900695 | 213.011 | ug/l   | 99     |
| 17) Carbon Disulfide           | 2.56  | 76  | 7035   | 1.202   | ug/l   | 95     |
| 18) Methyl Acetate             | 2.77  | 43  | 6029   | 0.720   | ug/l # | 70     |
| 20) Methylene Chloride         | 2.85  | 84  | 196622 | 29.529  | ug/l   | 99     |
| 25) 2-Butanone                 | 4.66  | 43  | 343010 | 65.798  | ug/l   | 99     |
| 28) Bromochloromethane         | 5.00  | 49  | 1023   | 0.695   | ug/l # | 7      |
| 29) Tetrahydrofuran            | 5.13  | 42  | 1725   | 0.592   | ug/l # | 65     |
| 36) 1,1-Dichloropropene        | 5.65  | 75  | 40673  | 4.989   | ug/l # | 49     |
| 37) Ethyl Acetate              | 4.66  | 43  | 343010 | 38.103  | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.65  | 117 | 52917  | 7.125   | ug/l # | 17     |
| 43) Isopropyl Acetate          | 6.43  | 43  | 64661  | 4.340   | ug/l   | 94     |
| 44) Trichloroethene            | 7.21  | 130 | 1684   | 0.243   | ug/l   | 74     |
| 48) Methyl methacrylate        | 7.67  | 41  | 8909   | 1.221   | ug/l # | 19     |
| 49) 1,4-Dioxane                | 7.72  | 88  | 213    | 1.435   | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43  | 99442  | 10.628  | ug/l # | 43     |
| 52) Toluene                    | 8.78  | 92  | 14585  | 0.920   | ug/l   | 99     |
| 54) cis-1,3-Dichloropropene    | 8.61  | 75  | 37573  | 3.842   | ug/l # | 64     |
| 58) 2-Chloroethyl Vinyl ether  | 8.34  | 63  | 795    | 0.210   | ug/l # | 46     |
| 59) 2-Hexanone                 | 9.54  | 43  | 45271  | 6.011   | ug/l # | 52     |
| 64) Tetrachloroethene          | 9.33  | 164 | 3616   | 0.507   | ug/l # | 77     |
| 74) N-amyl acetate             | 10.82 | 43  | 13044  | 1.053   | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 178317 | 21.887  | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 178317 | 61.776  | ug/l # | 11     |
| 95) Naphthalene                | 13.83 | 128 | 5810   | 0.237   | ug/l # | 89     |

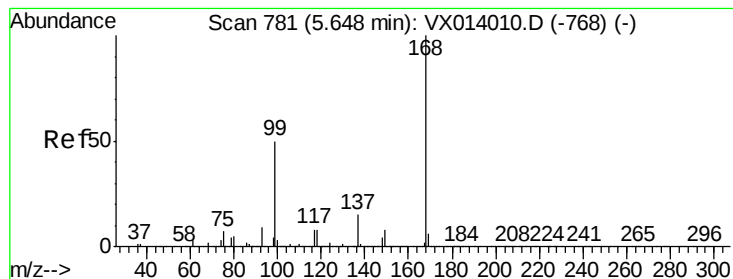
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX122319\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
STOCKPILE

Quant Time: Dec 24 01:29:13 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

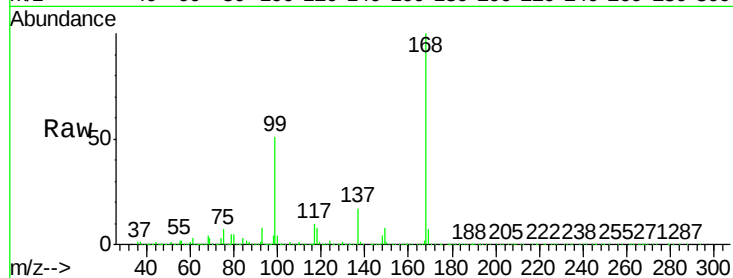
STOCKPILE

Tgt Ion: 168 Resp: 574670

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

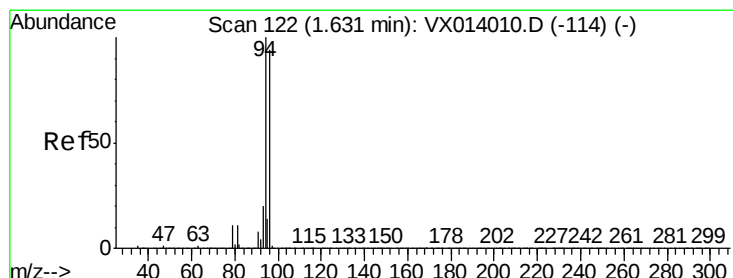
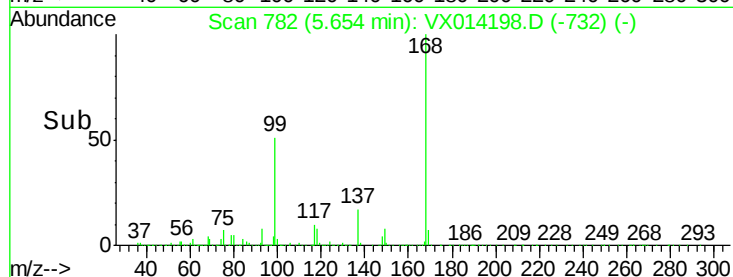
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.228 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014198.D

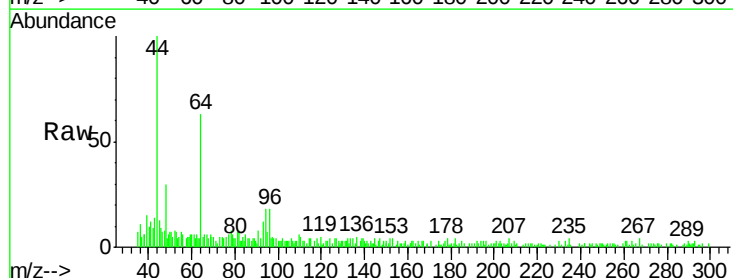
Acq: 23 Dec 2019 13:40

Tgt Ion: 94 Resp: 1180

Ion Ratio Lower Upper

94 100

96 111.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

600

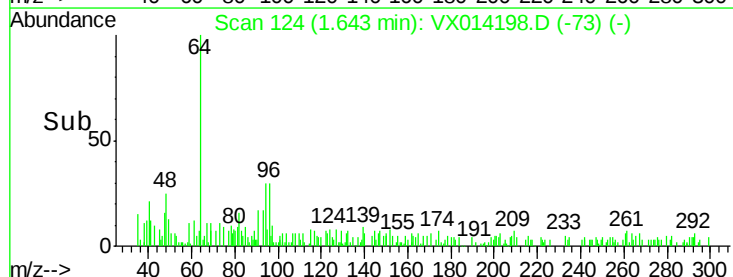
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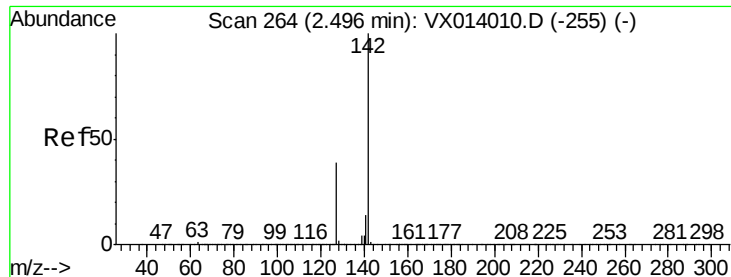
200

0

Time-->

1.60 1.65 1.70

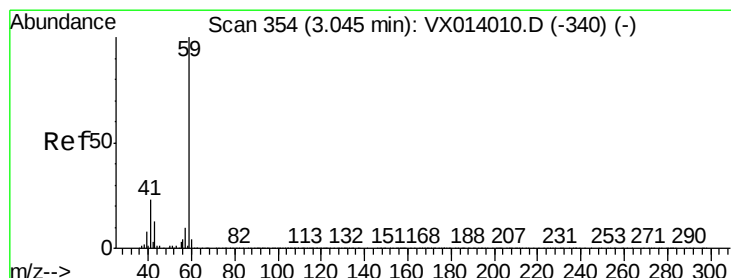
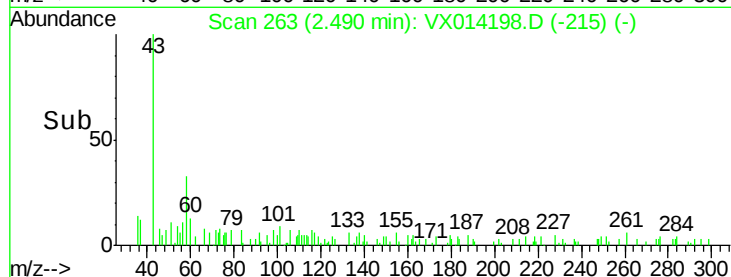
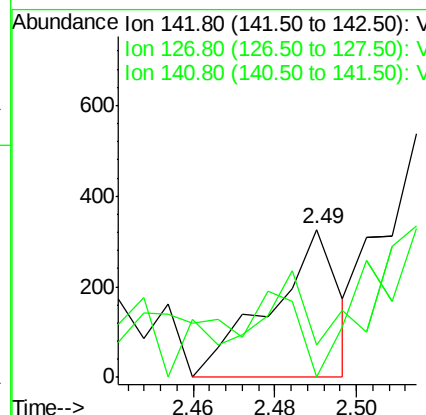
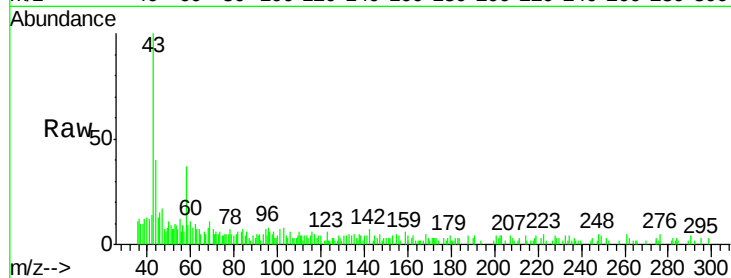




#10  
Methyl Iodide  
Concen: 2.671 ug/l  
RT: 2.49 min Scan# 263  
Delta R.T. -0.01 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

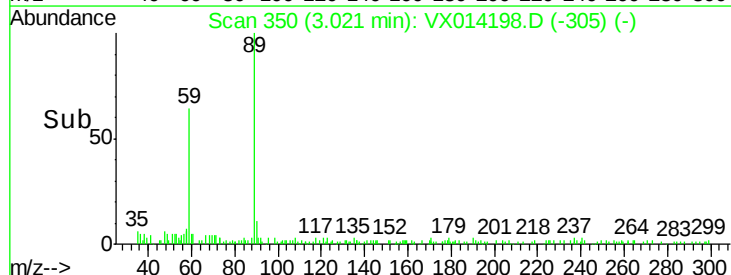
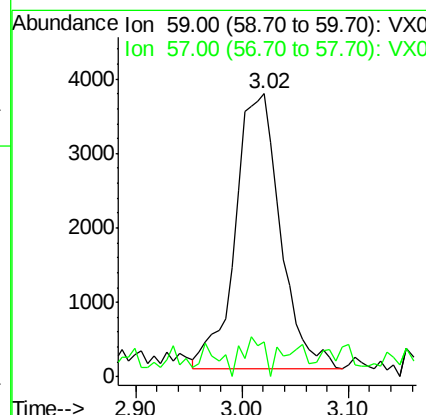
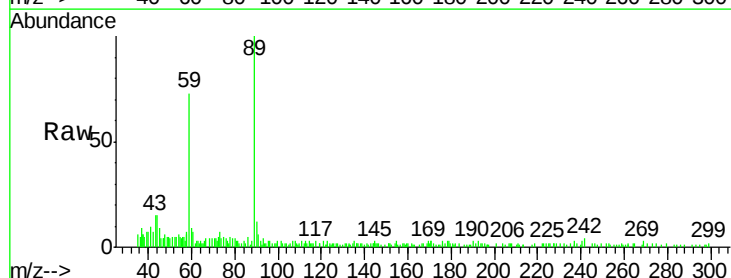
Instrument :  
MSVOA\_X  
ClientSampleId :  
STOCKPILE

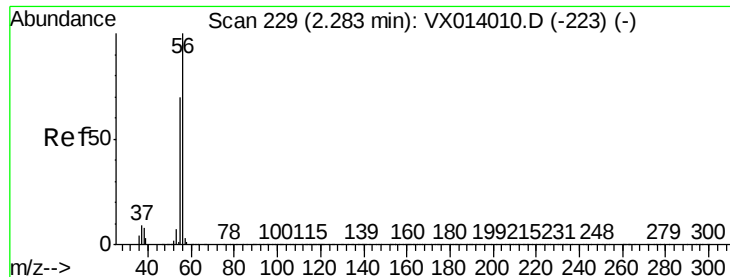
Tgt Ion: 142 Resp: 378  
Ion Ratio Lower Upper  
142 100  
127 71.7 31.6 47.4#  
141 34.9 11.6 17.4#



#11  
Tert butyl alcohol  
Concen: 7.750 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.02 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

Tgt Ion: 59 Resp: 10907  
Ion Ratio Lower Upper  
59 100  
57 7.0 8.4 12.6#

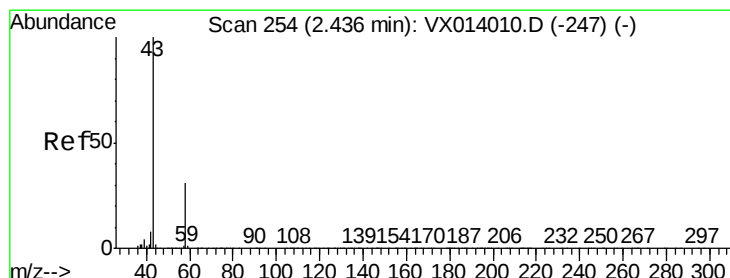
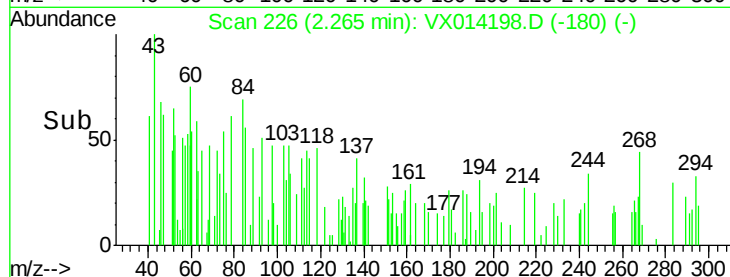
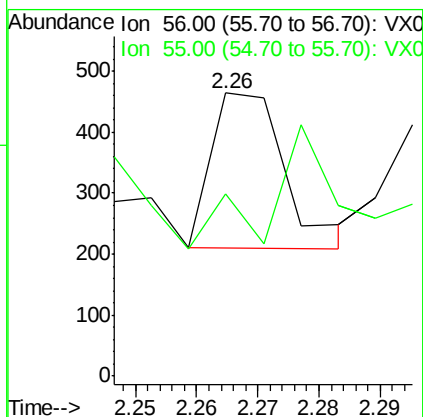
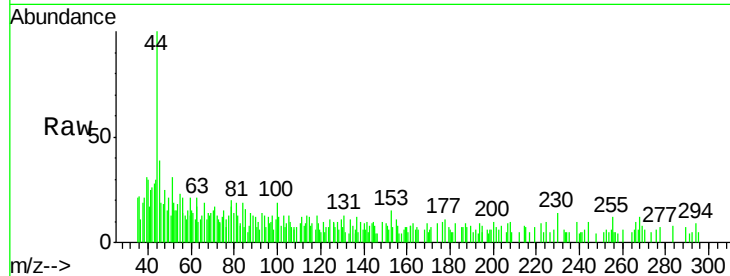




#13  
Acrolein  
Concen: 0.262 ug/l  
RT: 2.26 min Scan# 226  
Delta R.T. -0.02 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

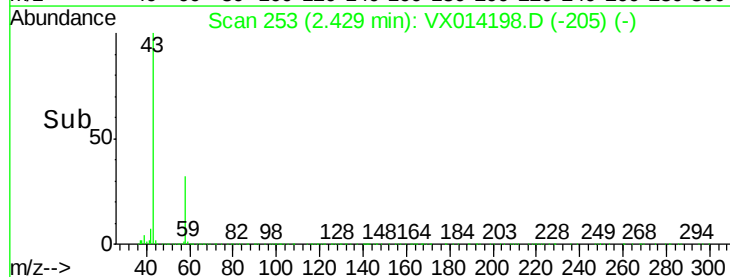
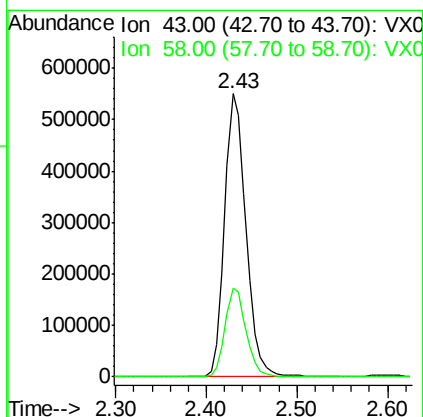
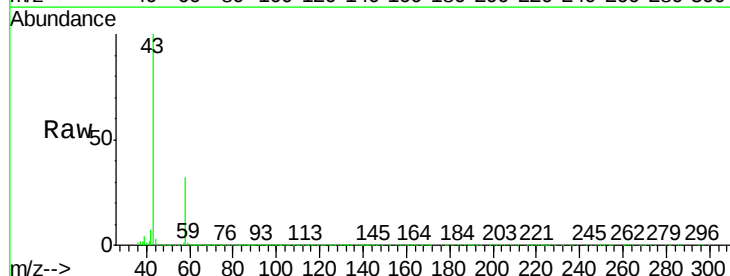
Instrument :  
MSVOA\_X  
ClientSampled :  
STOCKPILE

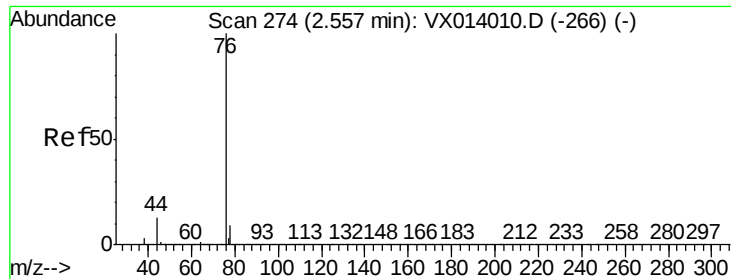
Tgt Ion: 56 Resp: 211  
Ion Ratio Lower Upper  
56 100  
55 73.5 56.9 85.3



#16  
Acetone  
Concen: 213.011 ug/l  
RT: 2.43 min Scan# 253  
Delta R.T. -0.01 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

Tgt Ion: 43 Resp: 900695  
Ion Ratio Lower Upper  
43 100  
58 31.5 24.9 37.3





#17

Carbon Disulfide

Concen: 1.202 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampled :

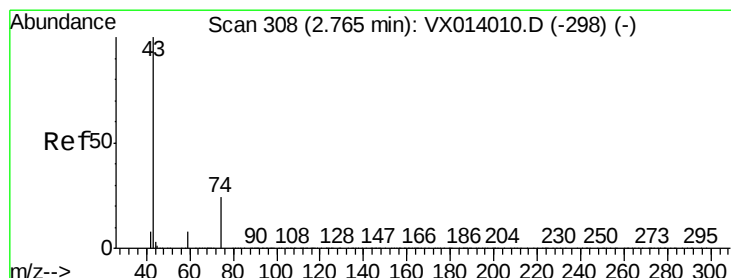
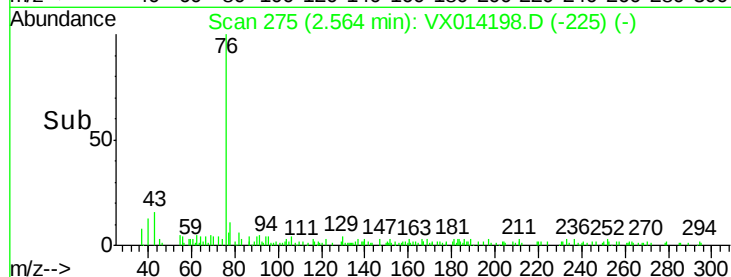
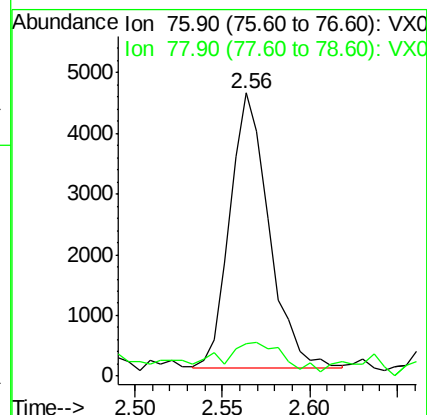
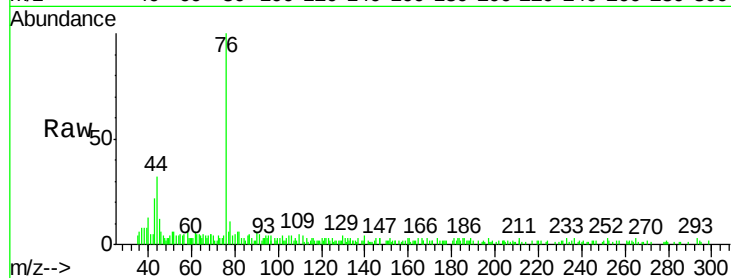
STOCKPILE

Tgt Ion: 76 Resp: 7035

Ion Ratio Lower Upper

76 100

78 7.2 7.2 10.8



#18

Methyl Acetate

Concen: 0.720 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX014198.D

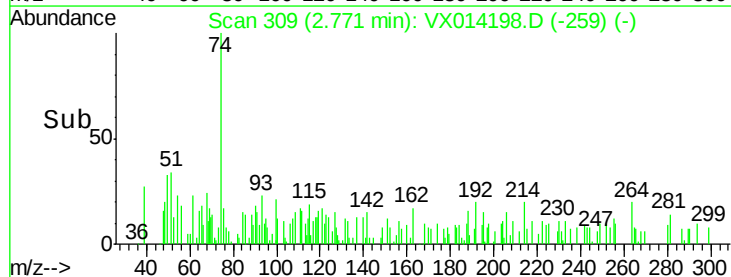
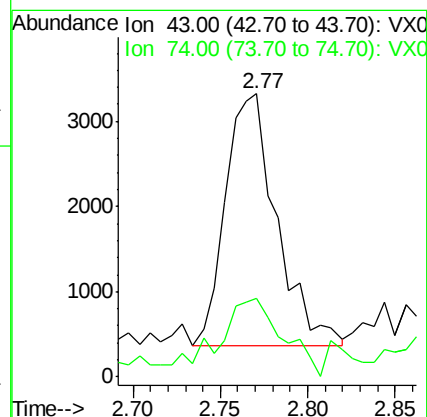
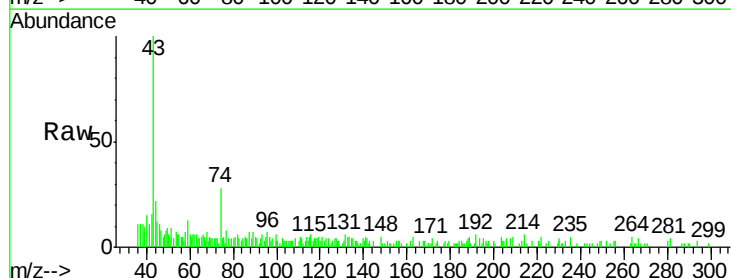
Acq: 23 Dec 2019 13:40

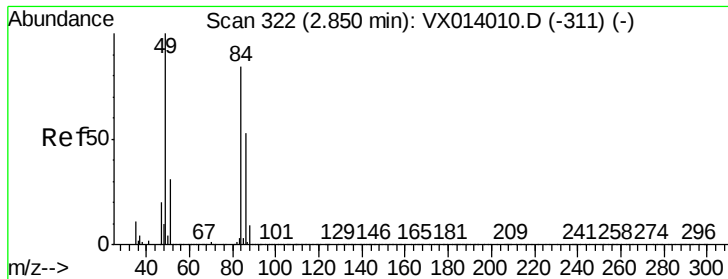
Tgt Ion: 43 Resp: 6029

Ion Ratio Lower Upper

43 100

74 39.1 19.5 29.3#

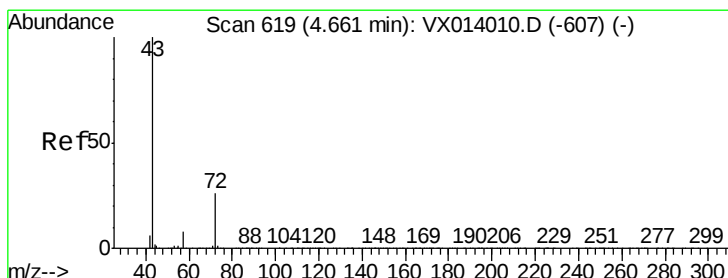
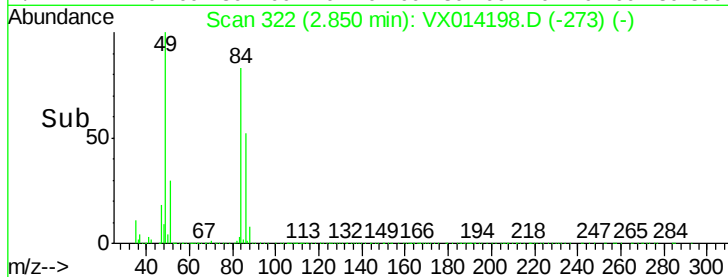
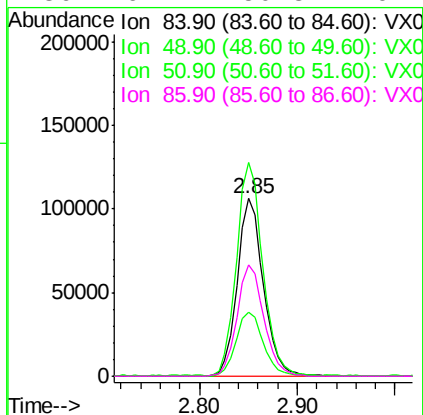
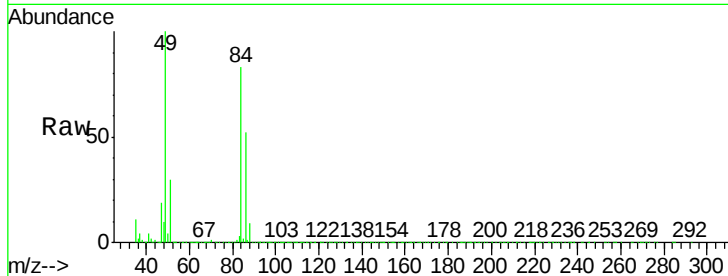




#20  
Methylene Chloride  
Concen: 29.529 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

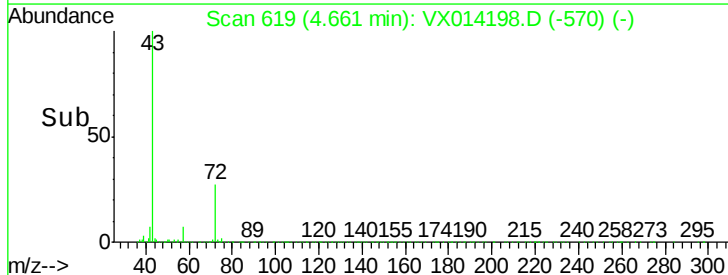
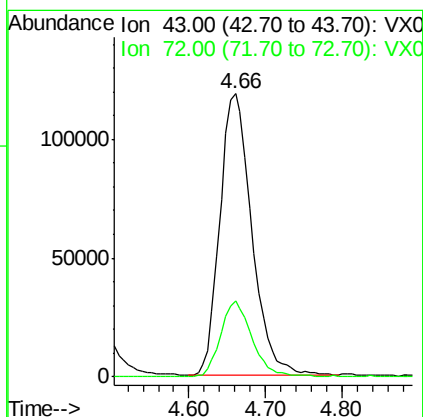
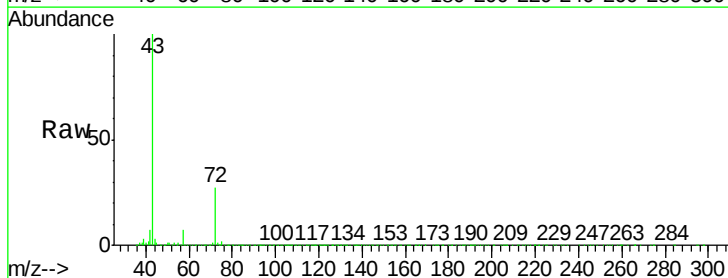
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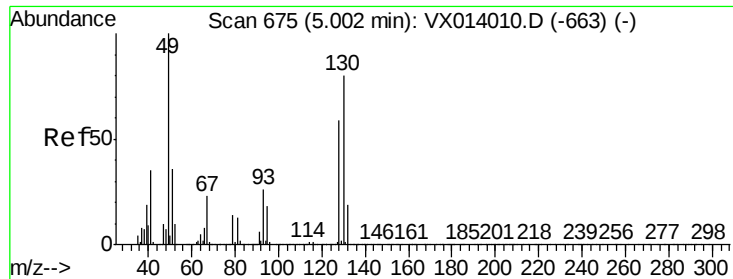
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 196622 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 119.9 | 95.8  | 143.6  |
| 51       | 35.8  | 29.8  | 44.8   |
| 86       | 62.4  | 50.8  | 76.2   |



#25  
2-Butanone  
Concen: 65.798 ug/l  
RT: 4.66 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 343010 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 72       | 26.9  | 21.0  | 31.4   |





#28

Bromochloromethane

Concen: 0.695 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

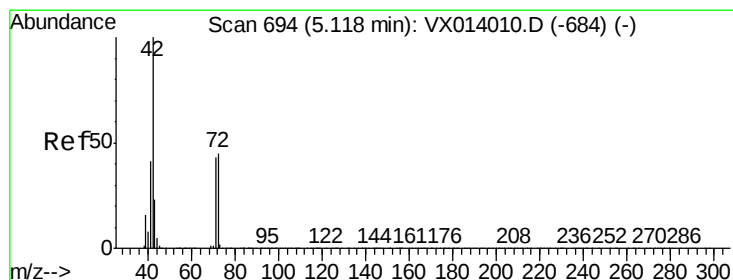
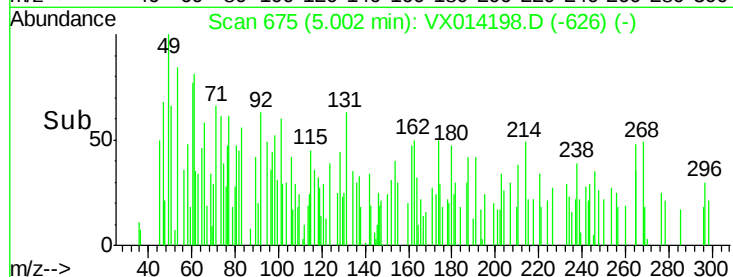
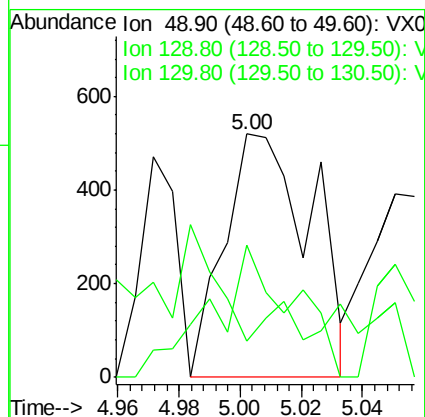
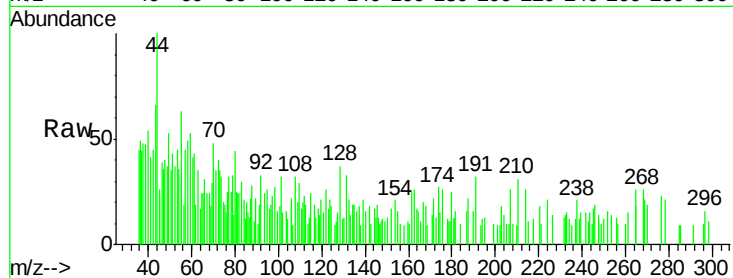
Tgt Ion: 49 Resp: 1023

Ion Ratio Lower Upper

49 100

129 50.7 0.0 5.0#

130 0.0 64.6 97.0#



#29

Tetrahydrofuran

Concen: 0.592 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

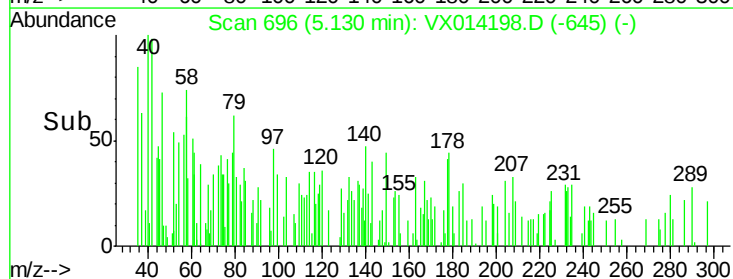
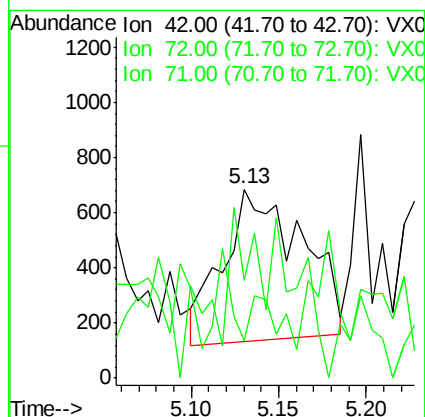
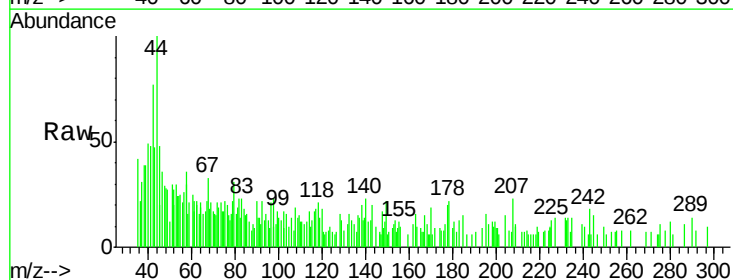
Tgt Ion: 42 Resp: 1725

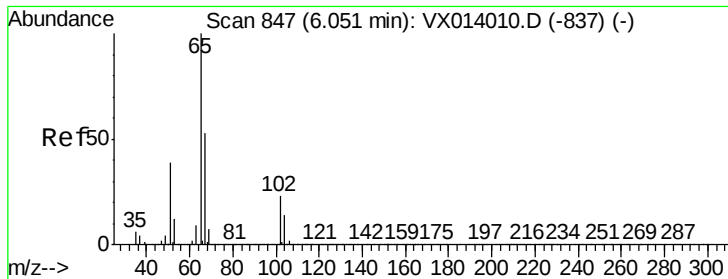
Ion Ratio Lower Upper

42 100

72 57.7 35.8 53.8#

71 9.6 33.6 50.4#





#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

Tgt Ion: 65 Resp: 319087

Ion Ratio Lower Upper

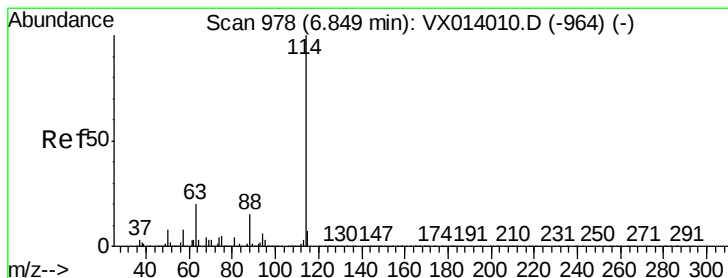
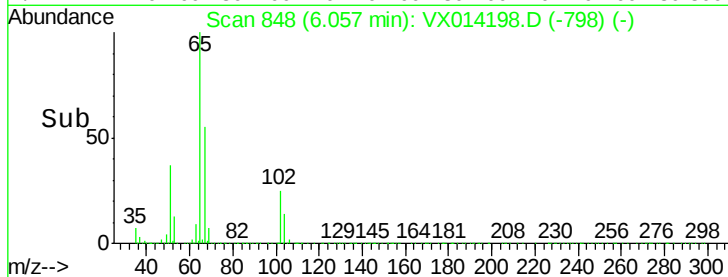
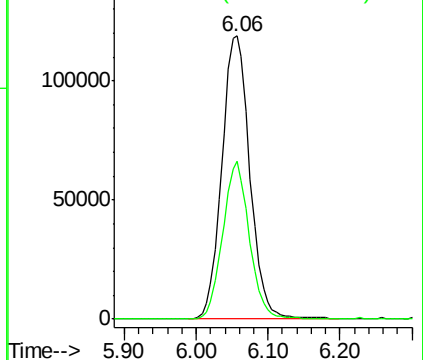
65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

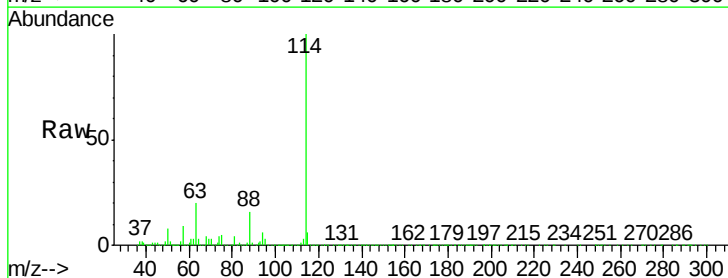
Tgt Ion: 114 Resp: 888452

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

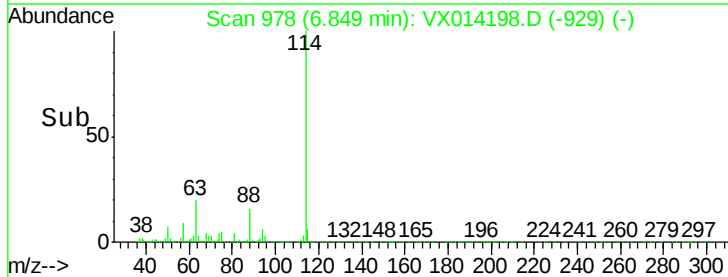
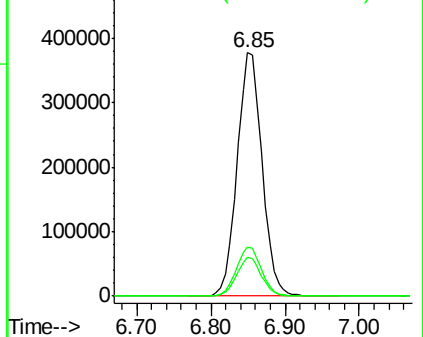
88 15.7 0.0 30.4

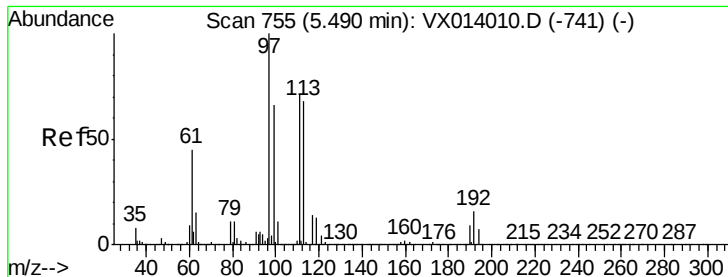


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.467 ug/l

RT: 5.49 min Scan# 755

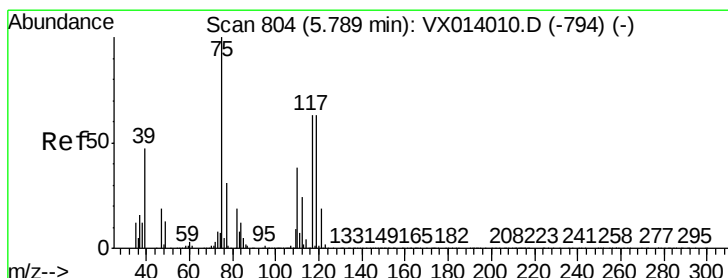
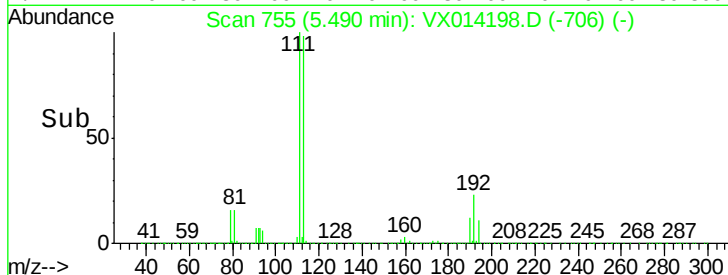
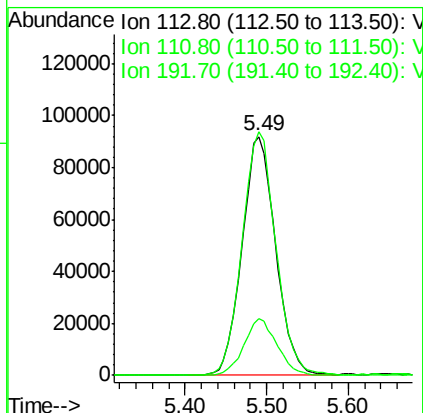
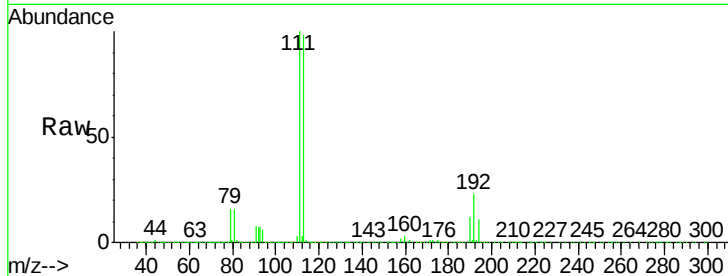
Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
STOCKPILE

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 261761 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.6 | 82.0  | 123.0  |
| 192      | 23.5  | 19.3  | 28.9   |



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

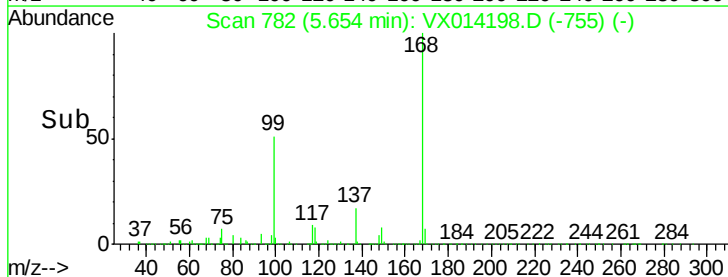
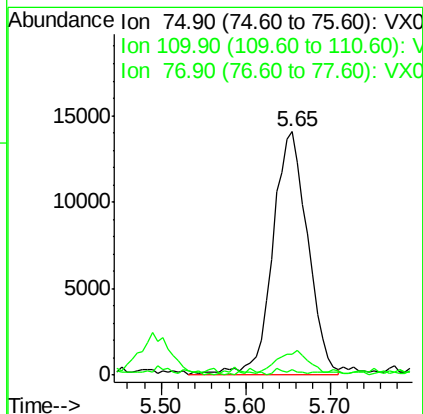
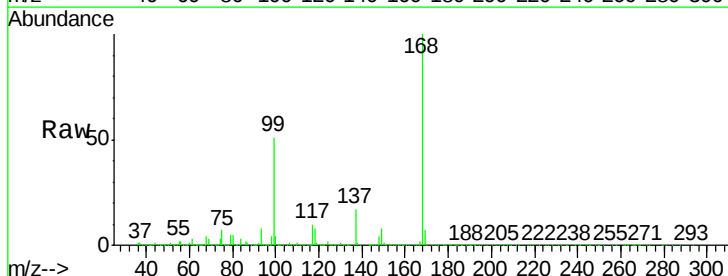
RT: 5.65 min Scan# 782

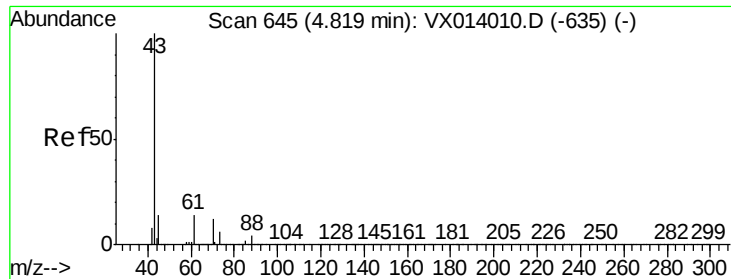
Delta R.T. -0.13 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 40673 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.6   | 18.3  | 54.9# |
| 77       | 0.0   | 24.8  | 37.2# |





#37

Ethyl Acetate

Concen: 38.103 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.16 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

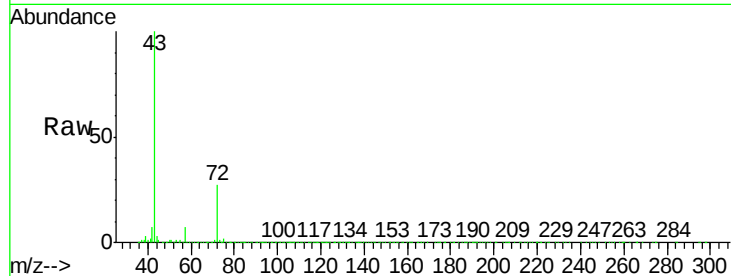
Tgt Ion: 43 Resp: 343010

Ion Ratio Lower Upper

43 100

61 0.2 10.8 16.2#

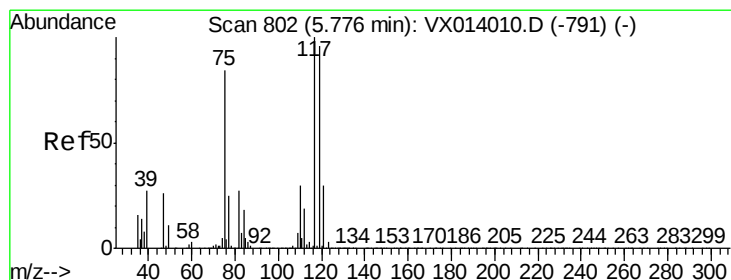
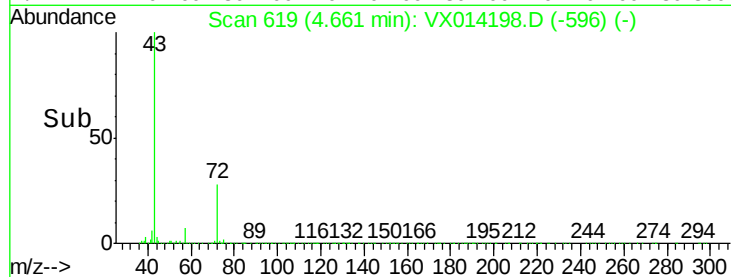
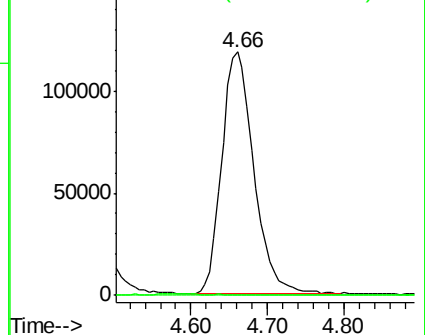
70 0.3 8.6 12.8#



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: 7.125 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

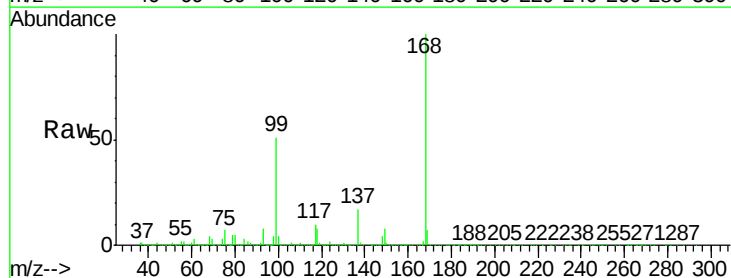
Tgt Ion: 117 Resp: 52917

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.4#

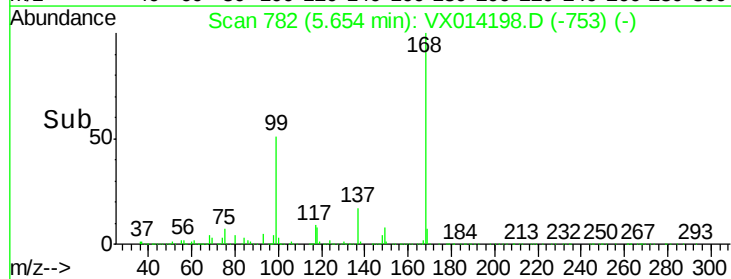
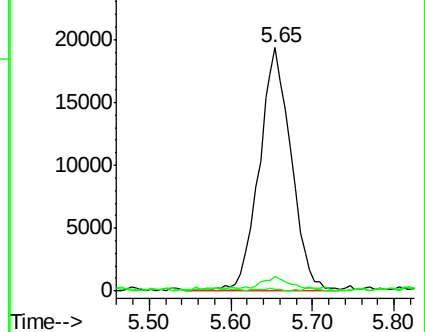
121 0.4 23.6 35.4#

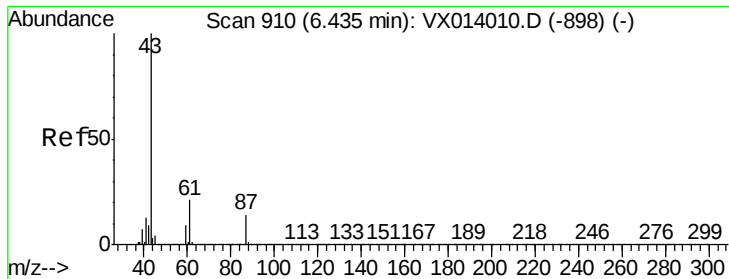


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 4.340 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

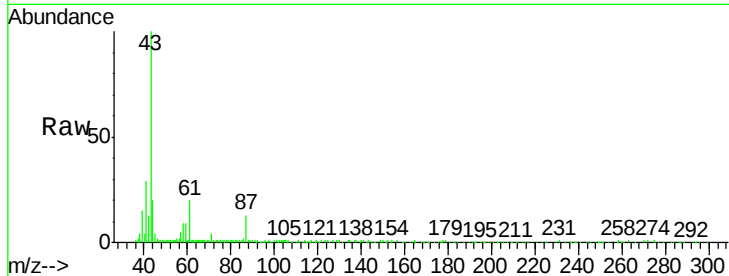
Tgt Ion: 43 Resp: 64661

Ion Ratio Lower Upper

43 100

61 17.5 16.4 24.6

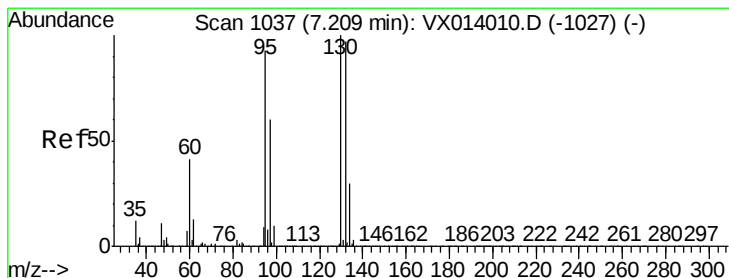
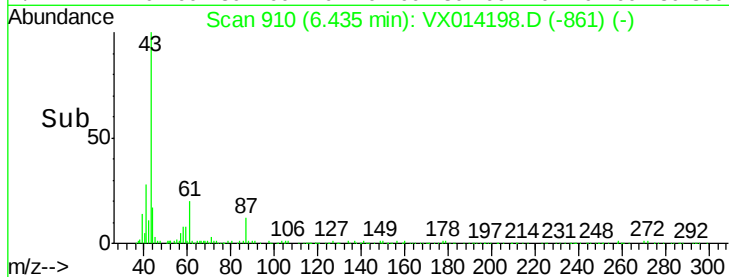
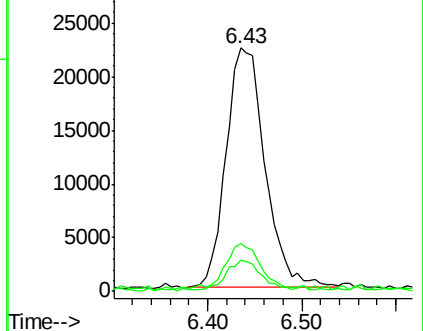
87 10.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.243 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014198.D

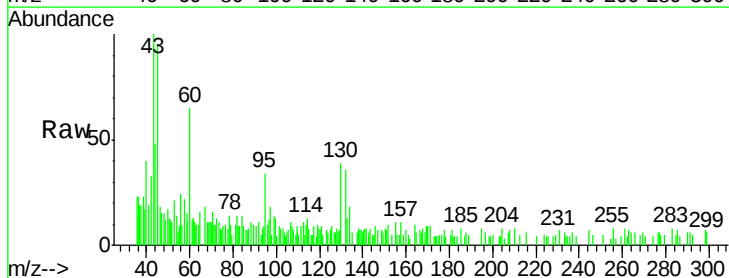
Acq: 23 Dec 2019 13:40

Tgt Ion: 130 Resp: 1684

Ion Ratio Lower Upper

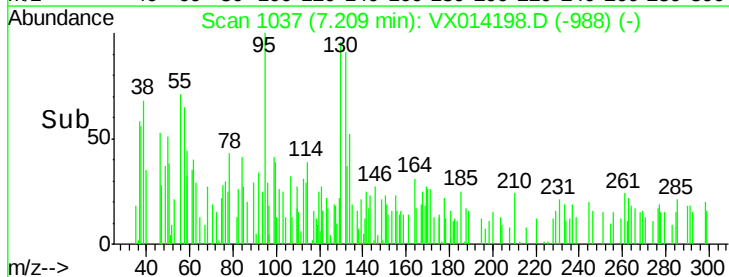
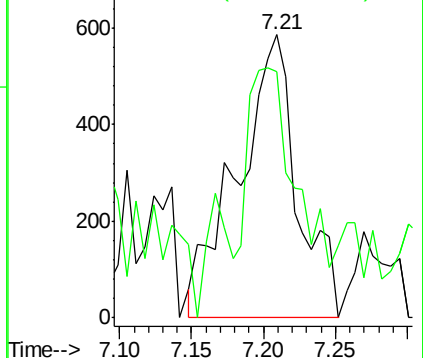
130 100

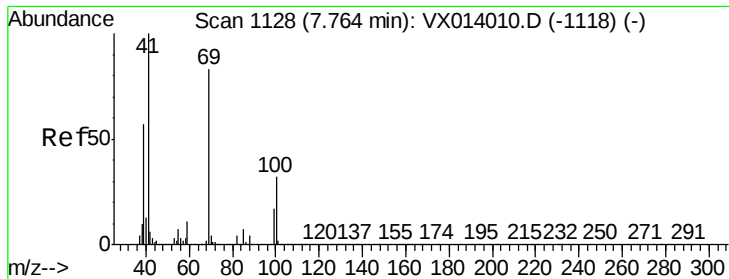
95 68.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

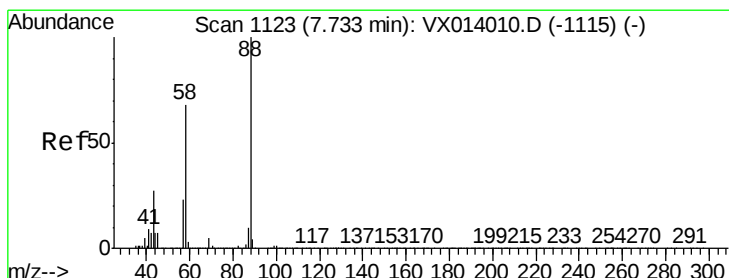
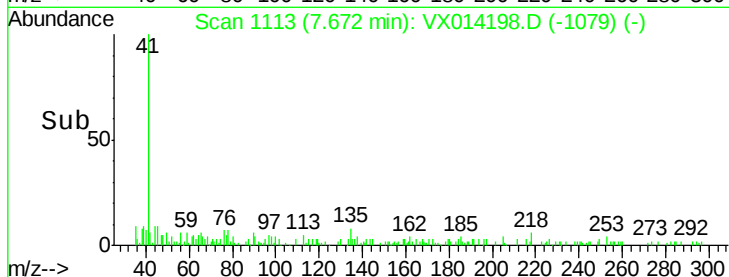
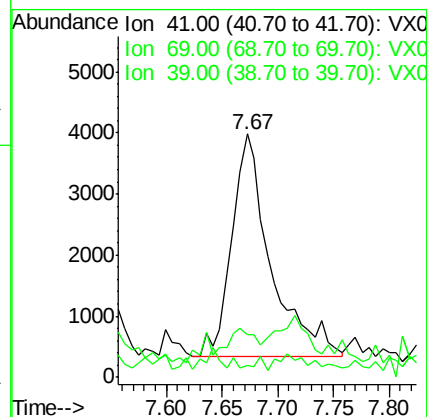
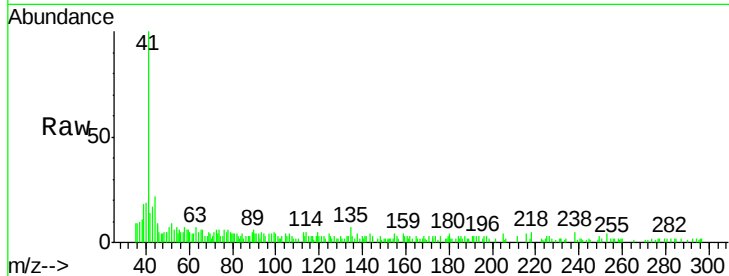




#48  
Methyl methacrylate  
Concen: 1.221 ug/l  
RT: 7.67 min Scan# 1113  
Delta R.T. -0.09 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

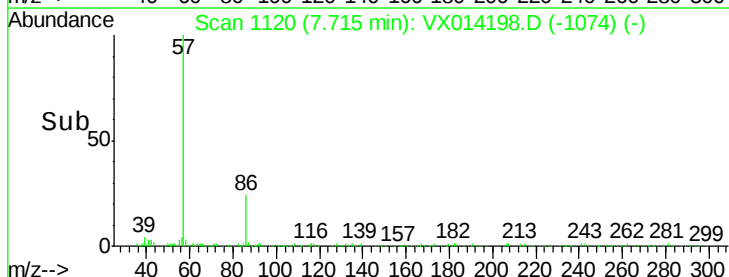
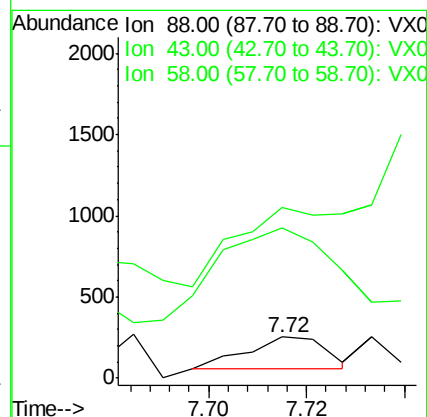
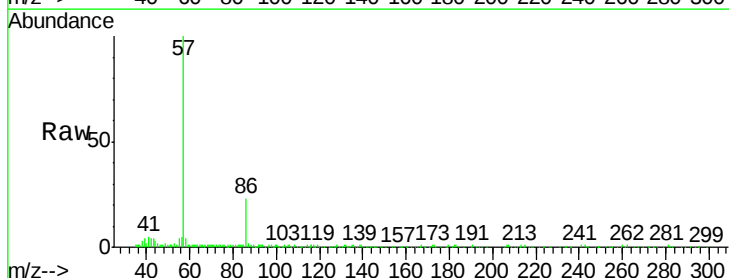
Instrument :  
MSVOA\_X  
ClientSampleId :  
STOCKPILE

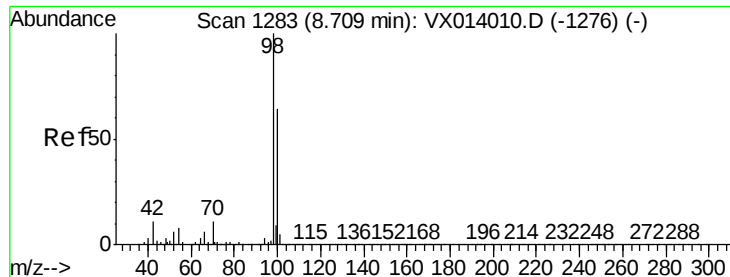
Tgt Ion: 41 Resp: 8909  
Ion Ratio Lower Upper  
41 100  
69 0.9 65.8 98.6#  
39 7.7 44.6 67.0#



#49  
1,4-Dioxane  
Concen: 1.435 ug/l  
RT: 7.72 min Scan# 1120  
Delta R.T. -0.02 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

Tgt Ion: 88 Resp: 213  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.5 39.7#  
58 1030.5 56.8 85.2#





#50

Toluene-d8

Concen: 50.029 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

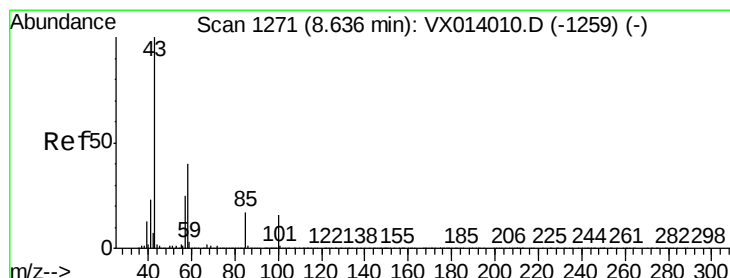
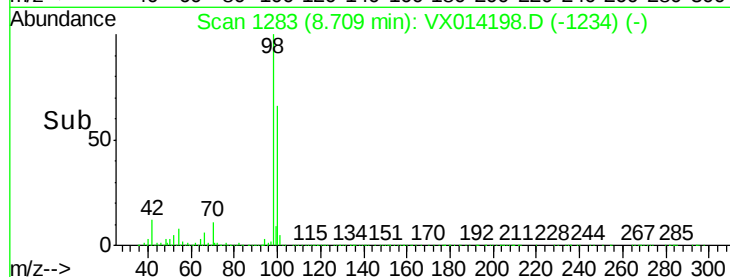
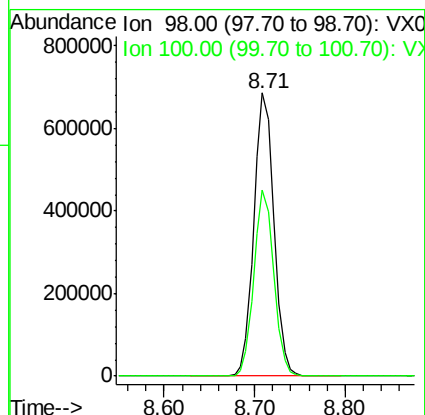
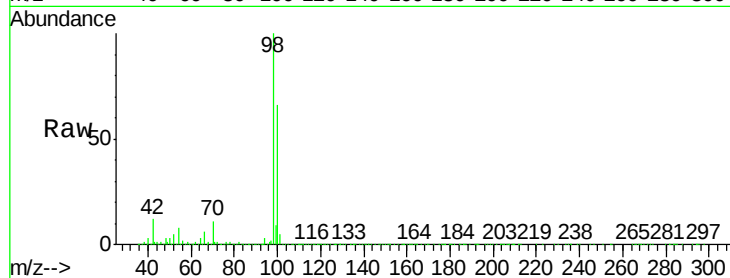
STOCKPILE

Tgt Ion: 98 Resp: 1051938

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 10.628 ug/l

RT: 8.61 min Scan# 1266

Delta R.T. -0.03 min

Lab File: VX014198.D

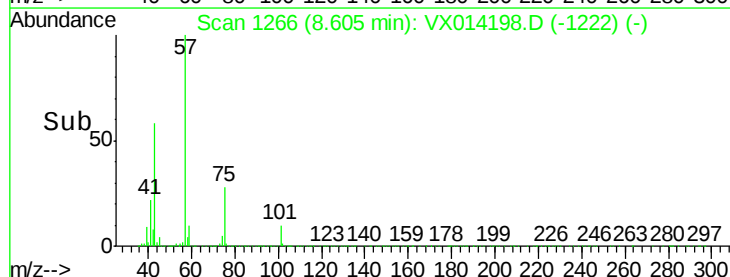
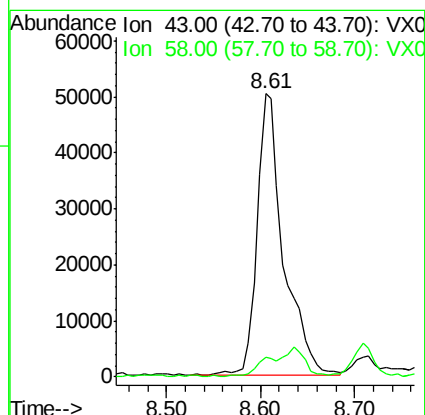
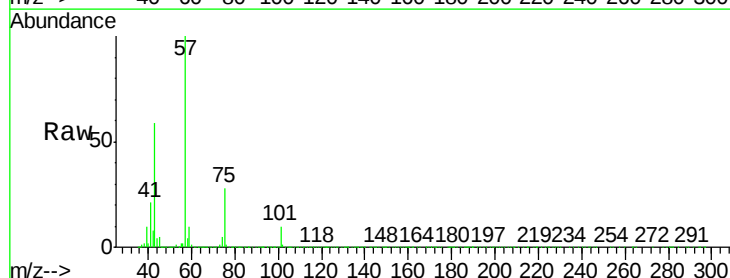
Acq: 23 Dec 2019 13:40

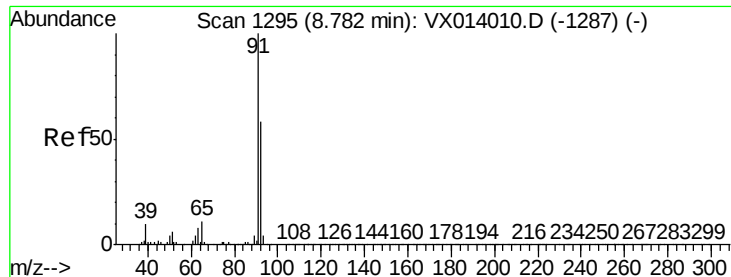
Tgt Ion: 43 Resp: 99442

Ion Ratio Lower Upper

43 100

58 5.0 32.2 48.2#





#52

Toluene

Concen: 0.920 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

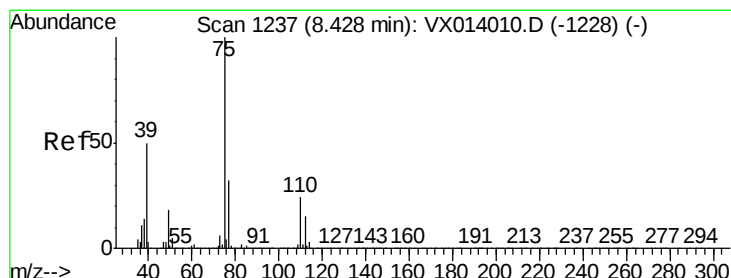
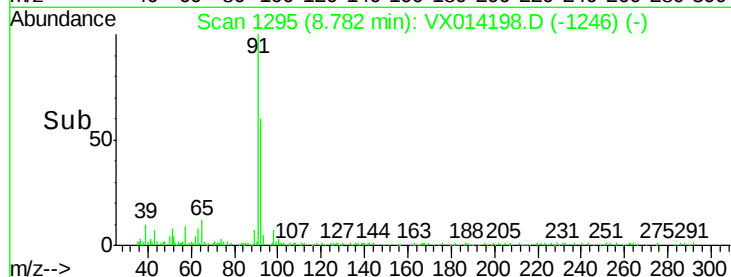
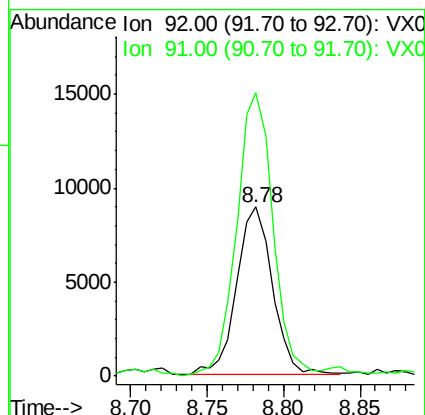
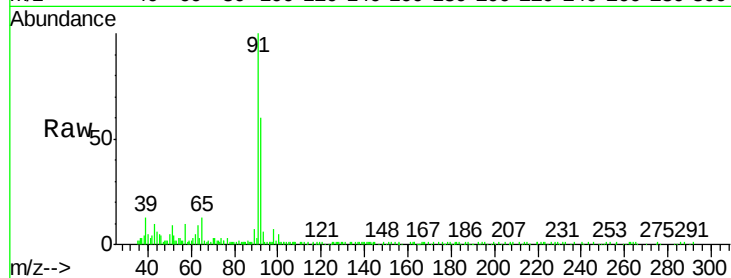
STOCKPILE

Tgt Ion: 92 Resp: 14585

Ion Ratio Lower Upper

92 100

91 171.1 136.2 204.4



#54

cis-1,3-Dichloropropene

Concen: 3.842 ug/l

RT: 8.61 min Scan# 1266

Delta R.T. 0.18 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

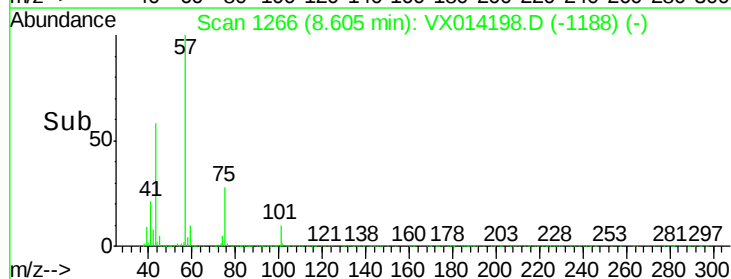
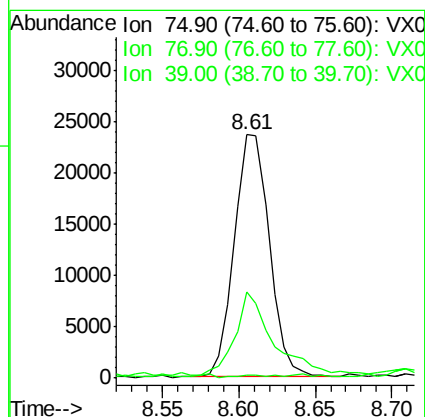
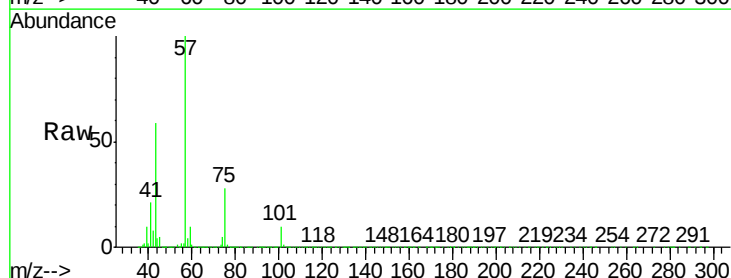
Tgt Ion: 75 Resp: 37573

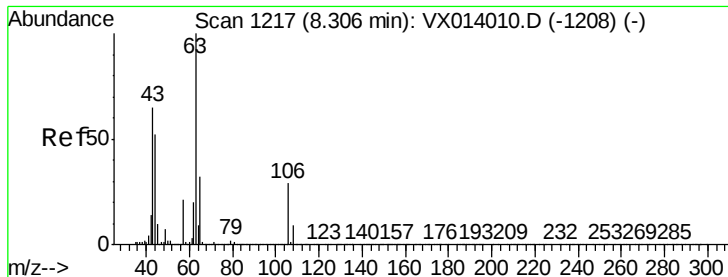
Ion Ratio Lower Upper

75 100

77 0.2 25.3 37.9#

39 34.4 39.9 59.9#





#58

2-Chloroethyl Vinyl ether

Concen: 0.210 ug/l

RT: 8.34 min Scan# 1222

Delta R.T. 0.03 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

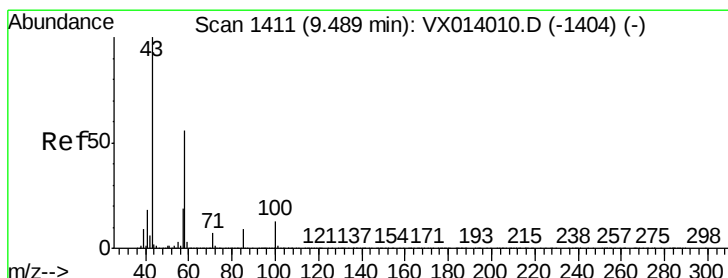
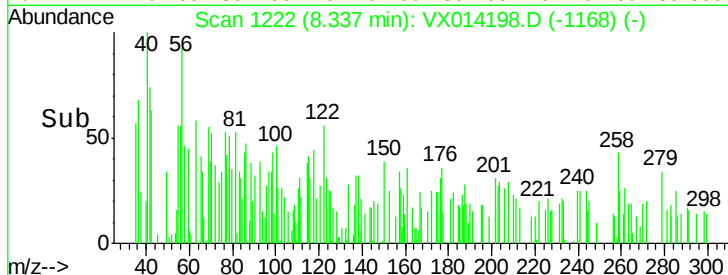
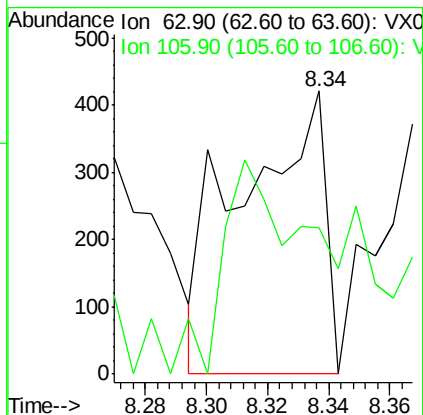
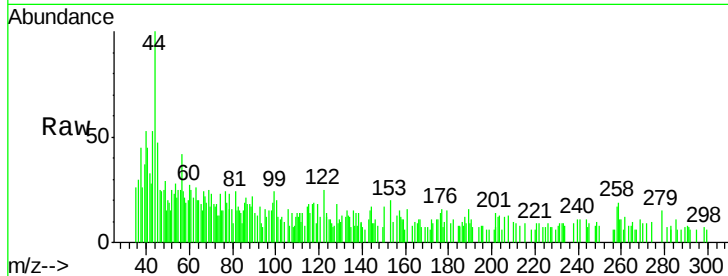
STOCKPILE

Tgt Ion: 63 Resp: 795

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#



#59

2-Hexanone

Concen: 6.011 ug/l

RT: 9.54 min Scan# 1419

Delta R.T. 0.05 min

Lab File: VX014198.D

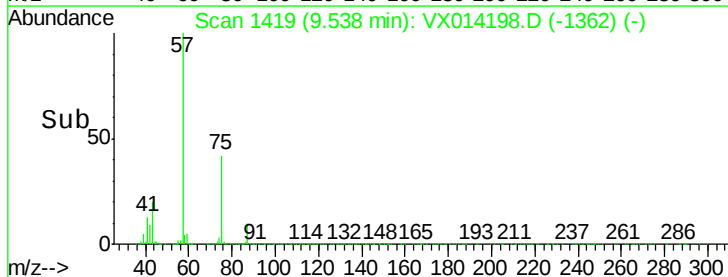
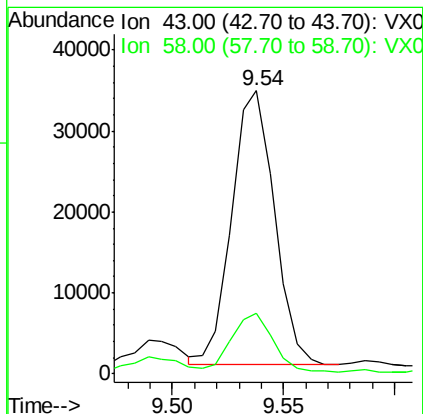
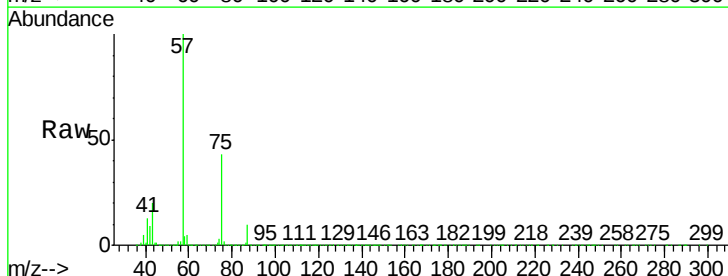
Acq: 23 Dec 2019 13:40

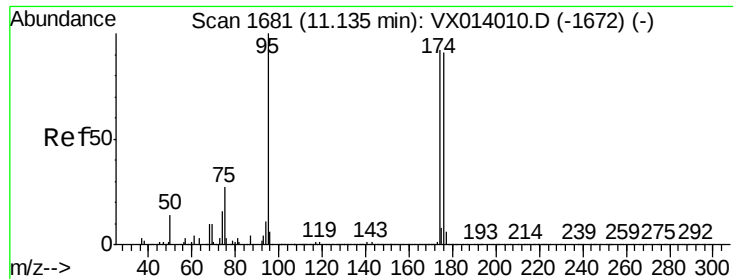
Tgt Ion: 43 Resp: 45271

Ion Ratio Lower Upper

43 100

58 21.1 28.0 84.0#

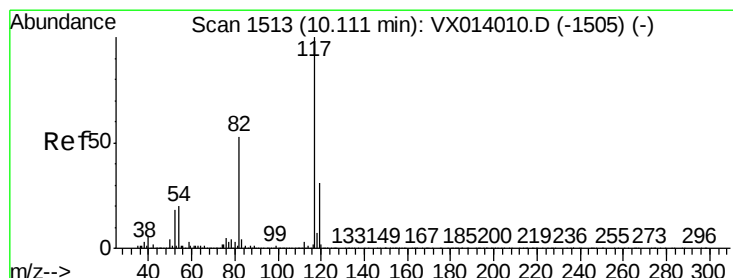
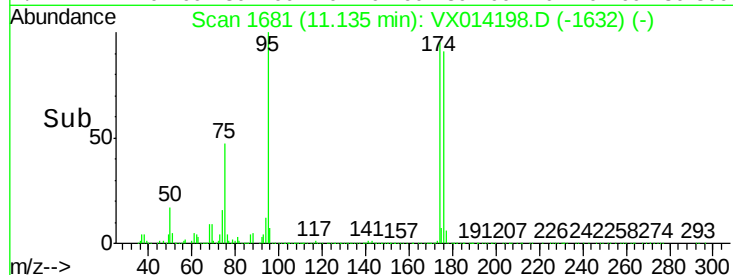
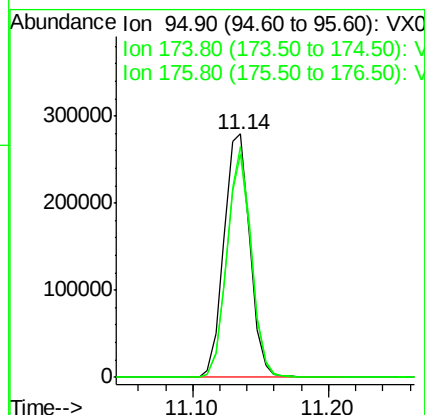
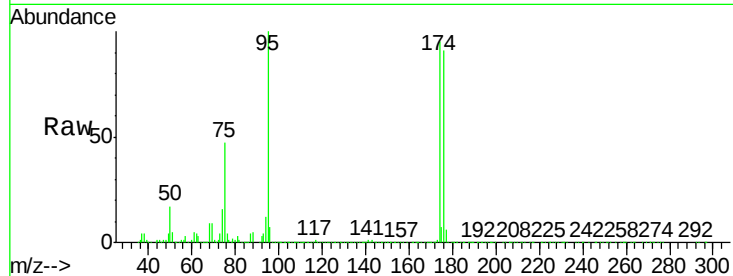




#62  
4-Bromofluorobenzene  
Concen: 47.948 ug/l  
RT: 11.14 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

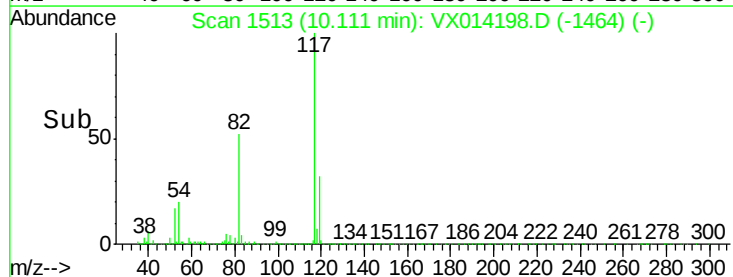
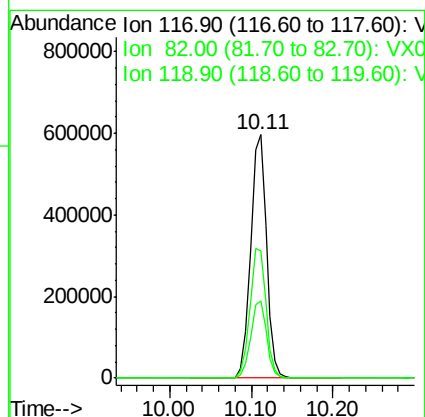
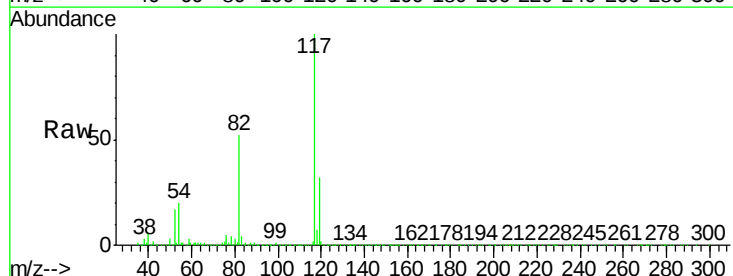
Instrument :  
MSVOA\_X  
ClientSampleId :  
STOCKPILE

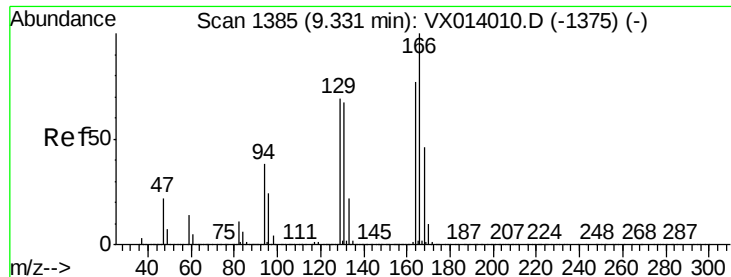
Tgt Ion: 95 Resp: 368539  
Ion Ratio Lower Upper  
95 100  
174 88.7 0.0 175.8  
176 85.8 0.0 173.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX014198.D  
Acq: 23 Dec 2019 13:40

Tgt Ion: 117 Resp: 806073  
Ion Ratio Lower Upper  
117 100  
82 52.2 42.2 63.4  
119 31.8 25.1 37.7





#64

Tetrachloroethene

Concen: 0.507 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

Tgt Ion:164 Resp: 3616

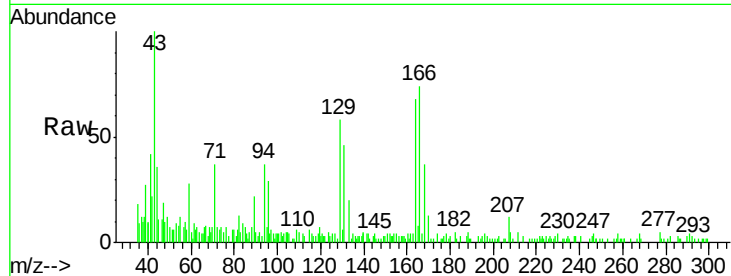
Ion Ratio Lower Upper

164 100

166 106.1 104.0 156.0

129 72.5 72.2 108.4

131 59.7 69.6 104.4#

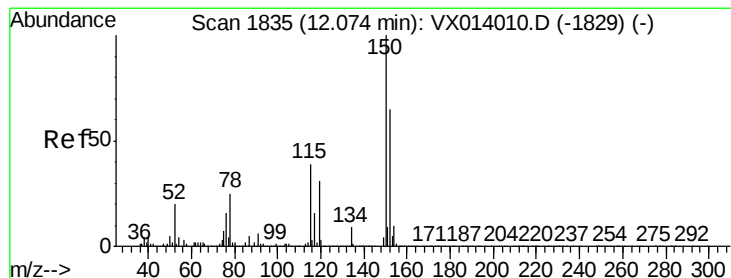
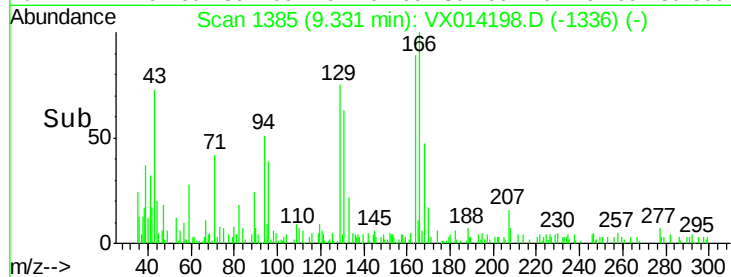
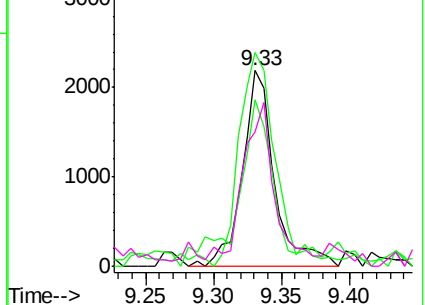


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

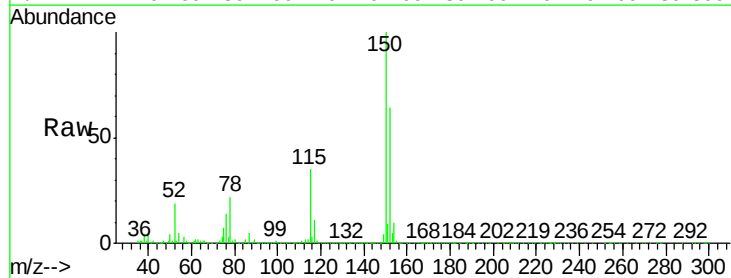
Tgt Ion:152 Resp: 375277

Ion Ratio Lower Upper

152 100

115 55.0 38.3 114.9

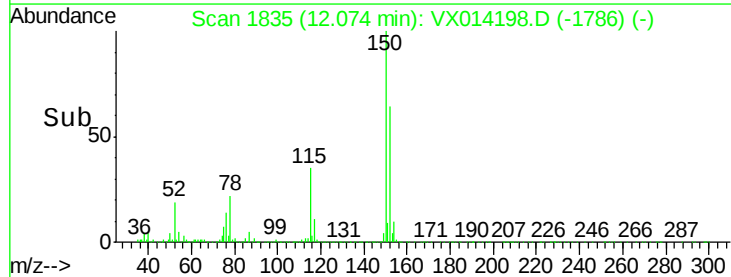
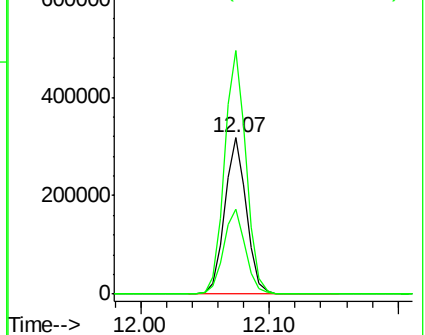
150 156.0 0.0 345.4

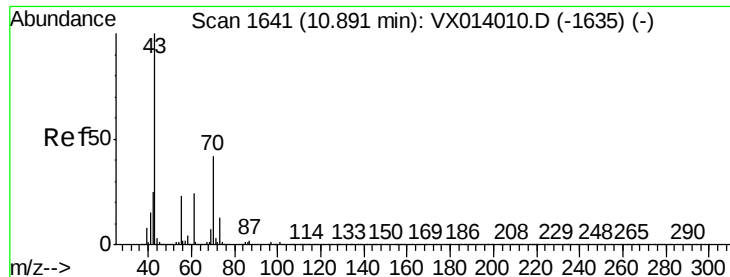


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 1.053 ug/l

RT: 10.82 min Scan# 1629

Delta R.T. -0.07 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

Tgt Ion: 43 Resp: 13044

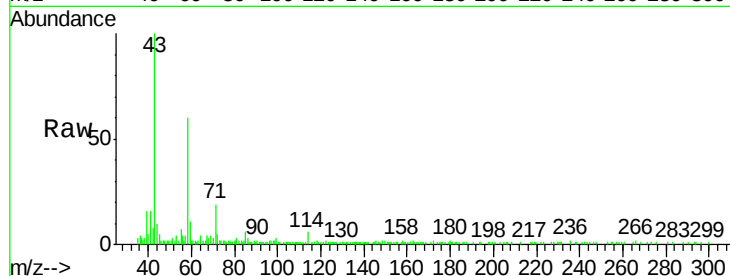
Ion Ratio Lower Upper

43 100

70 1.8 34.4 51.6#

55 10.6 19.1 28.7#

61 0.0 19.7 29.5#

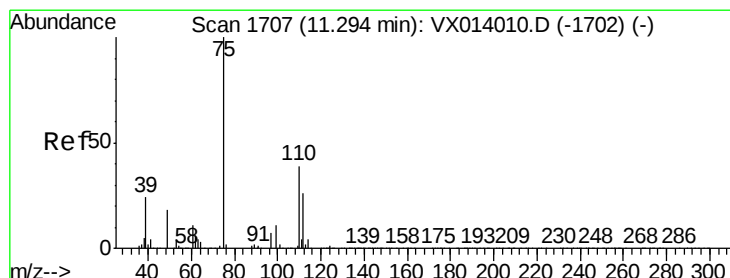
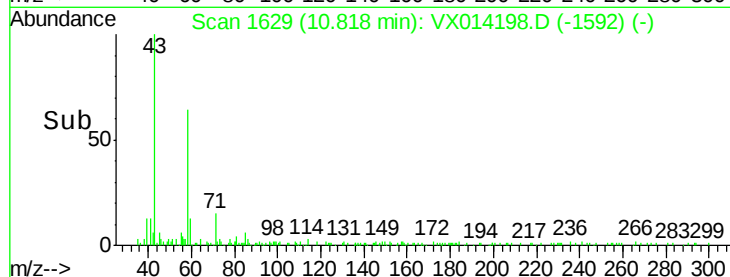
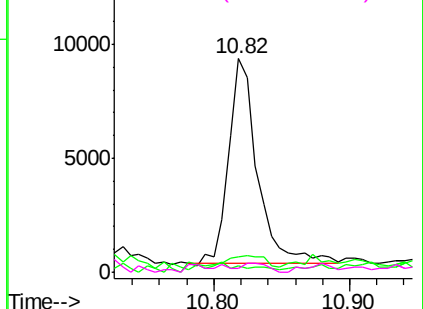


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.887 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014198.D

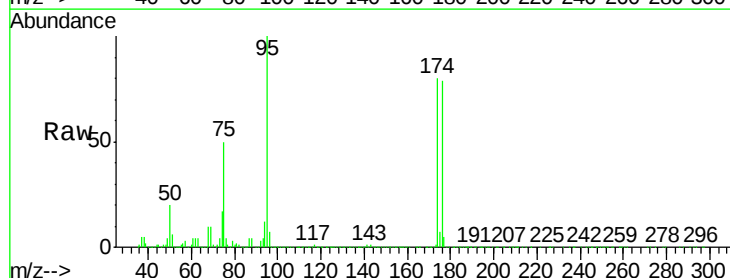
Acq: 23 Dec 2019 13:40

Tgt Ion: 75 Resp: 178317

Ion Ratio Lower Upper

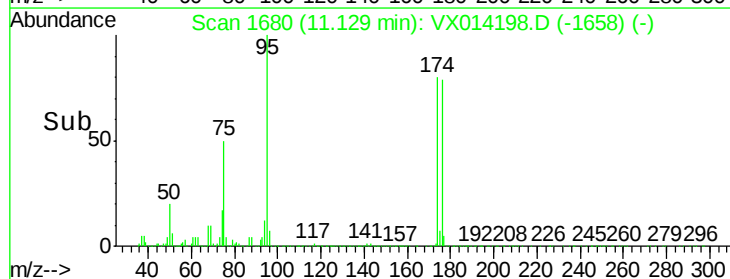
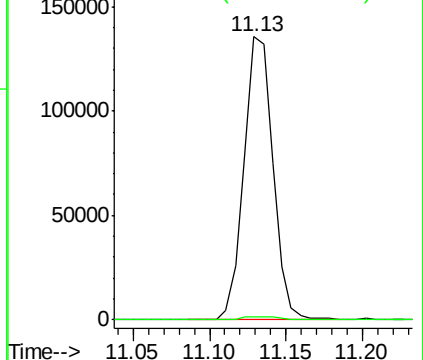
75 100

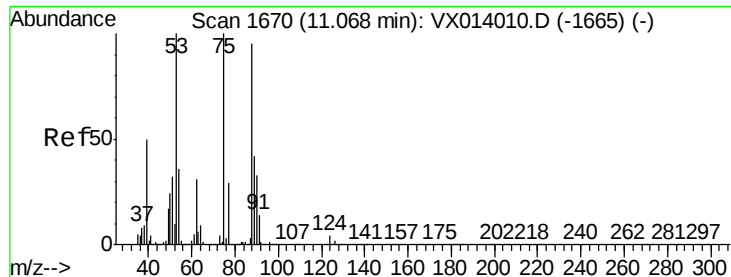
77 1.7 19.3 57.8#



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: 61.776 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

Instrument :

MSVOA\_X

ClientSampleId :

STOCKPILE

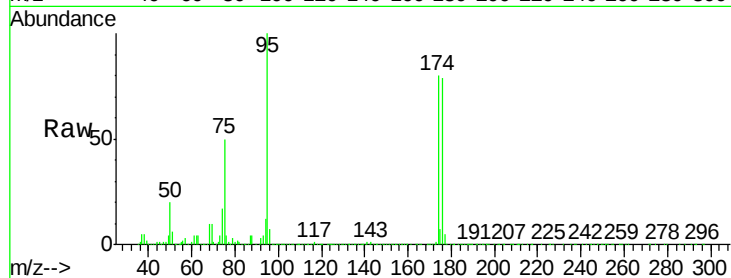
Tgt Ion: 75 Resp: 178317

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

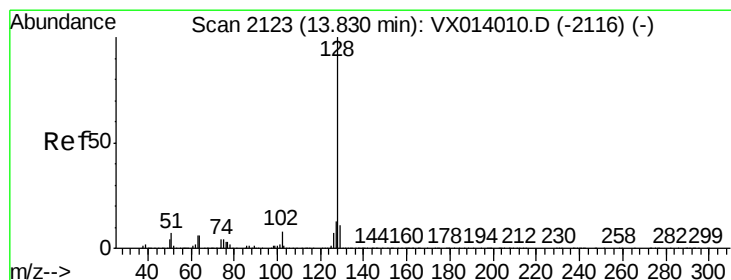
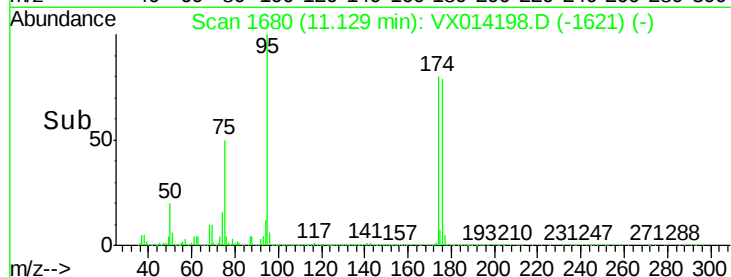
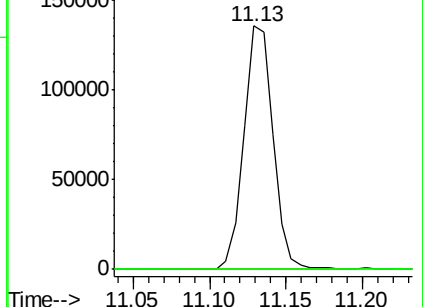
89 0.1 34.6 51.8#



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



#95

Naphthalene

Concen: 0.237 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014198.D

Acq: 23 Dec 2019 13:40

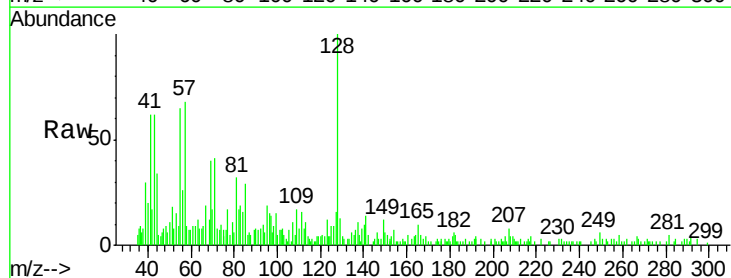
Tgt Ion: 128 Resp: 5810

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.4

129 16.9 8.7 13.1#



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

