

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX082119\  
 Data File : VX011745.D  
 Acq On : 22 Aug 2019 01:29  
 Operator : JC/SP  
 Sample : K4096-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TR-05-081919

Quant Time: Aug 22 03:43:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 04:15:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 404007   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 582924   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 543016   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 285924   | 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   | 220000   | 58.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 117.44% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 184555   | 48.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.82%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 664303   | 55.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 111.84% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 251896   | 50.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.48% |          |

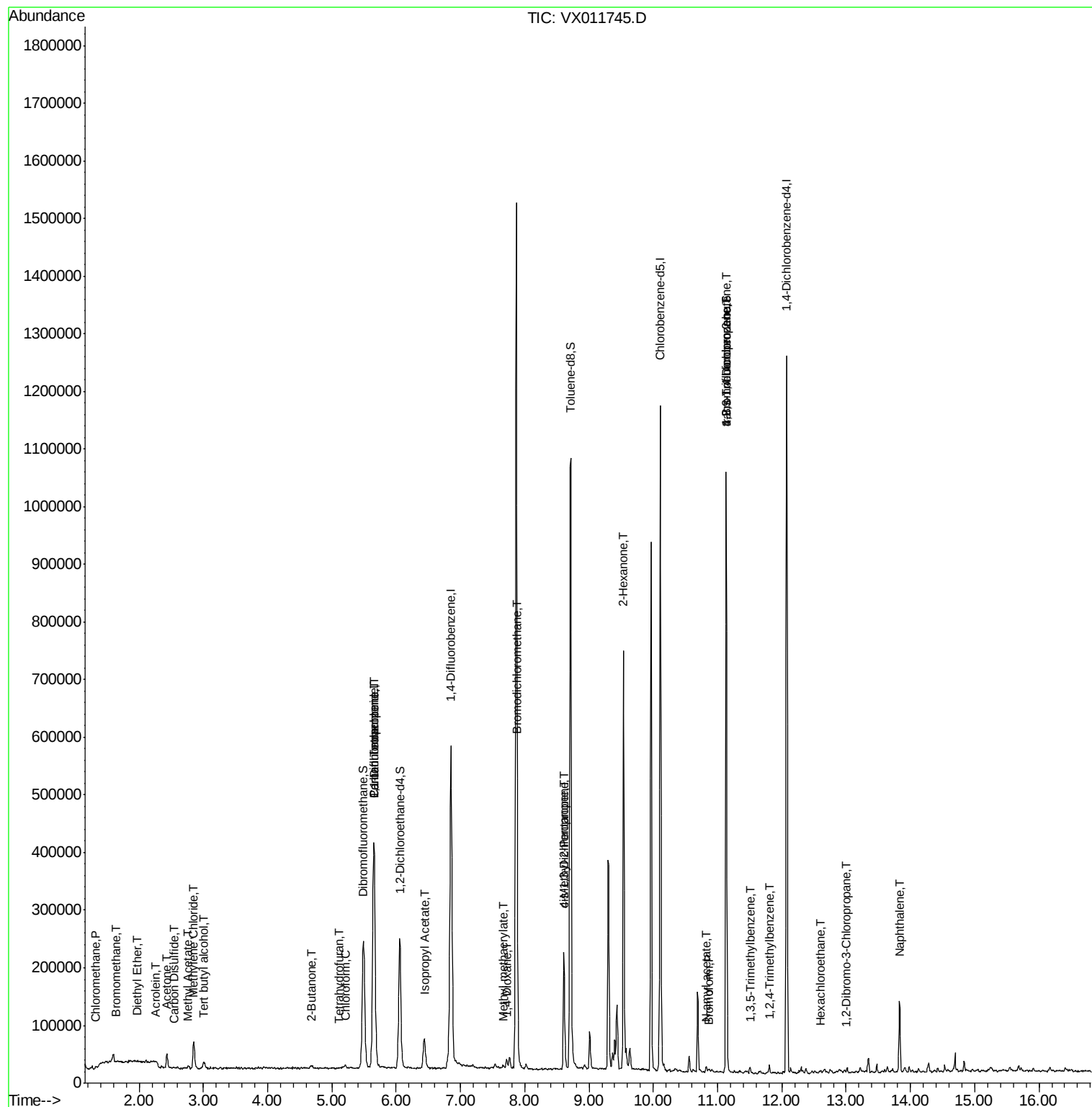
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 1428     | 0.346  | ug/l # | 83     |
| 5) Bromomethane                | 1.65  | 94   | 696      | 0.417  | ug/l # | 55     |
| 8) Diethyl Ether               | 1.96  | 74   | 589      | 0.333  | ug/l   | 78     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 7000     | 7.616  | ug/l # | 80     |
| 13) Acrolein                   | 2.25  | 56   | 375      | 13.445 | ug/l # | 70     |
| 16) Acetone                    | 2.43  | 43   | 24298    | 12.898 | ug/l   | 98     |
| 17) Carbon Disulfide           | 2.56  | 76   | 2044     | 0.252  | ug/l # | 89     |
| 18) Methyl Acetate             | 2.76  | 43   | 4787     | 0.819  | ug/l # | 75     |
| 20) Methylene Chloride         | 2.85  | 84   | 23054    | 5.828  | ug/l   | 94     |
| 25) 2-Butanone                 | 4.68  | 43   | 2688     | 0.909  | ug/l # | 68     |
| 29) Tetrahydrofuran            | 5.12  | 42   | 1103     | 0.569  | ug/l # | 35     |
| 30) Chloroform                 | 5.20  | 83   | 6671     | 0.980  | ug/l   | 96     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 26033    | 5.223  | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 38413    | 6.996  | ug/l # | 16     |
| 43) Isopropyl Acetate          | 6.43  | 43   | 72813    | 8.139  | ug/l   | 98     |
| 47) Bromodichloromethane       | 7.89  | 83   | 1763     | 0.342  | ug/l # | 79     |
| 48) Methyl methacrylate        | 7.67  | 41   | 5170     | 1.167  | ug/l # | 18     |
| 49) 1,4-Dioxane                | 7.73  | 88   | 583      | 4.948  | ug/l # | 12     |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 71662    | 12.238 | ug/l # | 45     |
| 54) cis-1,3-Dichloropropene    | 8.61  | 75   | 32838    | 5.610  | ug/l # | 62     |
| 59) 2-Hexanone                 | 9.54  | 43   | 83466    | 18.484 | ug/l # | 50     |
| 71) Bromoform                  | 10.85 | 173  | 133      | 3.321  | ug/l # | 28     |
| 74) N-ethyl acetate            | 10.82 | 43   | 5344     | 0.678  | ug/l # | 46     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 117833   | 21.733 | ug/l # | 36     |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 4930     | 0.316  | ug/l   | 91     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 117833   | 58.078 | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 5411     | 0.346  | ug/l   | 91     |
| 90) Hexachloroethane           | 12.60 | 117  | 820      | 0.308  | ug/l # | 13     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 307      | 0.210  | ug/l # | 27     |
| 95) Naphthalene                | 13.83 | 128  | 83521    | 4.163  | ug/l   | 98     |

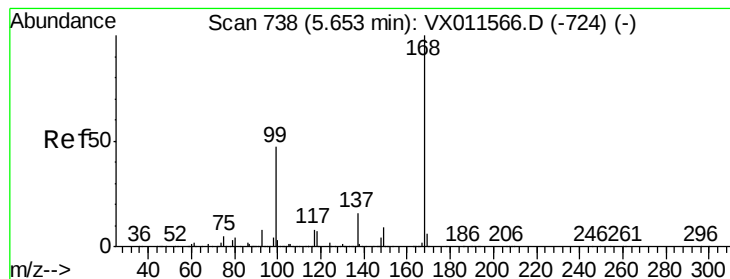
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX082119\  
Data File : VX011745.D  
Acq On : 22 Aug 2019 01:29  
Operator : JC/SP  
Sample : K4096-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

Quant Time: Aug 22 03:43:47 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 16 04:15:26 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

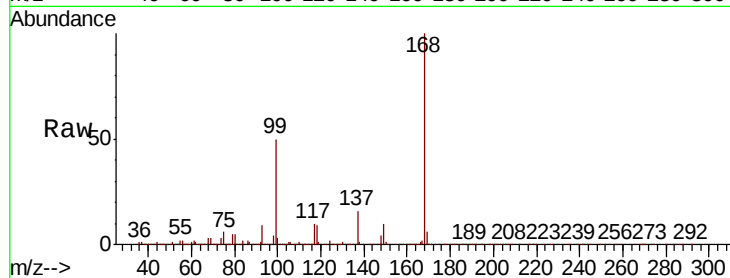
TR-05-081919

Tgt Ion:168 Resp: 404007

Ion Ratio Lower Upper

168 100

99 49.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

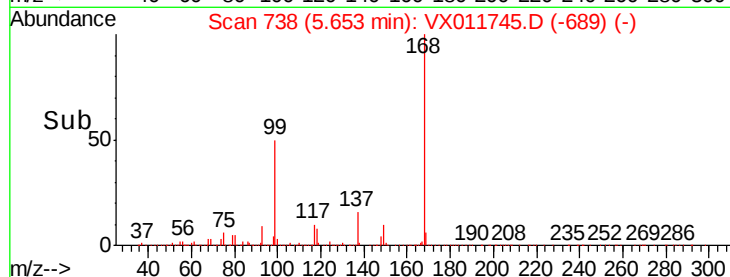
150000

100000

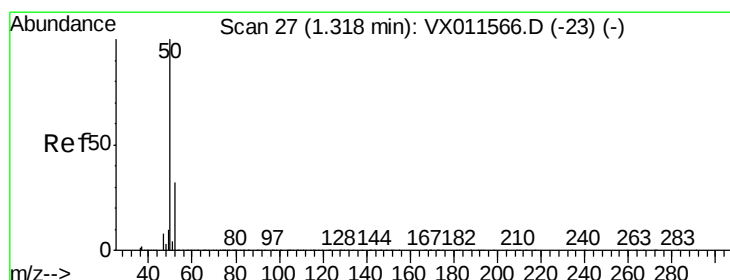
50000

0

5.50 5.60 5.70 5.80



Time-->



#3

Chloromethane

Concen: 0.346 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011745.D

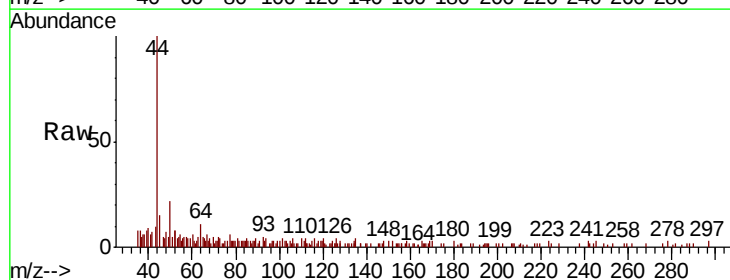
Acq: 22 Aug 2019 01:29

Tgt Ion: 50 Resp: 1428

Ion Ratio Lower Upper

50 100

52 42.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

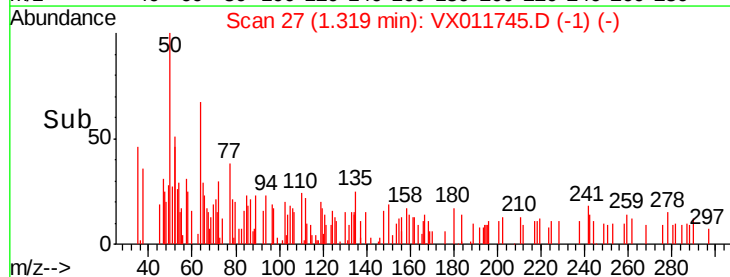
600

400

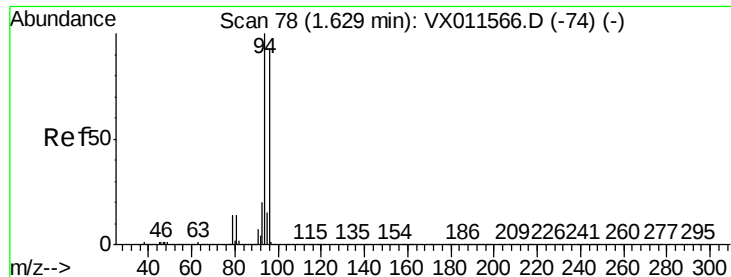
200

0

1.25 1.30 1.35 1.40



Time-->



#5

Bromomethane

Concen: 0.417 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

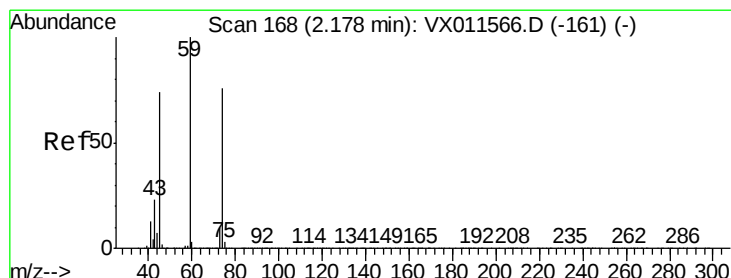
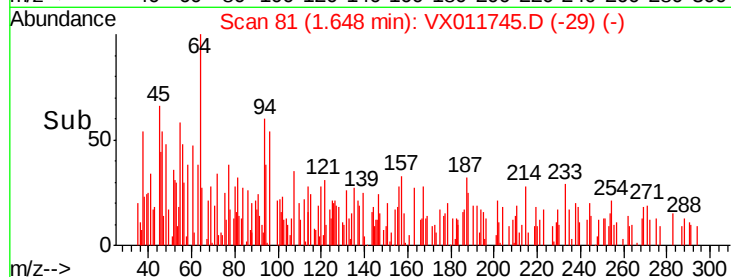
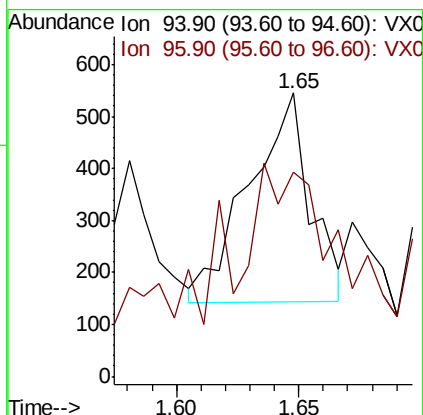
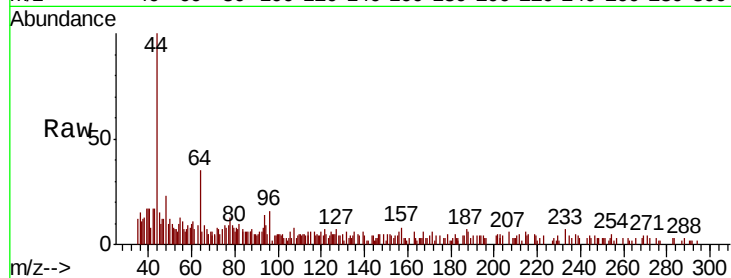
TR-05-081919

Tgt Ion: 94 Resp: 696

Ion Ratio Lower Upper

94 100

96 49.9 74.8 112.2#



#8

Diethyl Ether

Concen: 0.333 ug/l

RT: 1.96 min Scan# 133

Delta R.T. -0.21 min

Lab File: VX011745.D

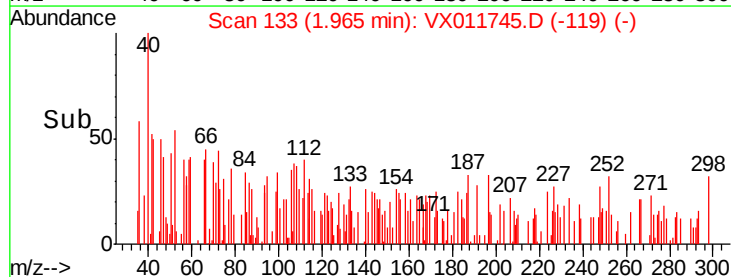
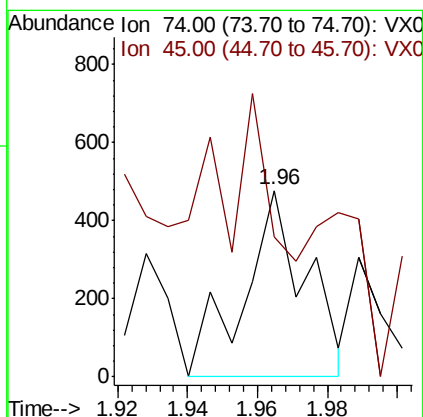
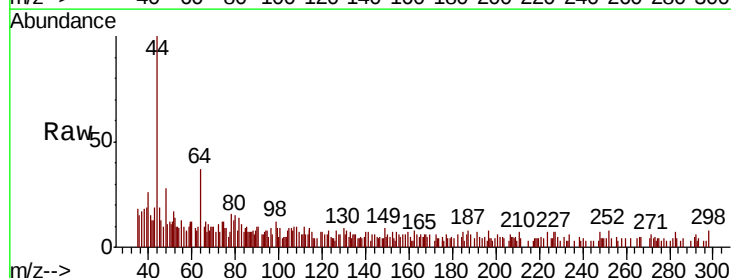
Acq: 22 Aug 2019 01:29

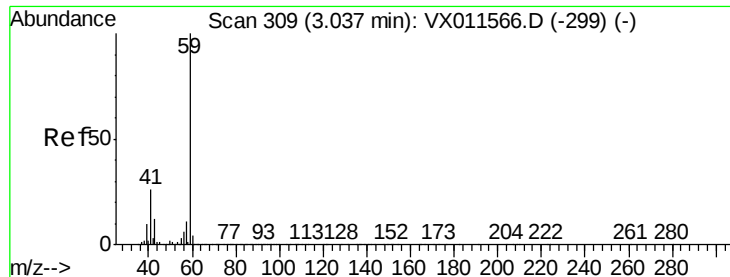
Tgt Ion: 74 Resp: 589

Ion Ratio Lower Upper

74 100

45 75.0 48.2 144.6

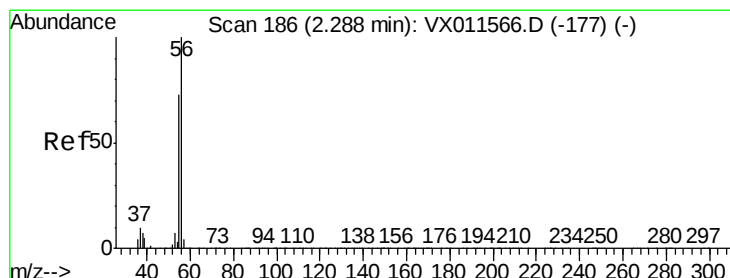
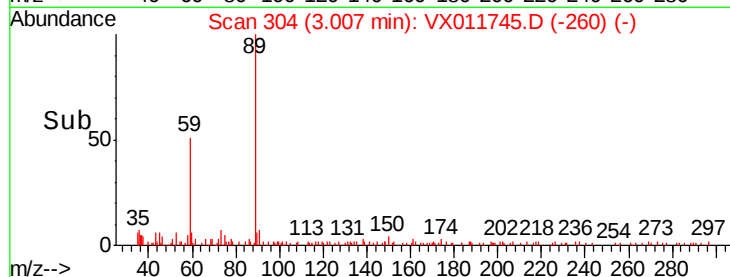
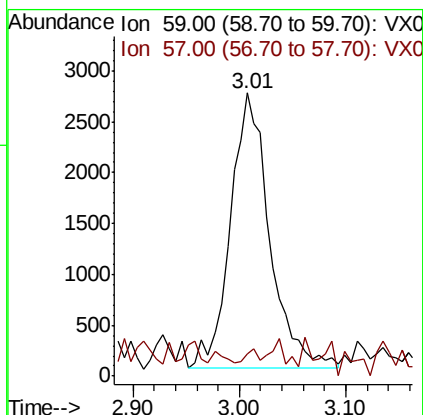
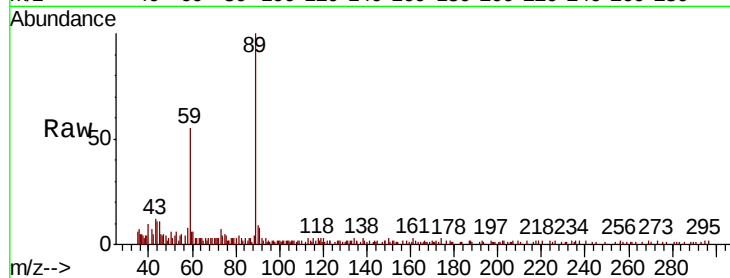




#11  
Tert butyl alcohol  
Concen: 7.616 ug/l  
RT: 3.01 min Scan# 304  
Delta R.T. -0.03 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

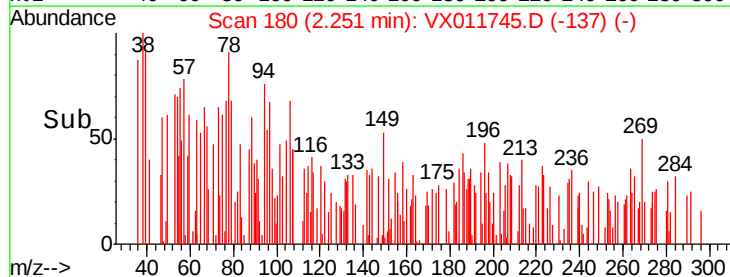
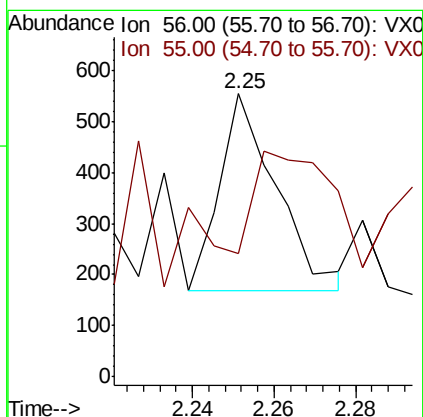
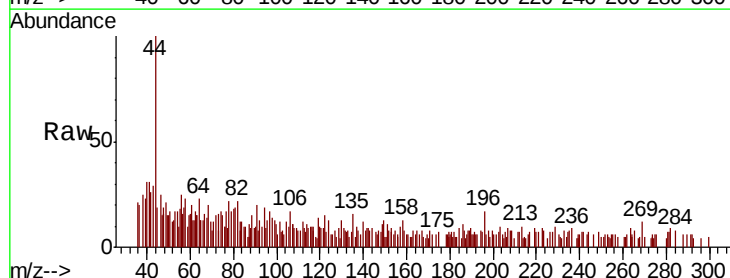
Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

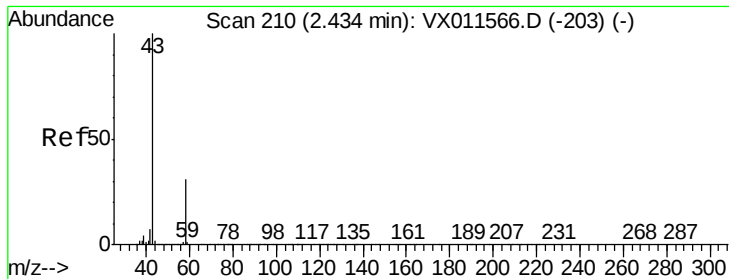
Tgt Ion: 59 Resp: 7000  
Ion Ratio Lower Upper  
59 100  
57 3.2 8.7 13.1#



#13  
Acrolein  
Concen: 13.445 ug/l  
RT: 2.25 min Scan# 180  
Delta R.T. -0.04 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

Tgt Ion: 56 Resp: 375  
Ion Ratio Lower Upper  
56 100  
55 93.6 55.5 83.3#





#16

Acetone

Concen: 12.898 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

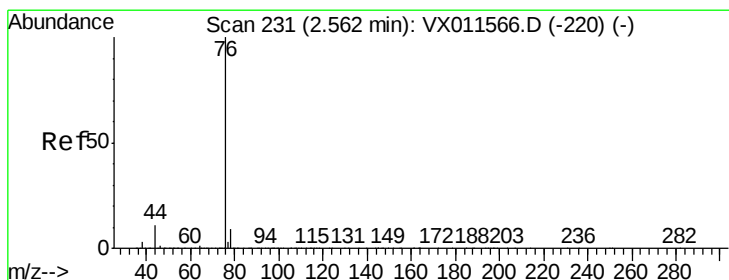
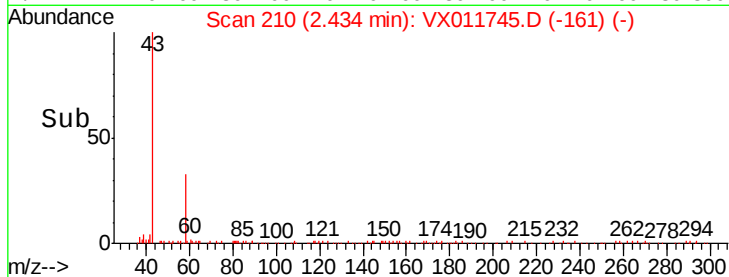
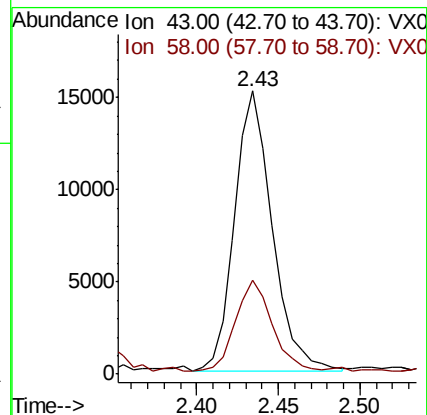
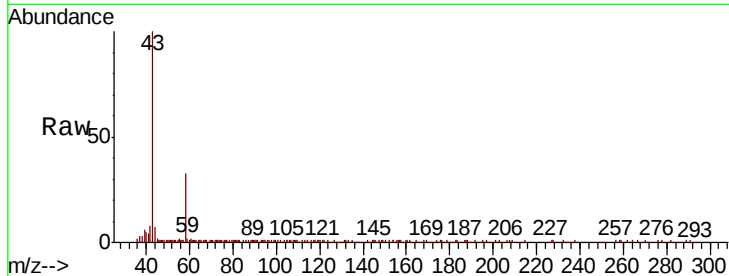
TR-05-081919

Tgt Ion: 43 Resp: 24298

Ion Ratio Lower Upper

43 100

58 32.7 25.2 37.8



#17

Carbon Disulfide

Concen: 0.252 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX011745.D

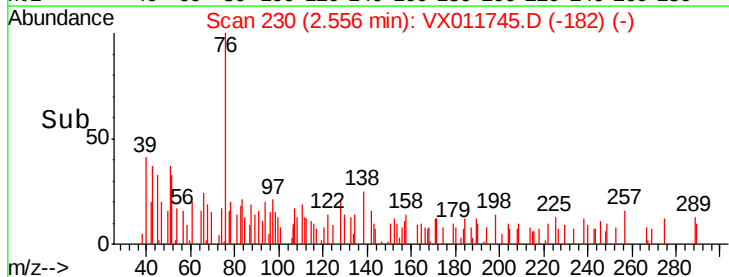
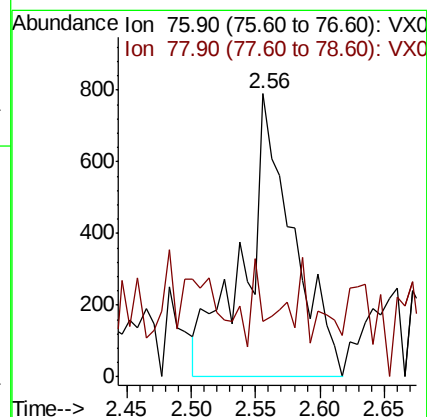
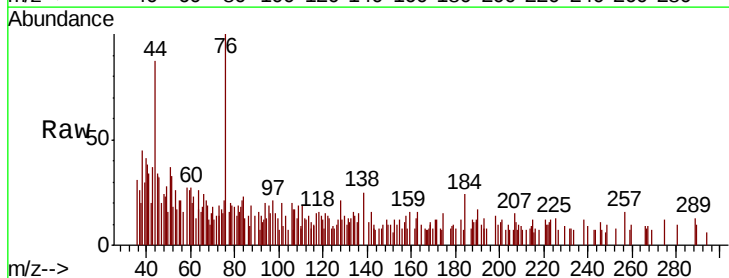
Acq: 22 Aug 2019 01:29

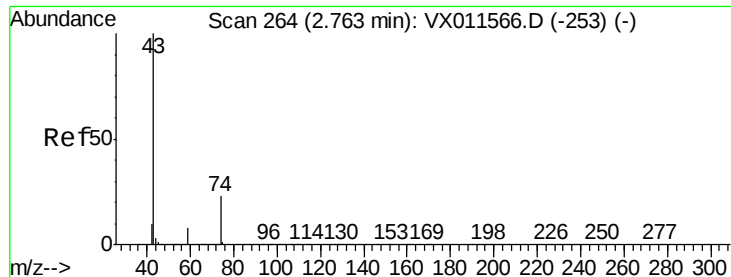
Tgt Ion: 76 Resp: 2044

Ion Ratio Lower Upper

76 100

78 5.1 7.2 10.8#

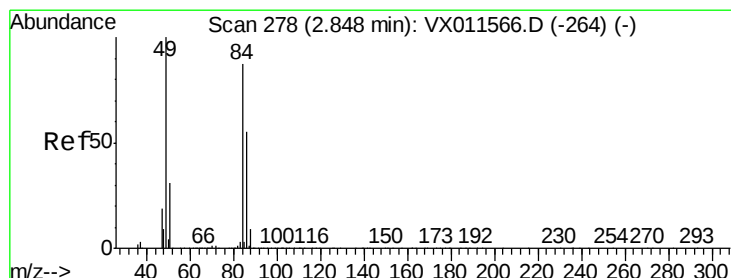
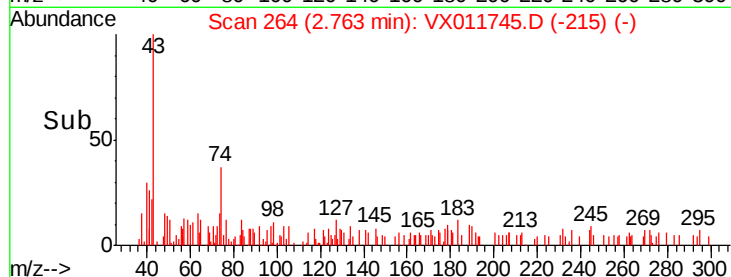
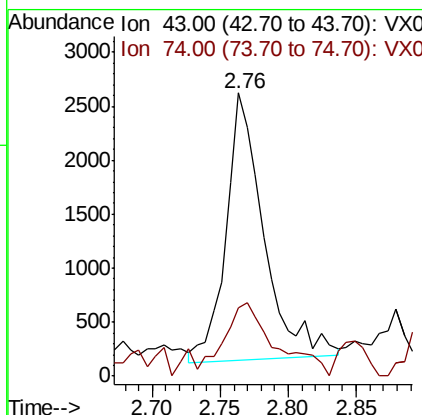
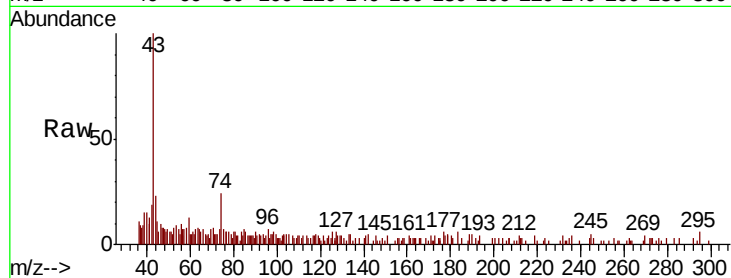




#18  
Methyl Acetate  
Concen: 0.819 ug/l  
RT: 2.76 min Scan# 264  
Delta R.T. 0.00 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

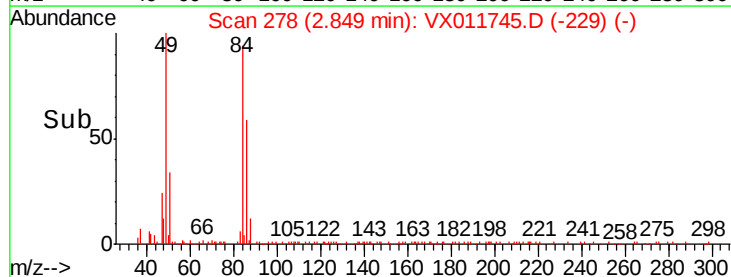
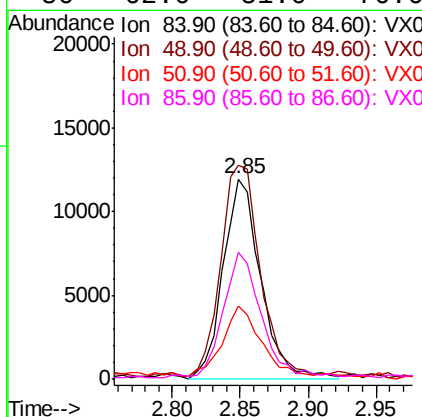
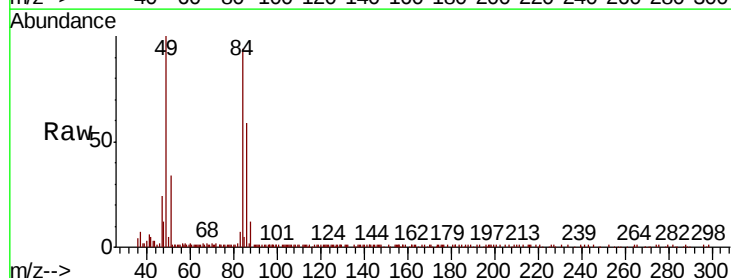
Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

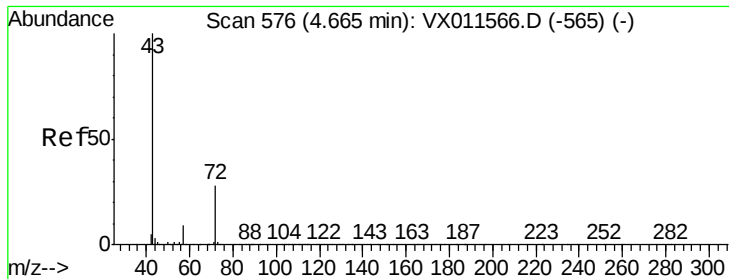
Tgt Ion: 43 Resp: 4787  
Ion Ratio Lower Upper  
43 100  
74 37.1 19.7 29.5#



#20  
Methylene Chloride  
Concen: 5.828 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

Tgt Ion: 84 Resp: 23054  
Ion Ratio Lower Upper  
84 100  
49 105.3 92.4 138.6  
51 35.6 28.5 42.7  
86 62.0 51.0 76.6





#25

2-Butanone

Concen: 0.909 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.02 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampled :

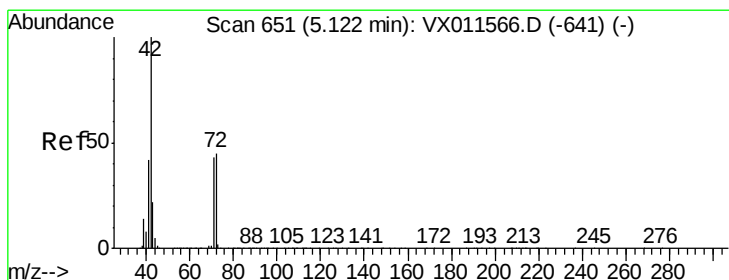
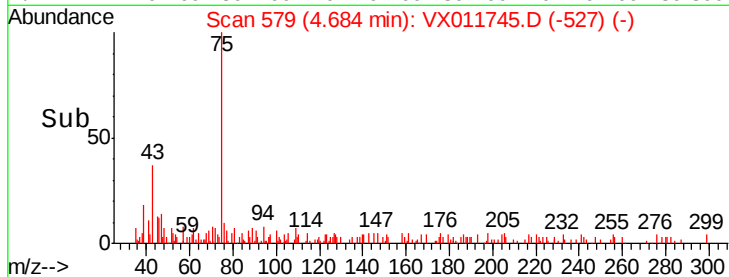
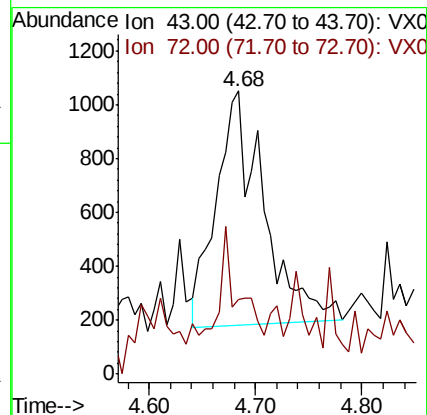
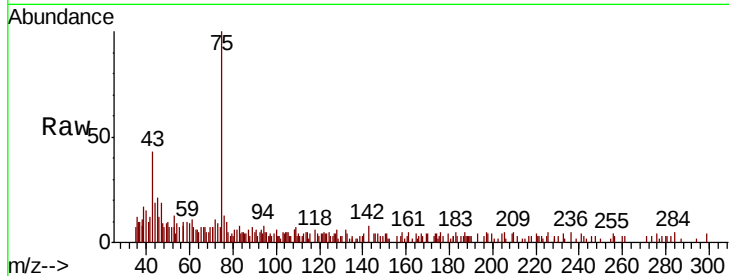
TR-05-081919

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

72 44.5 22.2 33.4#



#29

Tetrahydrofuran

Concen: 0.569 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

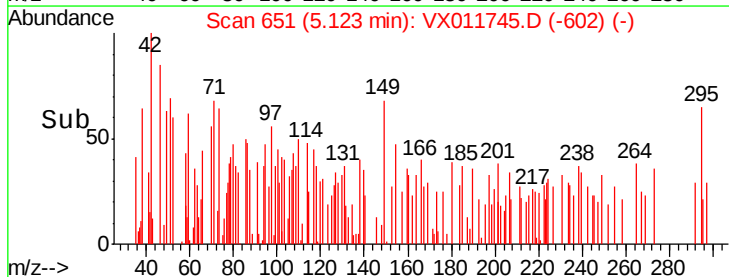
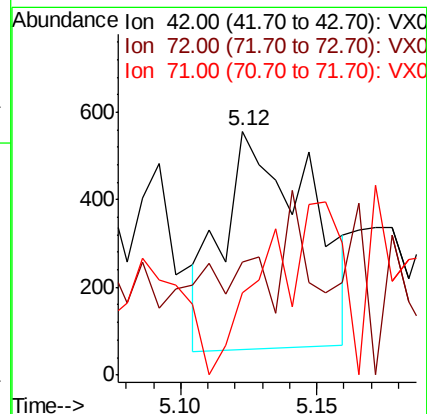
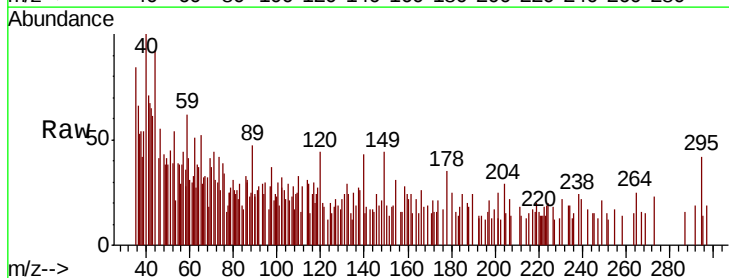
Tgt Ion: 42 Resp: 1103

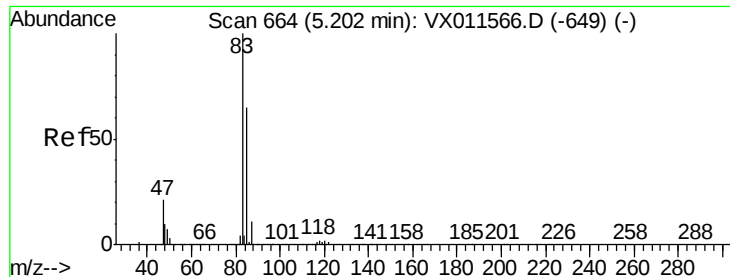
Ion Ratio Lower Upper

42 100

72 3.8 36.1 54.1#

71 0.0 33.8 50.8#

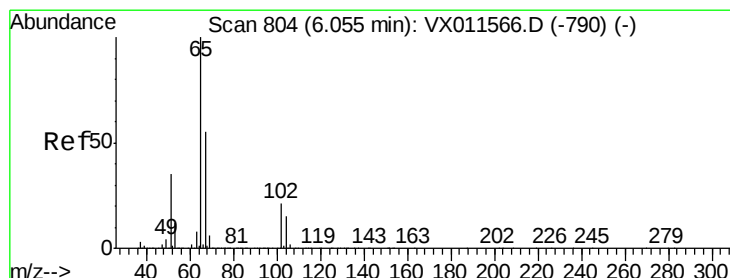
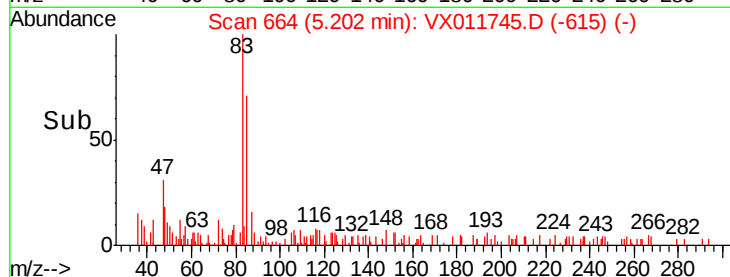
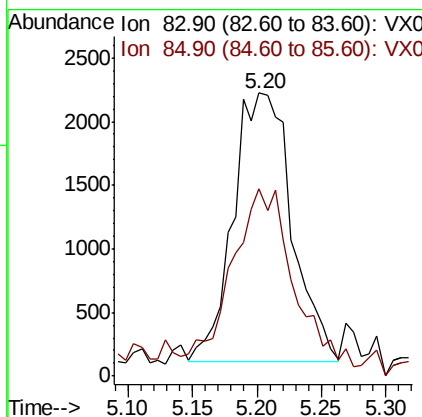
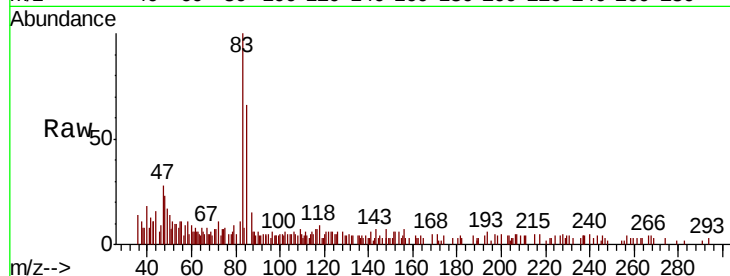




#30  
Chloroform  
Concen: 0.980 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

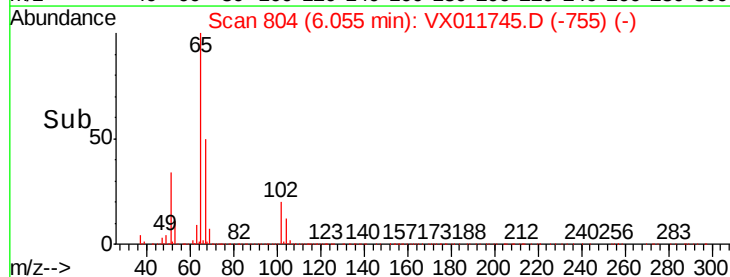
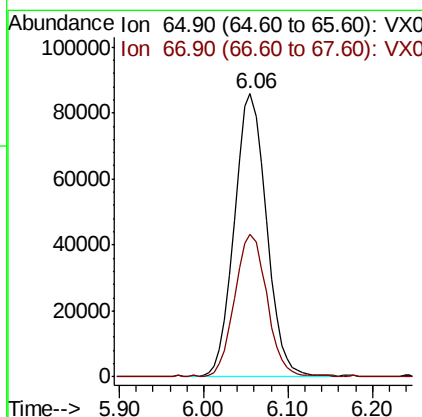
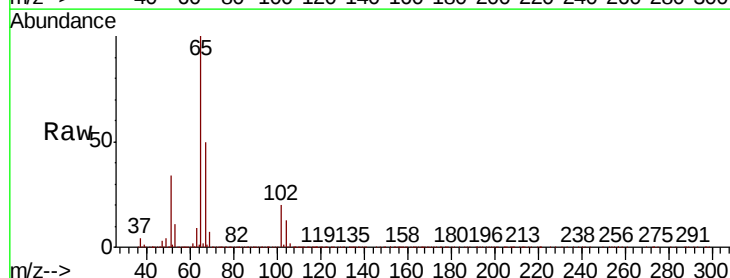
Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

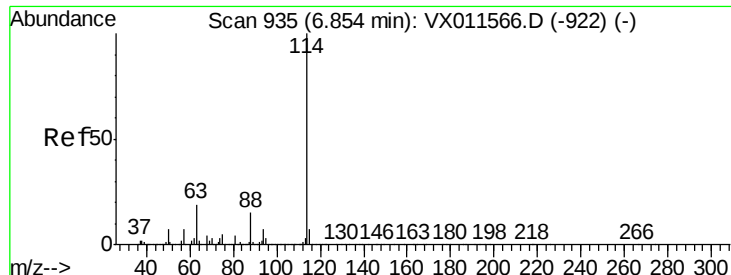
Tgt Ion: 83 Resp: 6671  
Ion Ratio Lower Upper  
83 100  
85 61.4 51.9 77.9



#33  
1,2-Dichloroethane-d4  
Concen: 58.720 ug/l  
RT: 6.06 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

Tgt Ion: 65 Resp: 220000  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

TR-05-081919

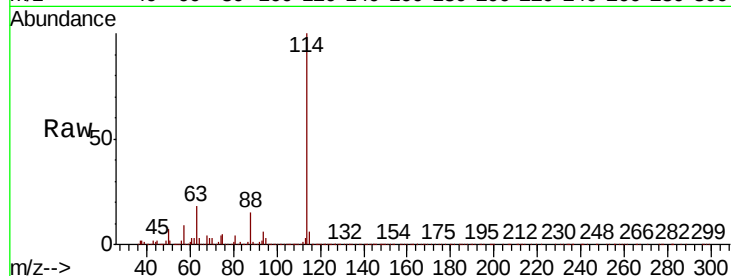
Tgt Ion:114 Resp: 582924

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

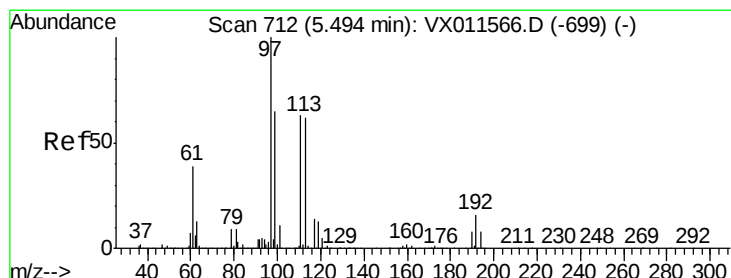
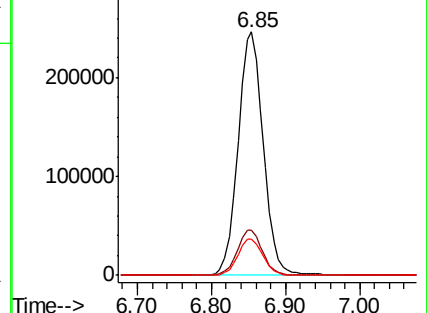
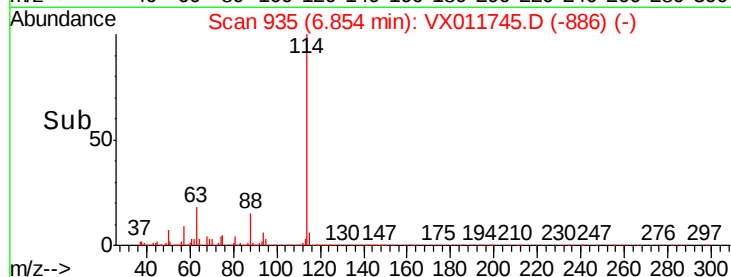
88 15.0 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 48.405 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

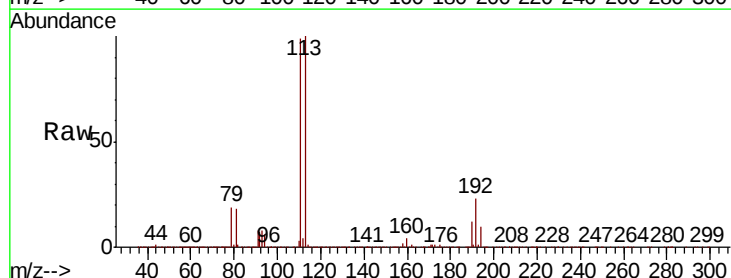
Tgt Ion:113 Resp: 184555

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

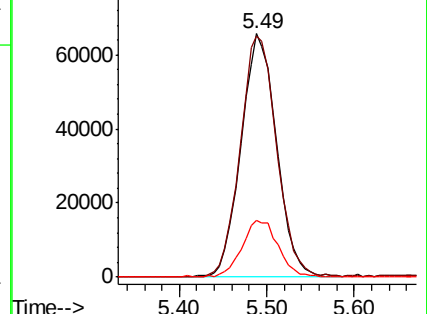
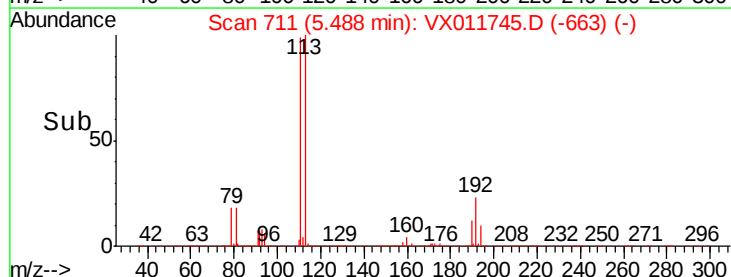
192 23.6 20.8 31.2

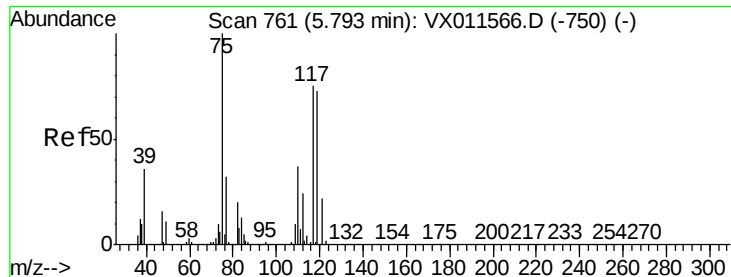


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

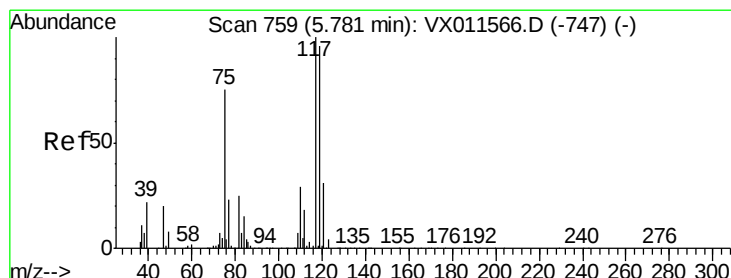
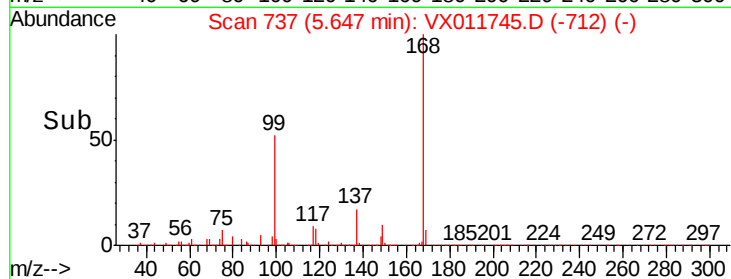
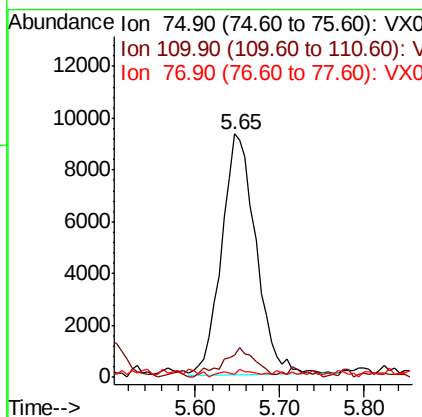
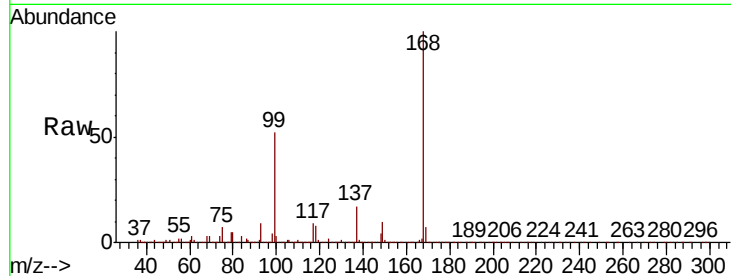




#36  
 1,1-Dichloropropene  
 Concen: 5.223 ug/l  
 RT: 5.65 min Scan# 737  
 Delta R.T. -0.15 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

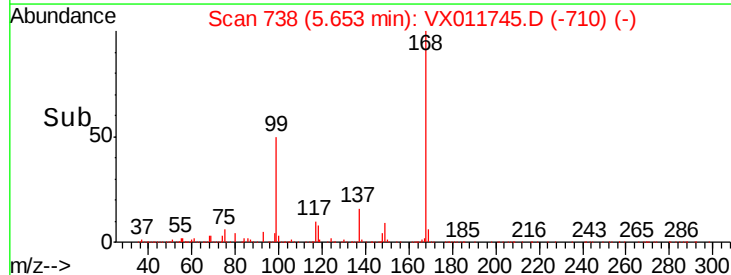
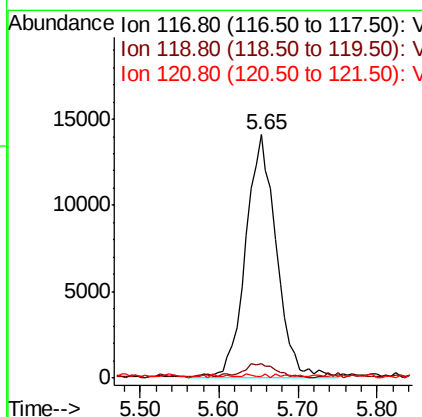
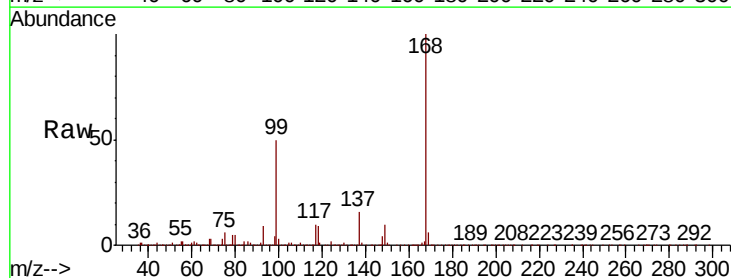
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TR-05-081919

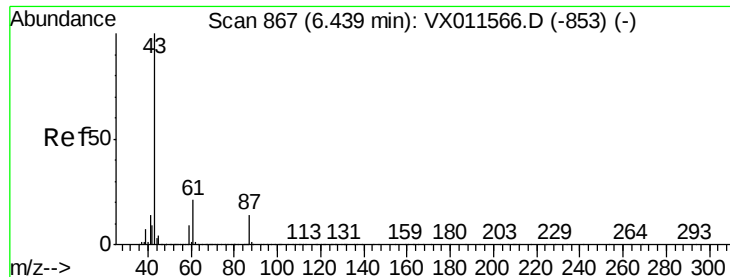
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 11.7  | 19.4  | 58.1# |
| 77      | 0.7   | 25.1  | 37.7# |



#38  
 Carbon Tetrachloride  
 Concen: 6.996 ug/l  
 RT: 5.65 min Scan# 738  
 Delta R.T. -0.13 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 5.5   | 76.9  | 115.3# |
| 121     | 0.3   | 24.8  | 37.2#  |

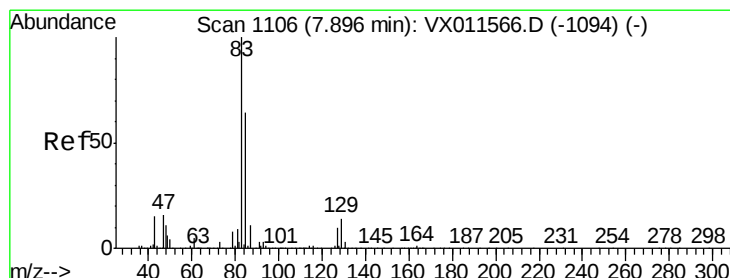
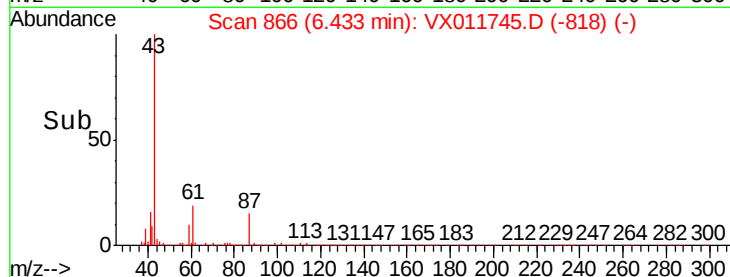
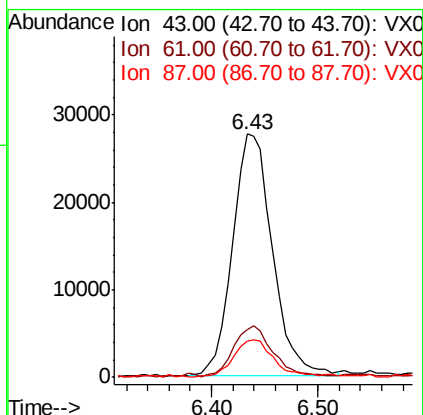
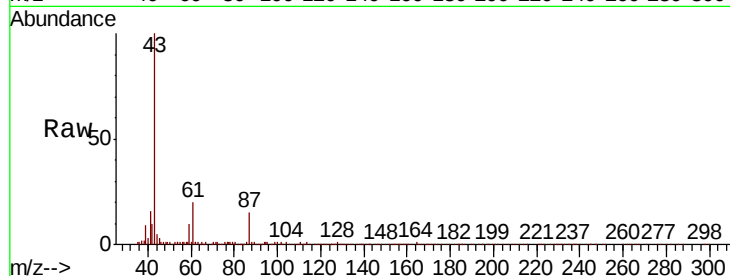




#43  
Isopropyl Acetate  
Concen: 8.139 ug/l  
RT: 6.43 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

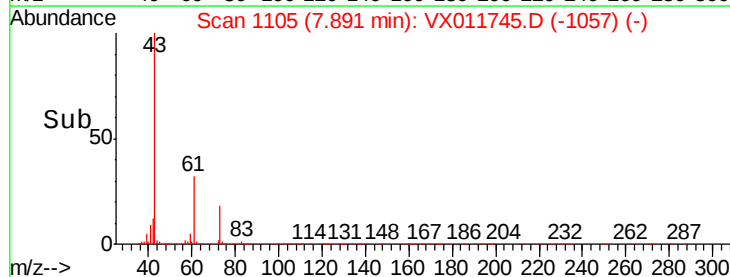
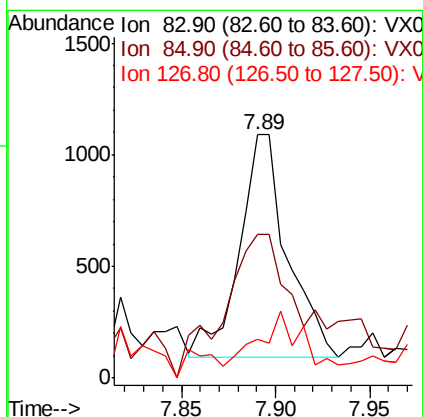
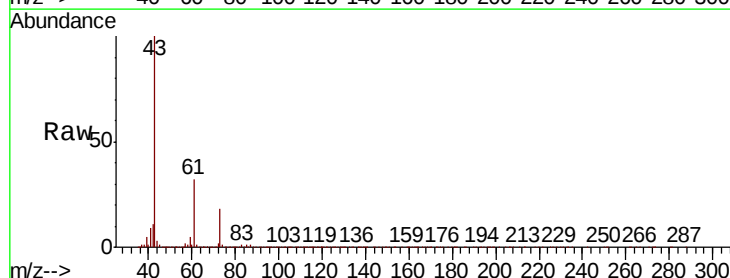
Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

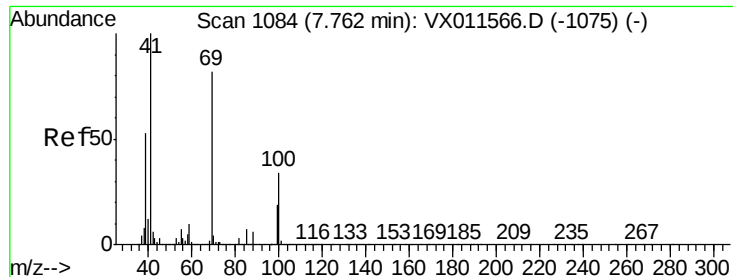
Tgt Ion: 43 Resp: 72813  
Ion Ratio Lower Upper  
43 100  
61 20.3 16.6 24.8  
87 15.4 11.4 17.2



#47  
Bromodichloromethane  
Concen: 0.342 ug/l  
RT: 7.89 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

Tgt Ion: 83 Resp: 1763  
Ion Ratio Lower Upper  
83 100  
85 45.7 51.2 76.8#  
127 11.6 8.1 12.1

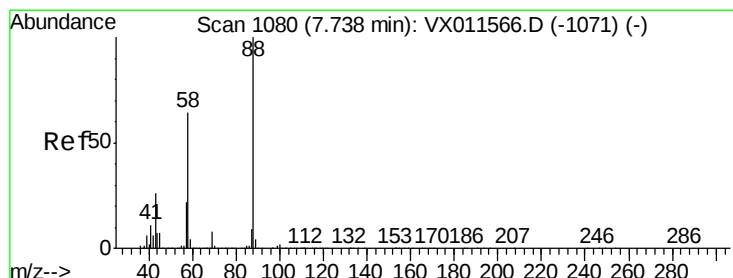
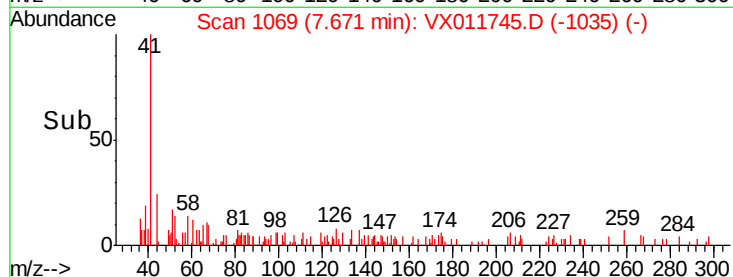
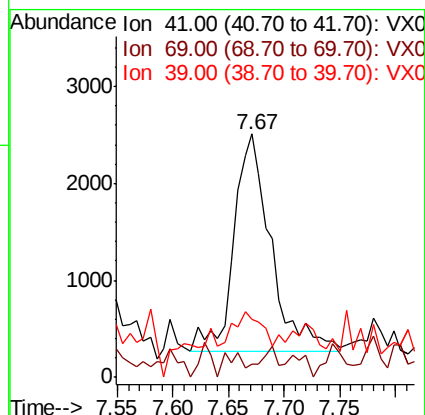
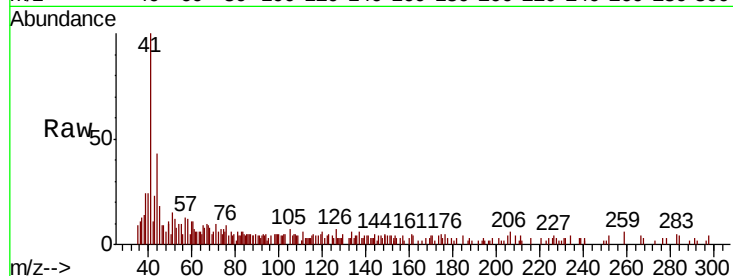




#48  
Methyl methacrylate  
Concen: 1.167 ug/l  
RT: 7.67 min Scan# 1069  
Delta R.T. -0.09 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

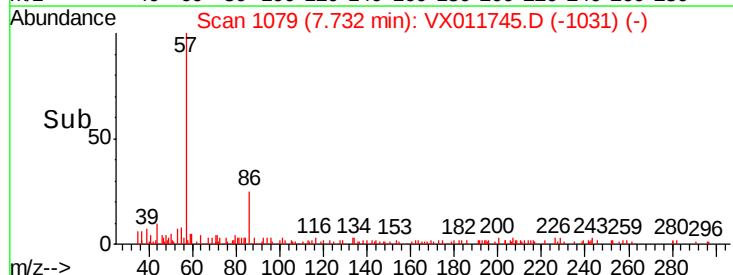
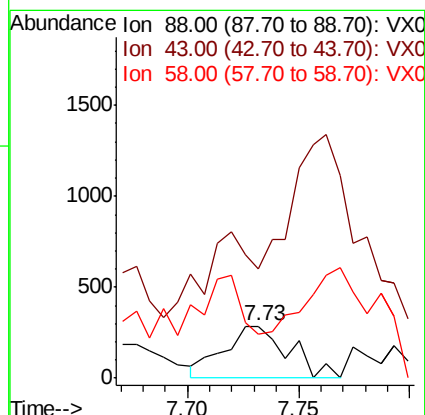
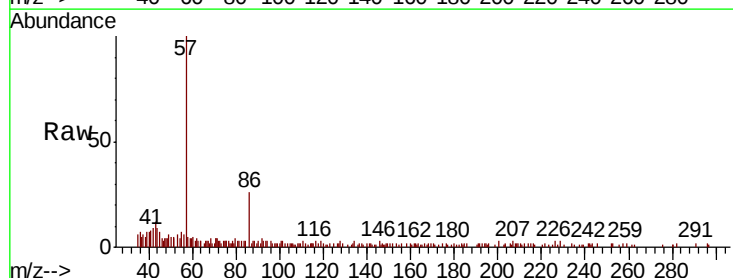
Instrument :  
MSVOA\_X  
ClientSampleId :  
TR-05-081919

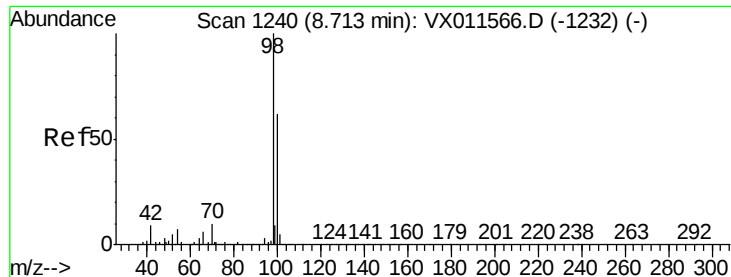
Tgt Ion: 41 Resp: 5170  
Ion Ratio Lower Upper  
41 100  
69 6.2 67.9 101.9#  
39 0.0 41.6 62.4#



#49  
1,4-Dioxane  
Concen: 4.948 ug/l  
RT: 7.73 min Scan# 1079  
Delta R.T. -0.01 min  
Lab File: VX011745.D  
Acq: 22 Aug 2019 01:29

Tgt Ion: 88 Resp: 583  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.4 35.0#  
58 150.9 54.3 81.5#





#50

Toluene-d8

Concen: 55.918 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

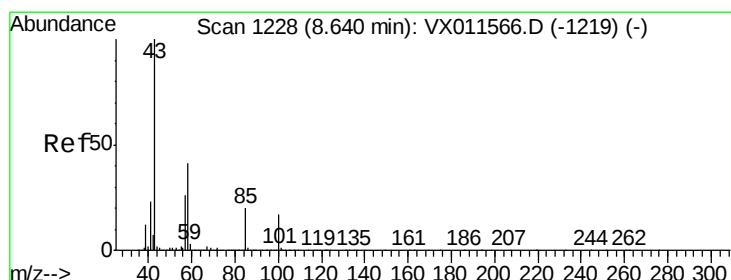
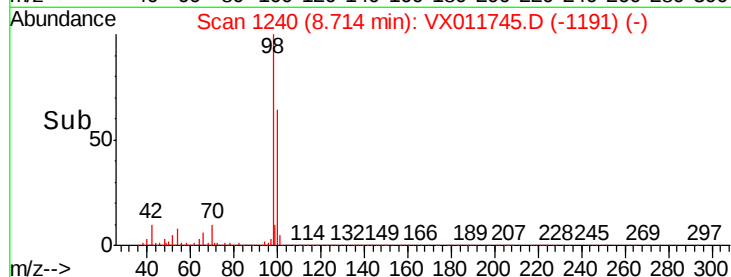
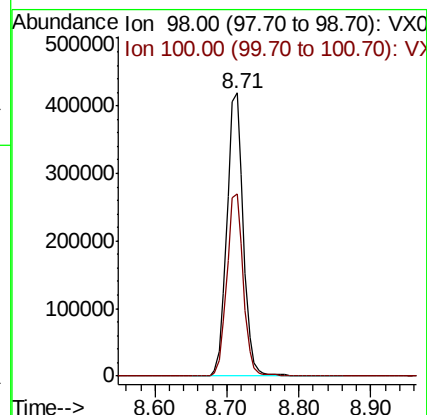
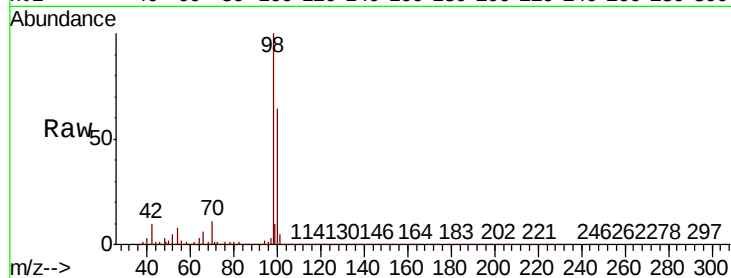
TR-05-081919

Tgt Ion: 98 Resp: 664303

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 12.238 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011745.D

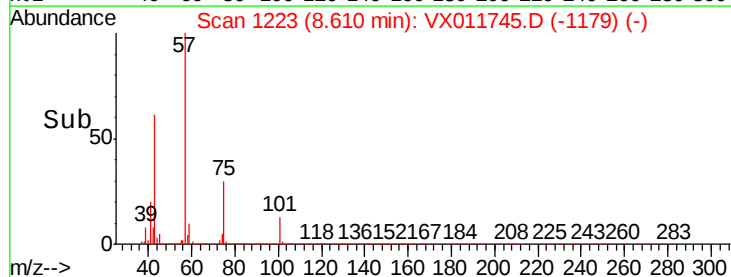
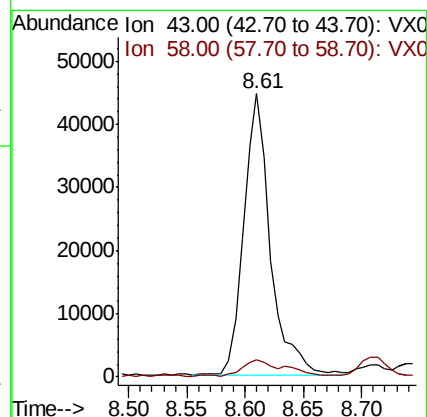
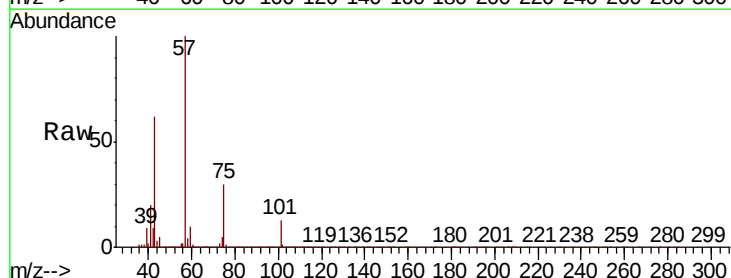
Acq: 22 Aug 2019 01:29

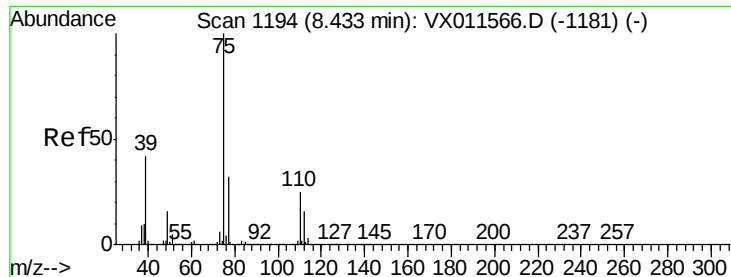
Tgt Ion: 43 Resp: 71662

Ion Ratio Lower Upper

43 100

58 6.1 31.8 47.6#





#54

cis-1,3-Dichloropropene

Concen: 5.610 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

TR-05-081919

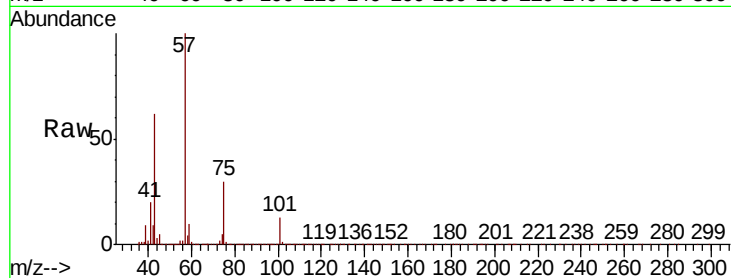
Tgt Ion: 75 Resp: 32838

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

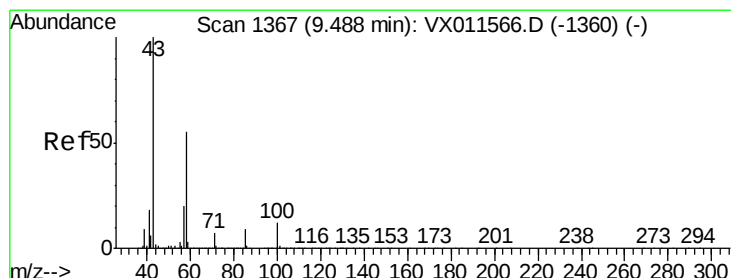
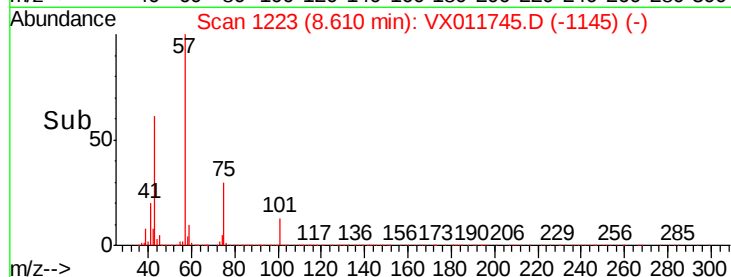
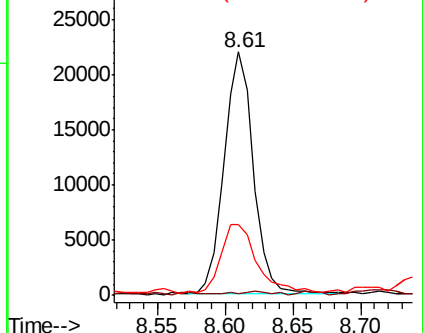
39 27.5 33.6 50.4#



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



#59

2-Hexanone

Concen: 18.484 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011745.D

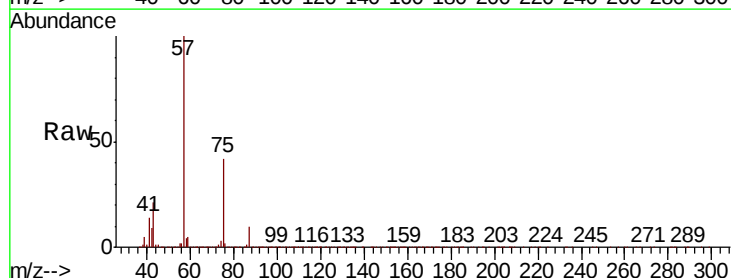
Acq: 22 Aug 2019 01:29

Tgt Ion: 43 Resp: 83466

Ion Ratio Lower Upper

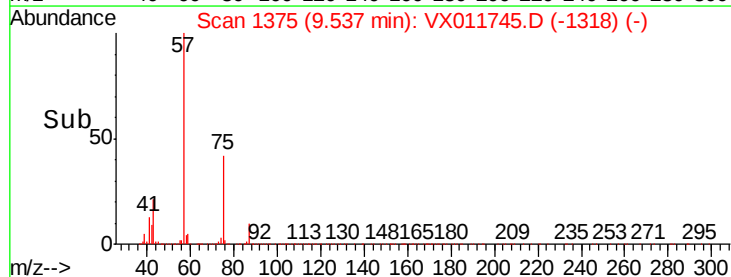
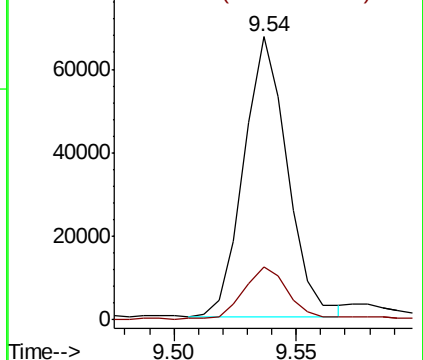
43 100

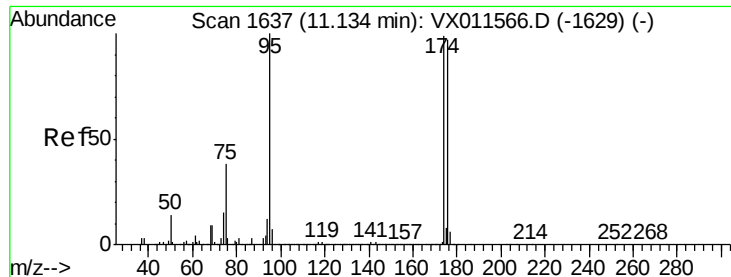
58 18.9 27.5 82.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

TR-05-081919

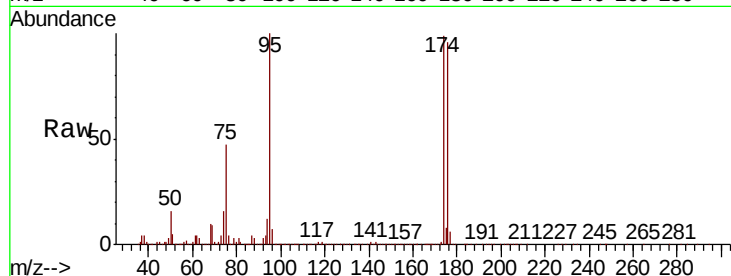
Tgt Ion: 95 Resp: 251896

Ion Ratio Lower Upper

95 100

174 97.7 0.0 200.6

176 97.1 0.0 196.6

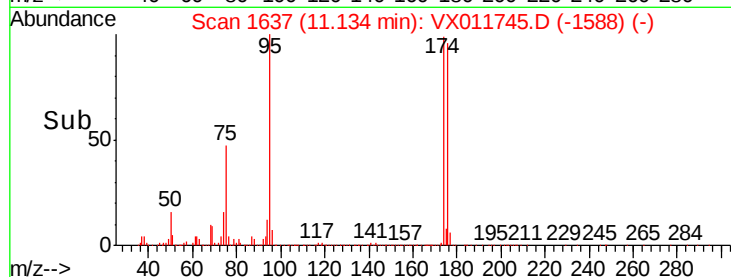


Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)

Time--> 11.00 11.10 11.20

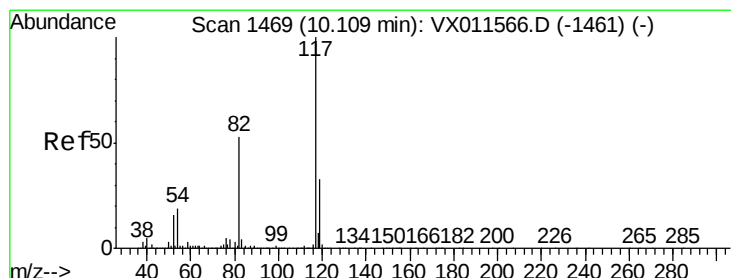


Abundance Ion 94.90 (94.60 to 95.60): VX011745.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011745.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011745.D (-1588) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

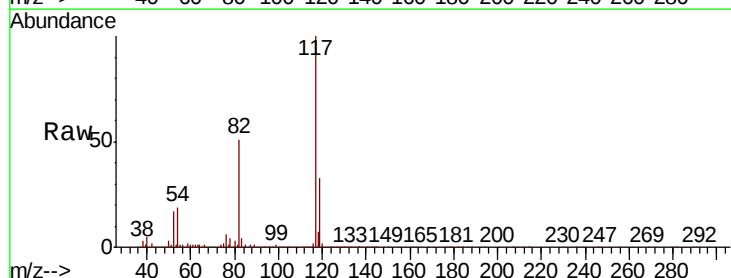
Tgt Ion: 117 Resp: 543016

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

119 33.1 26.5 39.7

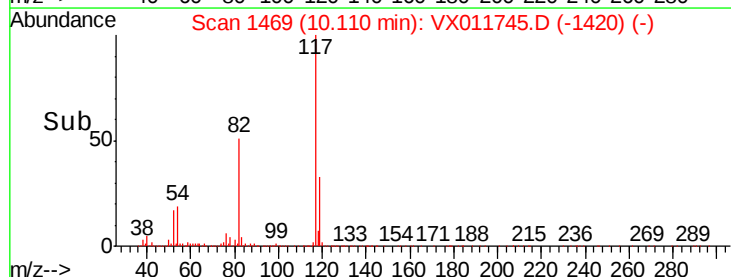


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)

Time--> 10.00 10.10 10.20

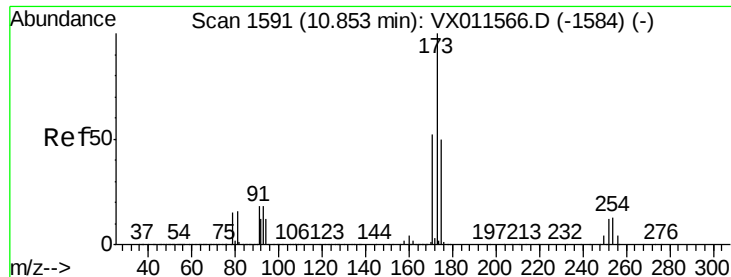


Abundance Ion 116.90 (116.60 to 117.60): VX011745.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011745.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011745.D (-1420) (-)

Time--> 10.00 10.10 10.20



#71

Bromoform

Concen: 3.321 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

TR-05-081919

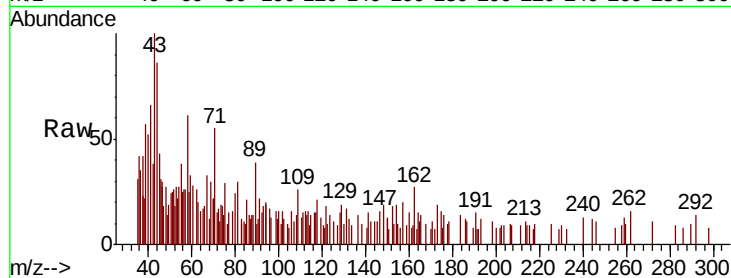
Tgt Ion:173 Resp: 133

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

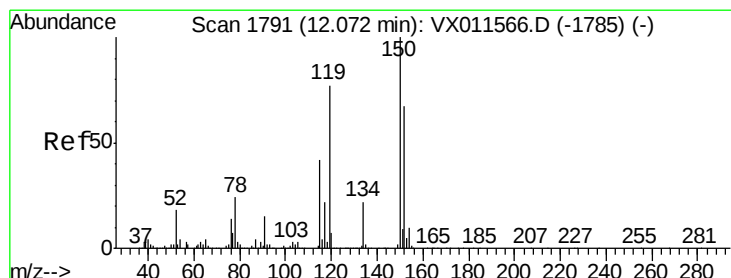
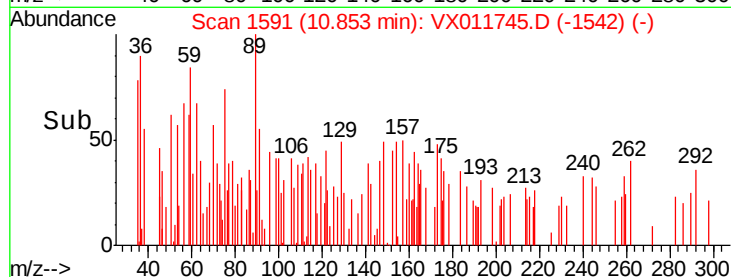
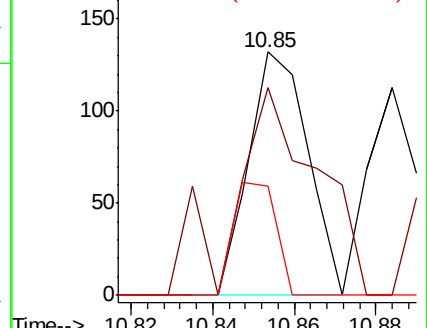
254 33.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

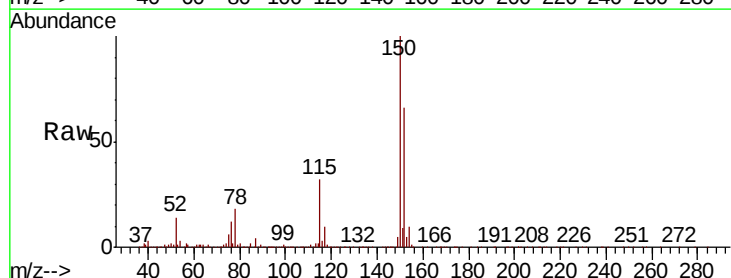
Tgt Ion:152 Resp: 285924

Ion Ratio Lower Upper

152 100

115 52.9 37.3 111.9

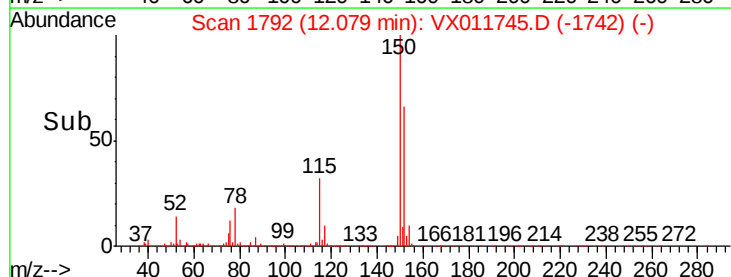
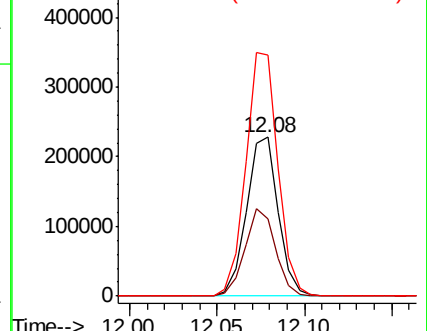
150 155.7 0.0 346.2

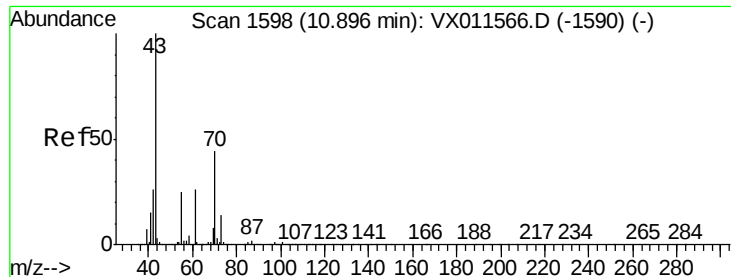


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.678 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampled :

TR-05-081919

Tgt Ion: 43 Resp: 5344

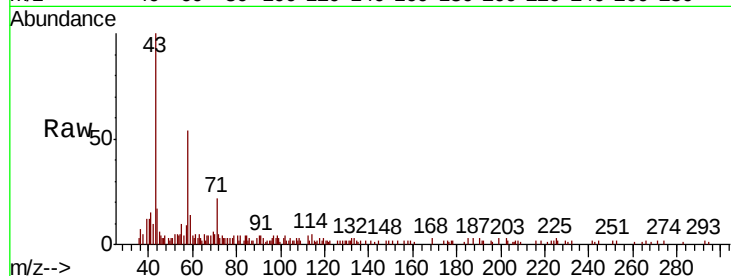
Ion Ratio Lower Upper

43 100

70 0.0 34.7 52.1#

55 8.3 19.6 29.4#

61 0.0 19.9 29.9#

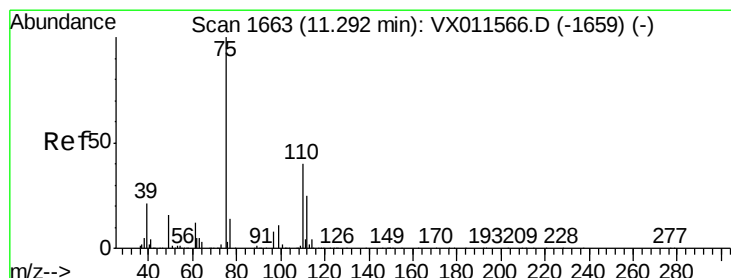
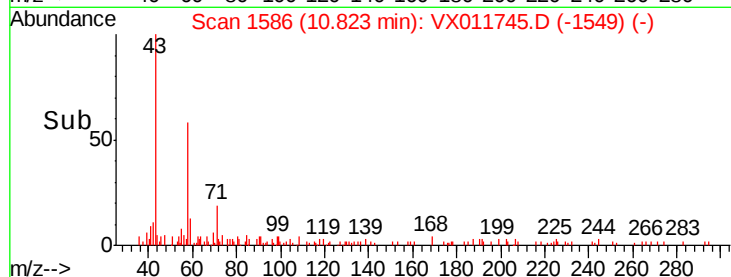
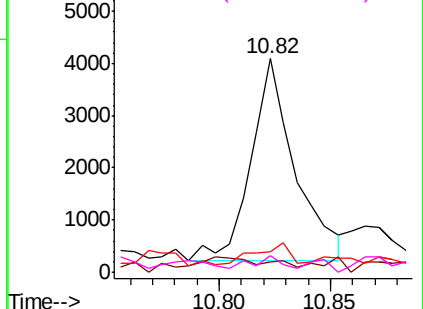


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.733 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011745.D

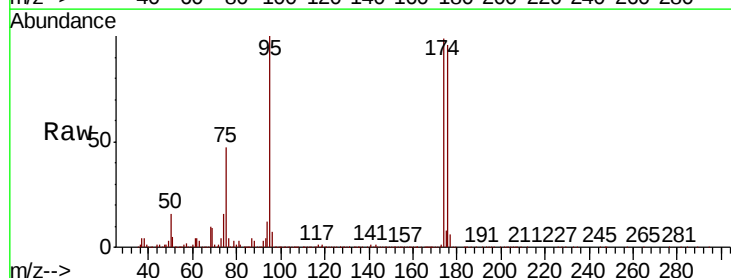
Acq: 22 Aug 2019 01:29

Tgt Ion: 75 Resp: 117833

Ion Ratio Lower Upper

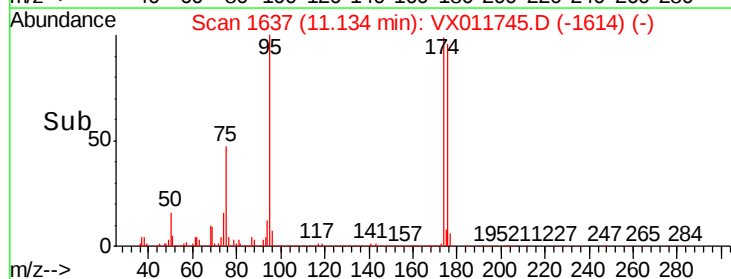
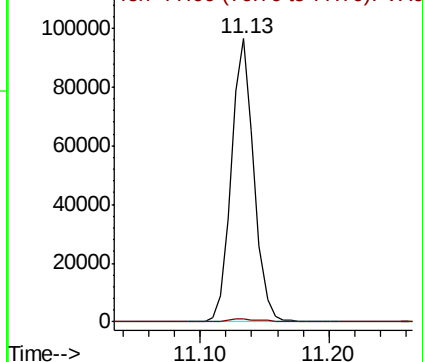
75 100

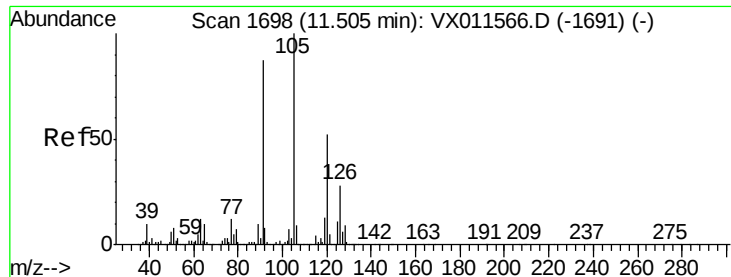
77 1.5 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.316 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA\_X

ClientSampleId :

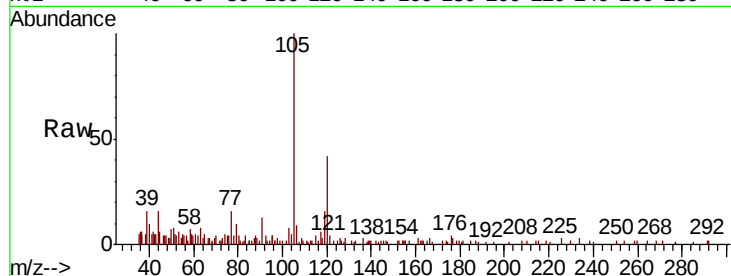
TR-05-081919

Tgt Ion: 105 Resp: 4930

Ion Ratio Lower Upper

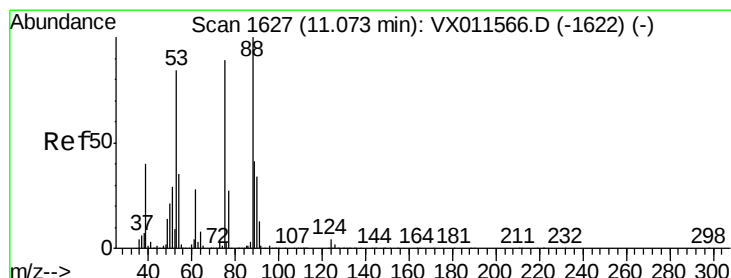
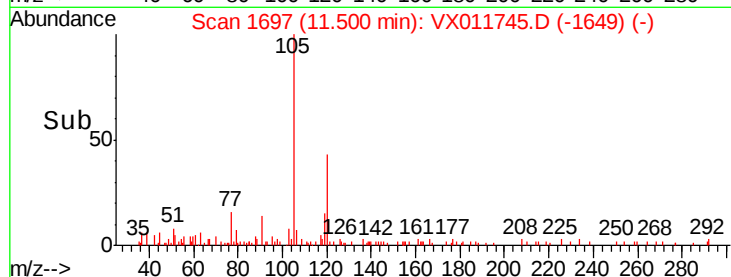
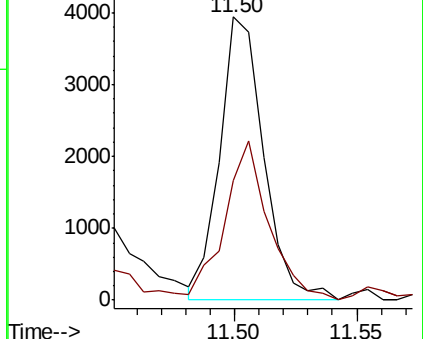
105 100

120 56.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011745.D

Acq: 22 Aug 2019 01:29

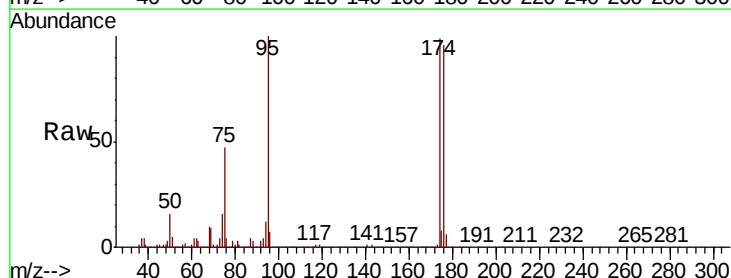
Tgt Ion: 75 Resp: 117833

Ion Ratio Lower Upper

75 100

53 0.5 77.4 116.0#

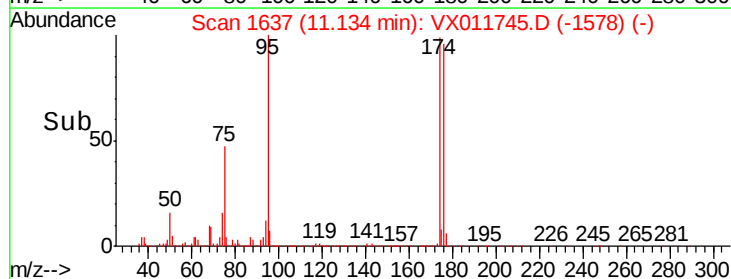
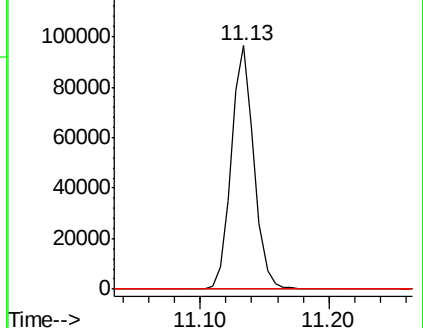
89 0.0 37.3 55.9#

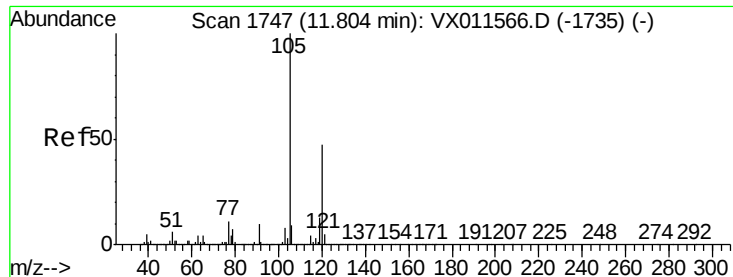


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

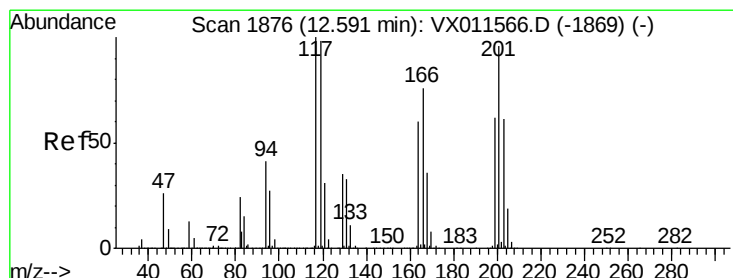
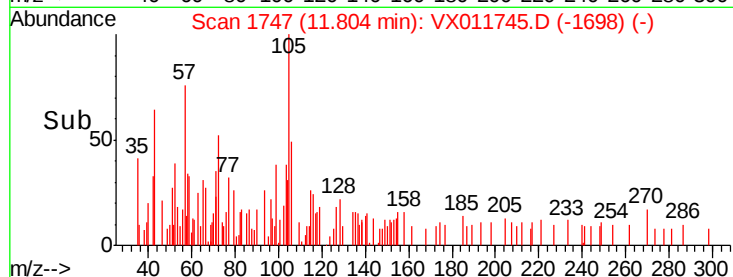
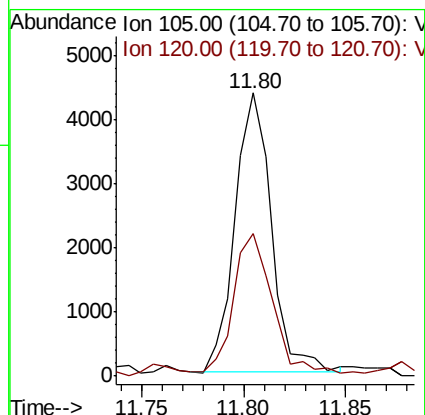
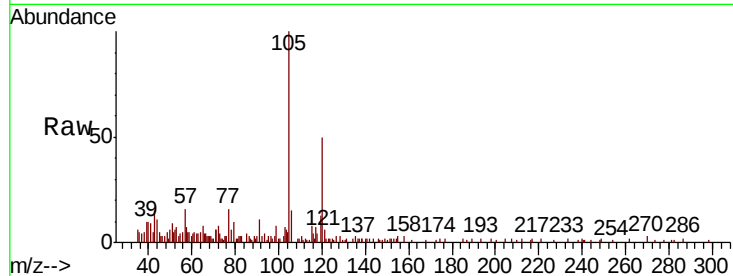




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.346 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

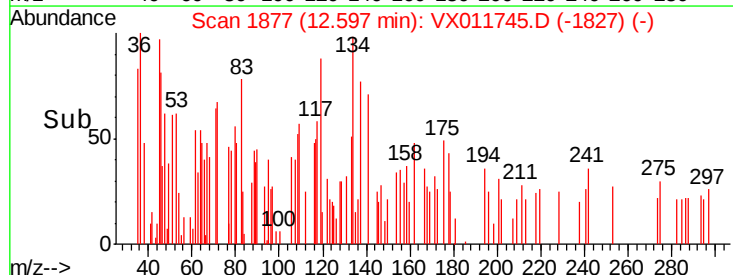
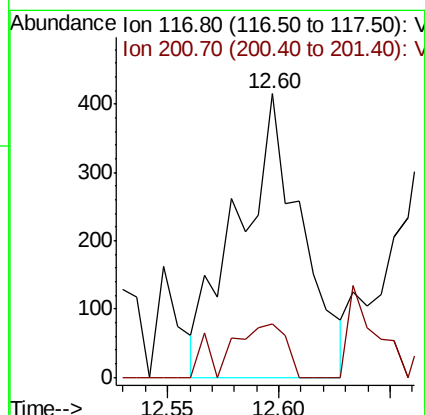
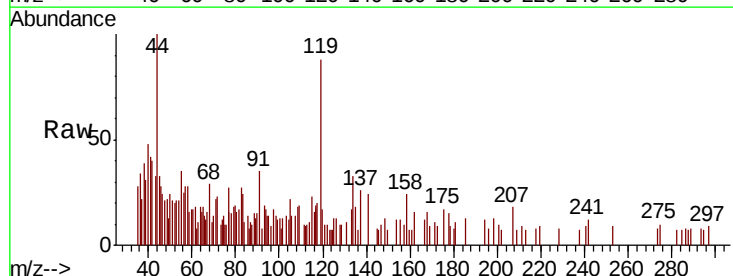
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TR-05-081919

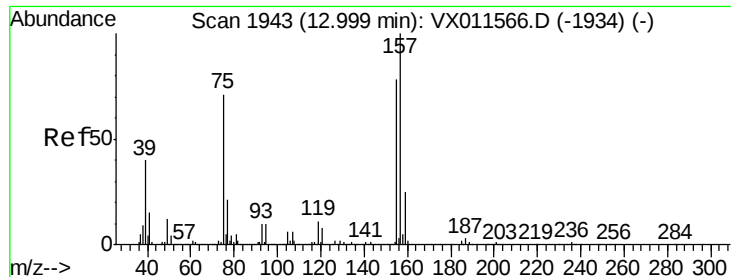
Tgt Ion:105 Resp: 5411  
 Ion Ratio Lower Upper  
 105 100  
 120 52.9 23.3 69.9



#90  
 Hexachloroethane  
 Concen: 0.308 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. 0.01 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

Tgt Ion:117 Resp: 820  
 Ion Ratio Lower Upper  
 117 100  
 201 14.5 51.9 155.7#

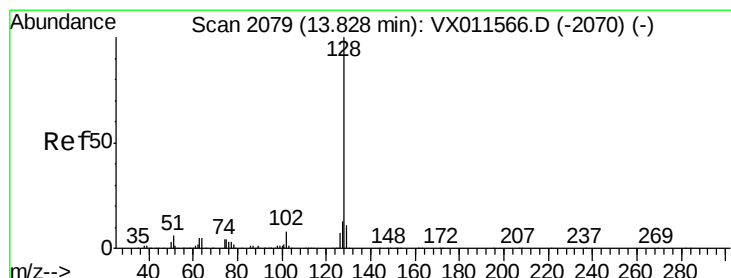
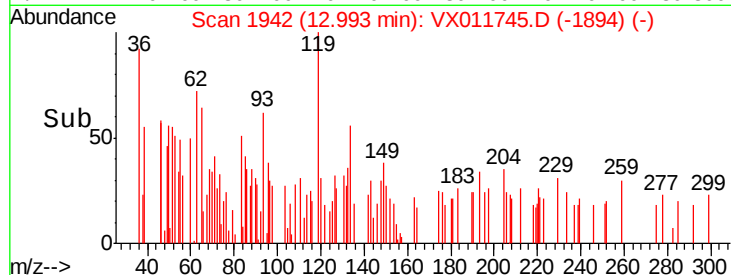
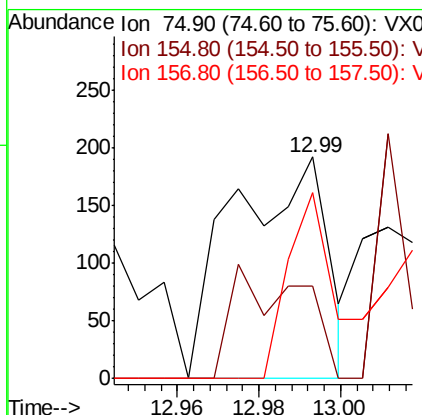
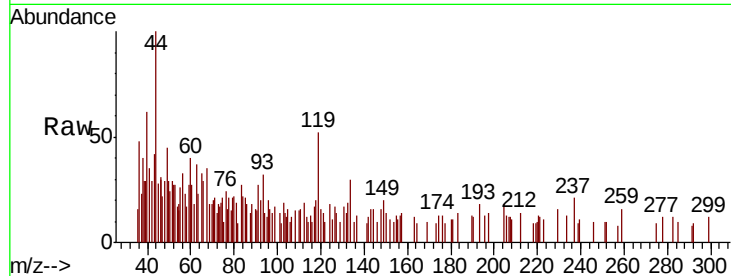




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.210 ug/l  
 RT: 12.99 min Scan# 1942  
 Delta R.T. -0.01 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 TR-05-081919

Tgt Ion: 75 Resp: 307  
 Ion Ratio Lower Upper  
 75 100  
 155 37.1 53.0 159.0#  
 157 43.6 68.3 205.1#



#95  
 Naphthalene  
 Concen: 4.163 ug/l  
 RT: 13.83 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: VX011745.D  
 Acq: 22 Aug 2019 01:29

Tgt Ion: 128 Resp: 83521  
 Ion Ratio Lower Upper  
 128 100  
 127 12.3 10.3 15.5  
 129 11.6 8.7 13.1

