

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\  
 Data File : VX011329.D  
 Acq On : 05 Aug 2019 16:27  
 Operator : JC/SP  
 Sample : K4130-22  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 06 02:39:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 188171   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 274271   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 252806   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 114627   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 92427    | 48.77 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.54% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 81824    | 45.70 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.40% |          |
| 50) Toluene-d8              | 8.71  | 98   | 327966   | 48.52 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.04% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 105380   | 43.67 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.34% |          |

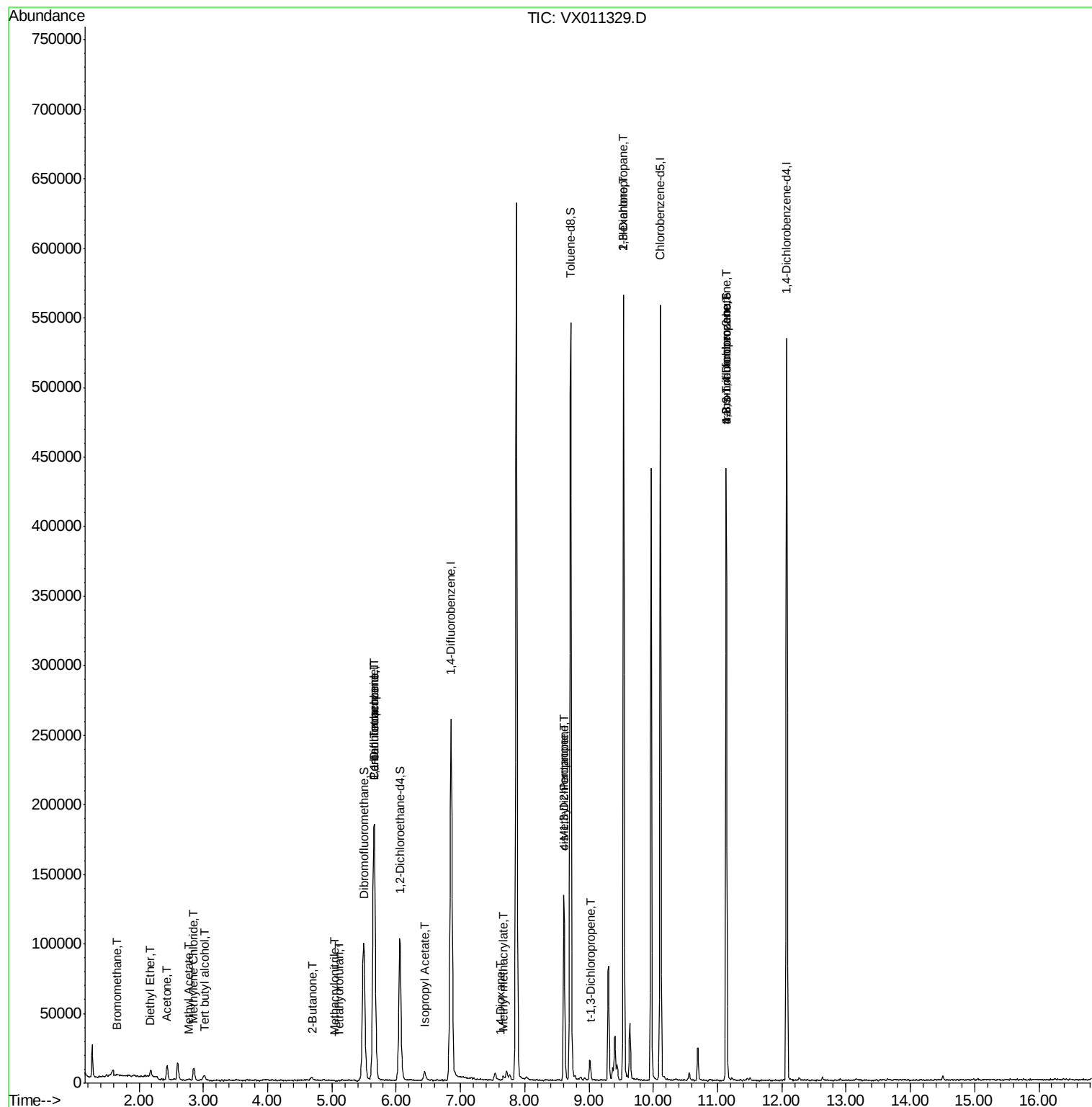
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.66  | 94   | 715      | 0.558     | ug/l # | 56     |
| 6) Chloroethane                | 1.72  | 64   | 231      | Below Cal | #      | 43     |
| 8) Diethyl Ether               | 2.18  | 74   | 1794     | 1.574     | ug/l   | 99     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 1946     | 5.172     | ug/l # | 72     |
| 13) Acrolein                   | 2.29  | 56   | 86       | Below Cal | #      | 15     |
| 16) Acetone                    | 2.43  | 43   | 11888    | 13.180    | ug/l   | 100    |
| 18) Methyl Acetate             | 2.77  | 43   | 1185     | 0.575     | ug/l # | 88     |
| 20) Methylene Chloride         | 2.85  | 84   | 4323     | 2.188     | ug/l   | 93     |
| 25) 2-Butanone                 | 4.70  | 43   | 1233     | 0.961     | ug/l   | 90     |
| 29) Tetrahydrofuran            | 5.11  | 42   | 336      | 0.427     | ug/l # | 50     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 12057    | 5.035     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 16831    | 6.986     | ug/l # | 16     |
| 41) Methacrylonitrile          | 5.04  | 41   | 310      | 0.236     | ug/l # | 27     |
| 43) Isopropyl Acetate          | 6.45  | 43   | 8172     | 2.128     | ug/l   | 95     |
| 48) Methyl methacrylate        | 7.66  | 41   | 3672     | 2.032     | ug/l # | 11     |
| 49) 1,4-Dioxane                | 7.63  | 88   | 22       | 0.420     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 41616    | 16.792    | ug/l # | 48     |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 26       | 2.848     | ug/l # | 43     |
| 54) cis-1,3-Dichloropropene    | 8.61  | 75   | 21071    | 7.886     | ug/l # | 64     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 4792     | 1.560     | ug/l # | 42     |
| 59) 2-Hexanone                 | 9.54  | 43   | 62843    | 32.737    | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 52327    | 25.067    | ug/l # | 36     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 52327    | 65.402    | ug/l # | 10     |

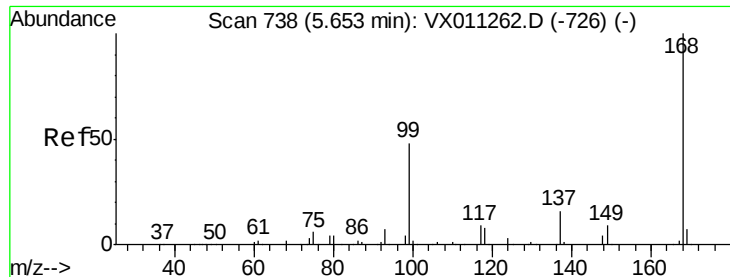
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080519\  
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ClientSampleId :

Quant Time: Aug 06 02:39:06 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

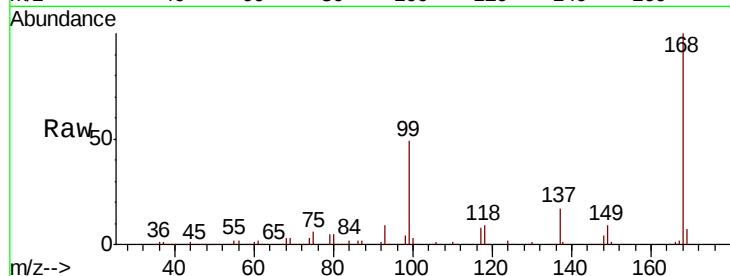
ClientSampleId :

Tot Ion:168 Resp: 188171

Ion Ratio Lower Upper

168 100

99 48.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

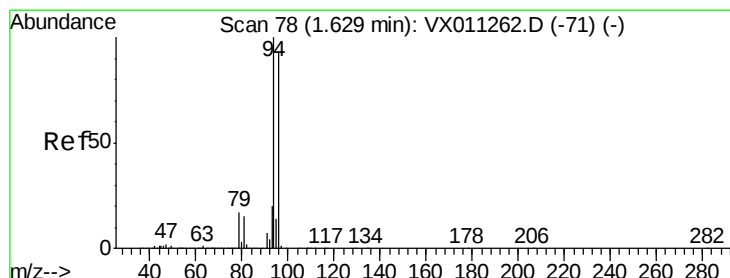
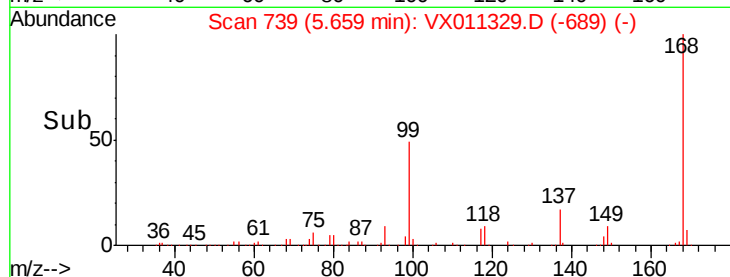
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.558 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.03 min

Lab File: VX011329.D

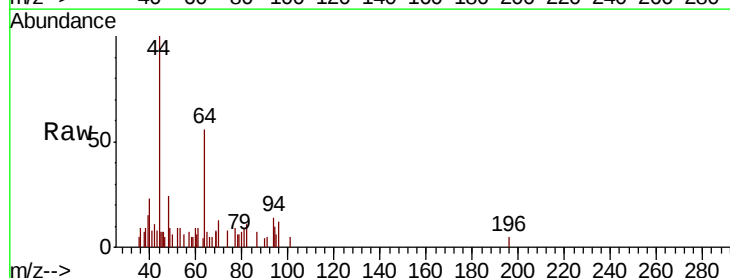
Acq: 05 Aug 2019 16:27

Tgt Ion: 94 Resp: 715

Ion Ratio Lower Upper

94 100

96 51.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

300

250

200

150

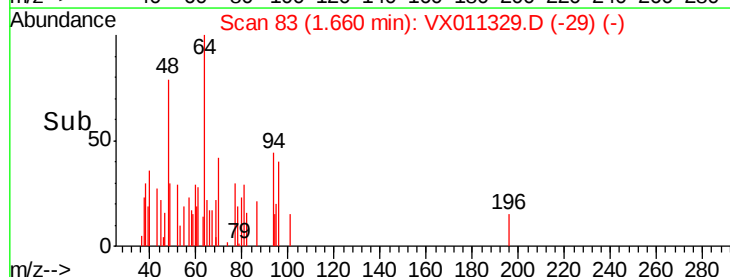
100

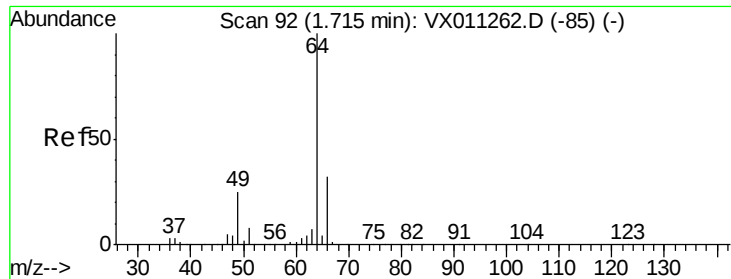
50

0

Time-->

1.60 1.65 1.70 1.75





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

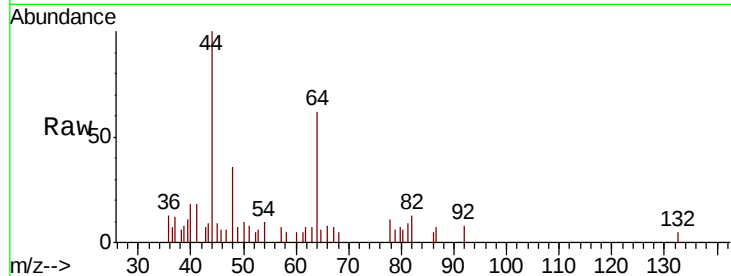
ClientSampled :

Tot Ion: 64 Resp: 231

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

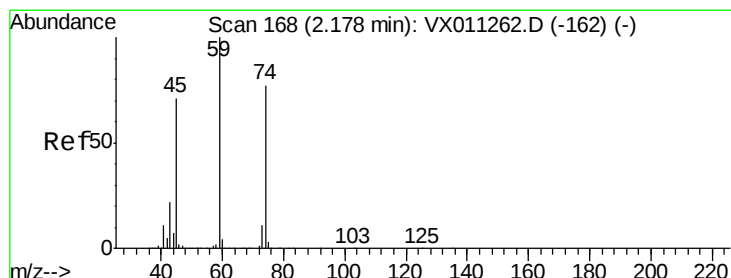
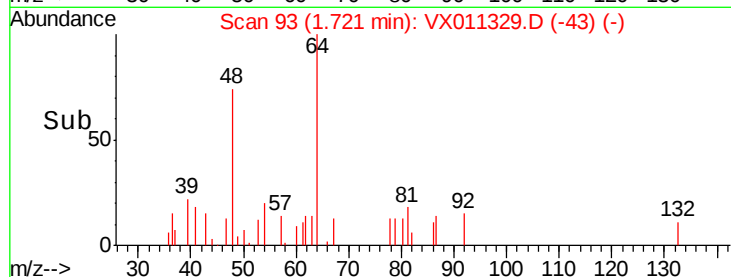
600

400

200

0

Time-->



#8

Diethyl Ether

Concen: 1.574 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011329.D

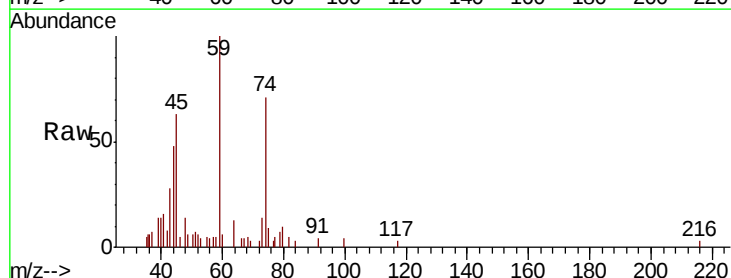
Acq: 05 Aug 2019 16:27

Tgt Ion: 74 Resp: 1794

Ion Ratio Lower Upper

74 100

45 92.7 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

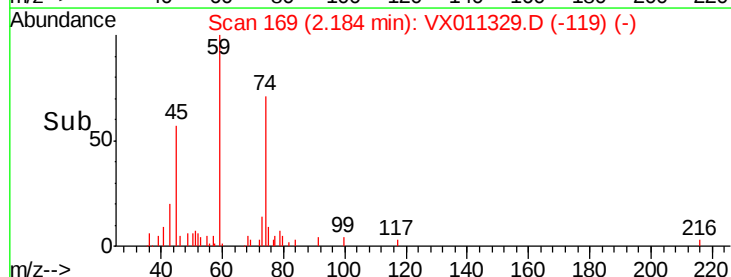
1500

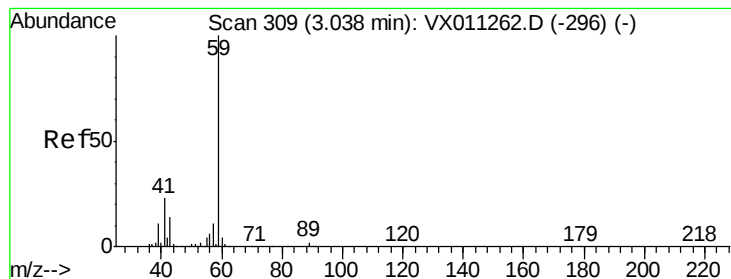
1000

500

0

Time-->



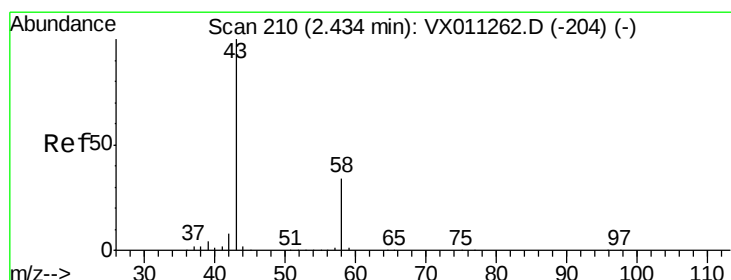
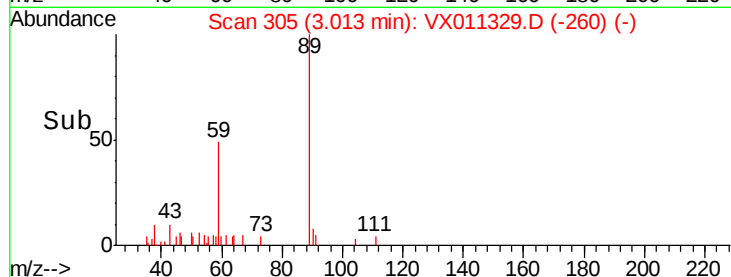
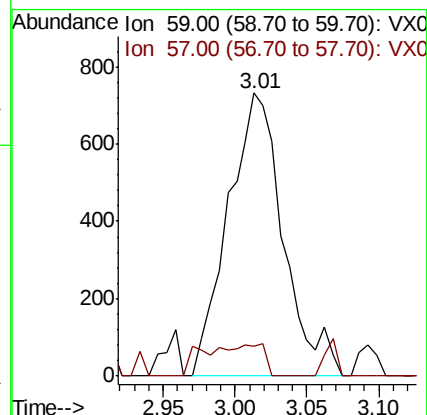
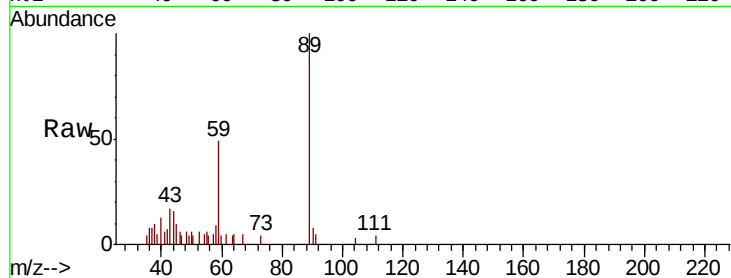


#11

Tert butyl alcohol  
 Concen: 5.172 ug/l  
 RT: 3.01 min Scan# 305  
 Delta R.T. -0.02 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

Instrument :  
 MSVOA\_X  
 ClientSampled :

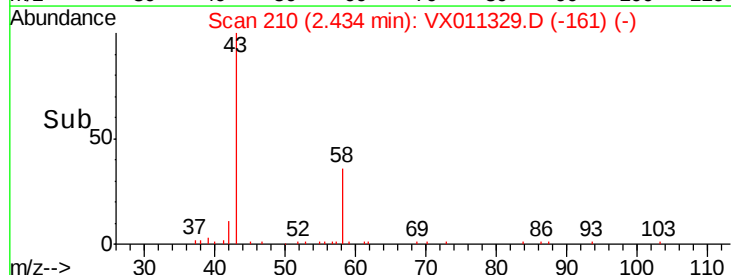
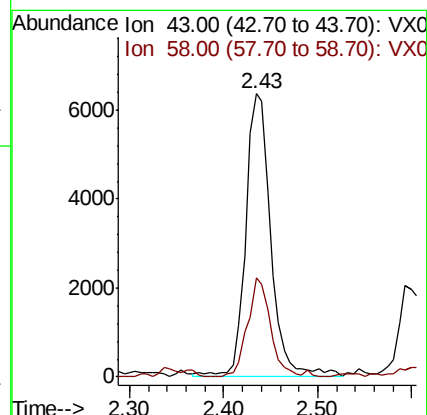
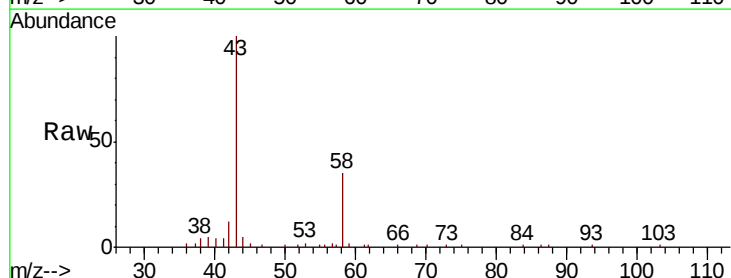
Tot Ion: 59 Resp: 1946  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.3 12.5#

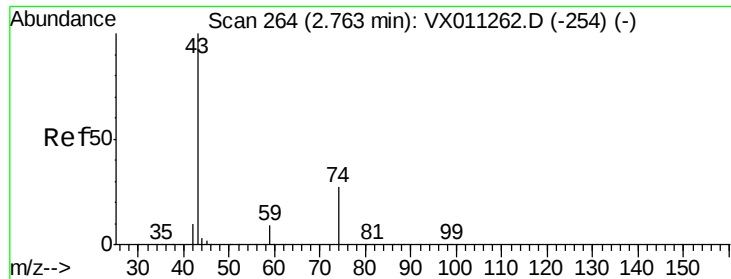


#16

Acetone  
 Concen: 13.180 ug/l  
 RT: 2.43 min Scan# 210  
 Delta R.T. 0.00 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

Tgt Ion: 43 Resp: 11888  
 Ion Ratio Lower Upper  
 43 100  
 58 33.9 27.4 41.0

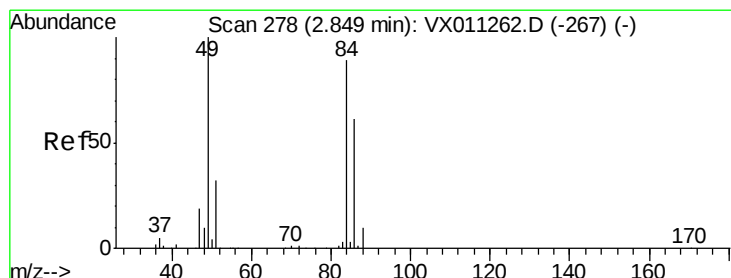
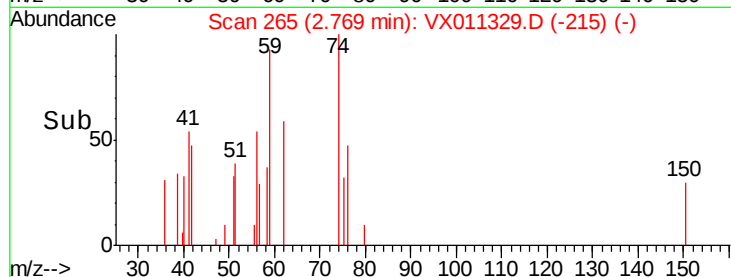
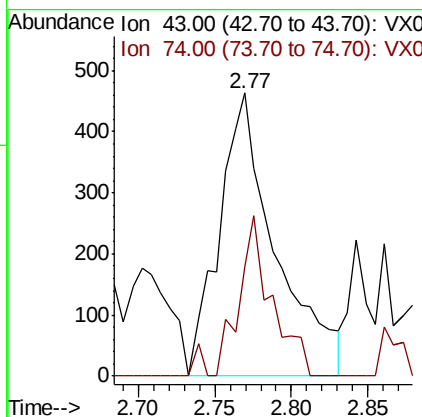
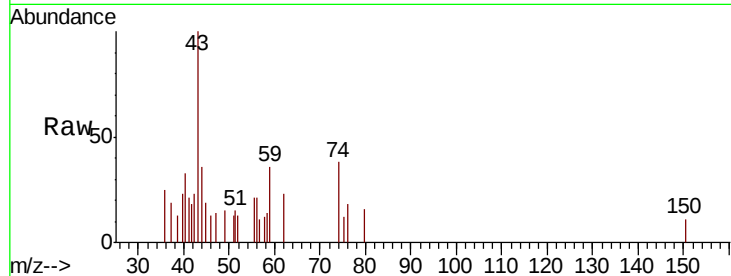




#18  
Methyl Acetate  
Concen: 0.575 ug/l  
RT: 2.77 min Scan# 265  
Delta R.T. 0.01 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

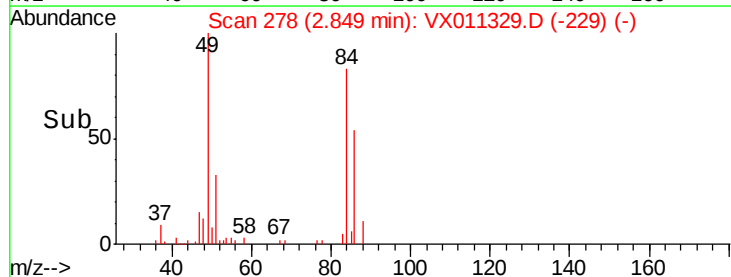
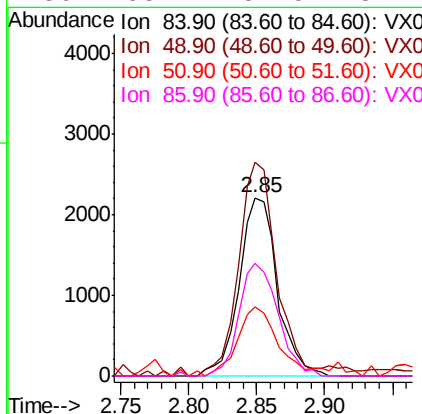
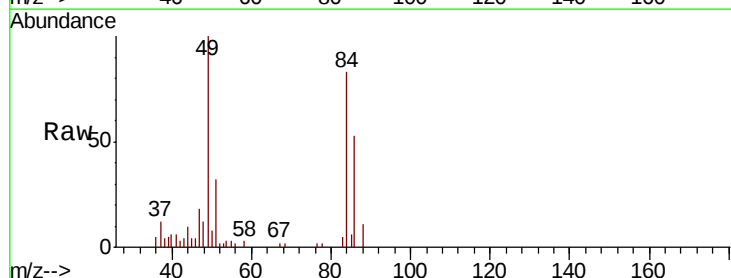
Instrument :  
MSVOA\_X  
ClientSampleId :

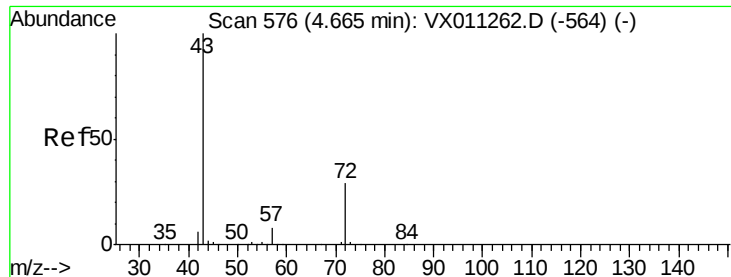
Tot Ion: 43 Resp: 1185  
Ion Ratio Lower Upper  
43 100  
74 32.5 21.0 31.6#



#20  
Methylene Chloride  
Concen: 2.188 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Tgt Ion: 84 Resp: 4323  
Ion Ratio Lower Upper  
84 100  
49 119.9 89.3 133.9  
51 38.9 28.3 42.5  
86 63.2 54.5 81.7





#25

2-Butanone

Concen: 0.961 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.03 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

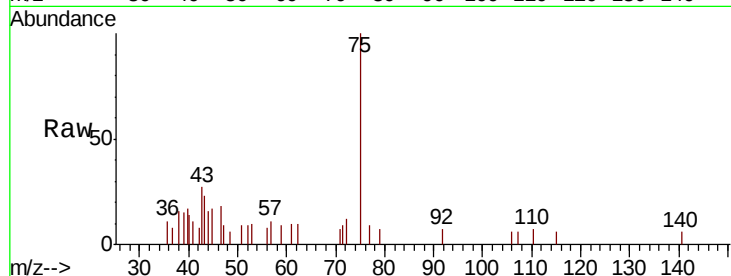
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 1233

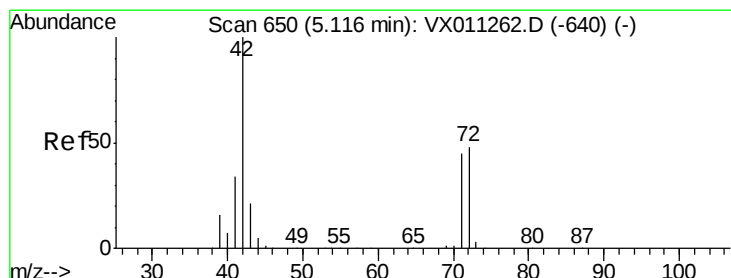
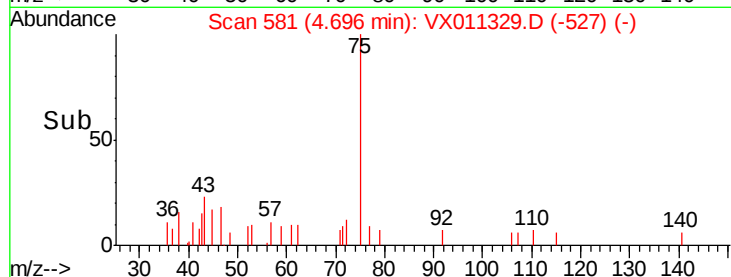
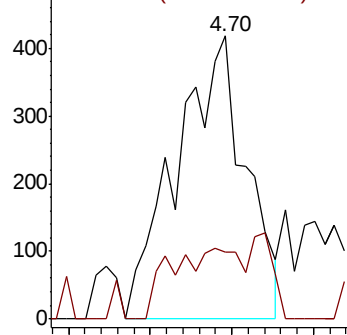
Ion Ratio Lower Upper

43 100

72 23.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.427 ug/l

RT: 5.11 min Scan# 649

Delta R.T. -0.01 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

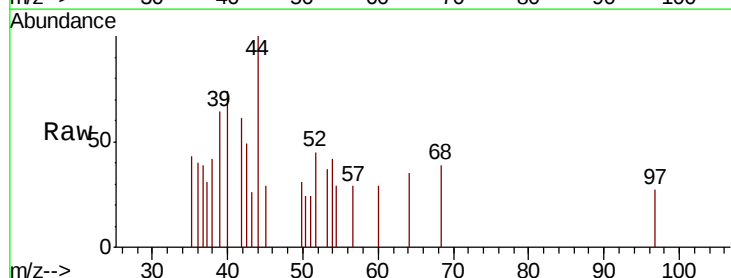
Tgt Ion: 42 Resp: 336

Ion Ratio Lower Upper

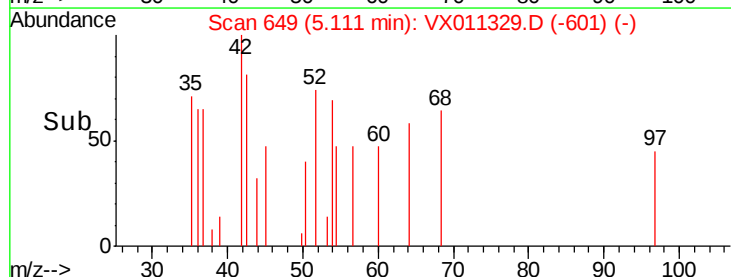
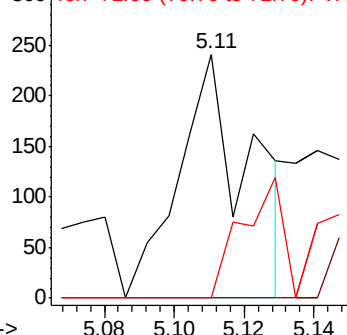
42 100

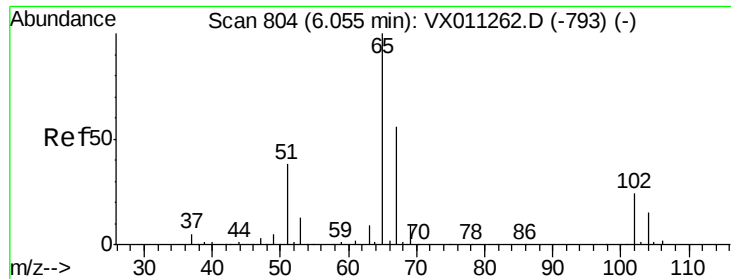
72 0.0 39.9 59.9#

71 28.9 36.9 55.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

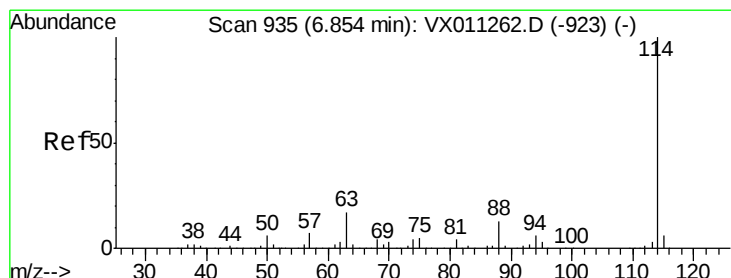
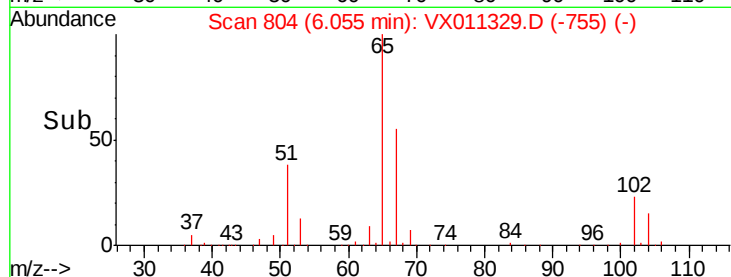
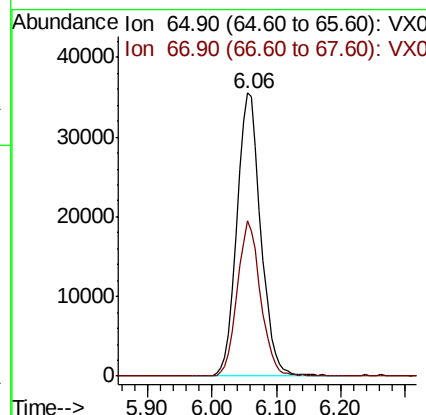
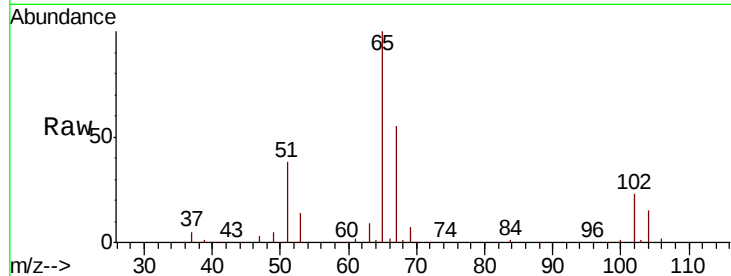




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.775 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

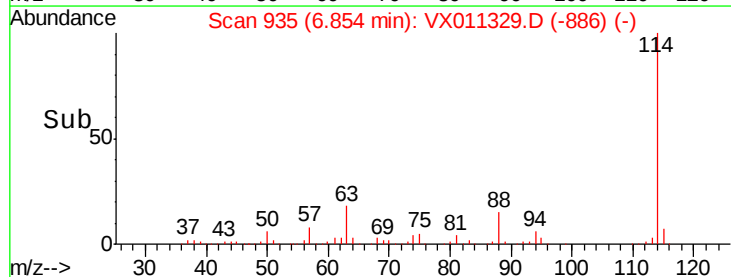
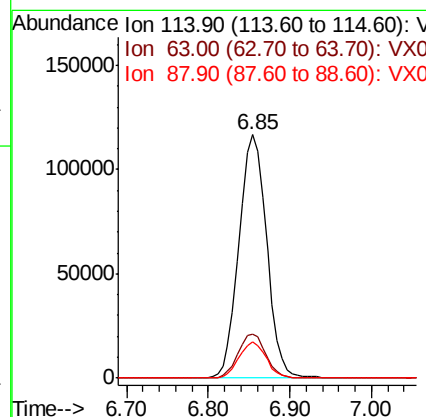
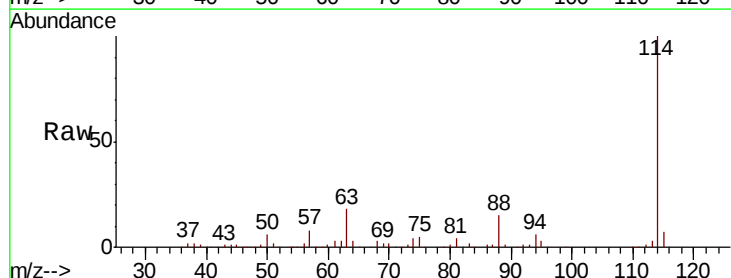
Instrument :  
 MSVOA\_X  
 ClientSampleId :

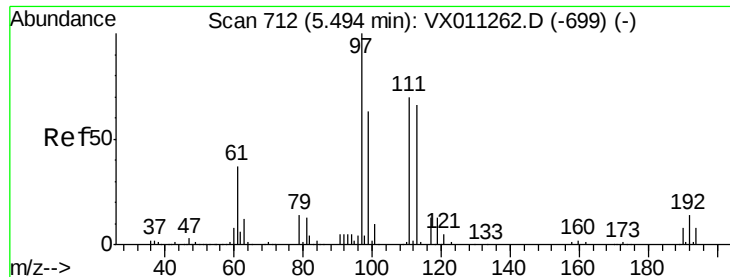
Tot Ion: 65 Resp: 92427  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

Tgt Ion: 114 Resp: 274271  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 34.0  
 88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.695 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

ClientSampleId :

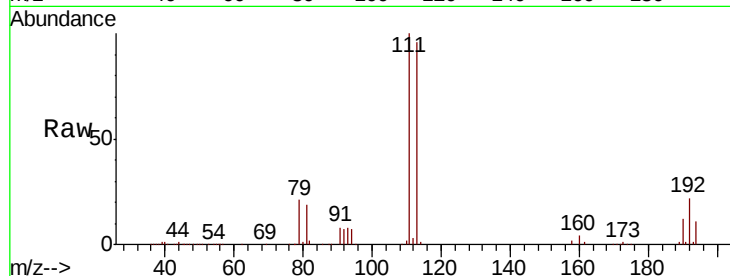
Tot Ion:113 Resp: 81824

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

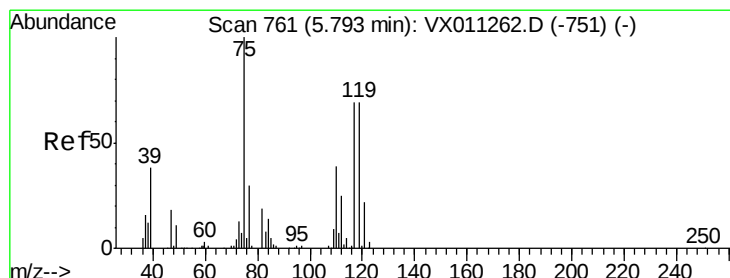
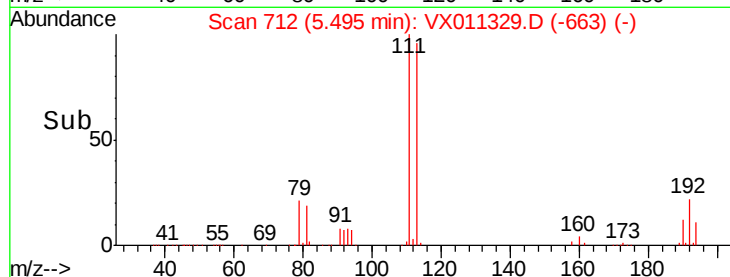
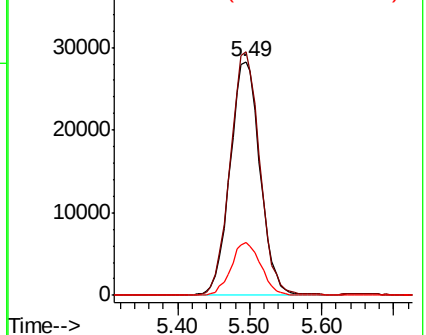
192 22.6 17.8 26.8



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: 5.035 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

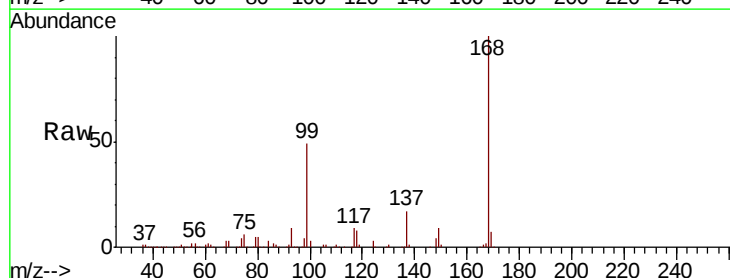
Tgt Ion: 75 Resp: 12057

Ion Ratio Lower Upper

75 100

110 12.4 20.0 59.9#

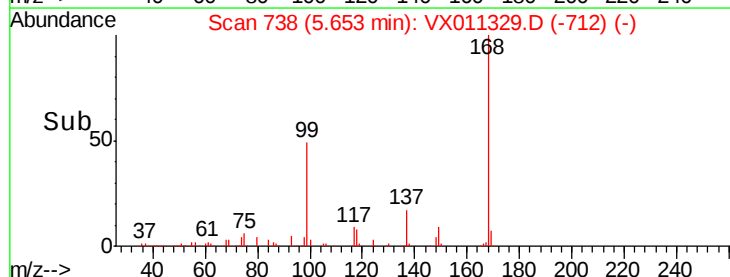
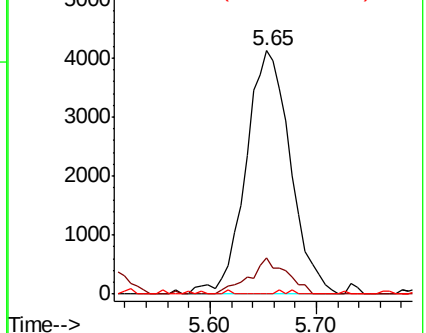
77 0.2 24.8 37.2#

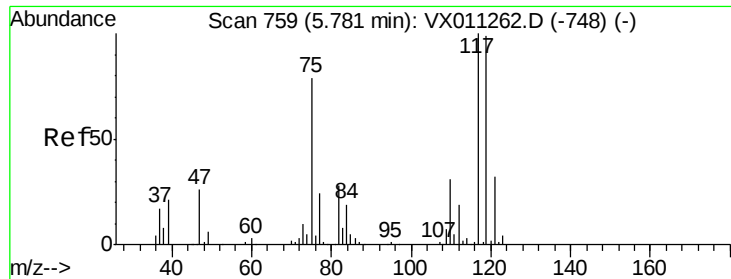


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

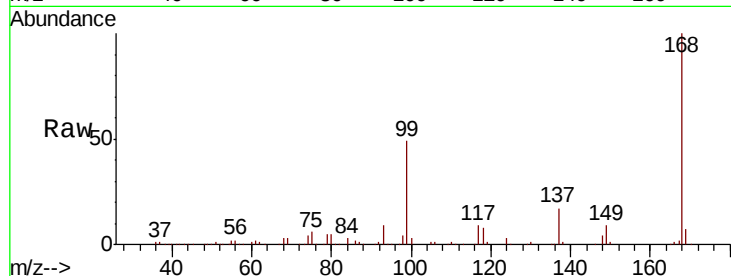




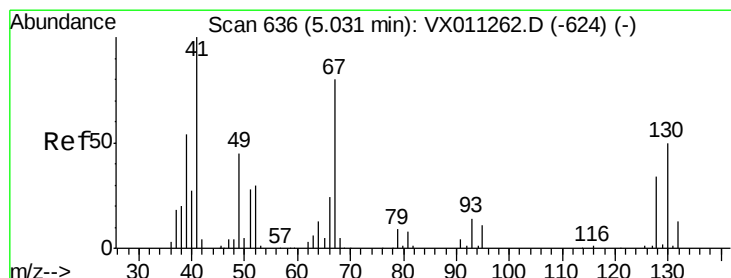
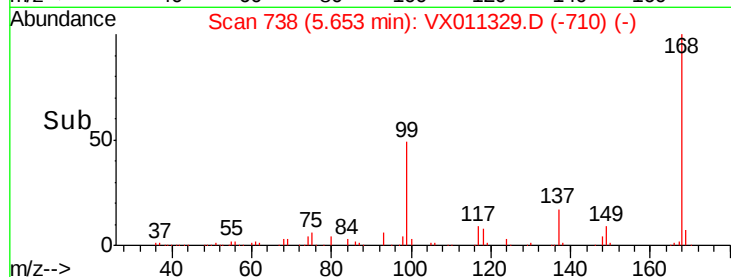
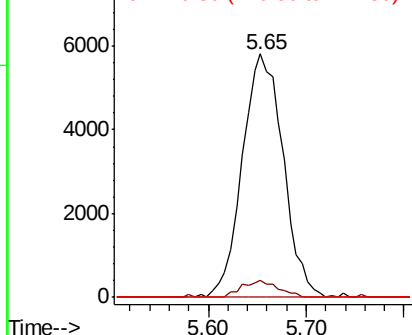
#38  
Carbon Tetrachloride  
Concen: 6.986 ug/l  
RT: 5.65 min Scan# 738  
Delta R.T. -0.13 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 16831  
Ion Ratio Lower Upper  
117 100  
119 6.9 79.0 118.4#  
121 0.0 25.9 38.9#

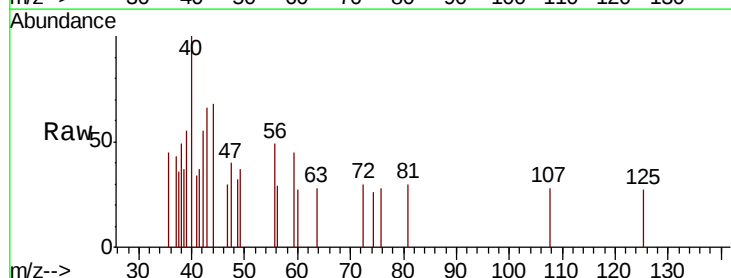


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

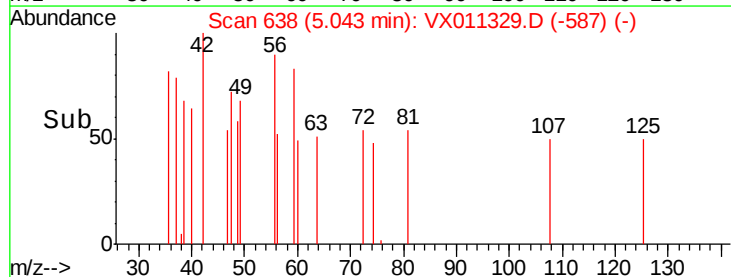
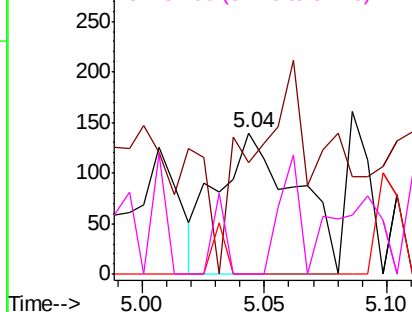


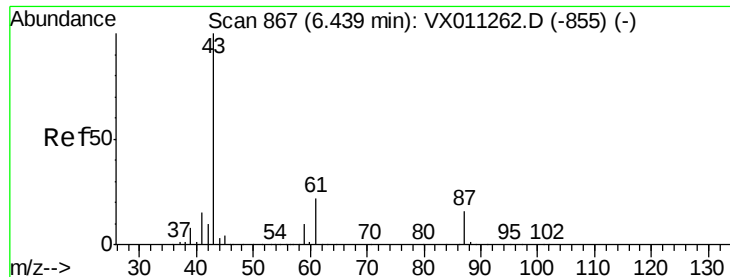
#41  
Methacrylonitrile  
Concen: 0.236 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. 0.01 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Tgt Ion: 41 Resp: 310  
Ion Ratio Lower Upper  
41 100  
39 0.0 43.0 64.6#  
67 6.1 65.1 97.7#  
52 9.4 24.8 37.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 2.128 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

ClientSampleId :

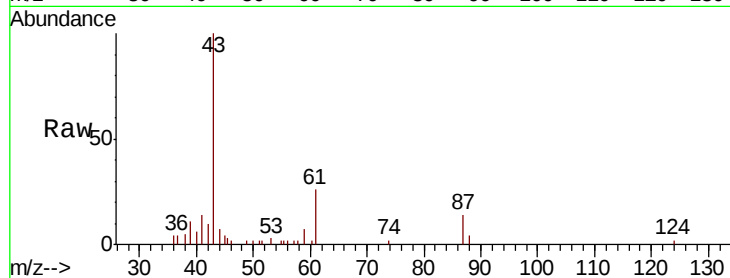
Tot Ion: 43 Resp: 8172

Ion Ratio Lower Upper

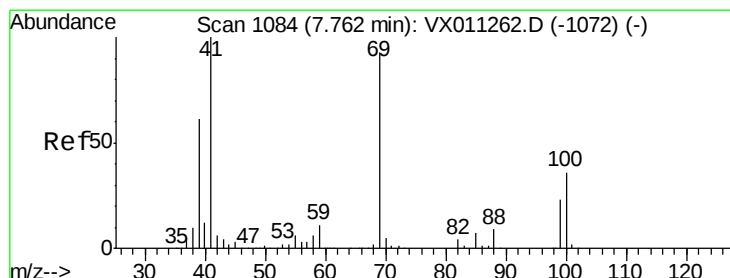
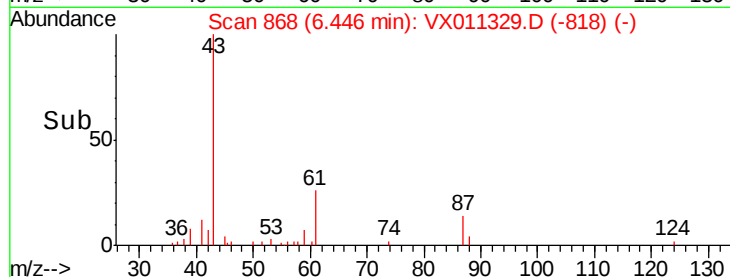
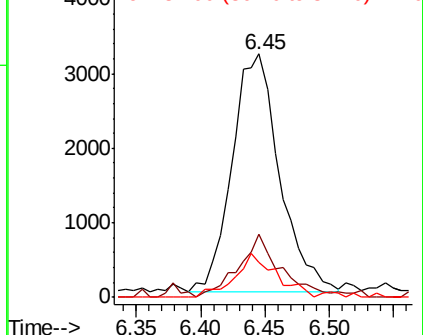
43 100

61 23.8 16.5 24.7

87 16.0 12.1 18.1



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



#48

Methyl methacrylate

Concen: 2.032 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.10 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

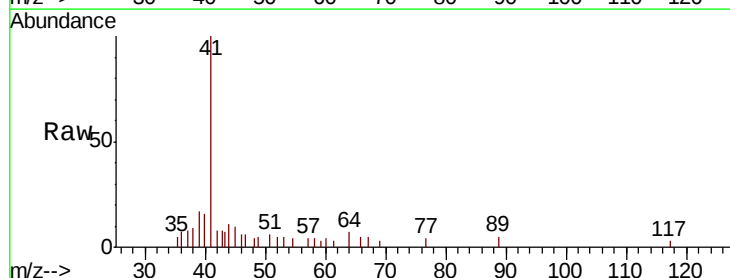
Tgt Ion: 41 Resp: 3672

Ion Ratio Lower Upper

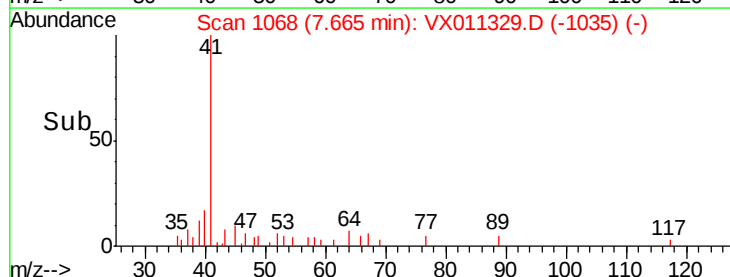
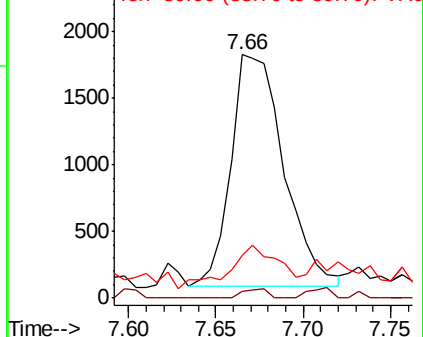
41 100

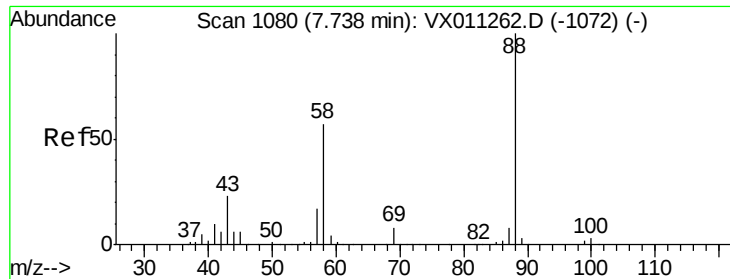
69 1.8 74.5 111.7#

39 0.0 48.6 72.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

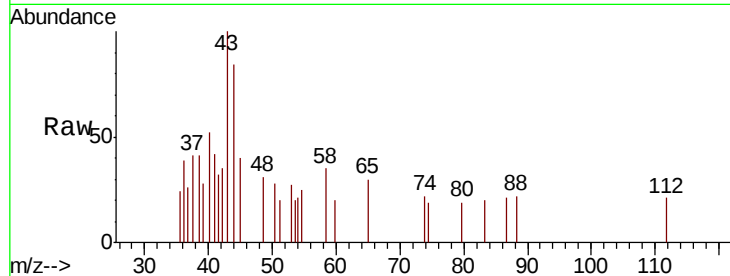




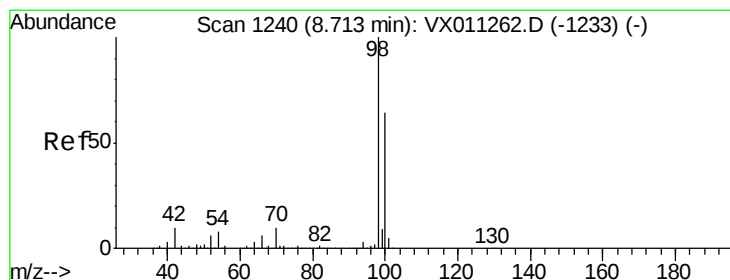
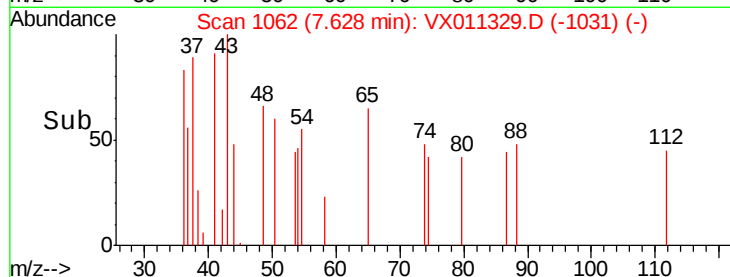
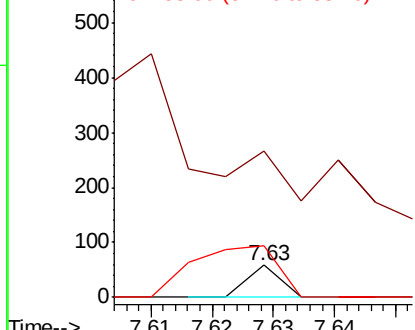
#49  
1,4-Dioxane  
Concen: 0.420 ug/l  
RT: 7.63 min Scan# 1062  
Delta R.T. -0.11 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 88 Resp: 22  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.2 33.2#  
58 409.1 47.8 71.8#

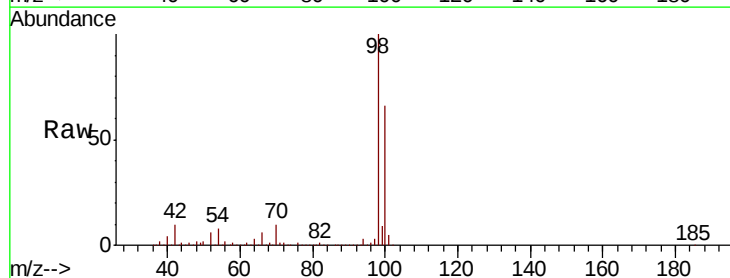


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

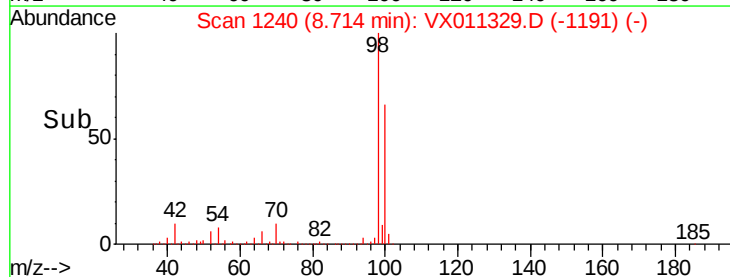
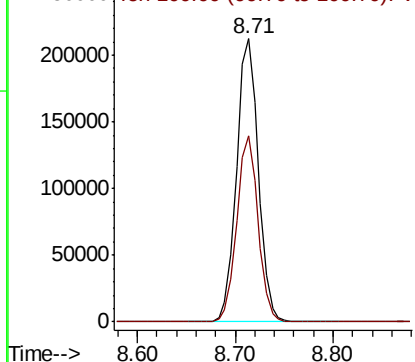


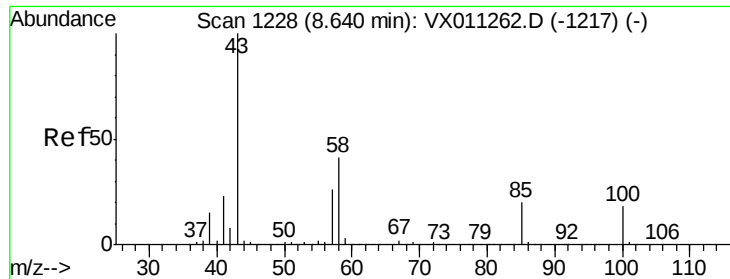
#50  
Toluene-d8  
Concen: 48.522 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Tgt Ion: 98 Resp: 327966  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 16.792 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

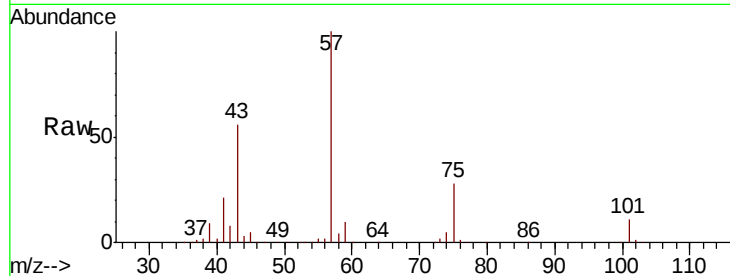
ClientSampled :

Tot Ion: 43 Resp: 41616

Ion Ratio Lower Upper

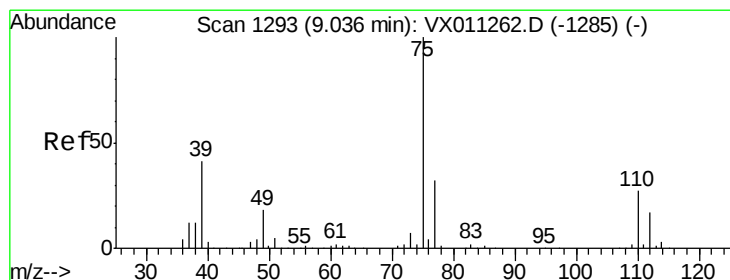
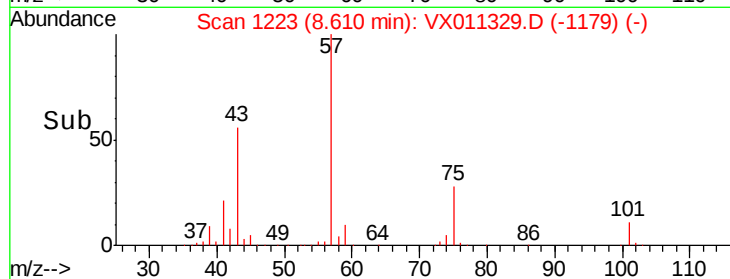
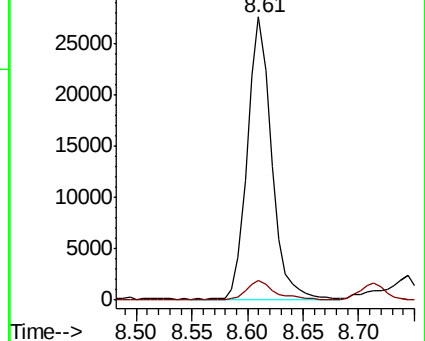
43 100

58 8.2 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.848 ug/l

RT: 9.03 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX011329.D

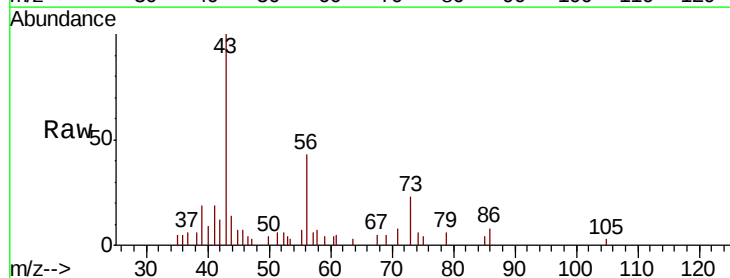
Acq: 05 Aug 2019 16:27

Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

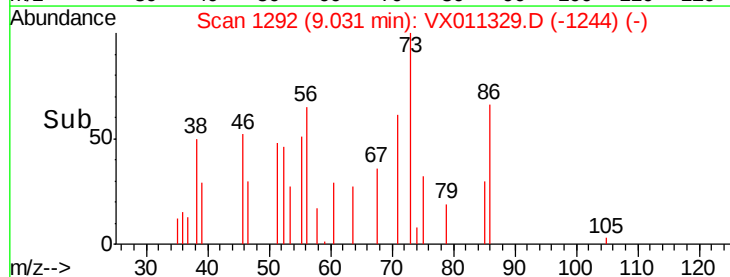
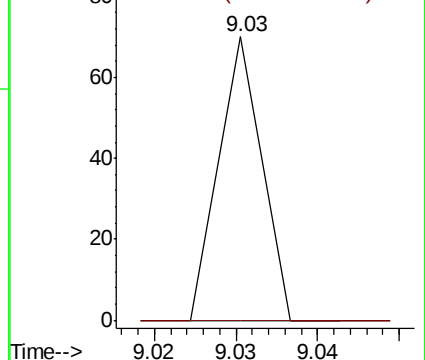
75 100

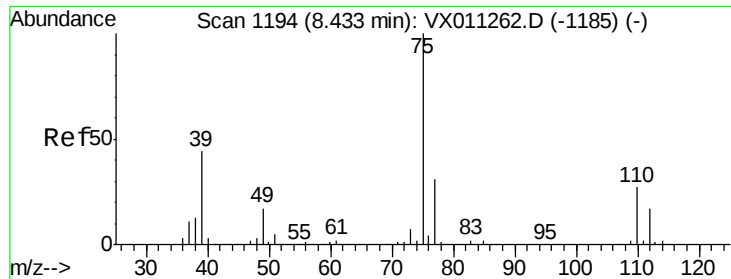
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



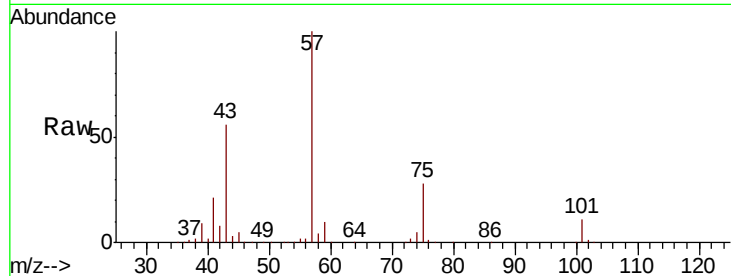


#54

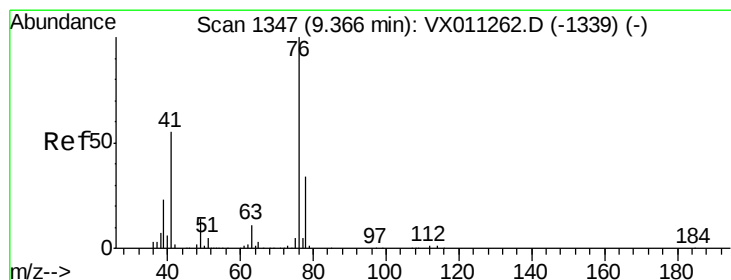
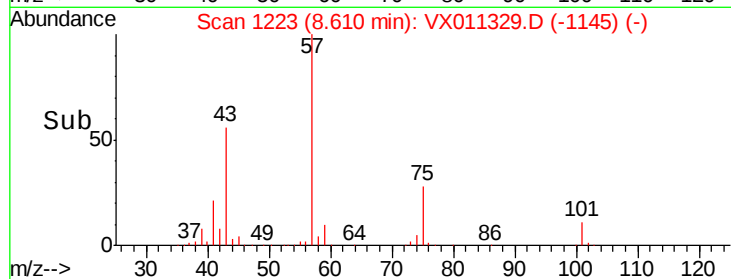
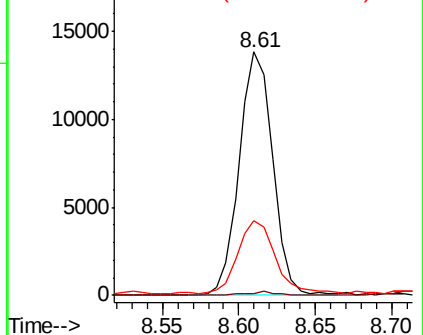
cis-1,3-Dichloropropene  
 Concen: 7.886 ug/l  
 RT: 8.61 min Scan# 1223  
 Delta R.T. 0.18 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 75 Resp: 21071  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.0 37.6#  
 39 29.6 35.3 52.9#



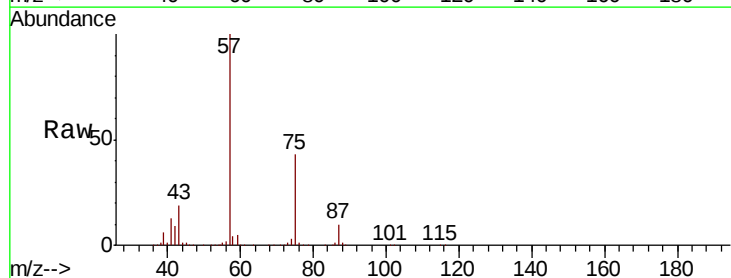
Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0  
 Ion 39.00 (38.70 to 39.70): VX0



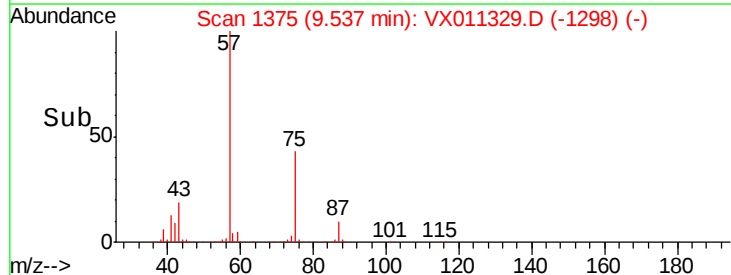
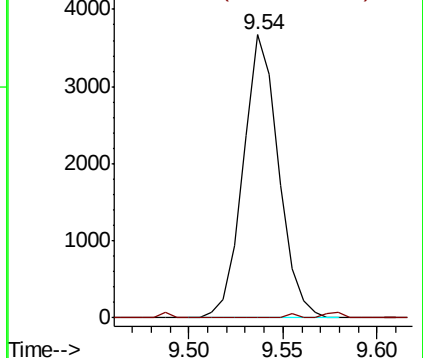
#57

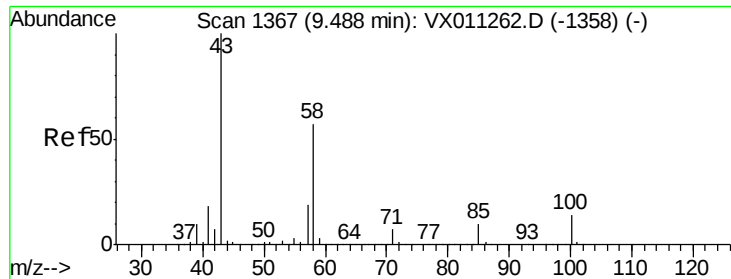
1,3-Dichloropropane  
 Concen: 1.560 ug/l  
 RT: 9.54 min Scan# 1375  
 Delta R.T. 0.17 min  
 Lab File: VX011329.D  
 Acq: 05 Aug 2019 16:27

Tgt Ion: 76 Resp: 4792  
 Ion Ratio Lower Upper  
 76 100  
 78 0.4 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0  
 Ion 77.90 (77.60 to 78.60): VX0

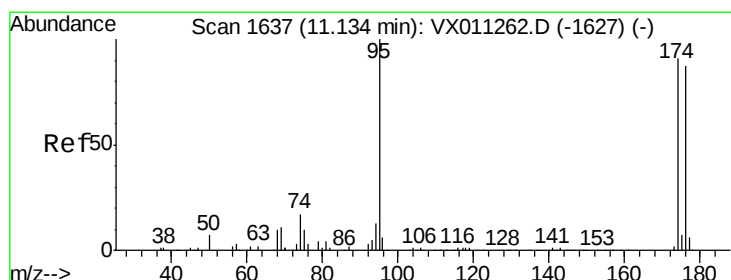
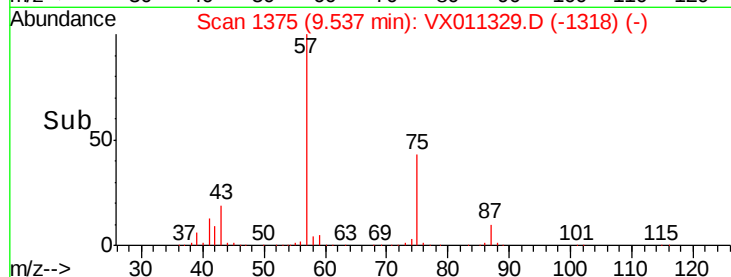
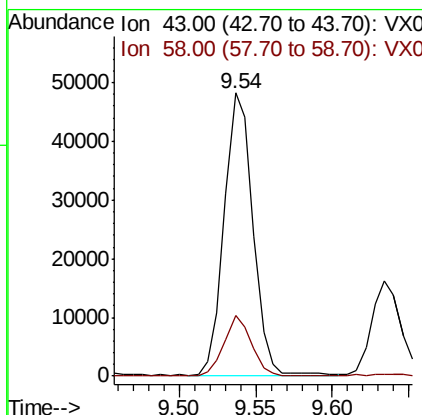
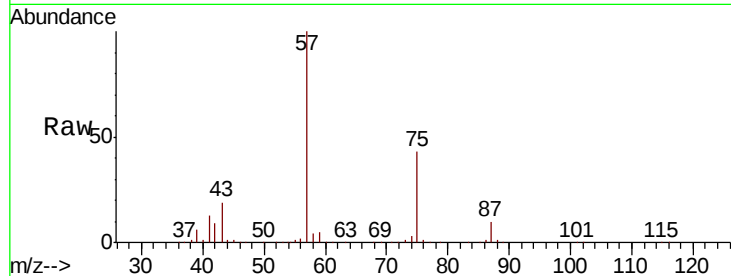




#59  
2-Hexanone  
Concen: 32.737 ug/l  
RT: 9.54 min Scan# 1375  
Delta R.T. 0.05 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

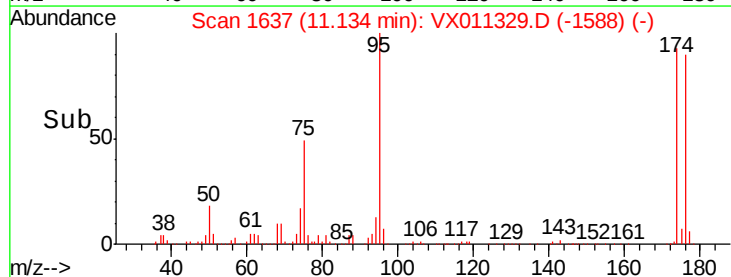
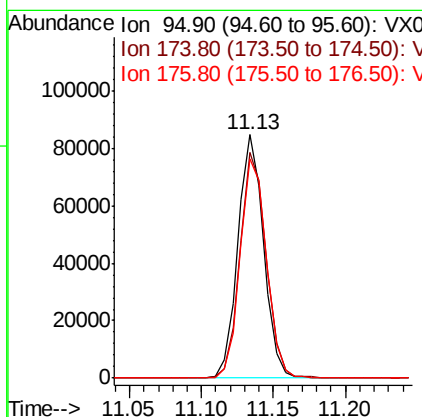
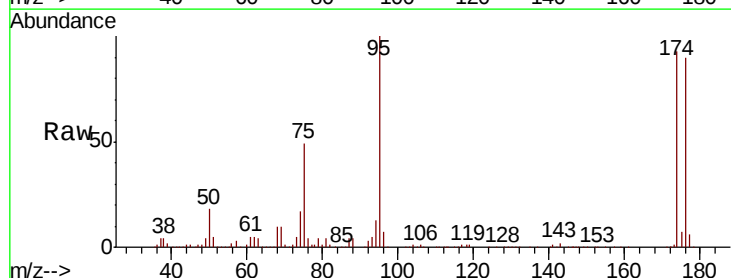
Instrument :  
MSVOA\_X  
ClientSampleId :

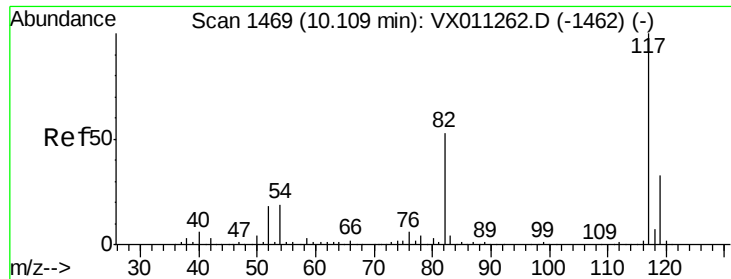
Tot Ion: 43 Resp: 62843  
Ion Ratio Lower Upper  
43 100  
58 20.5 28.2 84.6#



#62  
4-Bromofluorobenzene  
Concen: 43.668 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Tgt Ion: 95 Resp: 105380  
Ion Ratio Lower Upper  
95 100  
174 93.9 0.0 191.2  
176 91.9 0.0 184.8

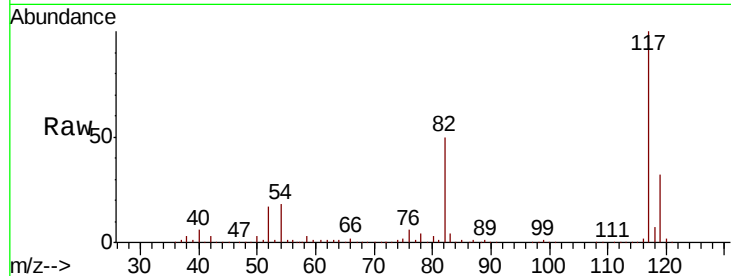




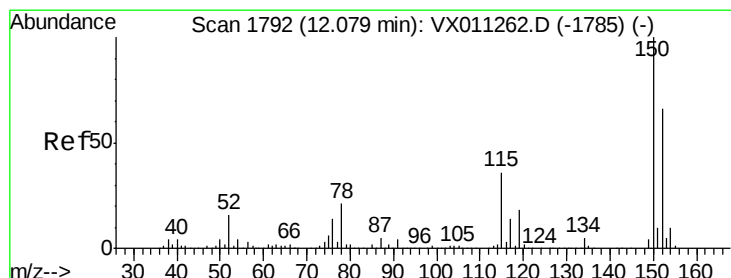
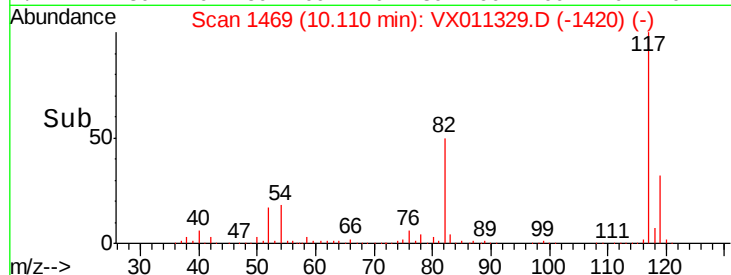
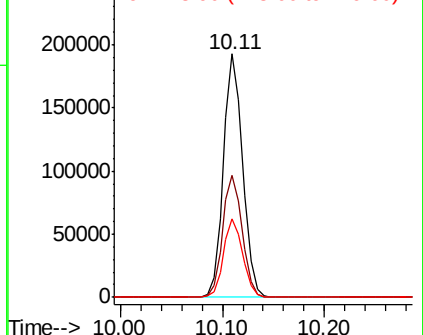
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.3  | 42.2  | 63.2  |
| 119     | 32.3  | 26.6  | 39.8  |

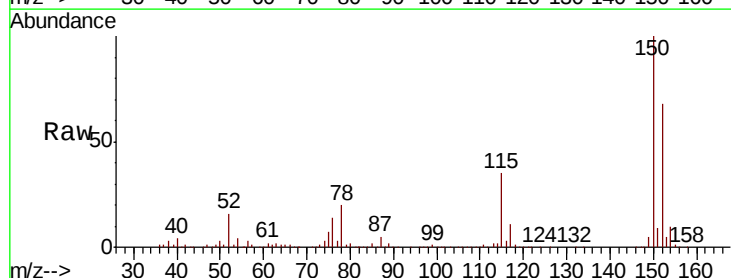


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

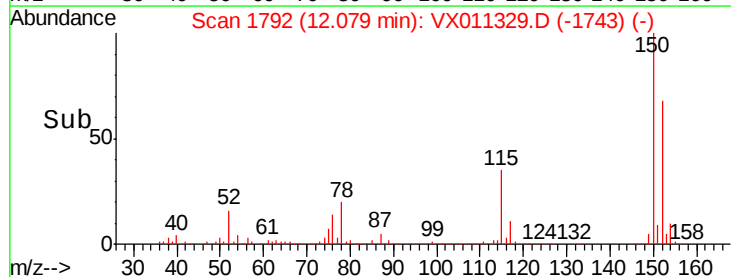
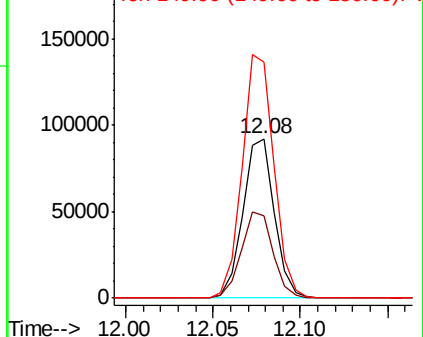


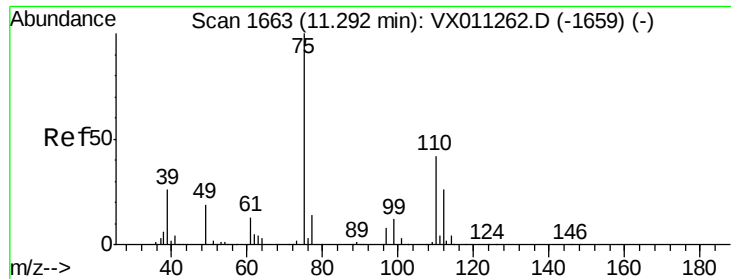
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX011329.D  
Acq: 05 Aug 2019 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.5  | 40.0  | 119.9 |
| 150     | 154.7 | 0.0   | 350.4 |



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





#76

1,2,3-Trichloropropane

Concen: 25.067 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA\_X

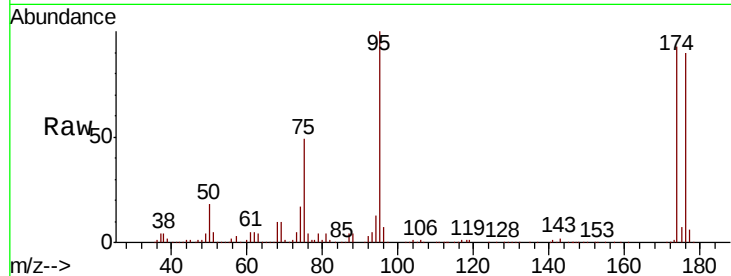
ClientSampleId :

Tot Ion: 75 Resp: 52327

Ion Ratio Lower Upper

75 100

77 1.5 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

40000

30000

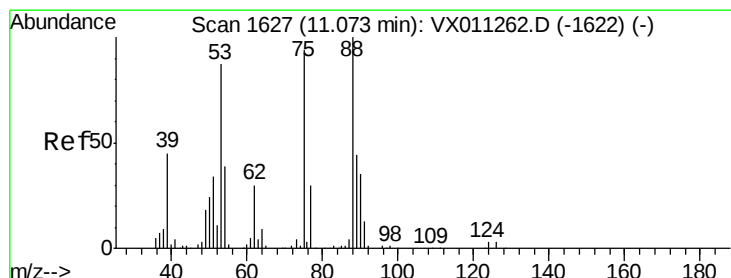
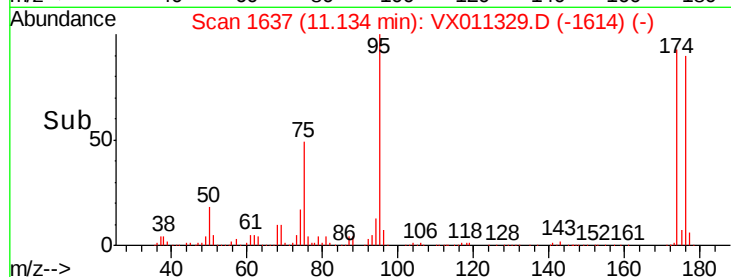
20000

10000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 65.402 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

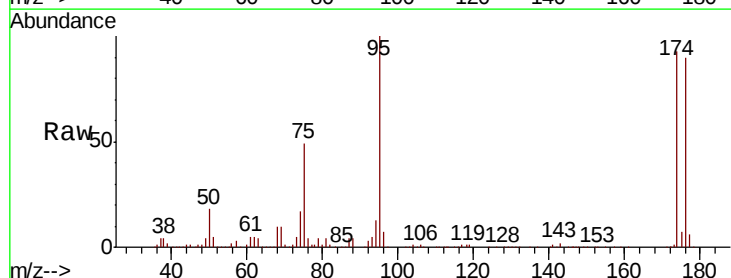
Tgt Ion: 75 Resp: 52327

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

89 0.0 37.9 56.9#



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

11.13

40000

30000

20000

10000

0

Time-->

11.10 11.20

