

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\  
 Data File : VX006432.D  
 Acq On : 11 Dec 2018 20:24  
 Operator : JC/MD  
 Sample : J6331-42  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 12 04:39:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

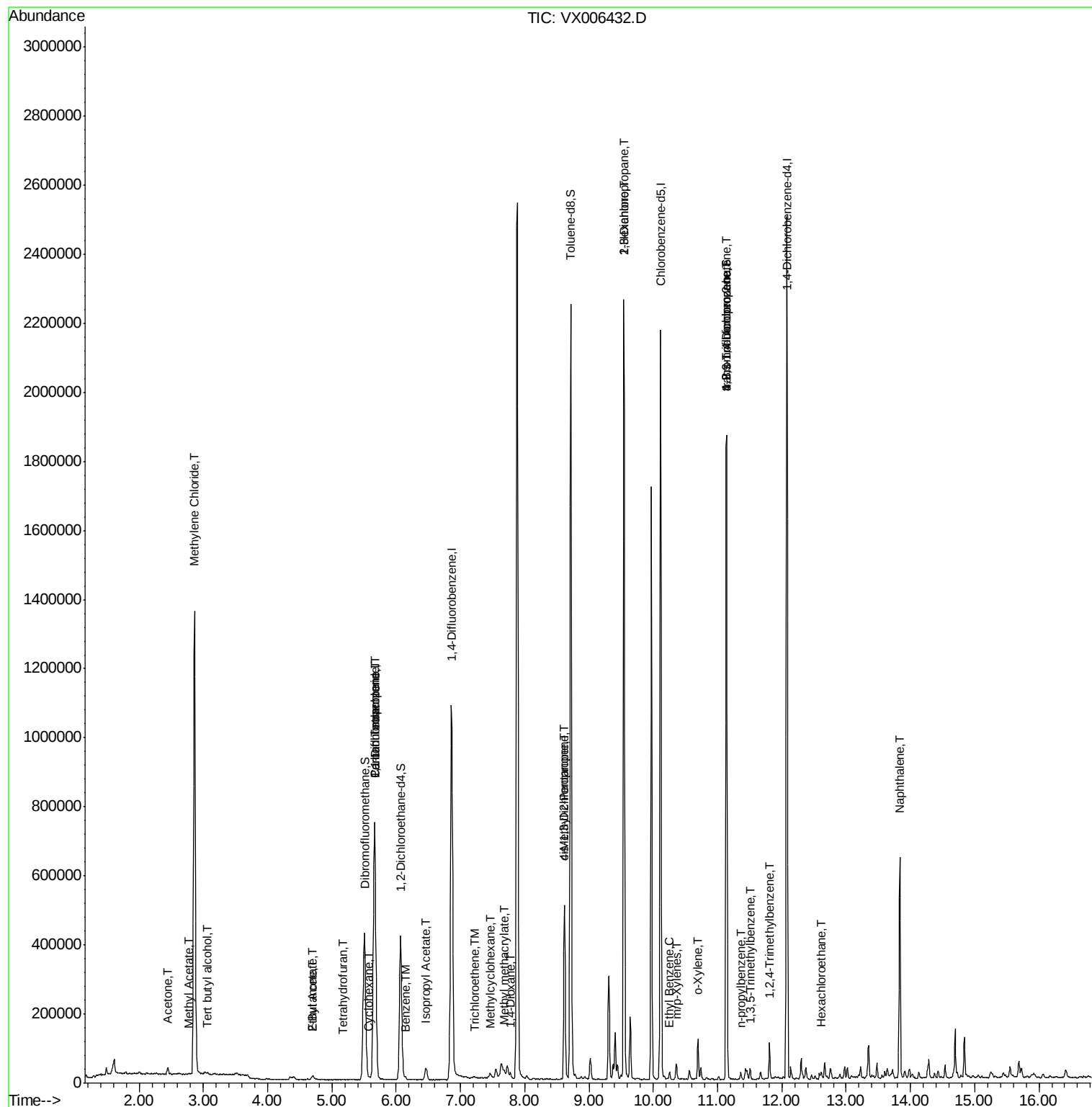
| Internal Standards             | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 783303   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 1189142  | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 10.12  | 117  | 1085483  | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 540028   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds    |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 384107   | 48.04  | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 96.08% |          |
| 35) Dibromofluoromethane       | 5.51   | 113  | 360034   | 46.76  | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 93.52% |          |
| 50) Toluene-d8                 | 8.71   | 98   | 1380893  | 49.31  | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 98.62% |          |
| 62) 4-Bromofluorobenzene       | 11.13  | 95   | 511011   | 48.42  | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 96.84% |          |
| Target Compounds               |        |      |          |        |        |          |
|                                |        |      |          |        | Qvalue |          |
| 11) Tert butyl alcohol         | 3.06   | 59   | 6298     | 2.880  | ug/l   | 100      |
| 16) Acetone                    | 2.45   | 43   | 22760    | 6.065  | ug/l   | 90       |
| 18) Methyl Acetate             | 2.78   | 43   | 3108     | 0.248  | ug/l   | 92       |
| 20) Methylene Chloride         | 2.86   | 84   | 627138   | 78.525 | ug/l   | 95       |
| 25) 2-Butanone                 | 4.70   | 43   | 18486    | 3.452  | ug/l # | 86       |
| 29) Tetrahydrofuran            | 5.16   | 42   | 2306     | 0.620  | ug/l # | 84       |
| 31) Cyclohexane                | 5.58   | 56   | 4069     | 0.352  | ug/l   | 90       |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 48004    | 4.794  | ug/l # | 48       |
| 37) Ethyl Acetate              | 4.70   | 43   | 18353    | 1.637  | ug/l # | 68       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 71890    | 6.103  | ug/l # | 15       |
| 39) Methylcyclohexane          | 7.46   | 83   | 5793     | 0.446  | ug/l # | 91       |
| 40) Benzene                    | 6.15   | 78   | 6678     | 0.223  | ug/l   | 91       |
| 43) Isopropyl Acetate          | 6.46   | 43   | 42957    | 2.298  | ug/l   | 97       |
| 44) Trichloroethene            | 7.21   | 130  | 2226     | 0.245  | ug/l   | 41       |
| 48) Methyl methacrylate        | 7.68   | 41   | 20692    | 2.275  | ug/l # | 12       |
| 49) 1,4-Dioxane                | 7.78   | 88   | 117      | 0.522  | ug/l # | 27       |
| 51) 4-Methyl-2-Pentanone       | 8.62   | 43   | 165459   | 15.201 | ug/l # | 49       |
| 54) cis-1,3-Dichloropropene    | 8.62   | 75   | 90186    | 6.966  | ug/l # | 55       |
| 57) 1,3-Dichloropropane        | 9.54   | 76   | 21551    | 1.700  | ug/l # | 46       |
| 59) 2-Hexanone                 | 9.54   | 43   | 247787   | 29.797 | ug/l # | 52       |
| 67) Ethyl Benzene              | 10.26  | 91   | 12689    | 0.331  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36  | 106  | 11700    | 0.762  | ug/l   | 96       |
| 69) o-Xylene                   | 10.70  | 106  | 3575     | 0.236  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.13  | 75   | 232062   | 22.264 | ug/l # | 37       |
| 78) n-propylbenzene            | 11.36  | 91   | 10487    | 0.253  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.51  | 105  | 14288    | 0.460  | ug/l   | 91       |
| 81) trans-1,4-Dichloro-2-buten | 11.13  | 75   | 232062   | 52.246 | ug/l # | 15       |
| 84) 1,2,4-Trimethylbenzene     | 11.80  | 105  | 43844    | 1.368  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60  | 117  | 1804     | 0.261  | ug/l # | 7        |
| 95) Naphthalene                | 13.83  | 128  | 419698   | 10.119 | ug/l   | 100      |

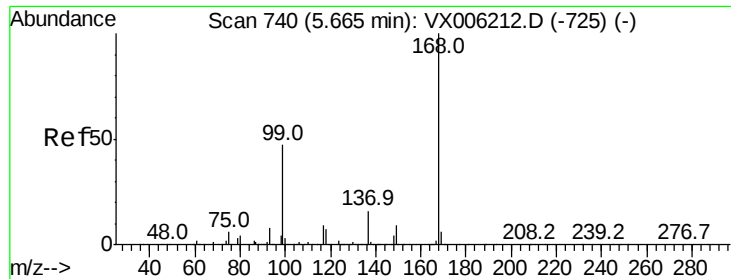
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\  
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MSVOA\_X  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 30 03:55:33 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

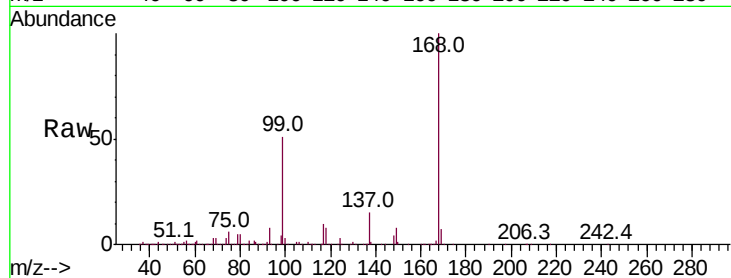
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 783303

Ion Ratio Lower Upper

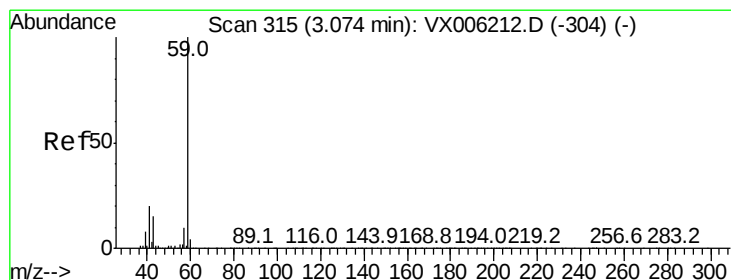
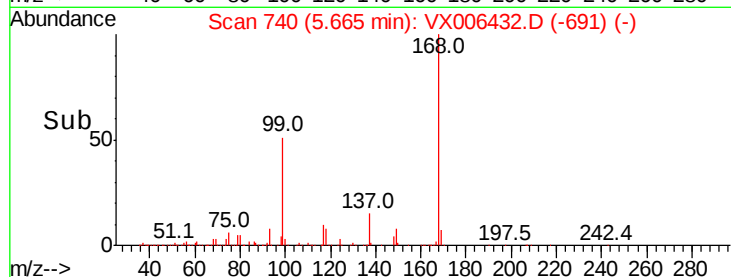
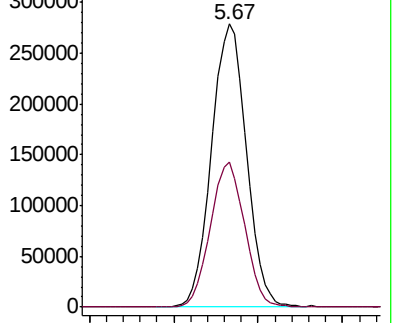
168 100

99 51.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 2.880 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006432.D

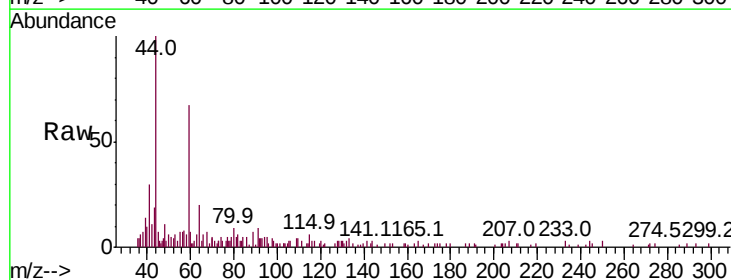
Acq: 11 Dec 2018 20:24

Tgt Ion: 59 Resp: 6298

Ion Ratio Lower Upper

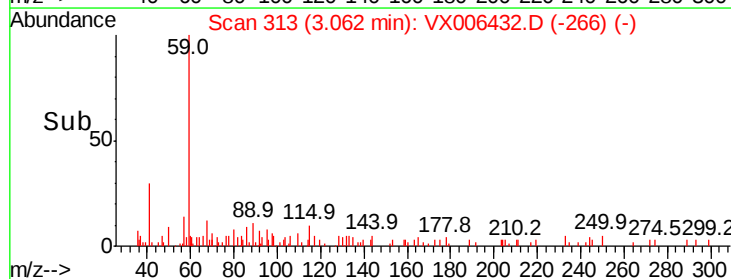
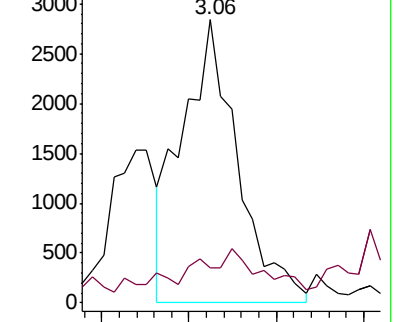
59 100

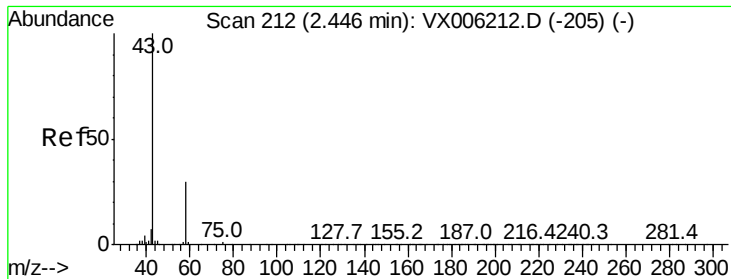
57 10.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

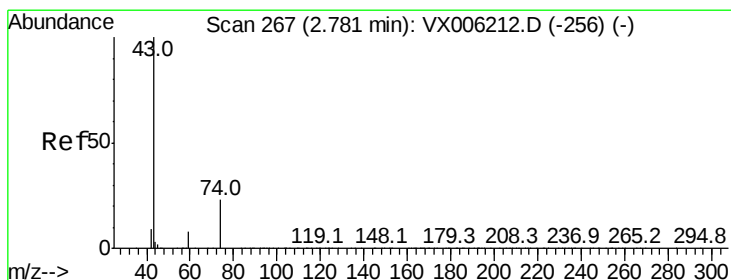
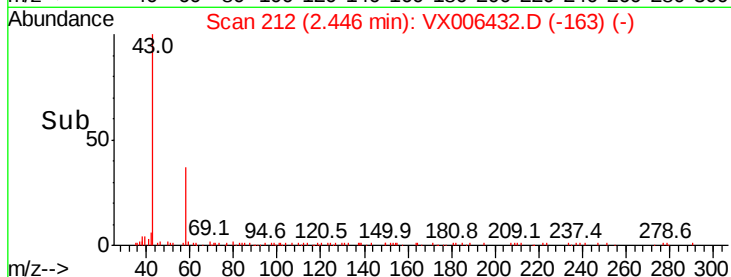
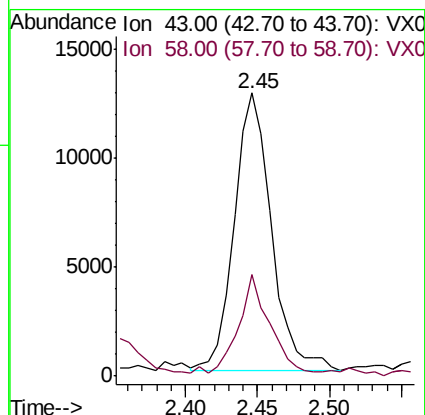
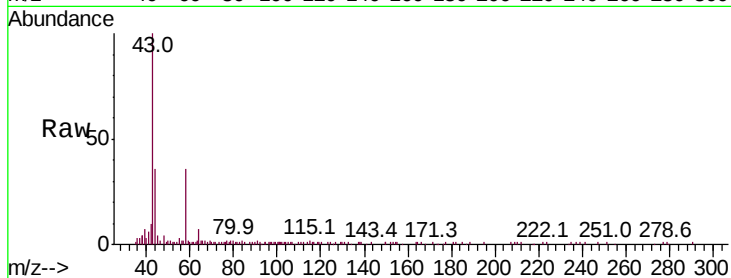




#16  
Acetone  
Concen: 6.065 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

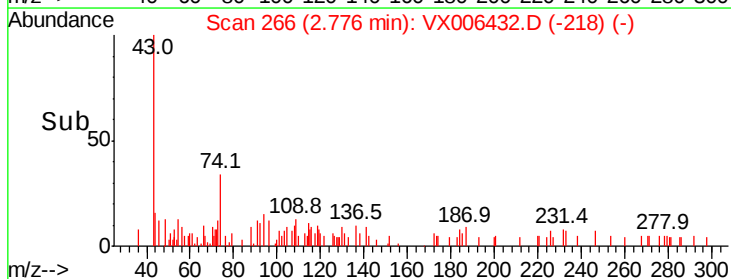
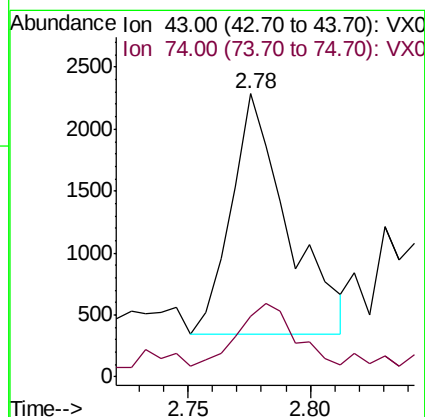
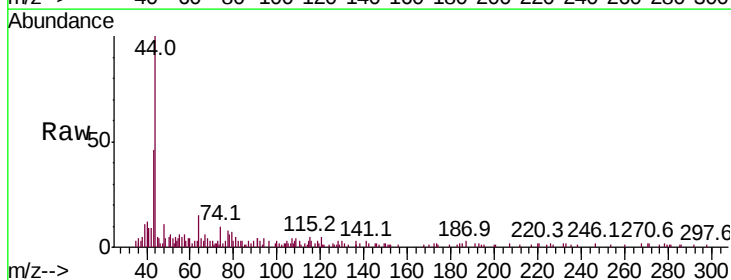
Instrument :  
MSVOA\_X  
ClientSampled :

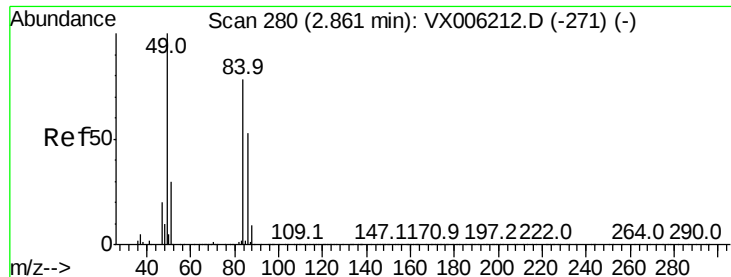
Tot Ion: 43 Resp: 22760  
Ion Ratio Lower Upper  
43 100  
58 35.5 24.0 36.0



#18  
Methyl Acetate  
Concen: 0.248 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

Tgt Ion: 43 Resp: 3108  
Ion Ratio Lower Upper  
43 100  
74 26.1 17.9 26.9

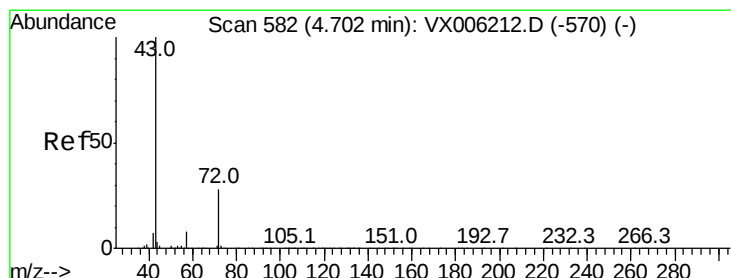
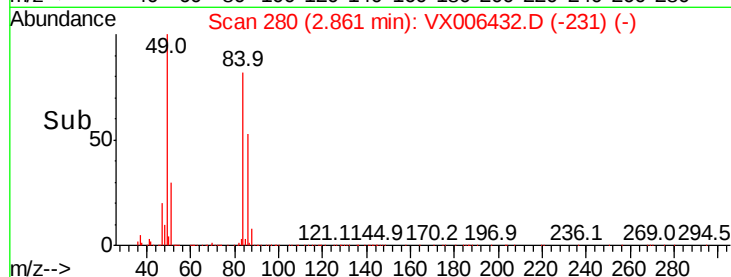
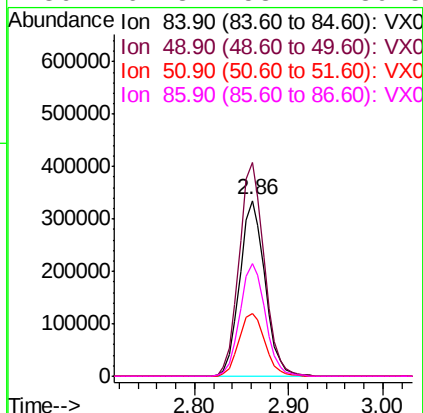
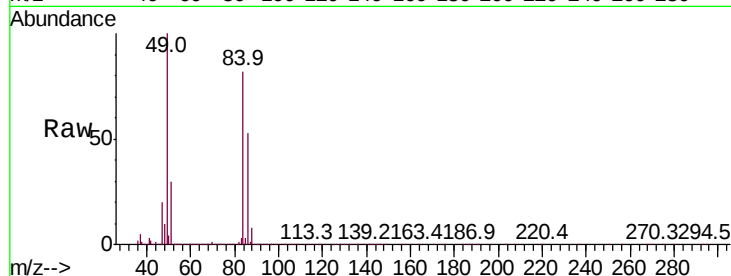




#20  
Methvlene Chloride  
Concen: 78.525 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

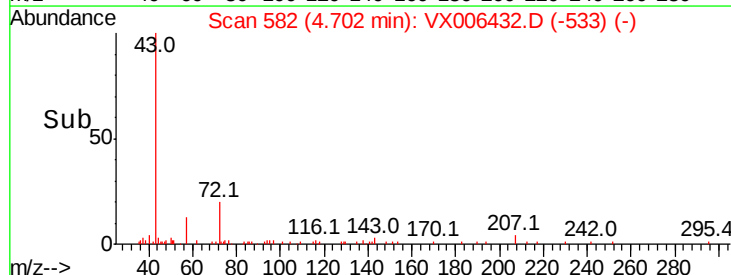
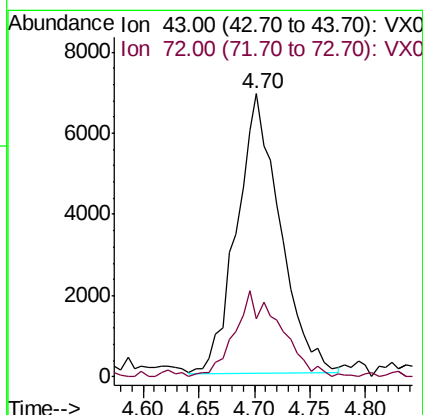
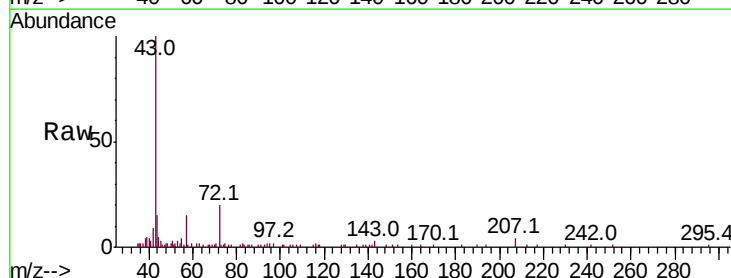
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MSVOA\_X  
ClientSampleId :

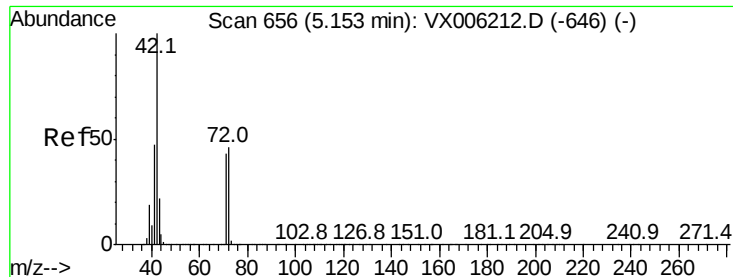
Tot Ion: 84 Resp: 627138  
Ion Ratio Lower Upper  
84 100  
49 121.5 102.2 153.4  
51 35.8 31.1 46.7  
86 64.3 53.7 80.5



#25  
2-Butanone  
Concen: 3.452 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. 0.00 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

Tgt Ion: 43 Resp: 18486  
Ion Ratio Lower Upper  
43 100  
72 20.7 22.6 33.8#

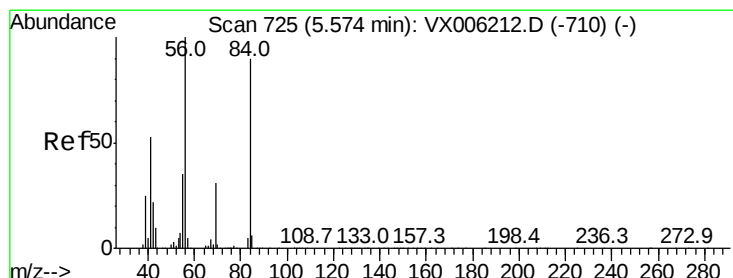
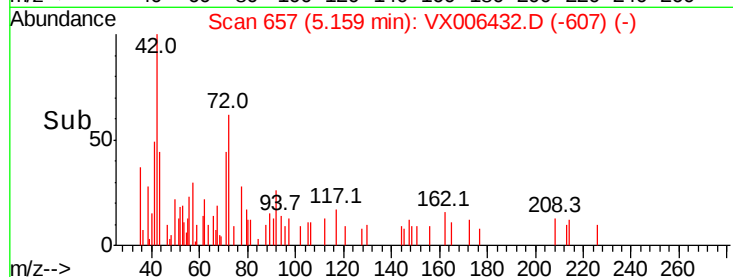
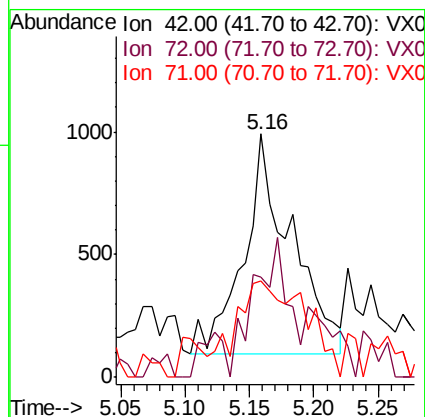
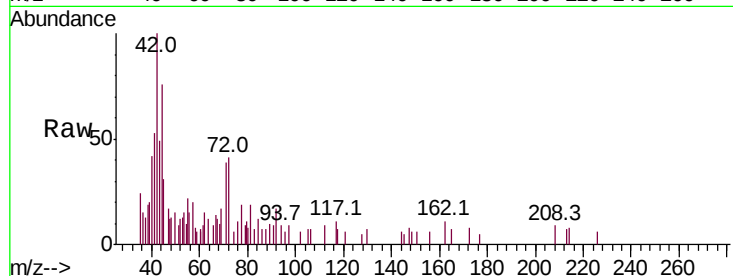




#29  
Tetrahydrofuran  
Concen: 0.620 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

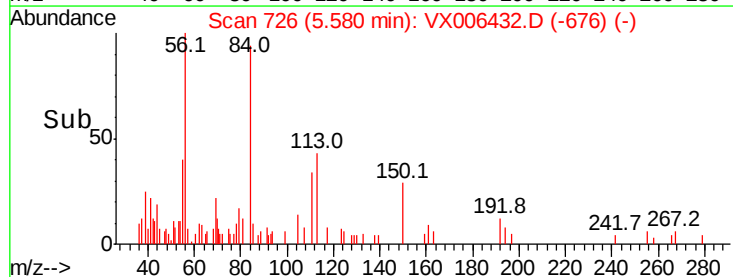
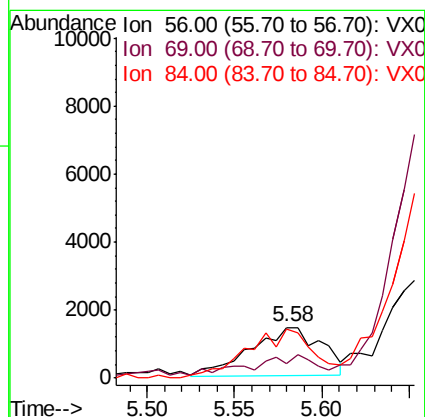
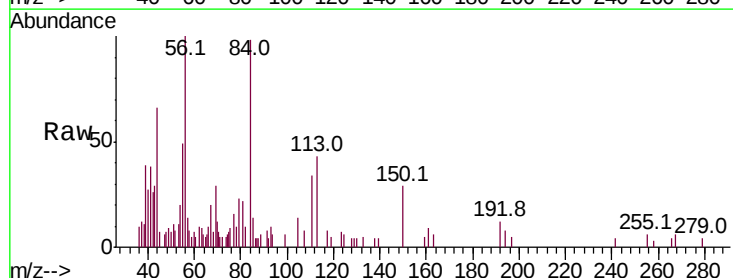
Instrument :  
MSVOA\_X  
ClientSampled :

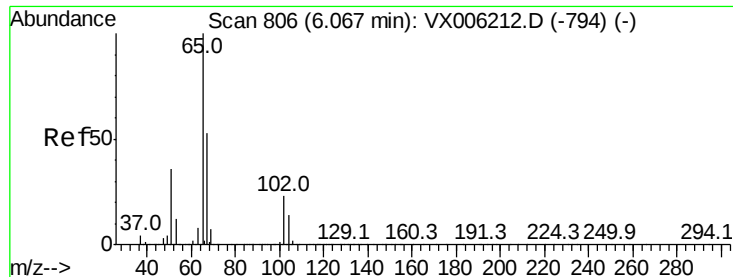
Tot Ion: 42 Resp: 2306  
Ion Ratio Lower Upper  
42 100  
72 45.6 37.8 56.8  
71 63.7 35.2 52.8#



#31  
Cyclohexane  
Concen: 0.352 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

Tgt Ion: 56 Resp: 4069  
Ion Ratio Lower Upper  
56 100  
69 24.8 24.5 36.7  
84 98.4 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 48.036 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

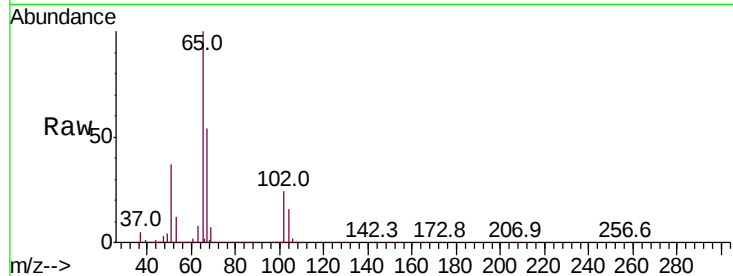
ClientSampleId :

Tot Ion: 65 Resp: 384107

Ion Ratio Lower Upper

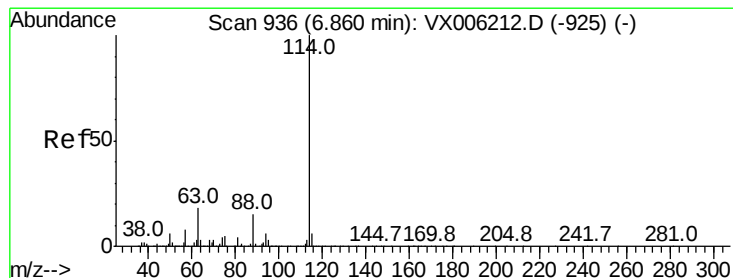
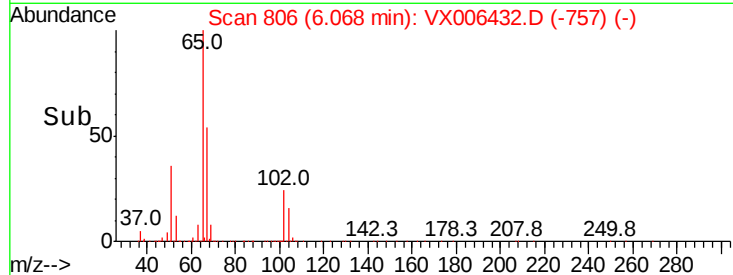
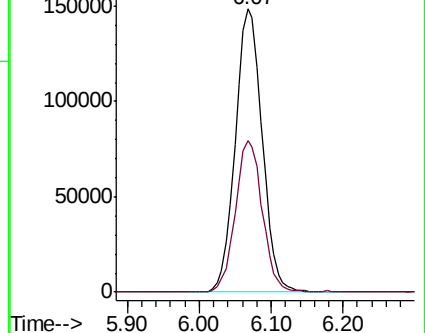
65 100

67 53.5 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

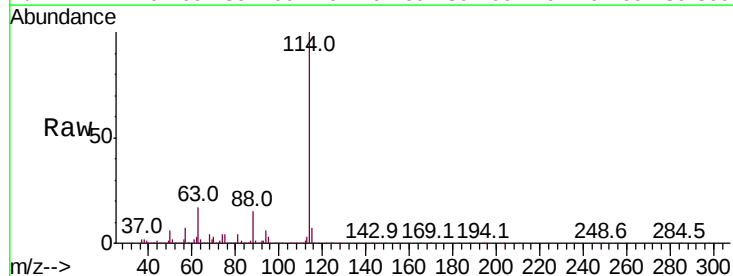
Tgt Ion: 114 Resp: 1189142

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

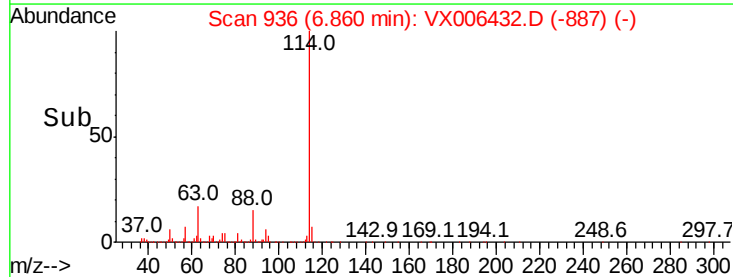
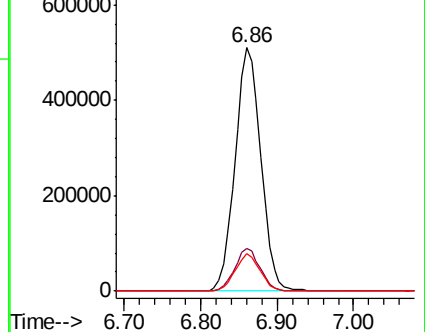
88 15.2 0.0 29.0

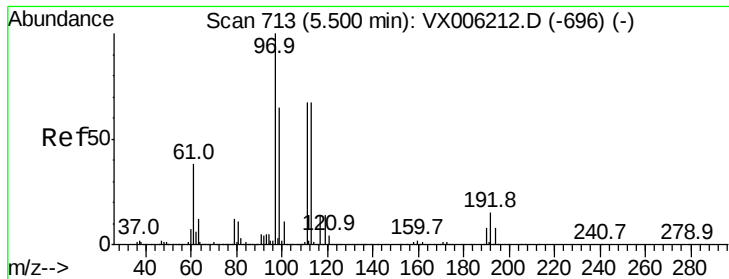


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.762 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

ClientSampleId :

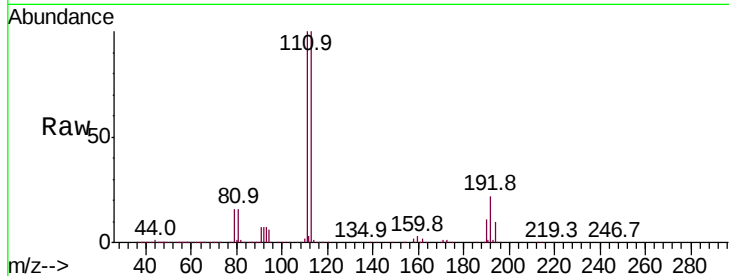
Tot Ion:113 Resp: 360034

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

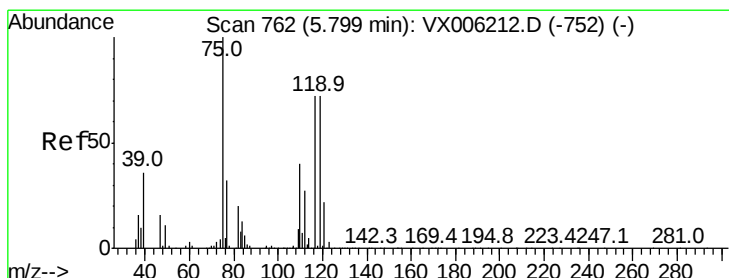
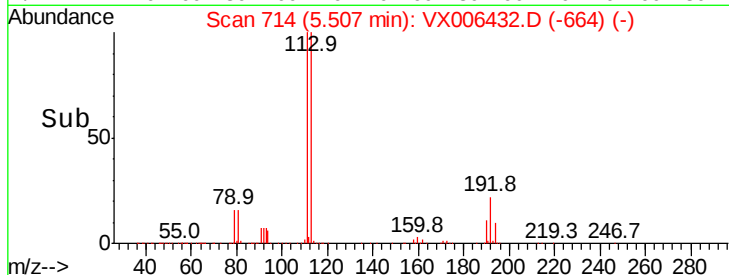
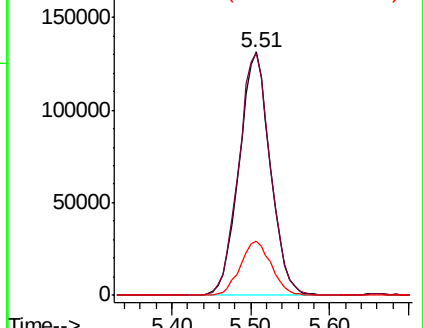
192 22.3 18.2 27.2



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: 4.794 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

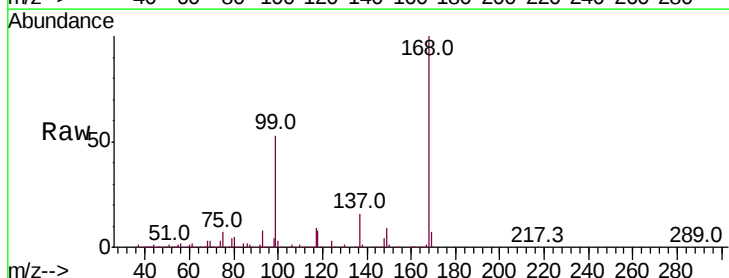
Tgt Ion: 75 Resp: 48004

Ion Ratio Lower Upper

75 100

110 10.4 20.4 61.3#

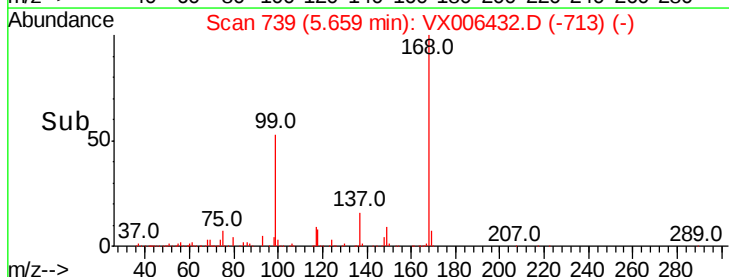
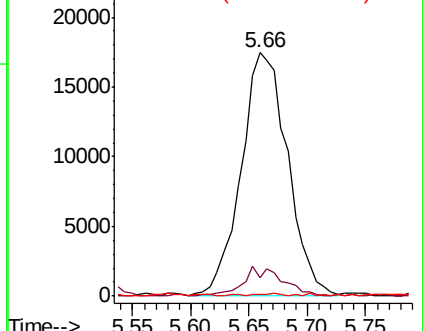
77 0.6 24.9 37.3#

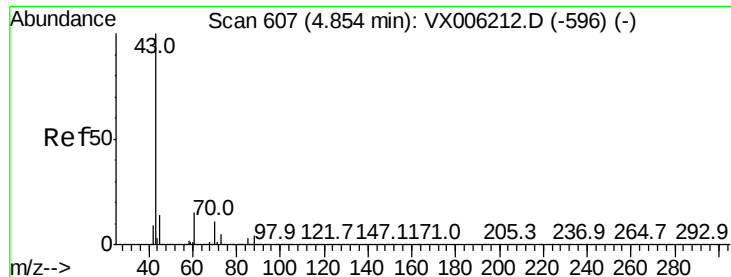


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

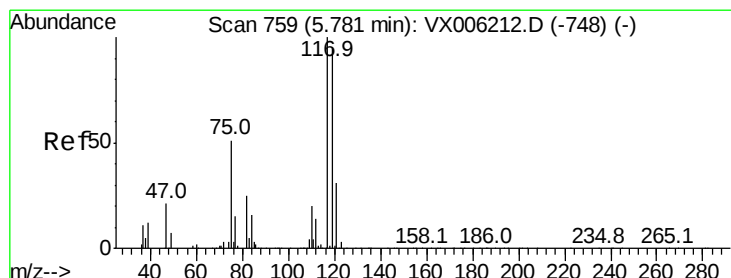
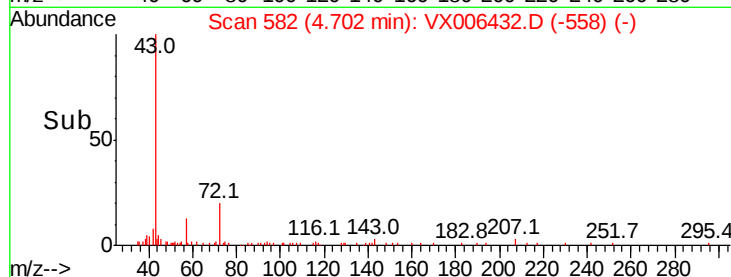
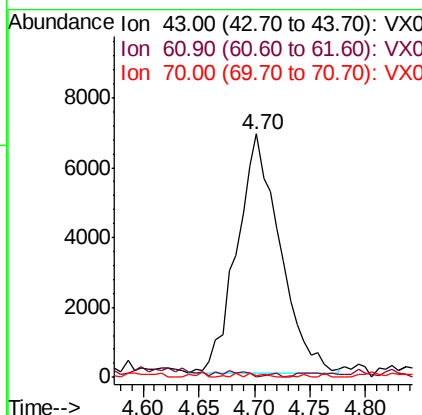
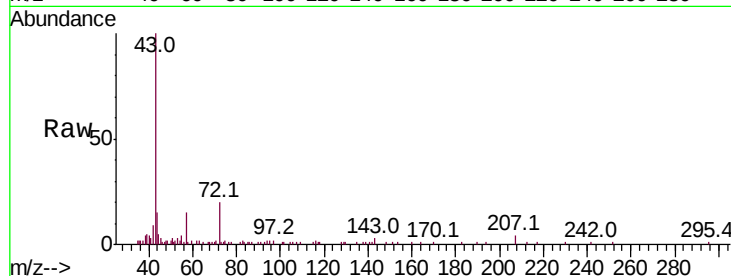




#37  
Ethyl Acetate  
Concen: 1.637 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. -0.15 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

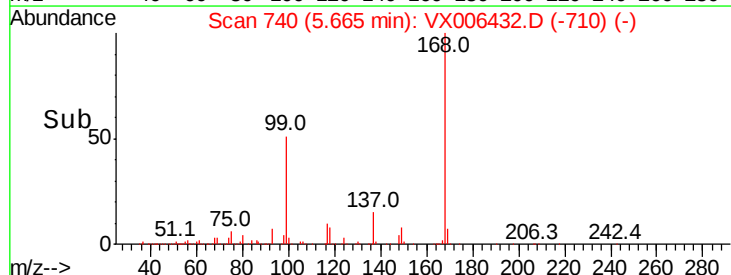
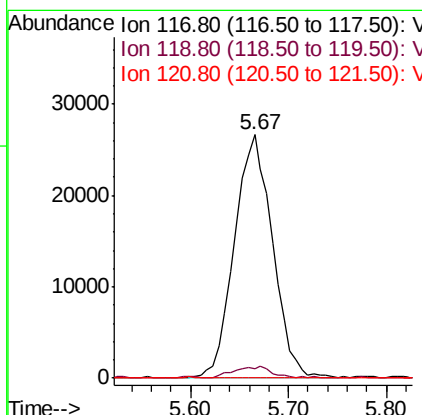
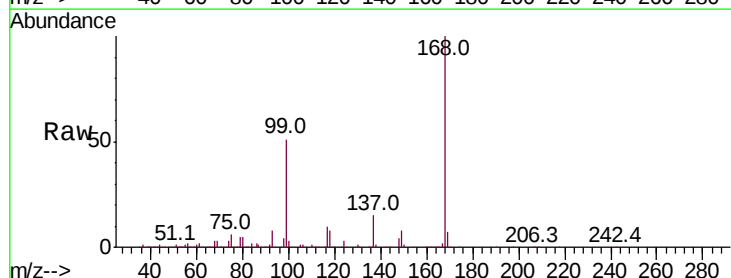
Instrument :  
MSVOA\_X  
ClientSampleId :

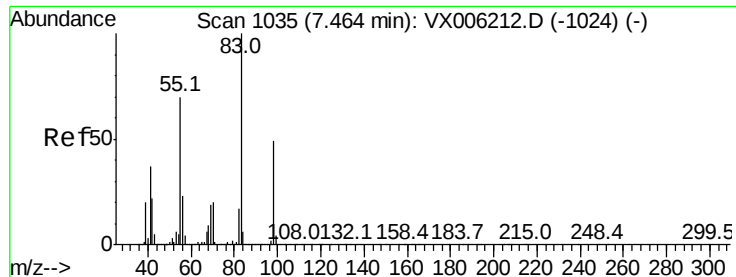
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.0   | 11.5  | 17.3# |
| 70      | 0.6   | 9.0   | 13.6# |



#38  
Carbon Tetrachloride  
Concen: 6.103 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.12 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 3.8   | 75.8  | 113.8# |
| 121     | 0.0   | 24.6  | 37.0#  |





#39

Methvlcvclohexane

Concen: 0.446 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

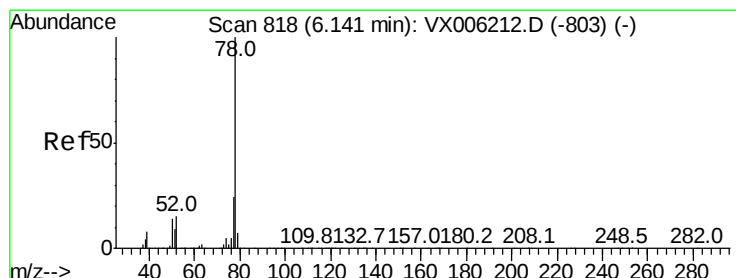
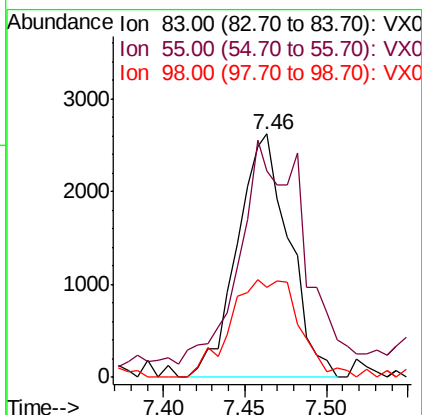
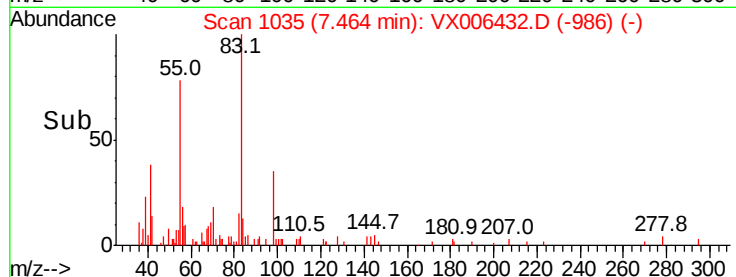
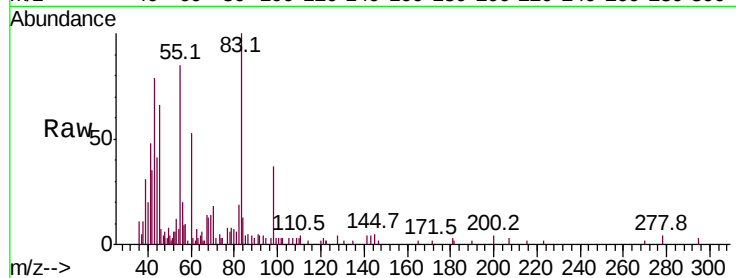
Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 5793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 73.5  | 56.4  | 84.6  |
| 98  | 37.0  | 39.0  | 58.6# |



#40

Benzene

Concen: 0.223 ug/l

RT: 6.15 min Scan# 819

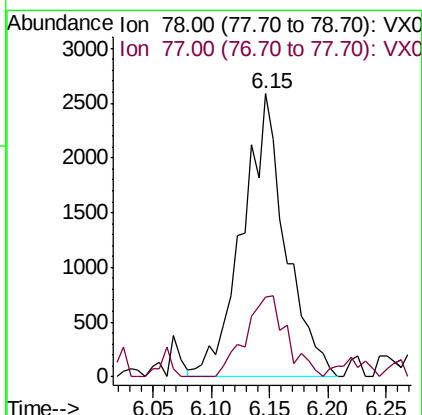
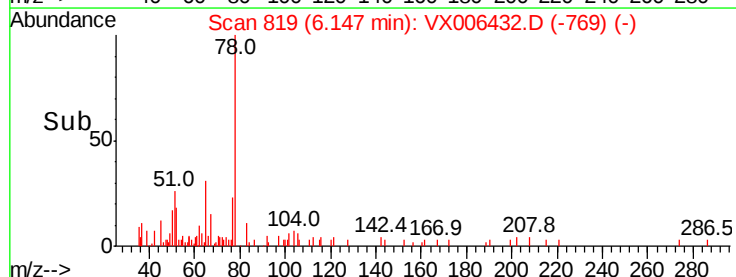
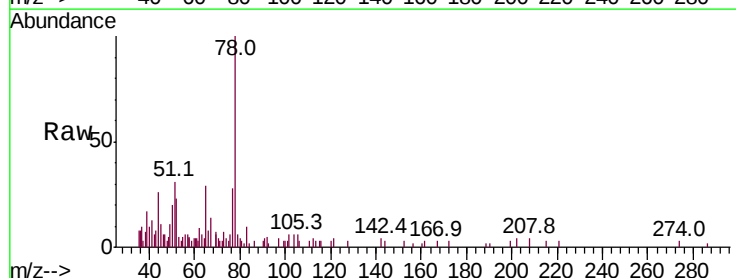
Delta R.T. 0.01 min

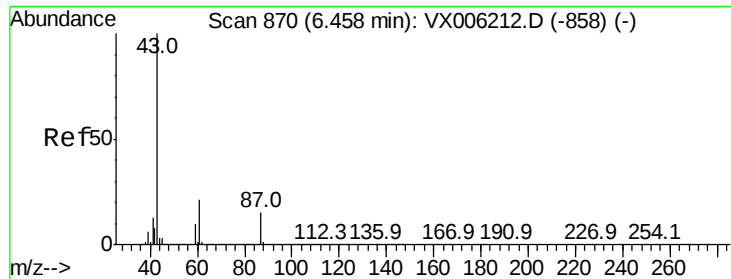
Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Tgt Ion: 78 Resp: 6678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 28.2  | 19.2  | 28.8  |



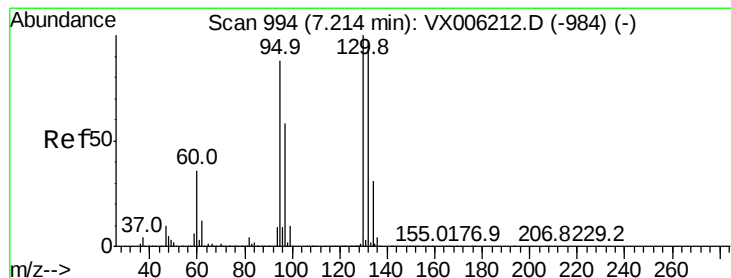
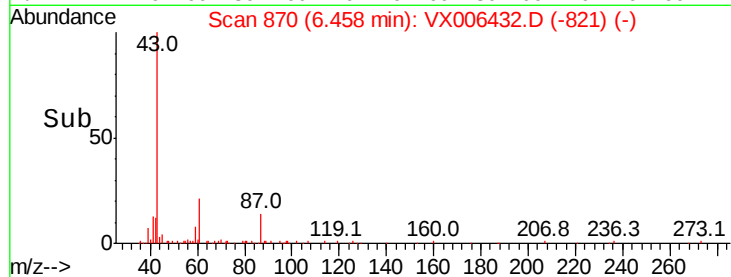
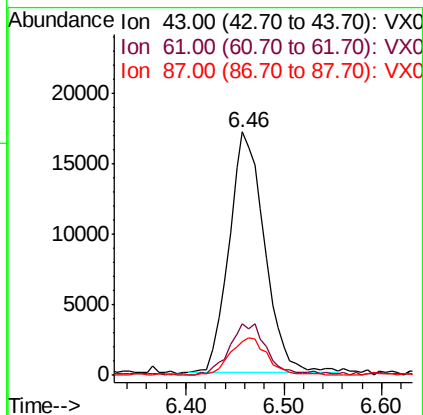
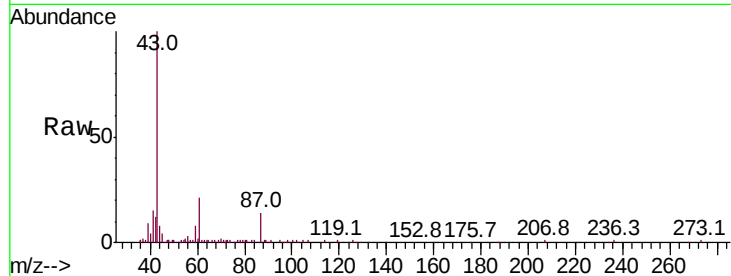


#43

Isopropyl Acetate  
 Concen: 2.298 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: VX006432.D  
 Acq: 11 Dec 2018 20:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :

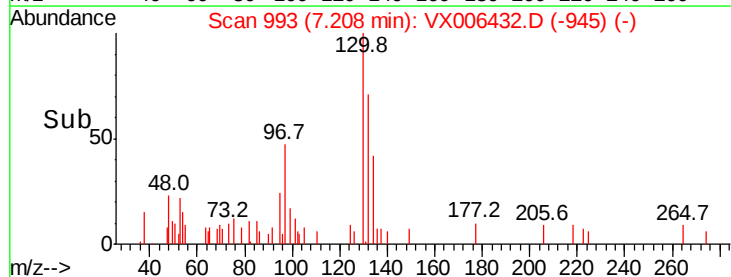
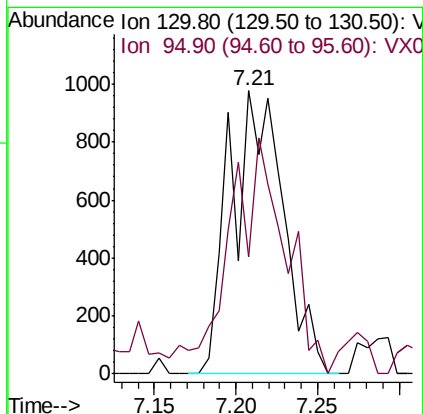
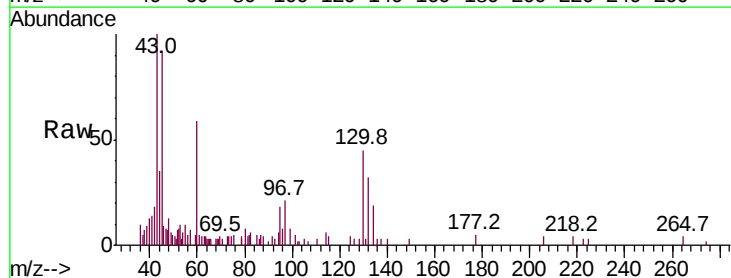
| Tot Ion   | 43   | Resp  | 42957 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 61        | 22.3 | 16.8  | 25.2  |
| 87        | 16.2 | 11.9  | 17.9  |

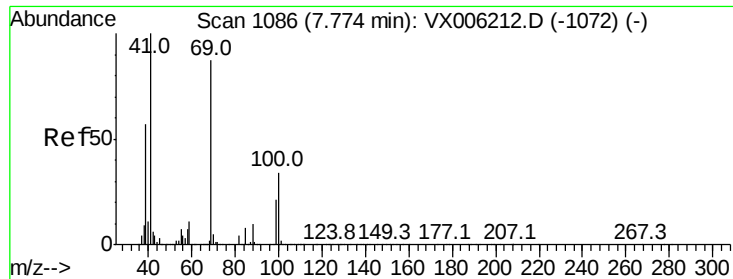


#44

Trichloroethene  
 Concen: 0.245 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX006432.D  
 Acq: 11 Dec 2018 20:24

| Tgt Ion   | 130  | Resp  | 2226  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 95        | 33.5 | 0.0   | 175.8 |

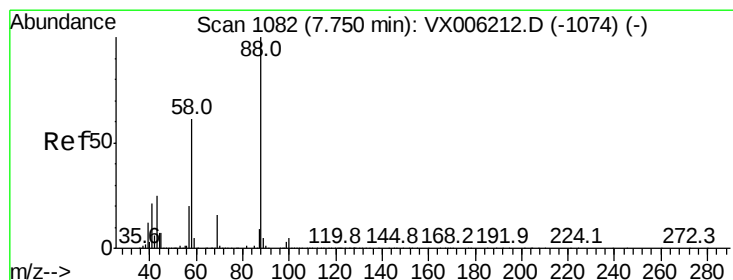
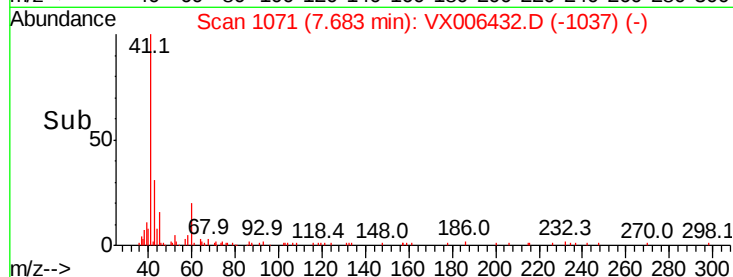
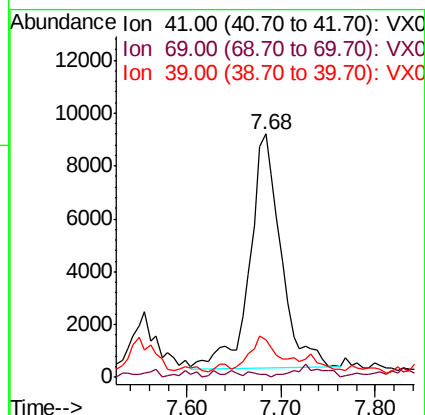
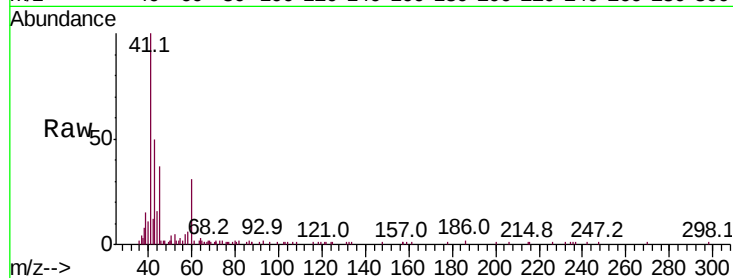




#48  
Methyl methacrylate  
Concen: 2.275 ug/l  
RT: 7.68 min Scan# 1071  
Delta R.T. -0.09 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

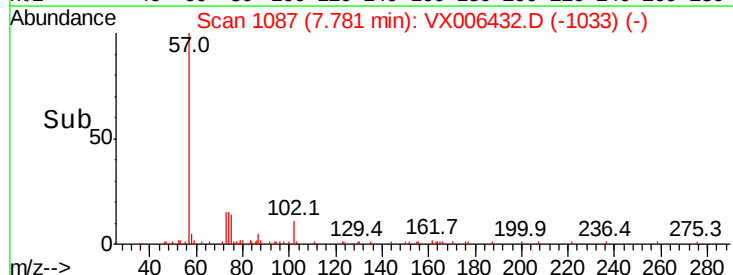
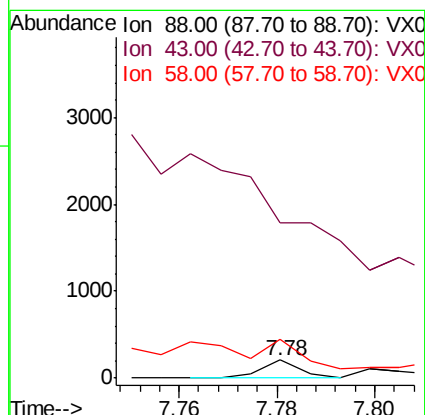
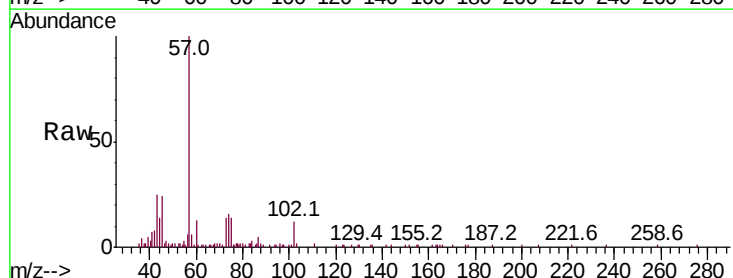
Instrument :  
MSVOA\_X  
ClientSampleId :

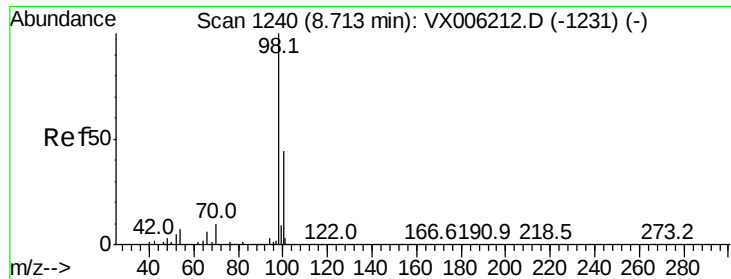
Tot Ion: 41 Resp: 20692  
Ion Ratio Lower Upper  
41 100  
69 0.0 70.3 105.5#  
39 0.0 45.3 67.9#



#49  
1,4-Dioxane  
Concen: 0.522 ug/l  
RT: 7.78 min Scan# 1087  
Delta R.T. 0.03 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

Tgt Ion: 88 Resp: 117  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.2 34.8#  
58 0.0 51.4 77.0#





#50

Toluene-d8

Concen: 49.308 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

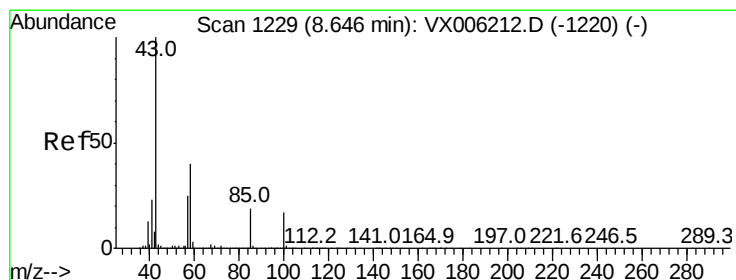
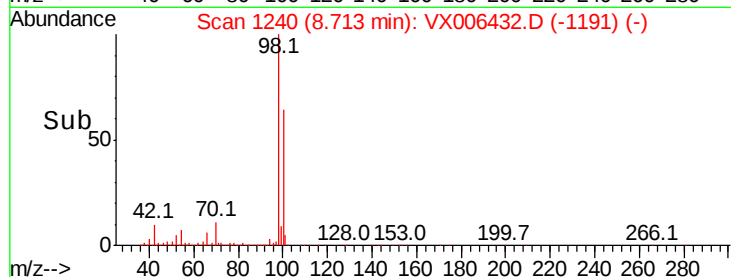
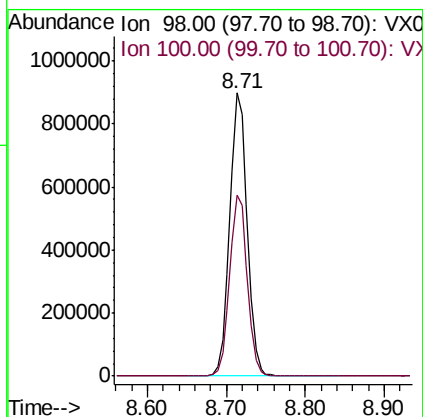
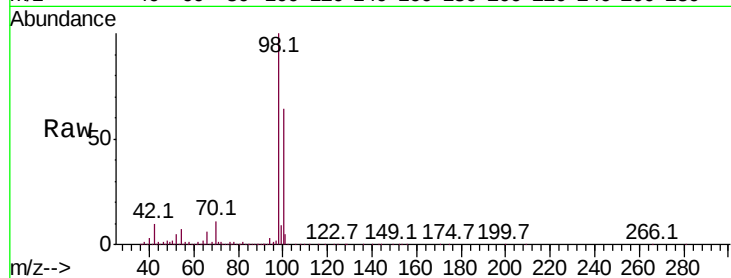
ClientSampled :

Tot Ion: 98 Resp: 1380893

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 15.201 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006432.D

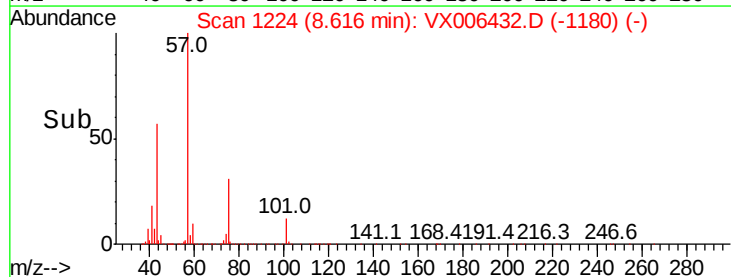
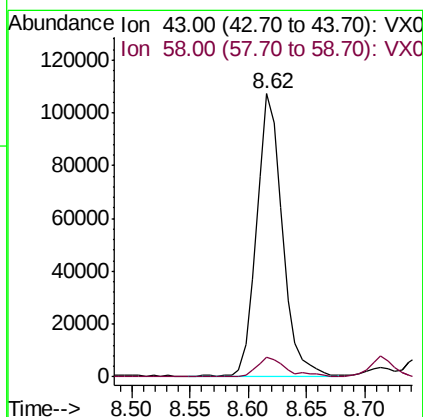
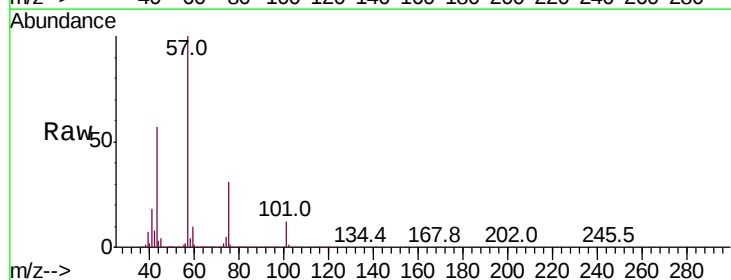
Acq: 11 Dec 2018 20:24

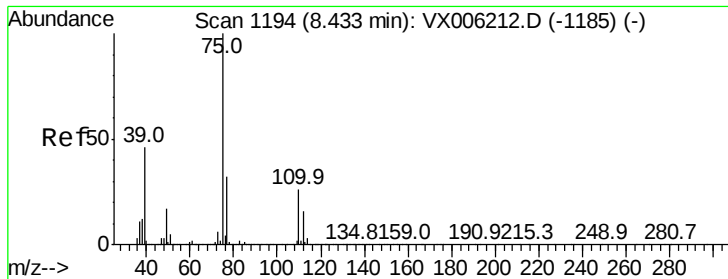
Tgt Ion: 43 Resp: 165459

Ion Ratio Lower Upper

43 100

58 7.8 31.3 46.9#



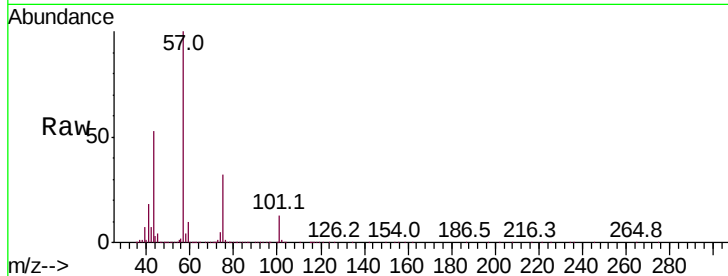


#54

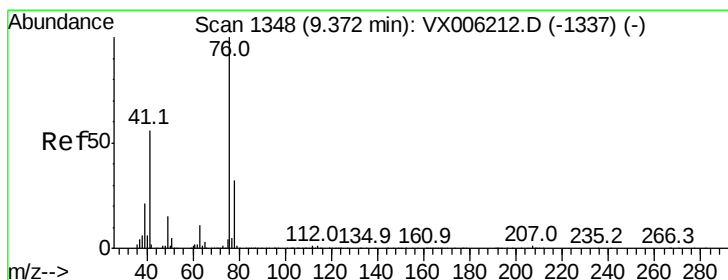
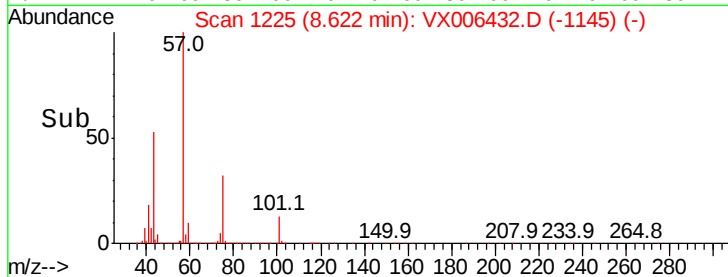
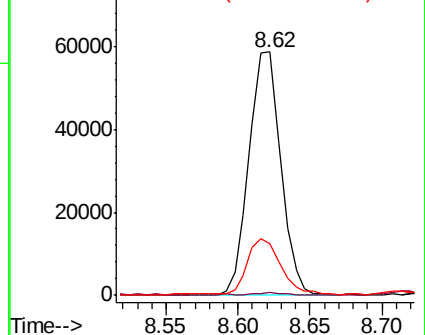
cis-1,3-Dichloropropene  
 Concen: 6.966 ug/l  
 RT: 8.62 min Scan# 1225  
 Delta R.T. 0.19 min  
 Lab File: VX006432.D  
 Acq: 11 Dec 2018 20:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.8   | 25.6  | 38.4# |
| 39      | 21.0  | 36.5  | 54.7# |



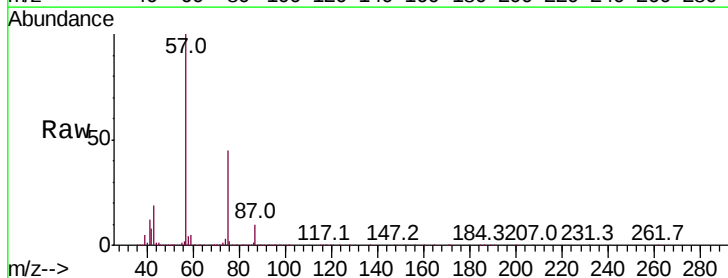
Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0  
 Ion 39.00 (38.70 to 39.70): VX0



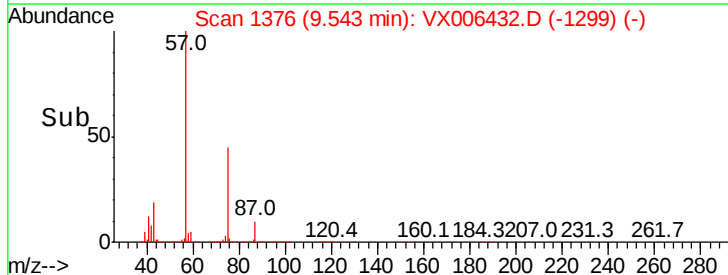
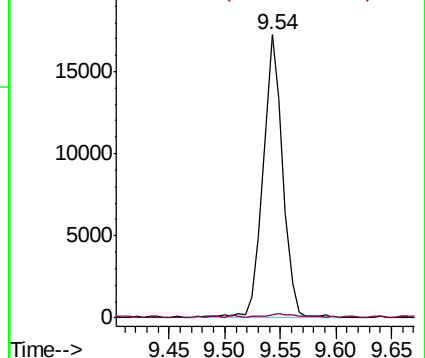
#57

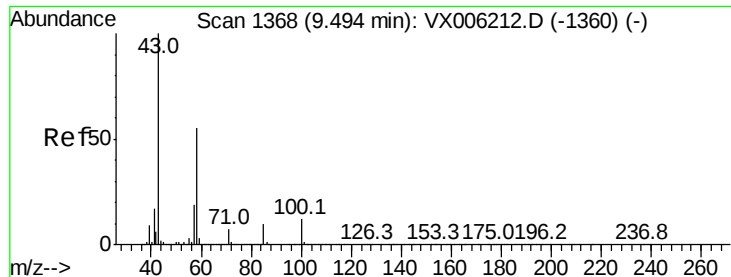
1,3-Dichloropropane  
 Concen: 1.700 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX006432.D  
 Acq: 11 Dec 2018 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 2.3   | 26.1  | 39.1# |



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

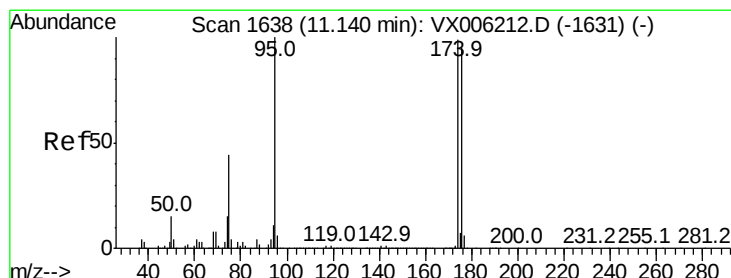
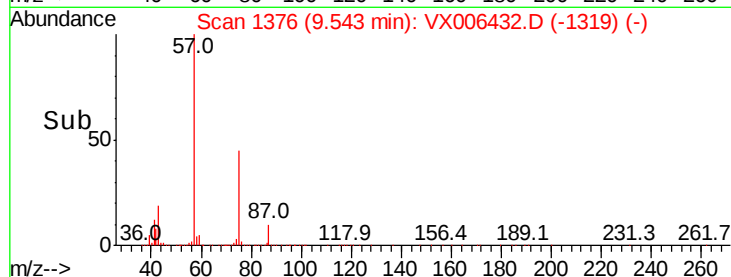
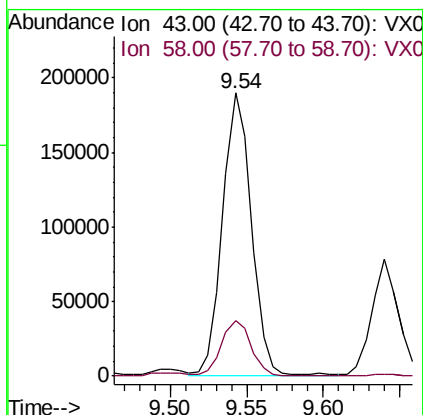
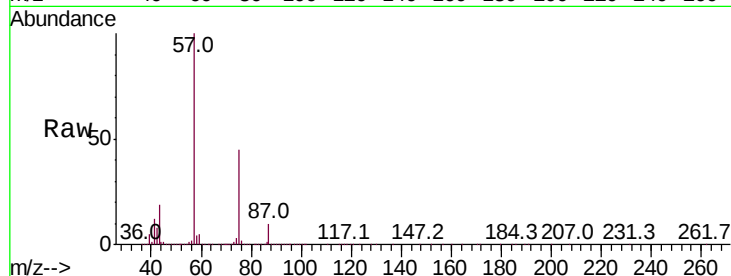




#59  
2-Hexanone  
Concen: 29.797 ug/l  
RT: 9.54 min Scan# 1376  
Delta R.T. 0.05 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

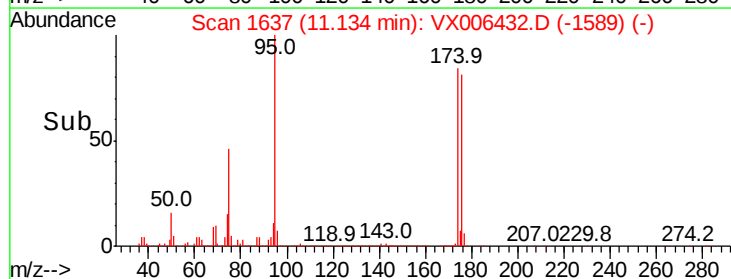
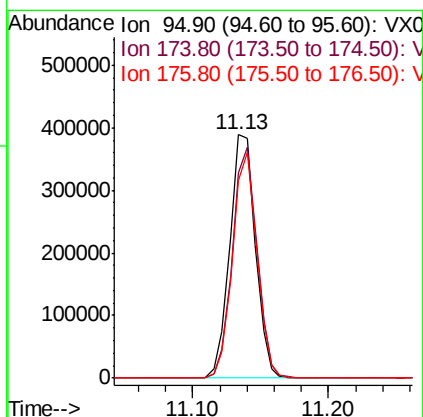
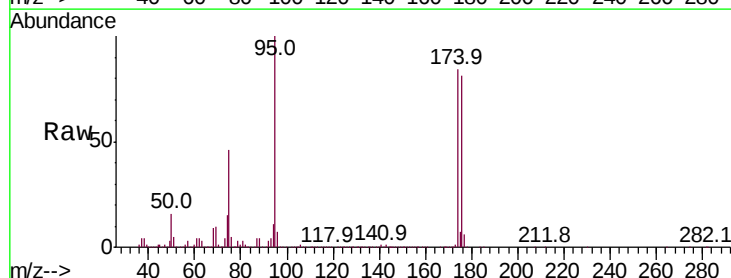
Instrument :  
MSVOA\_X  
ClientSampleId :

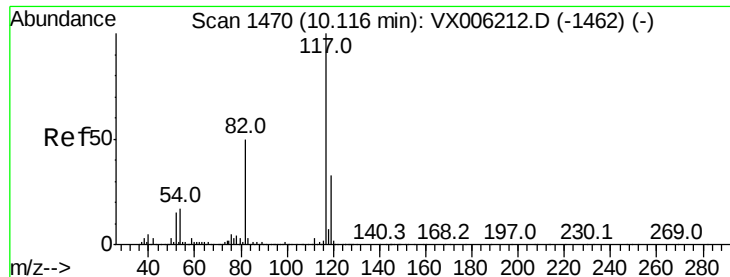
Tot Ion: 43 Resp: 247787  
Ion Ratio Lower Upper  
43 100  
58 20.4 27.7 83.1#



#62  
4-Bromofluorobenzene  
Concen: 48.422 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.01 min  
Lab File: VX006432.D  
Acq: 11 Dec 2018 20:24

Tgt Ion: 95 Resp: 511011  
Ion Ratio Lower Upper  
95 100  
174 91.7 0.0 187.0  
176 88.5 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

ClientSampleId :

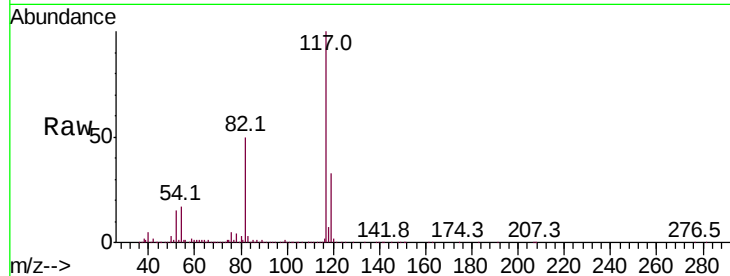
Tot Ion:117 Resp: 1085483

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

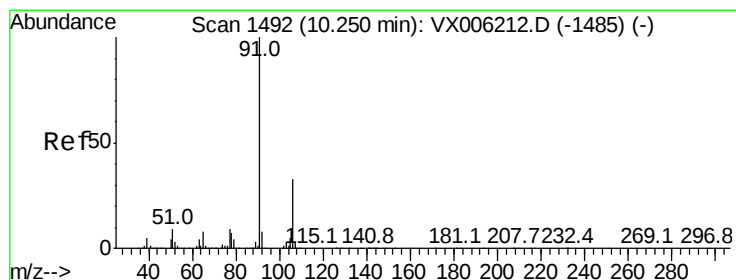
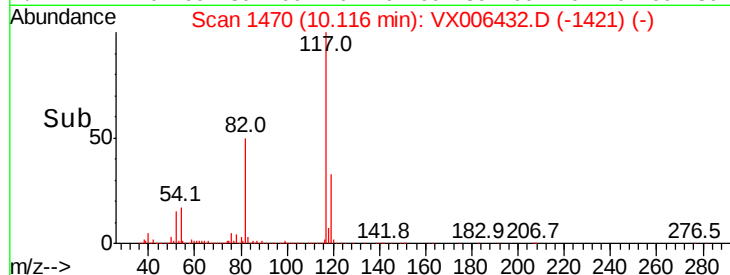
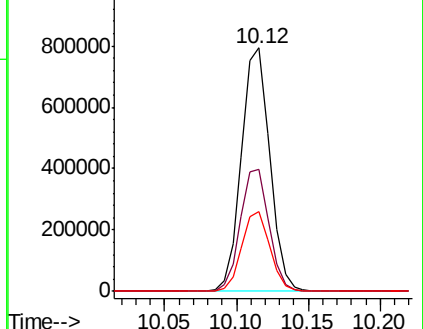
119 32.8 26.3 39.5



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



#67

Ethyl Benzene

Concen: 0.331 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006432.D

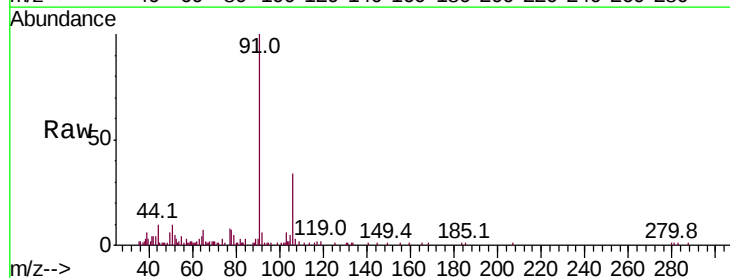
Acq: 11 Dec 2018 20:24

Tgt Ion: 91 Resp: 12689

Ion Ratio Lower Upper

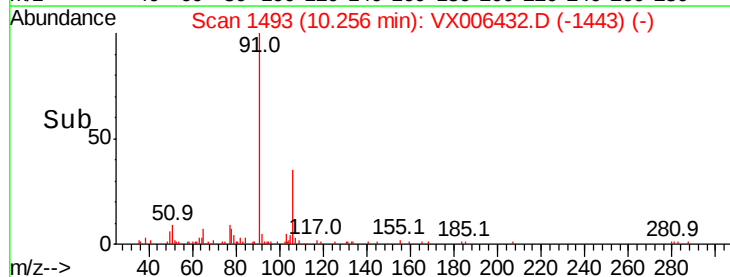
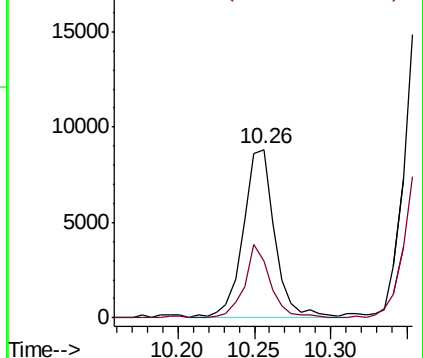
91 100

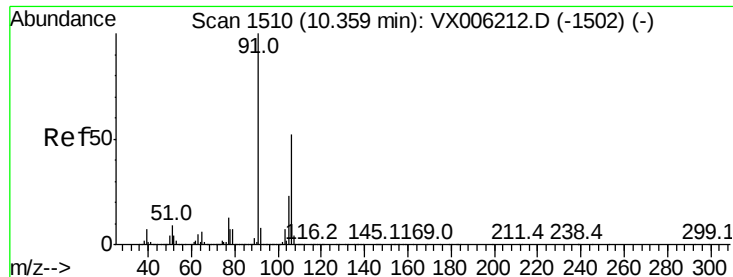
106 34.1 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.762 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

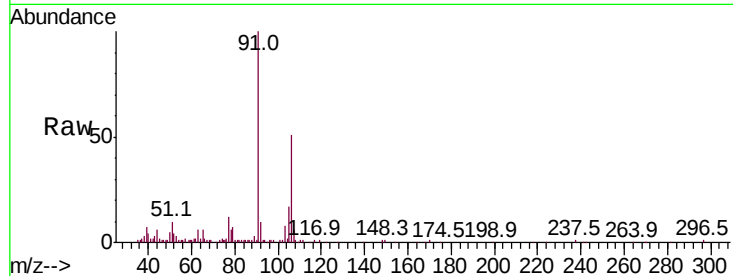
ClientSampleId :

Tot Ion:106 Resp: 11700

Ion Ratio Lower Upper

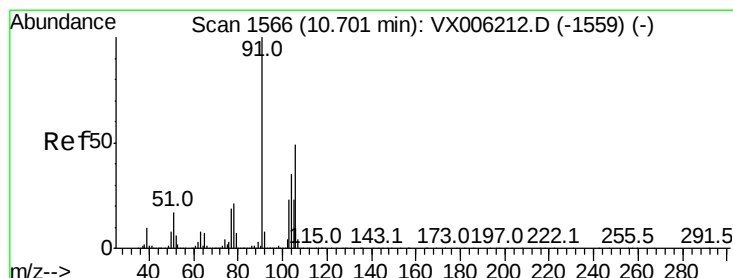
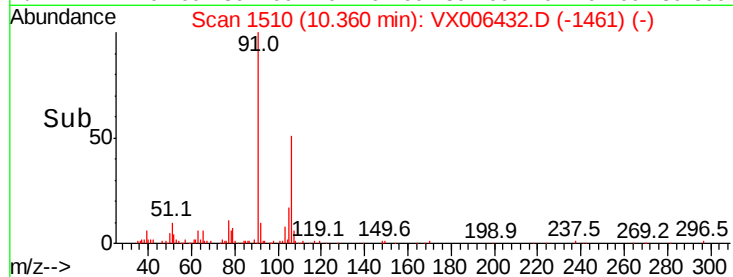
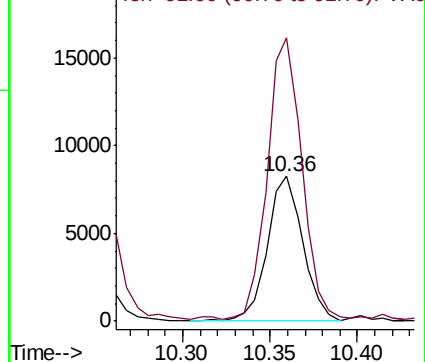
106 100

91 188.5 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.236 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006432.D

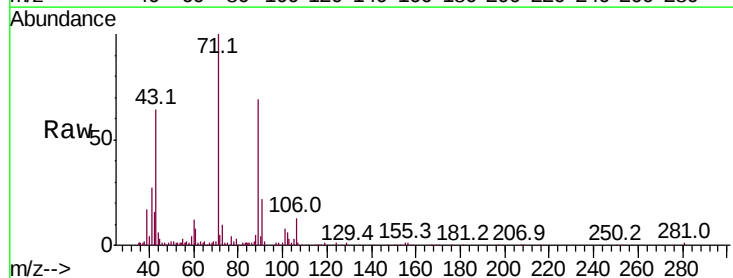
Acq: 11 Dec 2018 20:24

Tgt Ion:106 Resp: 3575

Ion Ratio Lower Upper

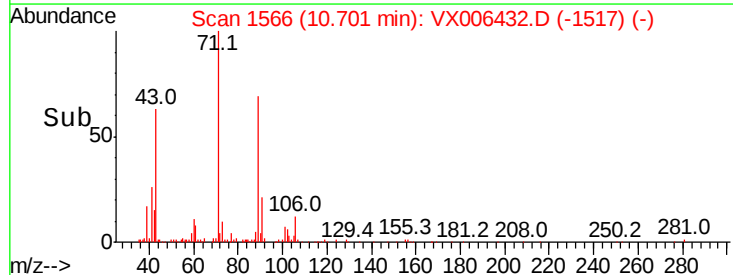
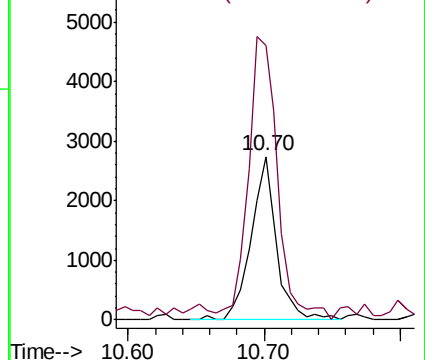
106 100

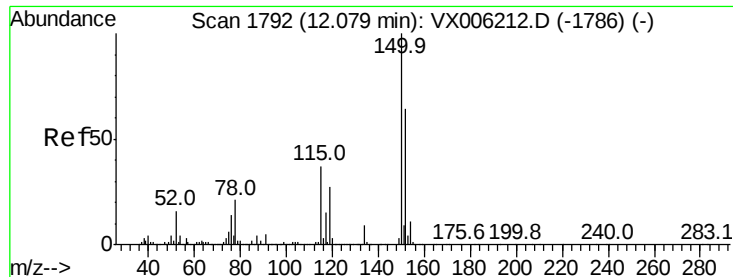
91 200.9 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

ClientSampleId :

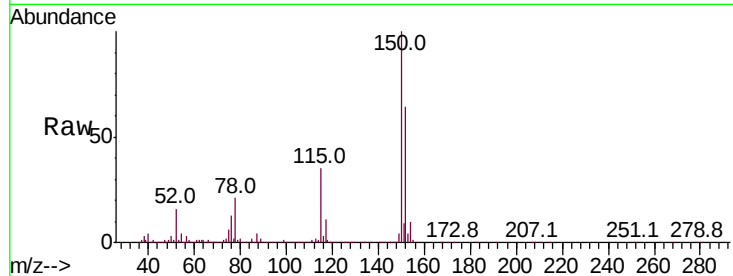
Tot Ion:152 Resp: 540028

Ion Ratio Lower Upper

152 100

115 55.3 39.0 116.9

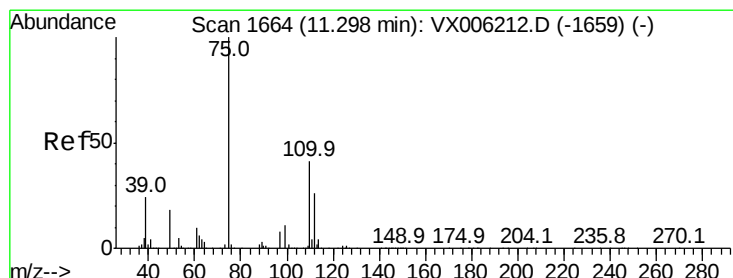
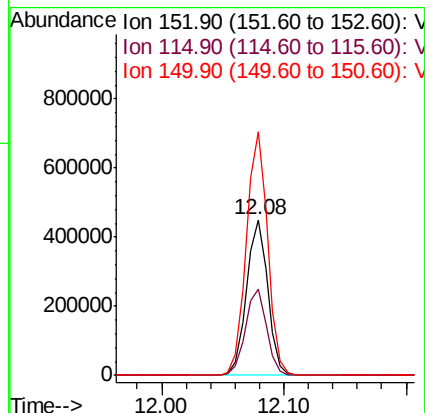
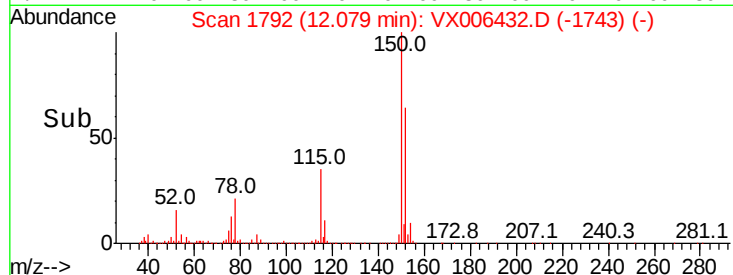
150 156.9 0.0 345.8



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: 22.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006432.D

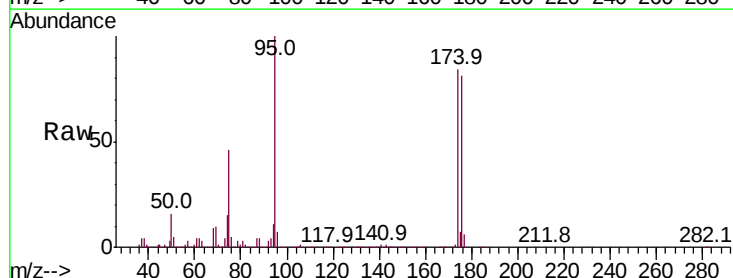
Acq: 11 Dec 2018 20:24

Tgt Ion: 75 Resp: 232062

Ion Ratio Lower Upper

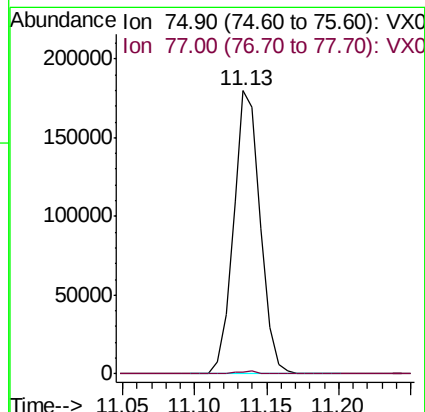
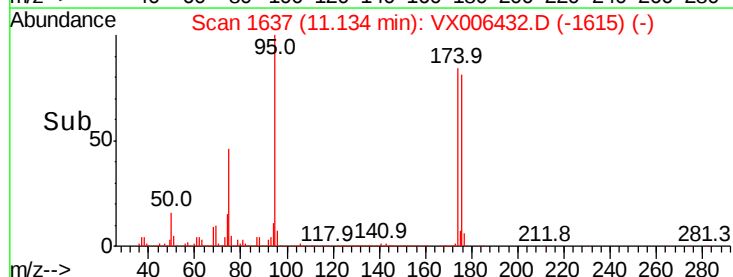
75 100

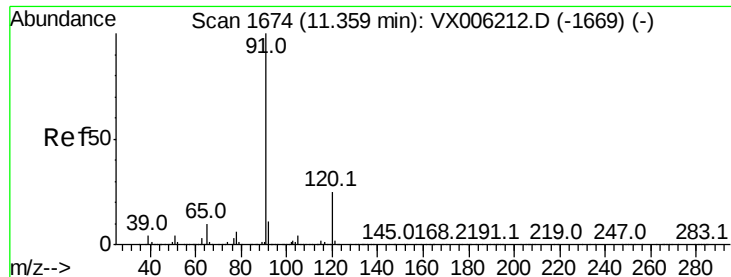
77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.253 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

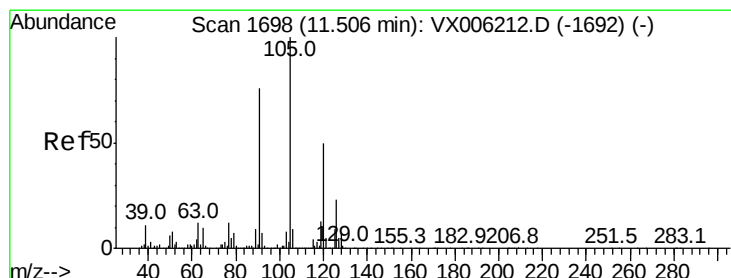
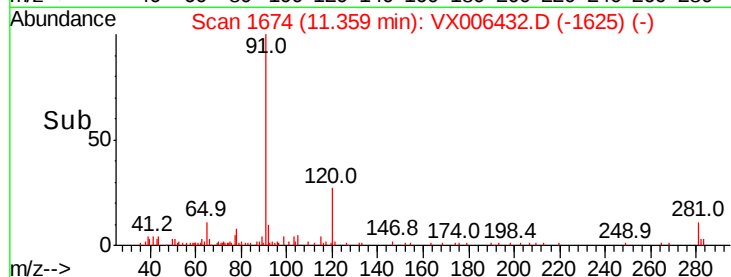
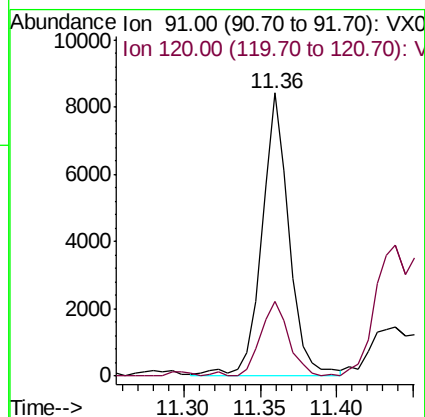
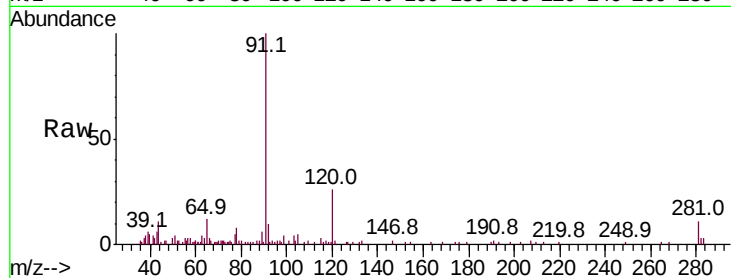
ClientSampled :

Tot Ion: 91 Resp: 10487

Ion Ratio Lower Upper

91 100

120 27.1 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 0.460 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006432.D

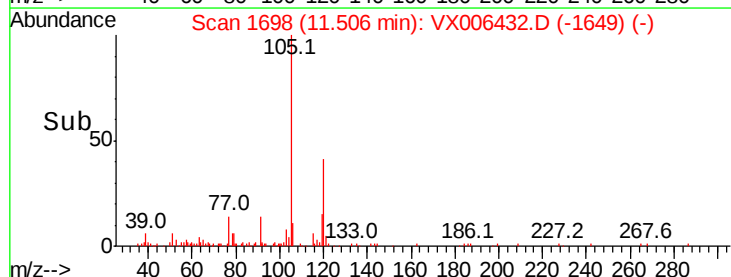
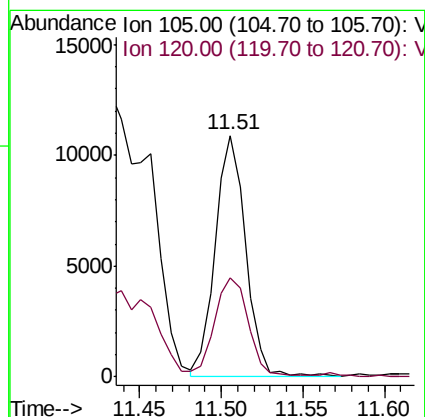
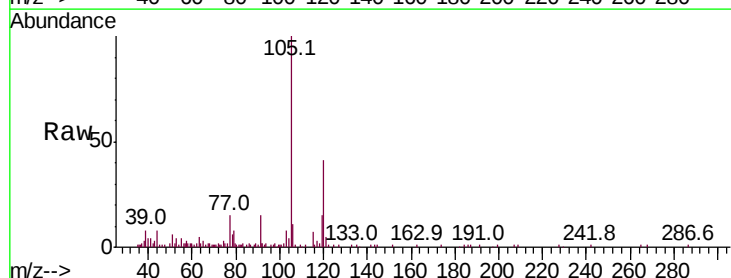
Acq: 11 Dec 2018 20:24

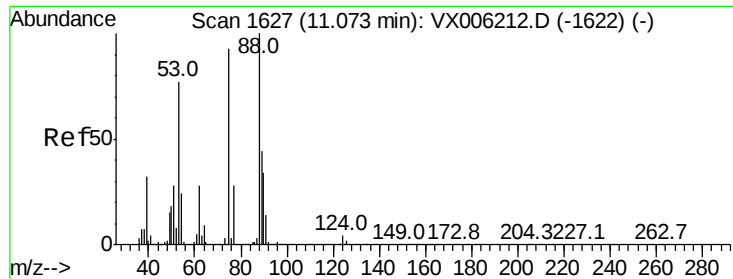
Tgt Ion:105 Resp: 14288

Ion Ratio Lower Upper

105 100

120 44.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.246 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

ClientSampleId :

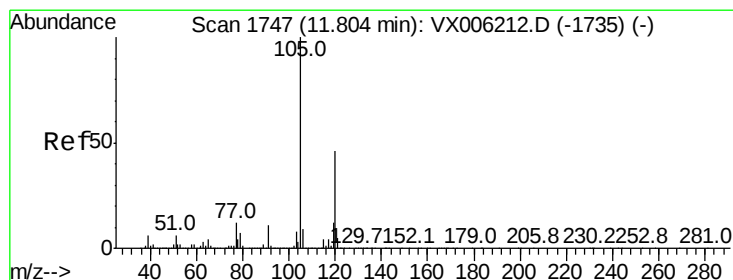
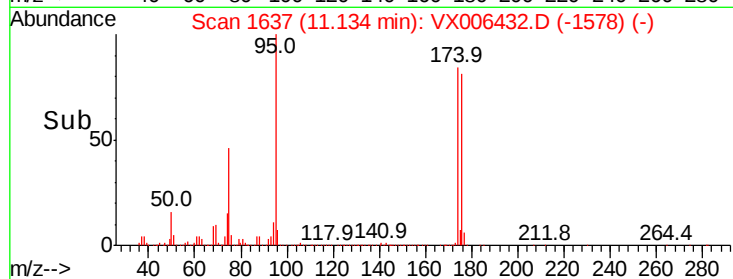
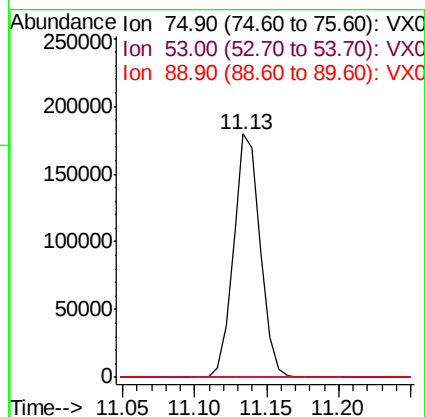
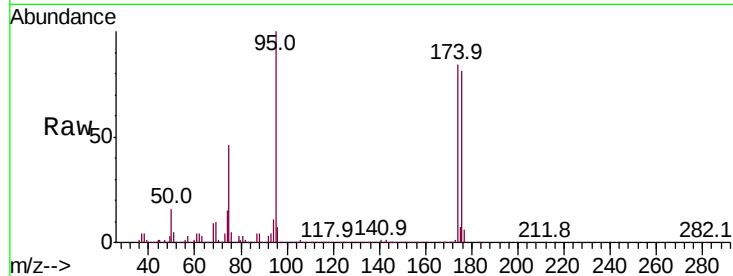
Tot Ion: 75 Resp: 232062

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



#84

1,2,4-Trimethylbenzene

Concen: 1.368 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006432.D

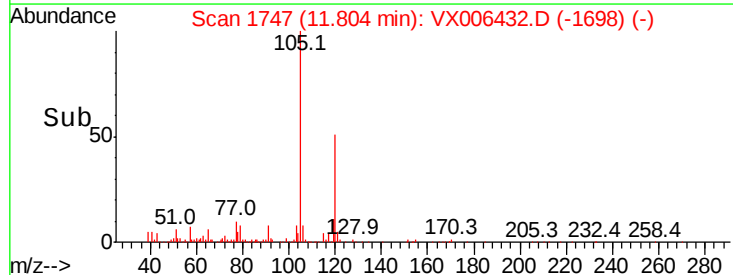
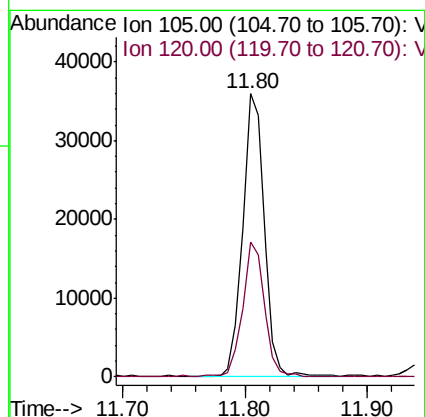
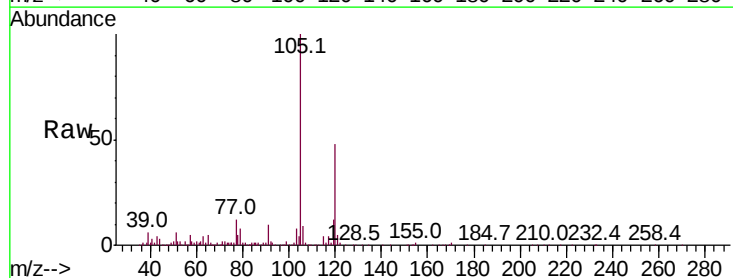
Acq: 11 Dec 2018 20:24

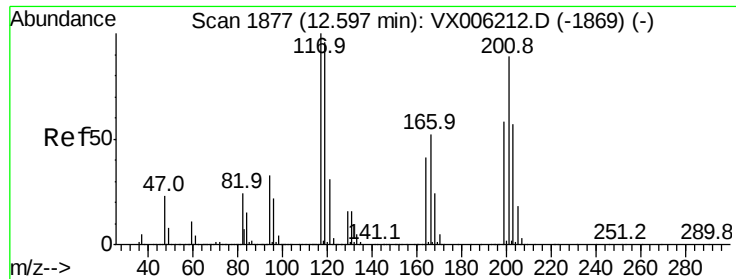
Tgt Ion: 105 Resp: 43844

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.0





#90

Hexachloroethane

Concen: 0.261 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA\_X

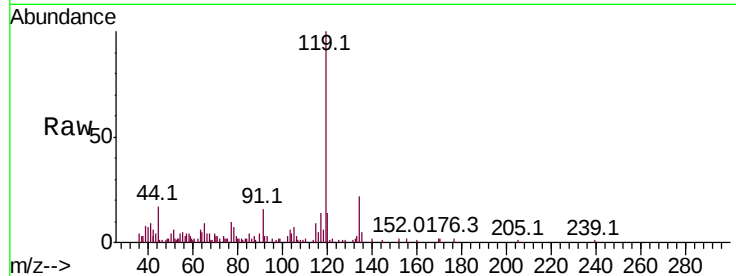
ClientSampleId :

Tot Ion:117 Resp: 1804

Ion Ratio Lower Upper

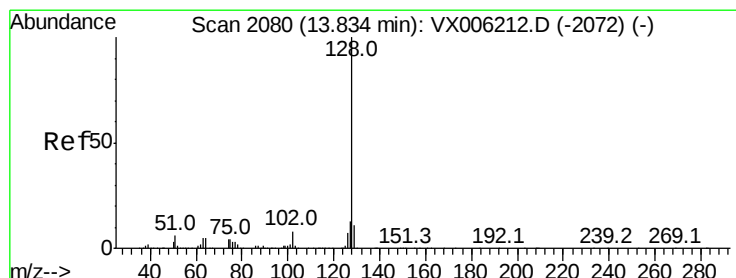
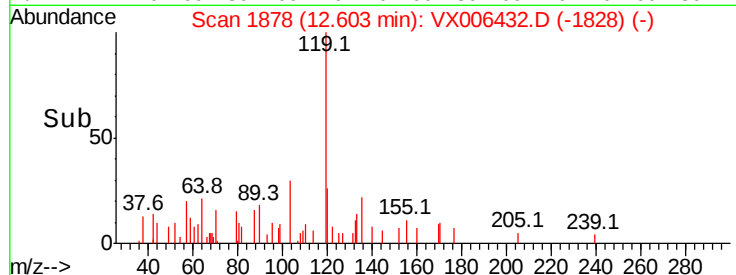
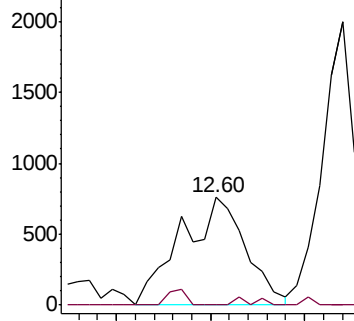
117 100

201 2.2 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 10.119 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

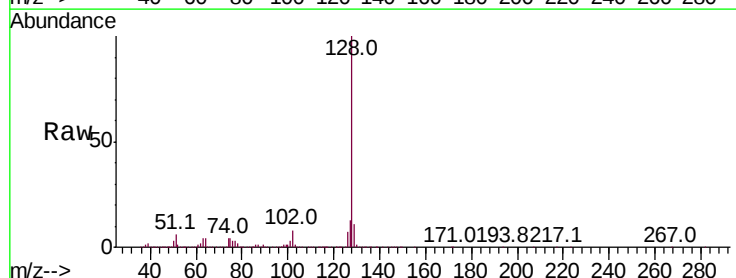
Tgt Ion:128 Resp: 419698

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.9 13.3



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

