

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
 Data File : VX005880.D  
 Acq On : 10 Nov 2018 00:24  
 Operator : JC/MD  
 Sample : J5889-03  
 Misc : 13.06µ/5mL/100µL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

Quant Time: Nov 11 23:56:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 128901   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 182484   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 152381   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 81773    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 69411    | 46.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.68%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 55334    | 44.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.16%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 198826   | 48.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.36%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 77046    | 51.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.86% |          |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 5) Bromomethane               | 1.64  | 94   | 499      | 0.533   | ug/l   | 83     |
| 11) Tert butyl alcohol        | 3.03  | 59   | 1621     | 3.819   | ug/l # | 72     |
| 13) Acrolein                  | 2.34  | 56   | 4581     | 40.061  | ug/l # | 78     |
| 14) Allyl chloride            | 2.80  | 41   | 10443    | 4.104   | ug/l # | 67     |
| 15) Acrylonitrile             | 3.14  | 53   | 1697     | 1.929   | ug/l # | 40     |
| 16) Acetone                   | 2.35  | 43   | 13873    | 17.387  | ug/l # | 54     |
| 18) Methyl Acetate            | 2.81  | 43   | 30094    | 12.976  | ug/l # | 64     |
| 20) Methylene Chloride        | 2.84  | 84   | 573      | 0.437   | ug/l # | 1      |
| 25) 2-Butanone                | 4.74  | 43   | 1044     | 0.832   | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.20  | 42   | 572      | 0.710   | ug/l # | 1      |
| 30) Chloroform                | 5.26  | 83   | 802      | 0.350   | ug/l # | 61     |
| 31) Cyclohexane               | 5.56  | 56   | 50178    | 24.306  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 5.65  | 75   | 8520     | 4.843   | ug/l # | 48     |
| 38) Carbon Tetrachloride      | 5.65  | 117  | 10892    | 6.185   | ug/l # | 16     |
| 39) Methylcyclohexane         | 7.45  | 83   | 29030    | 16.282  | ug/l   | 87     |
| 40) Benzene                   | 6.14  | 78   | 96646    | 18.845  | ug/l   | 99     |
| 42) 1,2-Dichloroethane        | 6.13  | 62   | 829      | 0.451   | ug/l # | 75     |
| 43) Isopropyl Acetate         | 6.33  | 43   | 22055    | 6.579   | ug/l # | 63     |
| 47) Bromodichloromethane      | 7.84  | 83   | 702      | 0.476   | ug/l # | 1      |
| 48) Methyl methacrylate       | 7.73  | 41   | 3922     | 2.606   | ug/l # | 54     |
| 51) 4-Methyl-2-Pentanone      | 8.67  | 43   | 6095     | 2.885   | ug/l # | 59     |
| 52) Toluene                   | 8.79  | 92   | 636432   | 222.045 | ug/l   | 99     |
| 55) 1,1,2-Trichloroethane     | 9.16  | 97   | 15947    | 12.484  | ug/l # | 17     |
| 56) Ethyl methacrylate        | 9.16  | 69   | 4353     | 2.277   | ug/l # | 4      |
| 58) 2-Chloroethyl Vinyl ether | 8.31  | 63   | 46       | 8.321   | ug/l # | 48     |
| 59) 2-Hexanone                | 9.55  | 43   | 10212    | 5.484   | ug/l # | 42     |
| 67) Ethyl Benzene             | 10.26 | 91   | 339075   | 69.269  | ug/l   | 99     |
| 68) m/p-Xylenes               | 10.36 | 106  | 531936   | 284.891 | ug/l   | 99     |
| 69) o-Xylene                  | 10.70 | 106  | 197305   | 117.845 | ug/l   | 100    |
| 70) Styrene                   | 10.70 | 104  | 9938     | 3.598   | ug/l # | 1      |
| 73) Isopropylbenzene          | 11.02 | 105  | 74680    | 15.792  | ug/l   | 99     |
| 74) N-amyl acetate            | 10.91 | 43   | 20047    | 8.617   | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83   | 14575    | 8.397   | ug/l # | 31     |
| 76) 1,2,3-Trichloropropane    | 11.36 | 75   | 1752     | 1.052   | ug/l # | 1      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
 Data File : VX005880.D  
 Acq On : 10 Nov 2018 00:24  
 Operator : JC/MD  
 Sample : J5889-03  
 Misc : 13.06g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

Quant Time: Nov 11 23:56:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

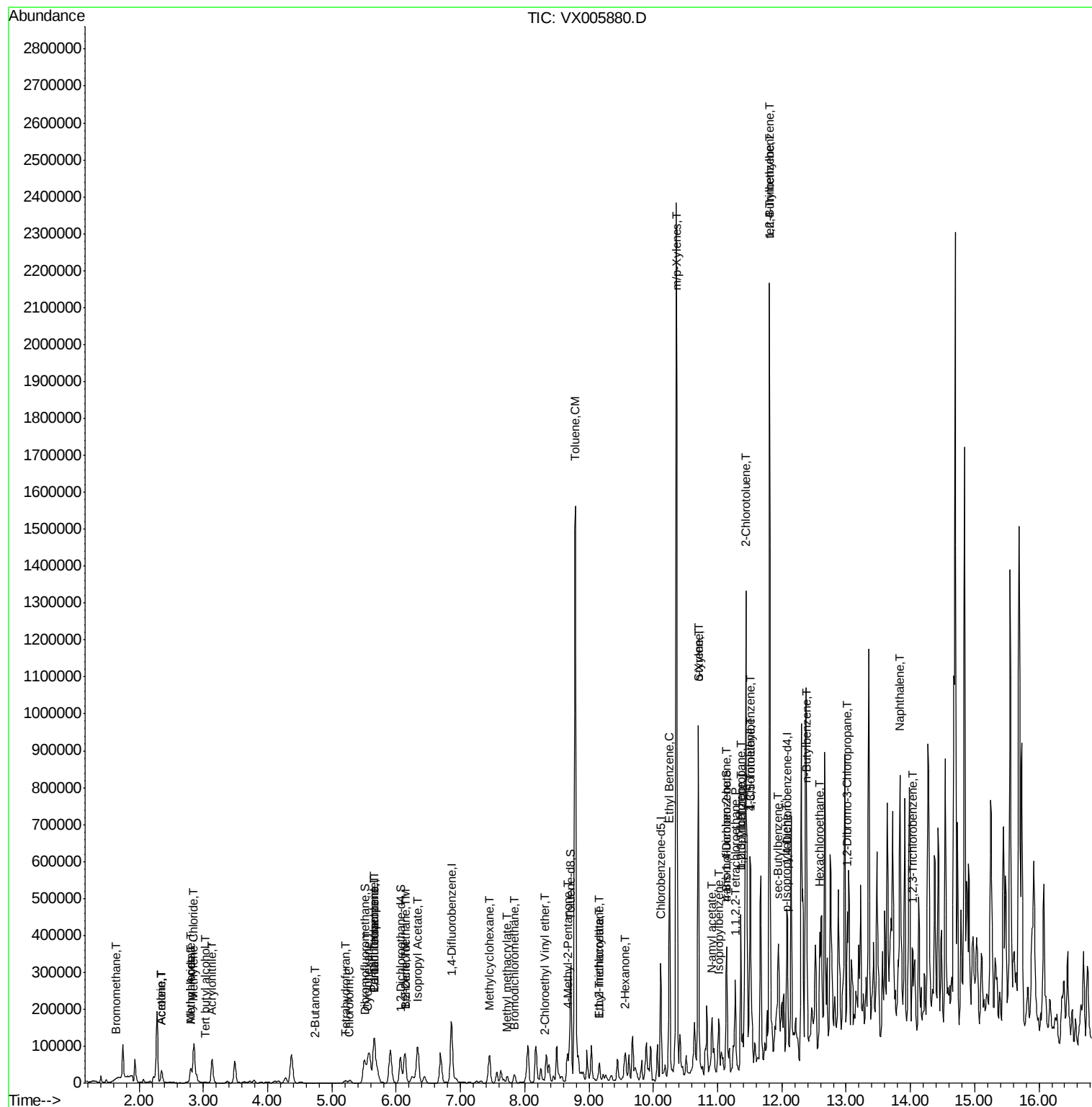
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 78) n-propylbenzene            | 11.36 | 91   | 264999   | 47.550  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.44 | 91   | 99060    | 29.407  | ug/l # | 41       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 239840   | 59.683  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 37116    | 71.045  | ug/l # | 11       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 25434    | 6.407   | ug/l # | 46       |
| 83) tert-Butylbenzene          | 11.81 | 119  | 108465   | 26.680  | ug/l # | 59       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 859163   | 194.078 | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 92557    | 18.618  | ug/l # | 76       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 15368    | 3.490   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 142351   | 34.879  | ug/l # | 50       |
| 90) Hexachloroethane           | 12.59 | 117  | 12773    | 17.373  | ug/l # | 2        |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 1213     | 2.864   | ug/l # | 1        |
| 95) Naphthalene                | 13.83 | 128  | 434252   | 73.253  | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene     | 14.04 | 180  | 1765     | 0.960   | ug/l # | 1        |

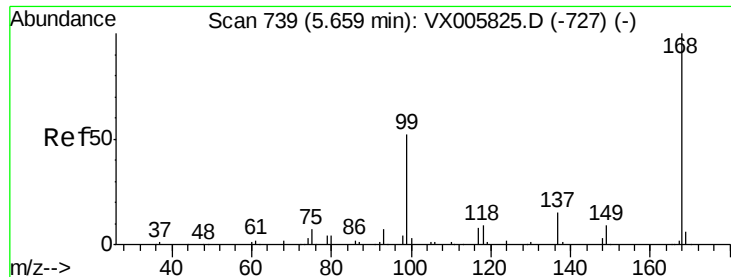
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Quant Time: Nov 11 23:56:50 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

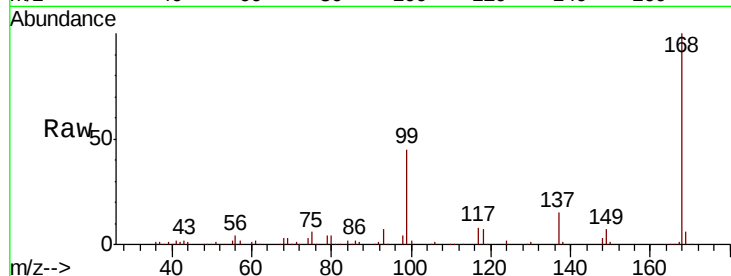
WALL-C

Tot Ion:168 Resp: 128901

Ion Ratio Lower Upper

168 100

99 45.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

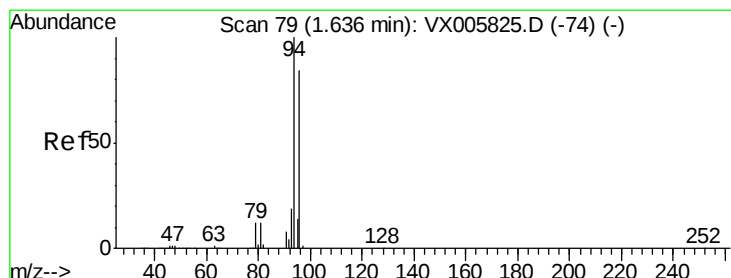
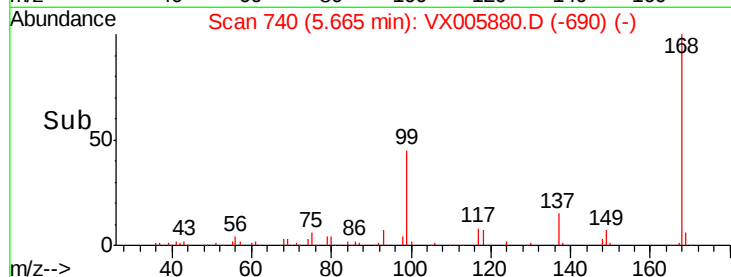
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005880.D

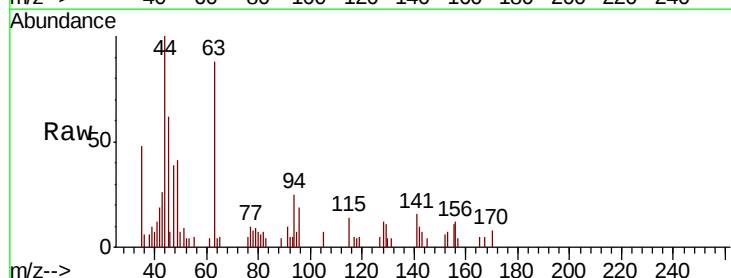
Acq: 10 Nov 2018 00:24

Tgt Ion: 94 Resp: 499

Ion Ratio Lower Upper

94 100

96 78.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

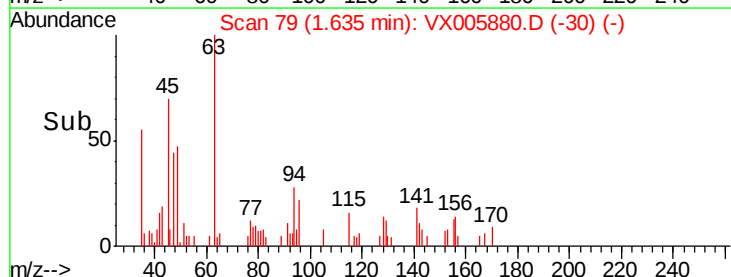
200

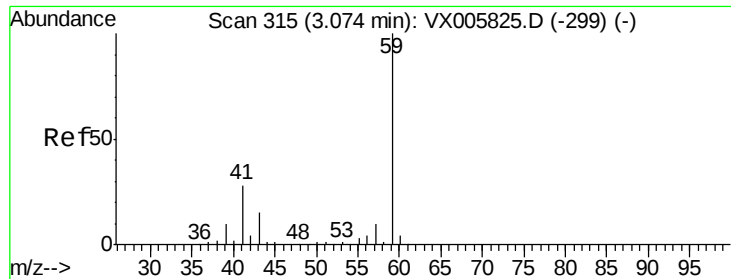
100

0

Time-->

1.60 1.65

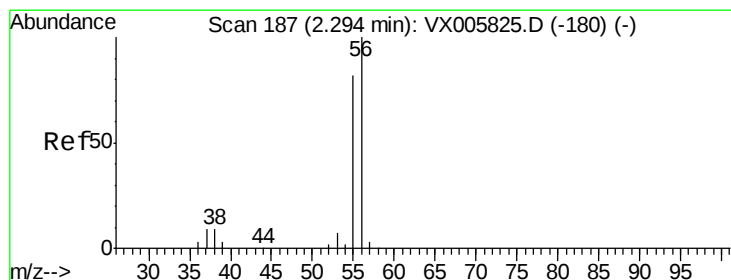
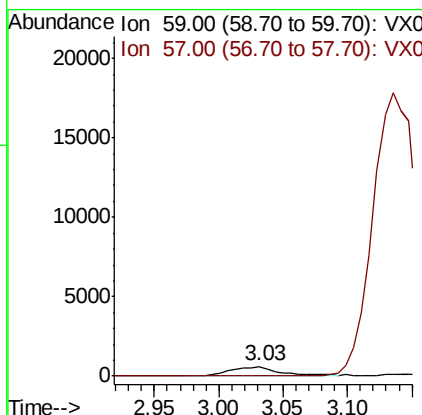
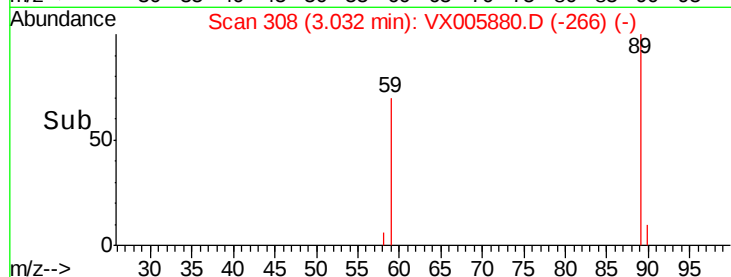
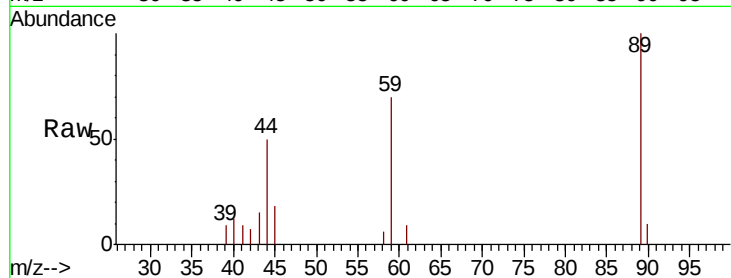




#11  
Tert butyl alcohol  
Concen: 3.819 ug/l  
RT: 3.03 min Scan# 308  
Delta R.T. -0.04 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

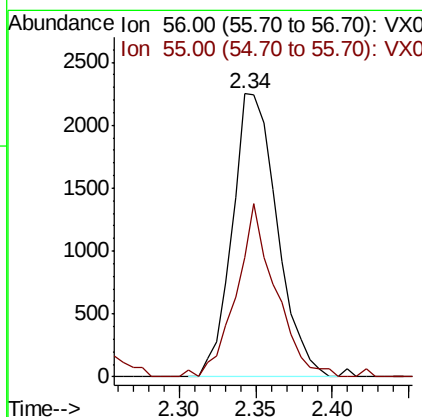
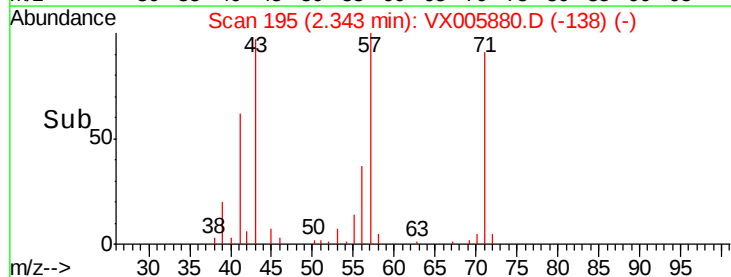
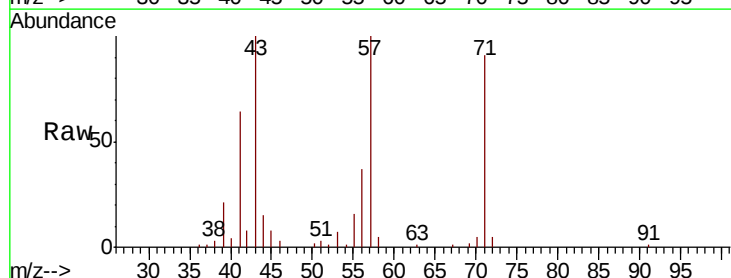
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

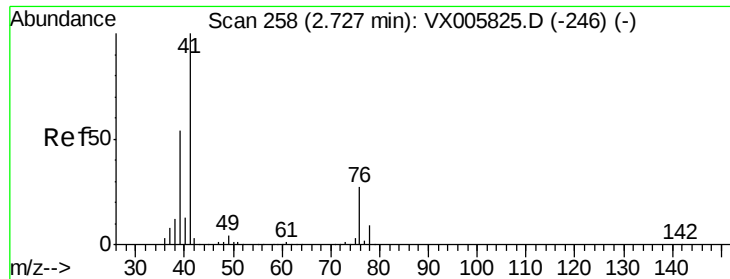
Tot Ion: 59 Resp: 1621  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.5 12.7#



#13  
Acrolein  
Concen: 40.061 ug/l  
RT: 2.34 min Scan# 195  
Delta R.T. 0.05 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 56 Resp: 4581  
Ion Ratio Lower Upper  
56 100  
55 53.5 57.3 85.9#

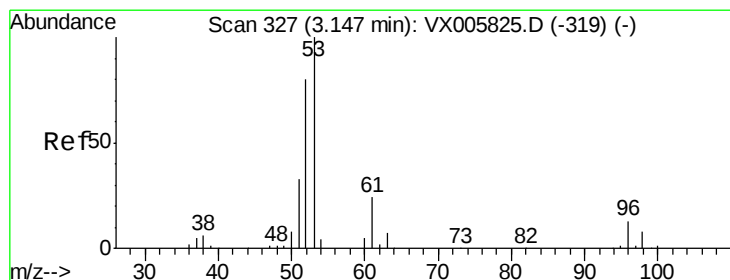
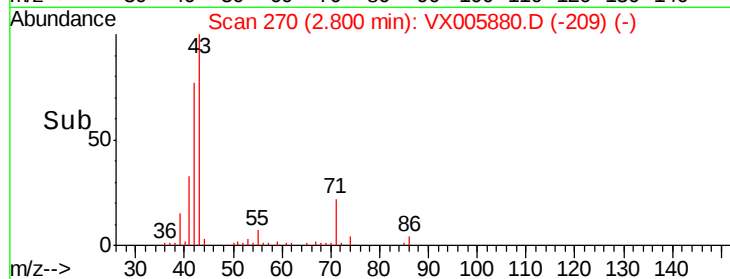
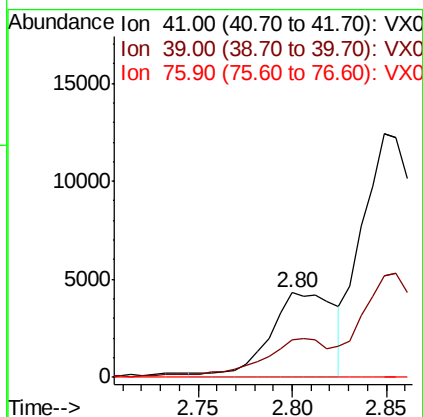
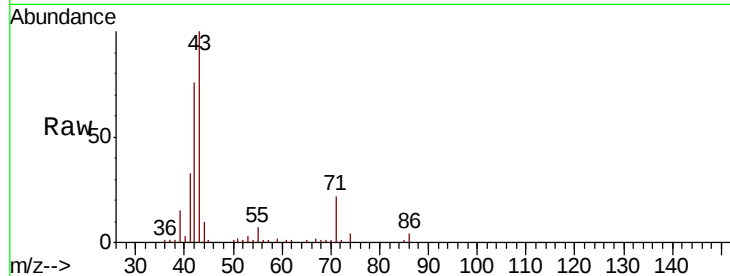




#14  
Allvl chloride  
Concen: 4.104 ug/l  
RT: 2.80 min Scan# 270  
Delta R.T. 0.07 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

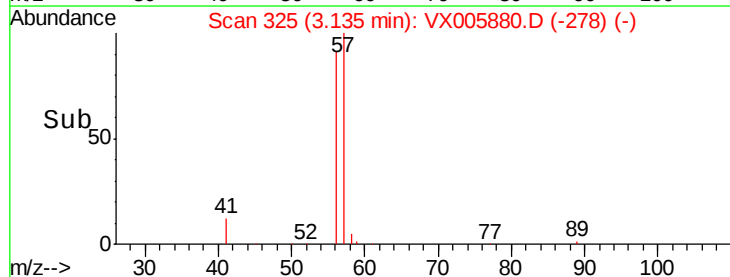
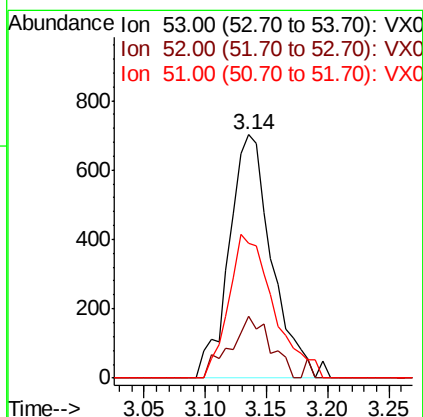
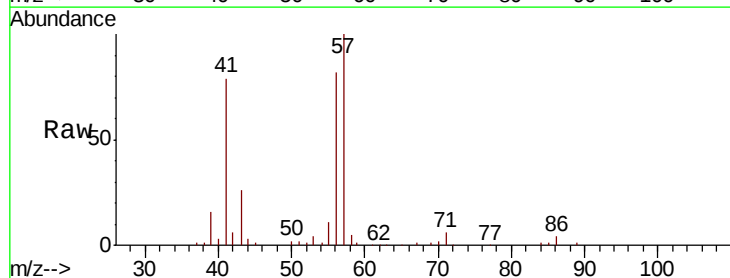
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

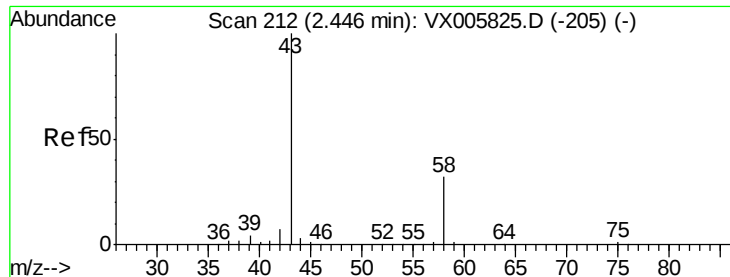
Tot Ion: 41 Resp: 10443  
Ion Ratio Lower Upper  
41 100  
39 42.4 48.2 72.4#  
76 0.0 21.9 32.9#



#15  
Acrylonitrile  
Concen: 1.929 ug/l  
RT: 3.14 min Scan# 325  
Delta R.T. -0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 53 Resp: 1697  
Ion Ratio Lower Upper  
53 100  
52 23.9 66.6 99.8#  
51 62.1 28.4 42.6#





#16

Acetone

Concen: 17.387 ug/l

RT: 2.35 min Scan# 196

Delta R.T. -0.10 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampled :

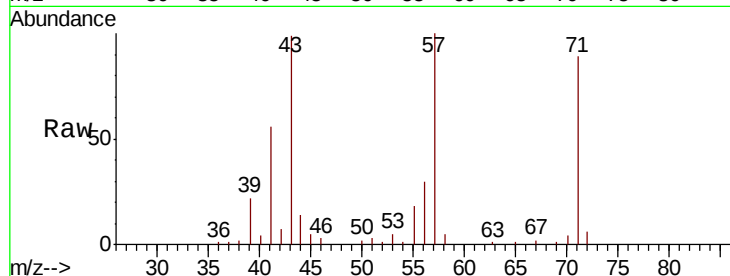
WALL-C

Tot Ion: 43 Resp: 13873

Ion Ratio Lower Upper

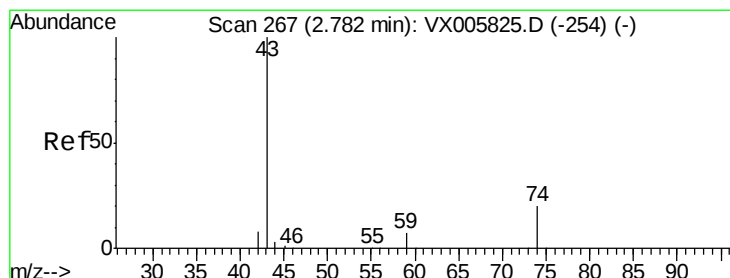
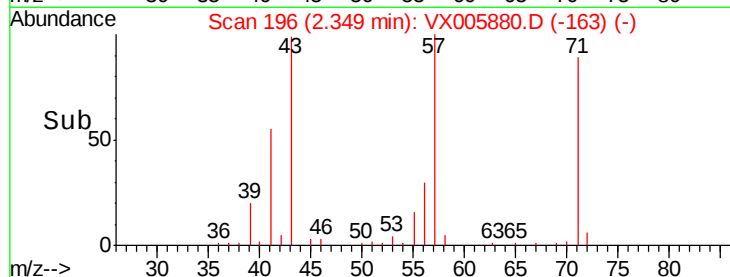
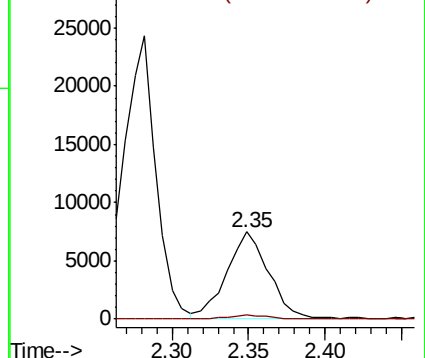
43 100

58 4.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 12.976 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.02 min

Lab File: VX005880.D

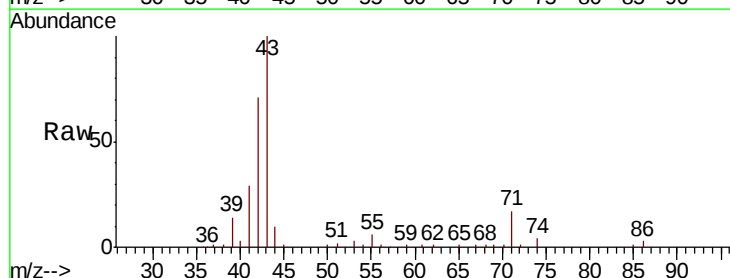
Acq: 10 Nov 2018 00:24

Tgt Ion: 43 Resp: 30094

Ion Ratio Lower Upper

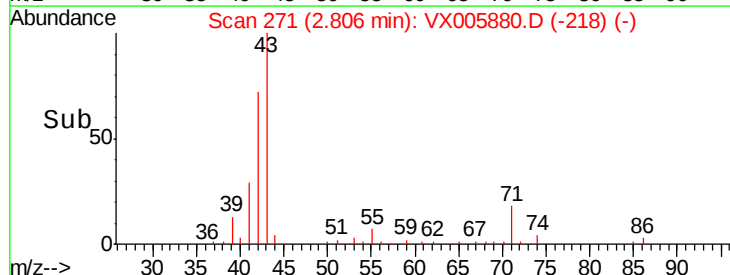
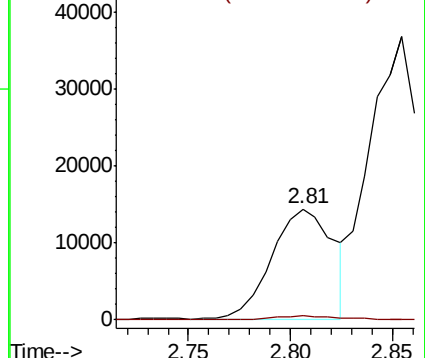
43 100

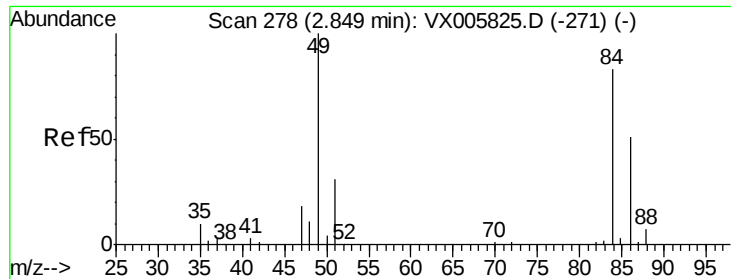
74 4.3 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



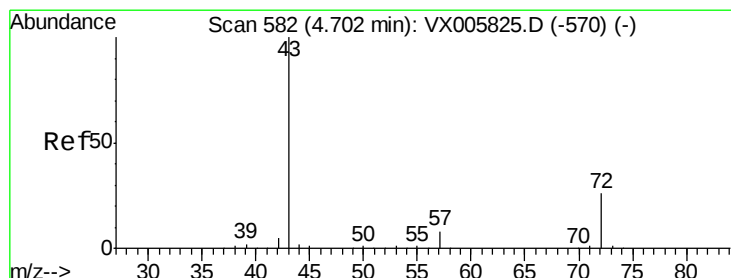
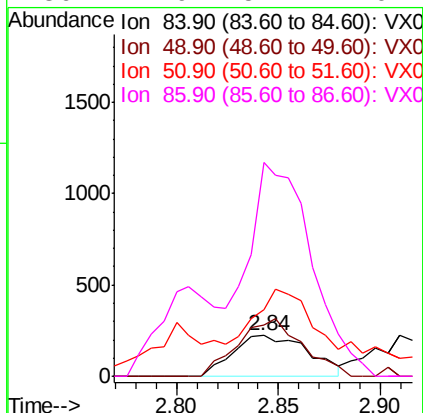
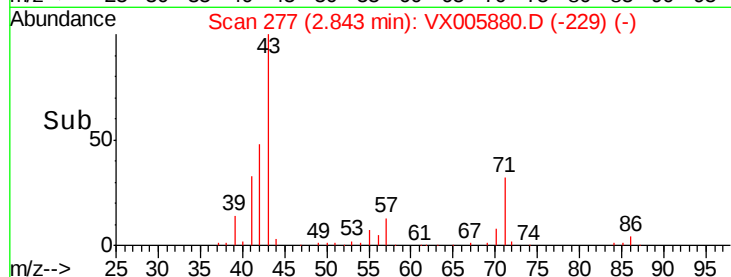
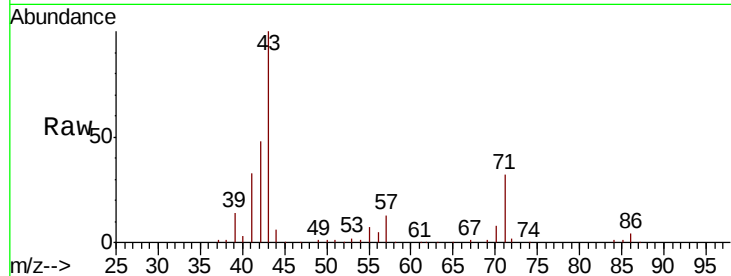


#20  
Methvlene Chloride  
Concen: 0.437 ug/l  
RT: 2.84 min Scan# 277  
Delta R.T. -0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Instrument :  
MSVOA\_X  
ClientSampled :  
WALL-C

Tot Ion: 84 Resp: 573

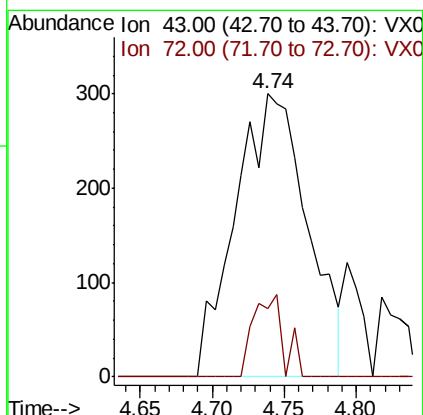
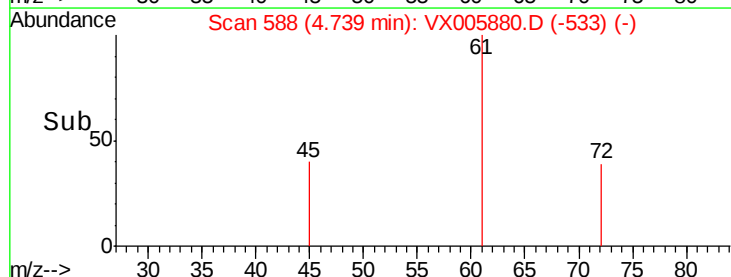
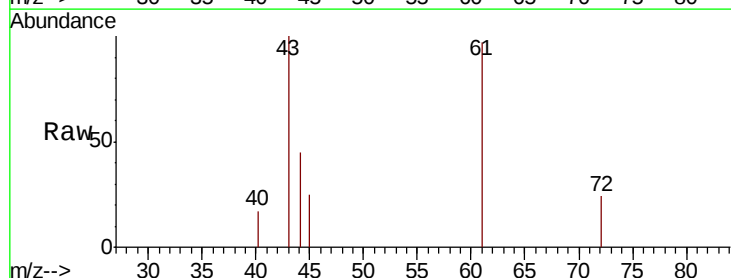
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.0 | 109.5 | 164.3 |
| 51  | 95.1  | 33.3  | 49.9# |
| 86  | 417.9 | 52.7  | 79.1# |

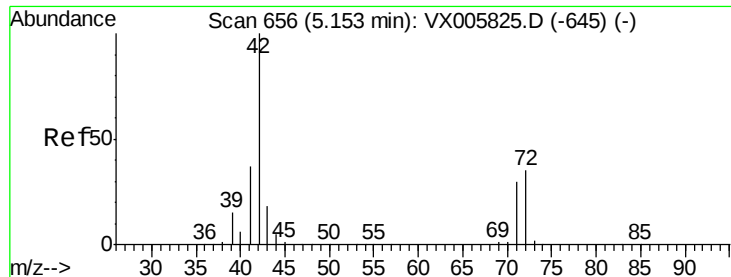


#25  
2-Butanone  
Concen: 0.832 ug/l  
RT: 4.74 min Scan# 588  
Delta R.T. 0.04 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 43 Resp: 1044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 24.3  | 19.2  | 28.8  |

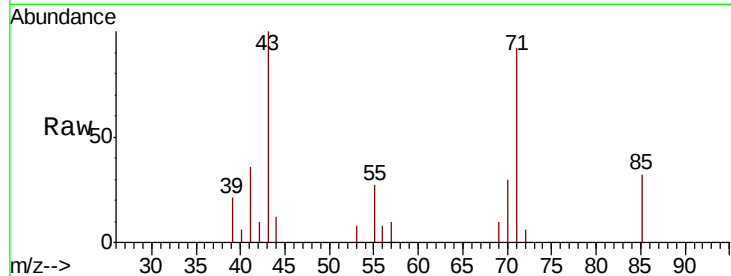




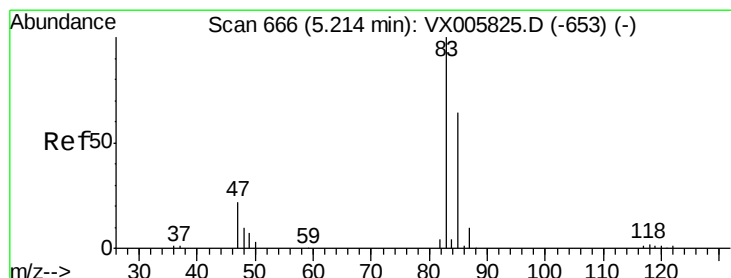
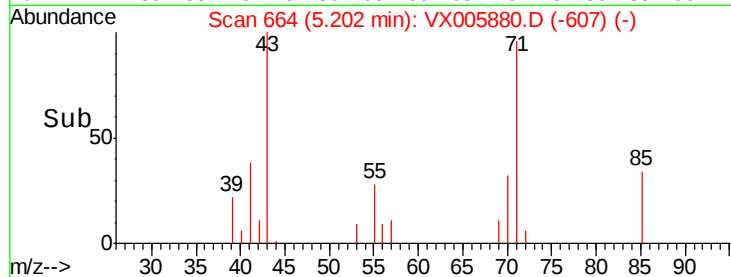
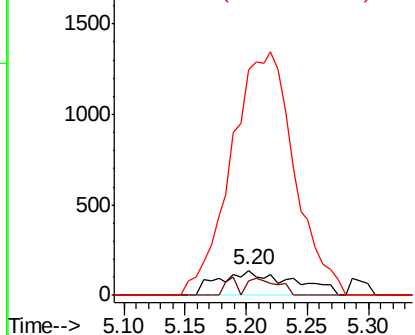
#29  
Tetrahydrofuran  
Concen: 0.710 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.05 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Tot Ion: 42 Resp: 572  
Ion Ratio Lower Upper  
42 100  
72 28.5 32.0 48.0#  
71 842.3 29.8 44.8#

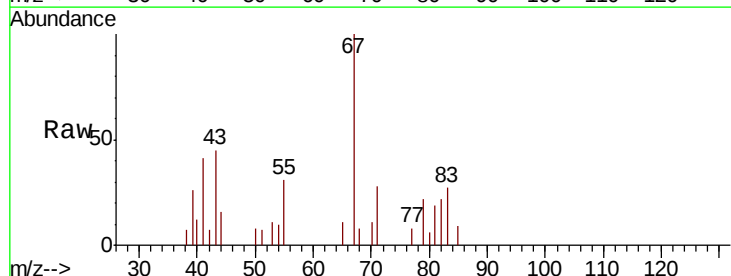


Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

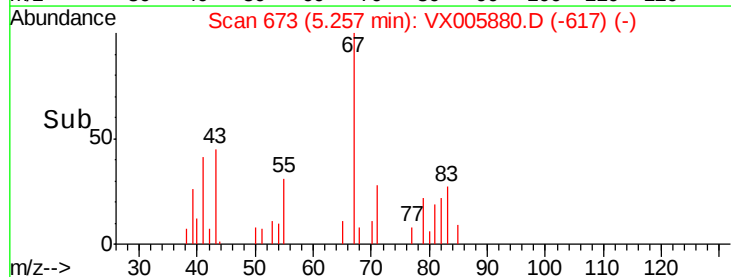
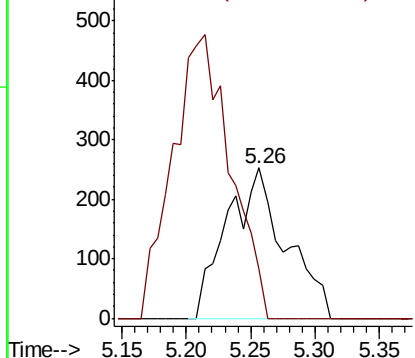


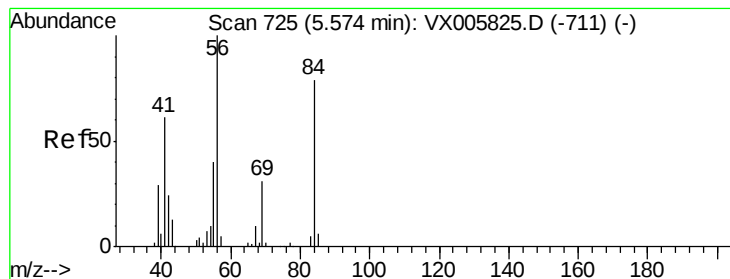
#30  
Chloroform  
Concen: 0.350 ug/l  
RT: 5.26 min Scan# 673  
Delta R.T. 0.04 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 83 Resp: 802  
Ion Ratio Lower Upper  
83 100  
85 32.8 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 24.306 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

WALL-C

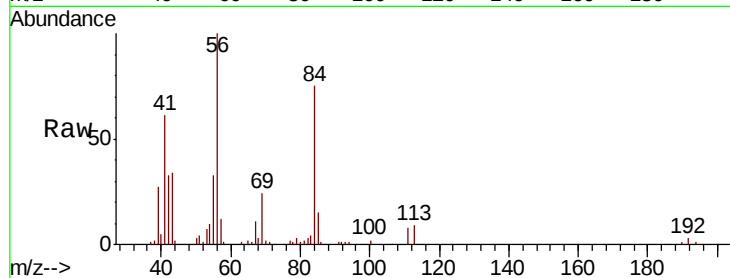
Tot Ion: 56 Resp: 50178

Ion Ratio Lower Upper

56 100

69 23.5 22.6 34.0

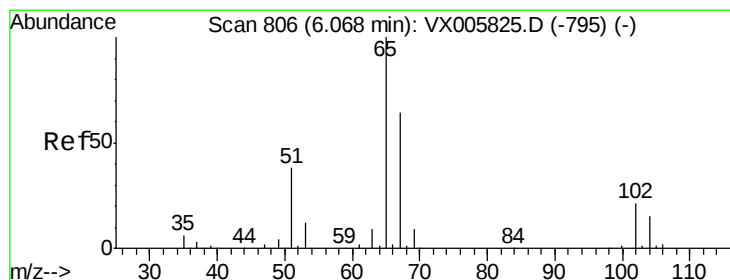
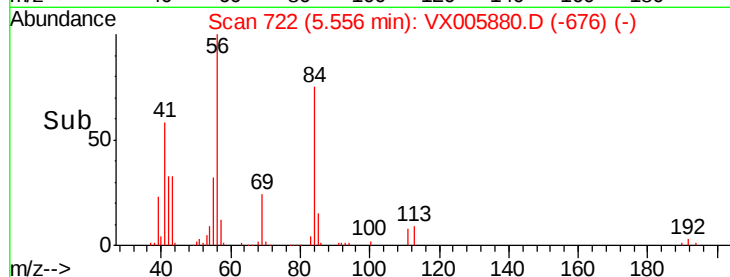
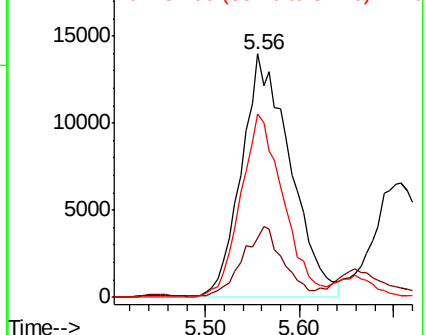
84 75.6 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.840 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005880.D

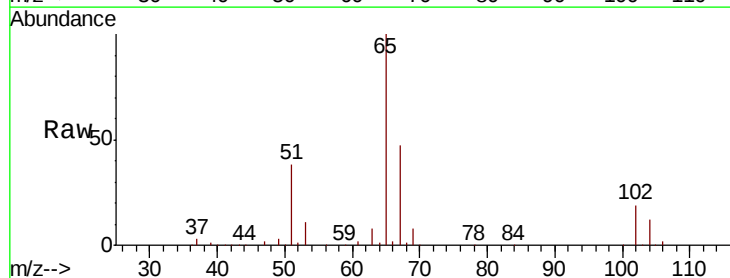
Acq: 10 Nov 2018 00:24

Tgt Ion: 65 Resp: 69411

Ion Ratio Lower Upper

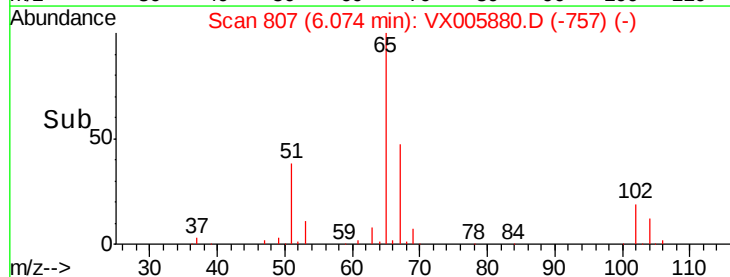
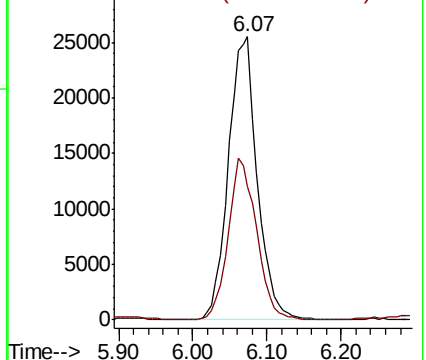
65 100

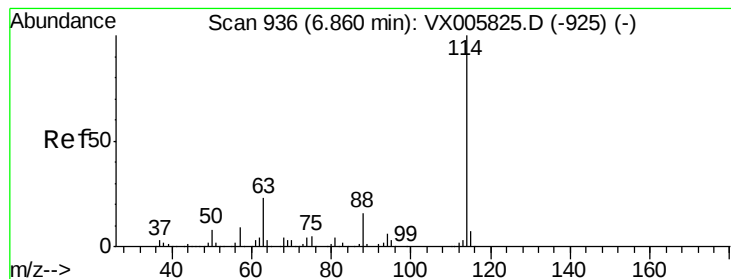
67 56.0 0.0 105.0



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: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

WALL-C

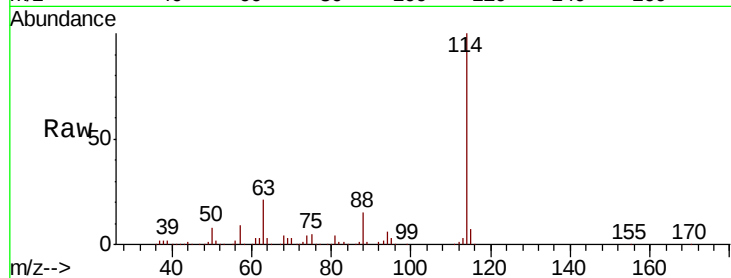
Tot Ion:114 Resp: 182484

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

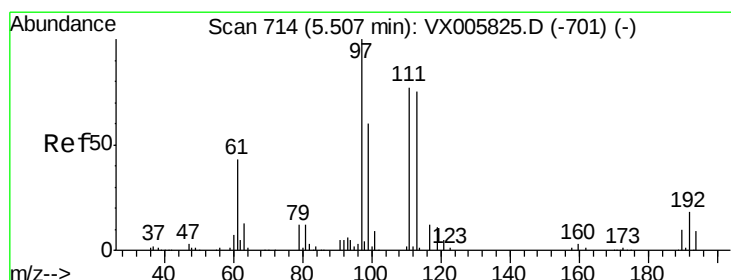
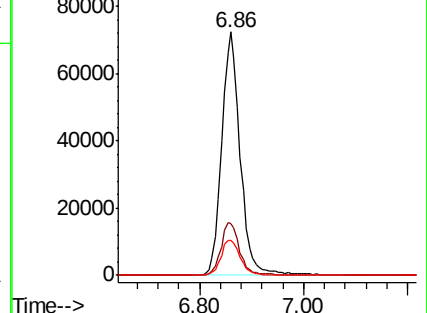
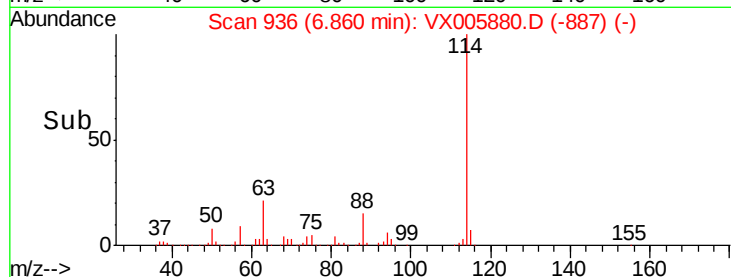
88 14.6 0.0 31.2



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: 44.582 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

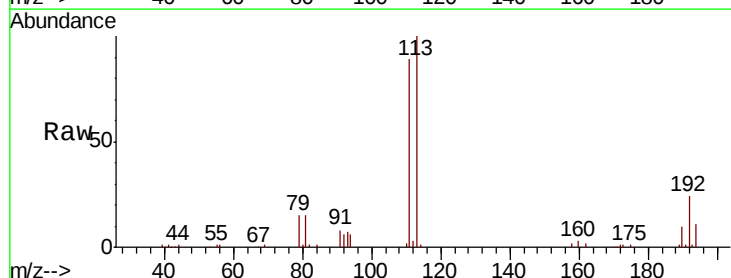
Tgt Ion:113 Resp: 55334

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

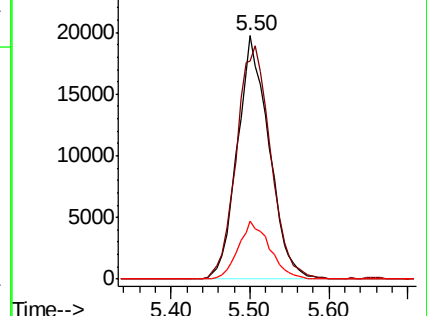
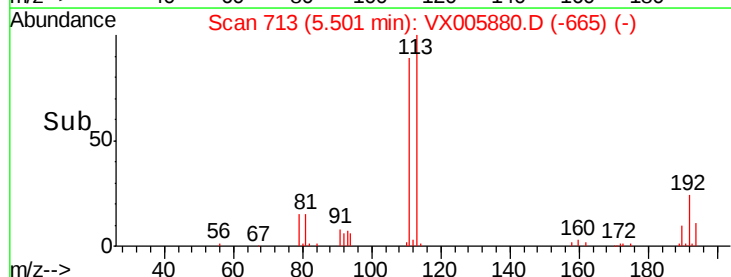
192 23.4 17.9 26.9

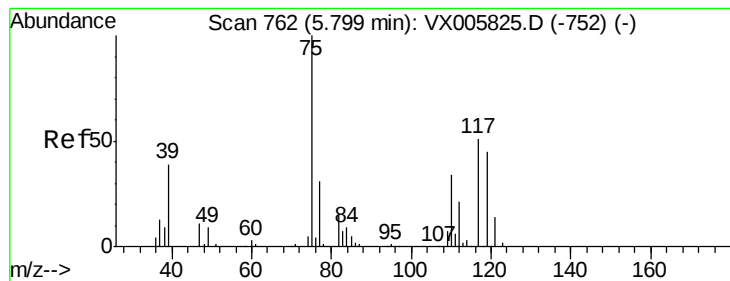


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

WALL-C

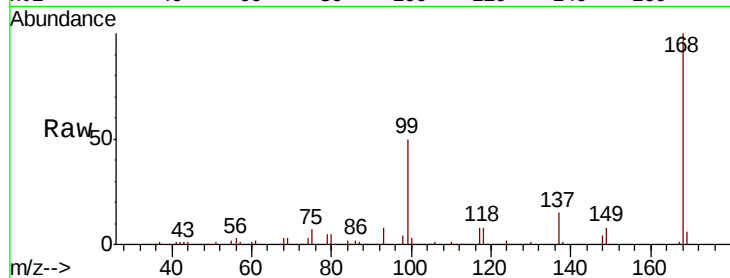
Tot Ion: 75 Resp: 8520

Ion Ratio Lower Upper

75 100

110 7.7 17.4 52.2#

77 0.0 25.8 38.6#



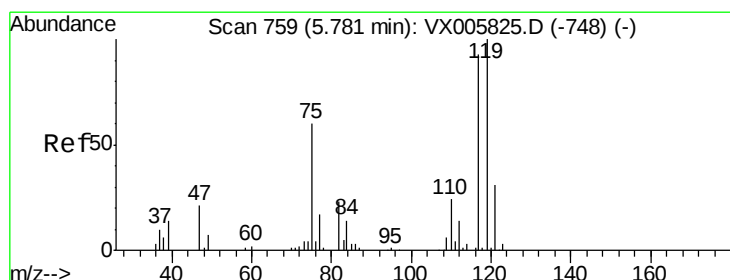
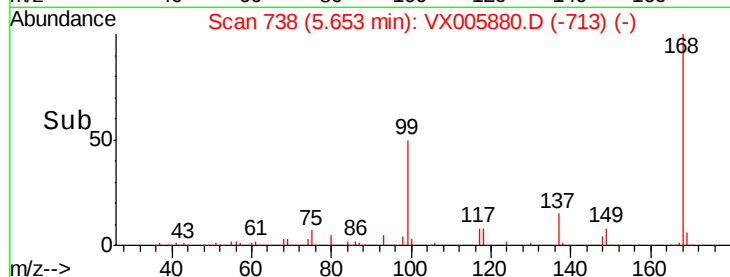
Abundance Ion 74.90 (74.60 to 75.60): VX005880.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX005880.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX005880.D (-713) (-)

5.65

Time-->



#38

Carbon Tetrachloride

Concen: 6.185 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

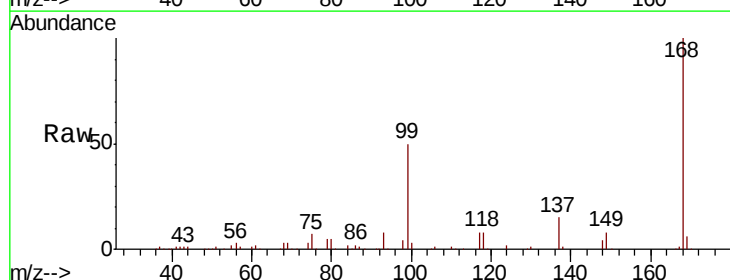
Tgt Ion: 117 Resp: 10892

Ion Ratio Lower Upper

117 100

119 5.5 78.1 117.1#

121 0.0 24.6 36.8#



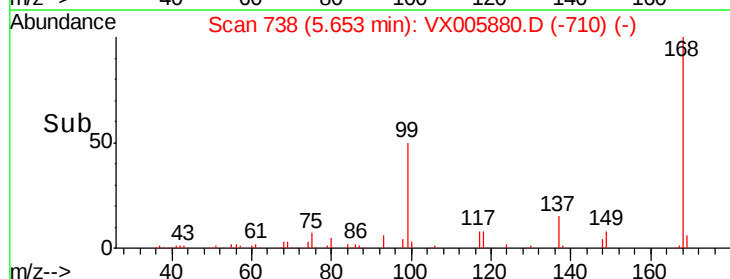
Abundance Ion 116.80 (116.50 to 117.50): VX005880.D (-710) (-)

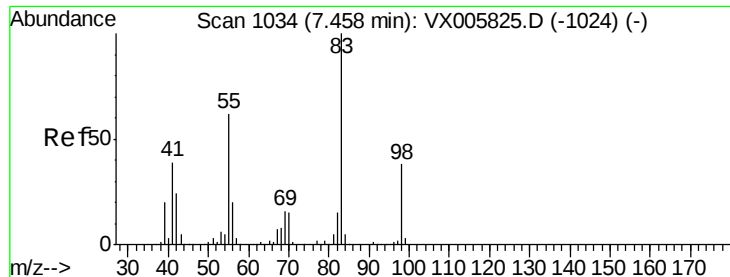
Ion 118.80 (118.50 to 119.50): VX005880.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX005880.D (-710) (-)

5.65

Time-->

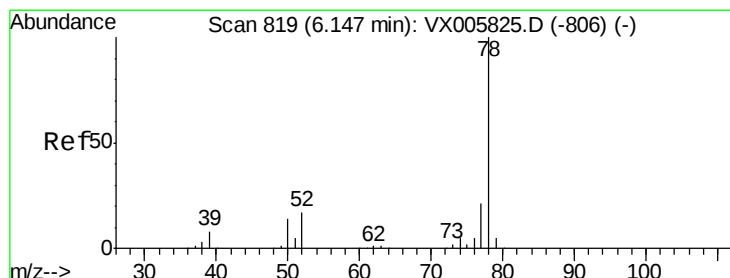
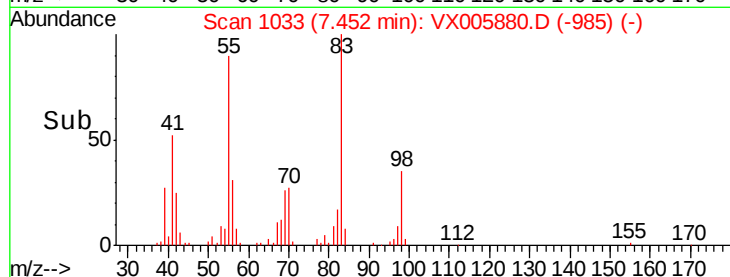
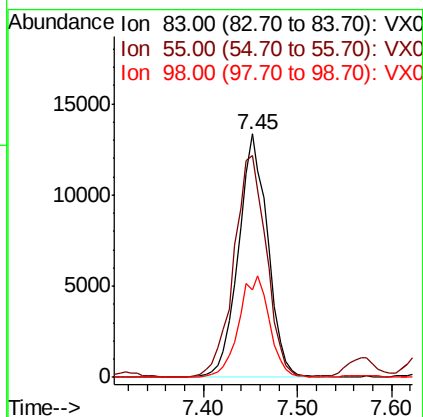
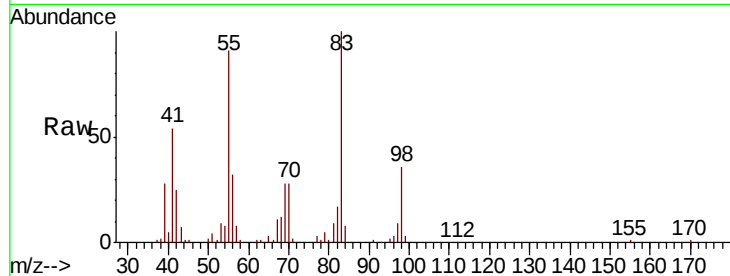




#39  
Methvlcvclohexane  
Concen: 16.282 ug/l  
RT: 7.45 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

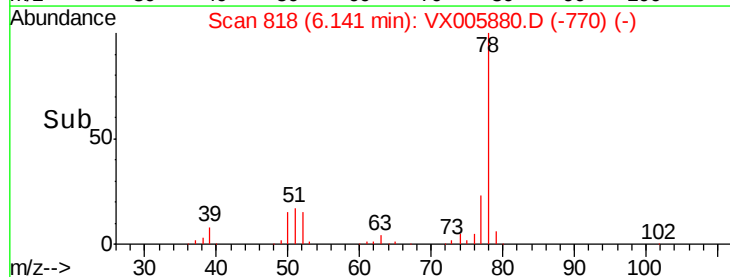
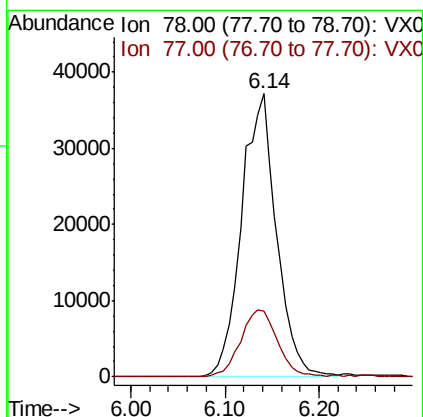
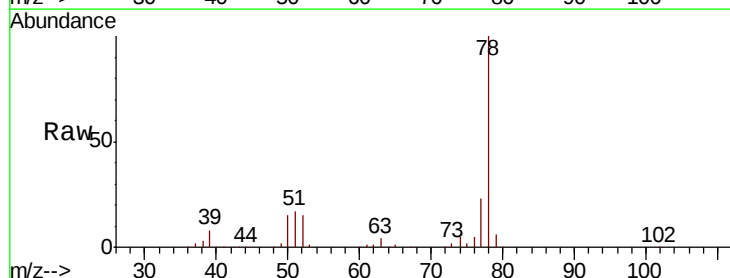
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

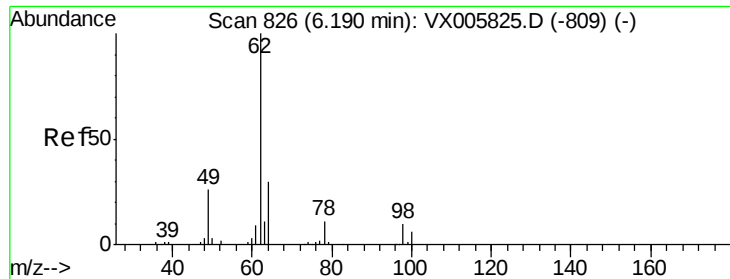
Tot Ion: 83 Resp: 29030  
Ion Ratio Lower Upper  
83 100  
55 90.7 63.7 95.5  
98 36.2 36.2 54.2



#40  
Benzene  
Concen: 18.845 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 78 Resp: 96646  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.4 27.6





#42

1,2-Dichloroethane

Concen: 0.451 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

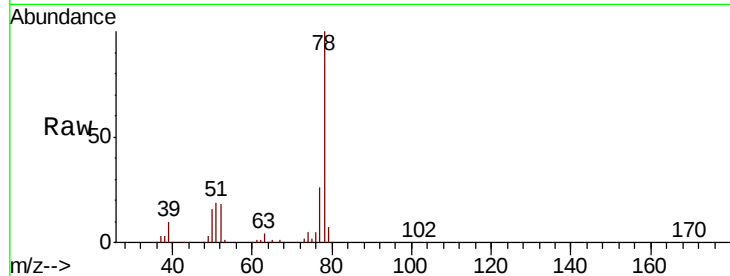
WALL-C

Tot Ion: 62 Resp: 829

Ion Ratio Lower Upper

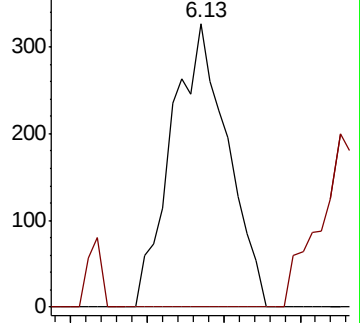
62 100

98 0.0 0.0 17.8

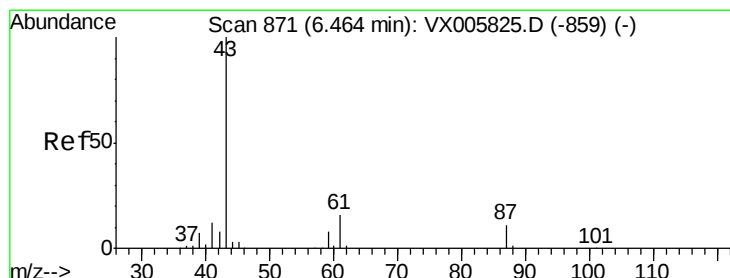
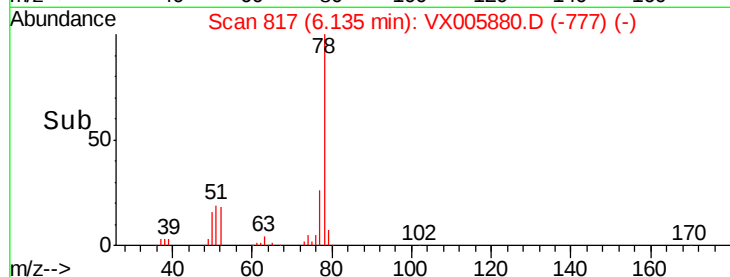


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#43

Isopropyl Acetate

Concen: 6.579 ug/l

RT: 6.33 min Scan# 849

Delta R.T. -0.13 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

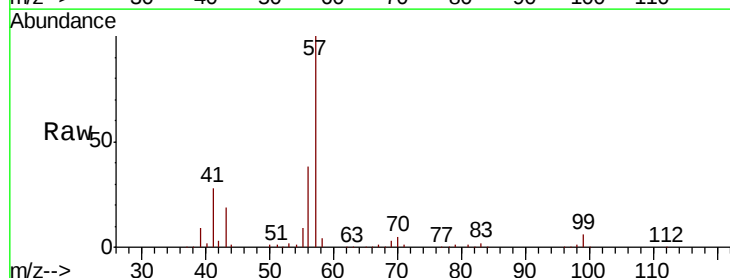
Tgt Ion: 43 Resp: 22055

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

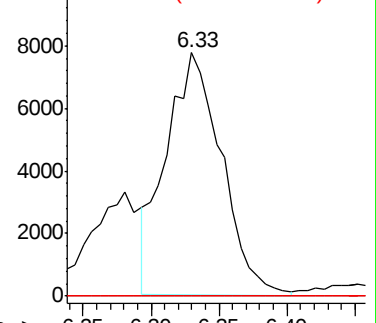
87 0.0 9.6 14.4#



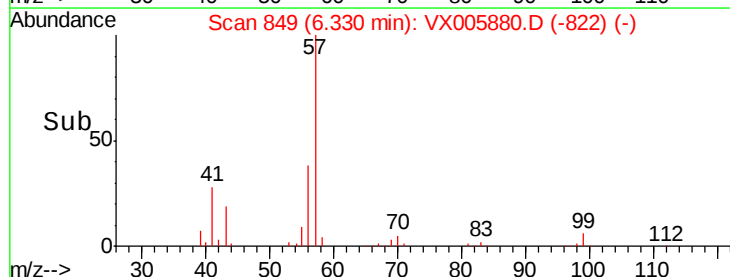
Abundance Ion 43.00 (42.70 to 43.70): VX0

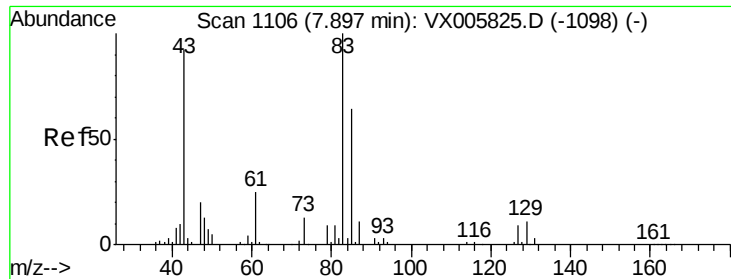
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->





#47

Bromodichloromethane

Concen: 0.476 ug/l

RT: 7.84 min Scan# 1096

Delta R.T. -0.06 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampled :

WALL-C

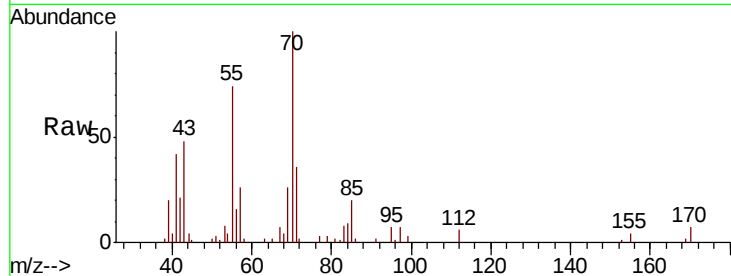
Tot Ion: 83 Resp: 702

Ion Ratio Lower Upper

83 100

85 255.2 50.2 75.4#

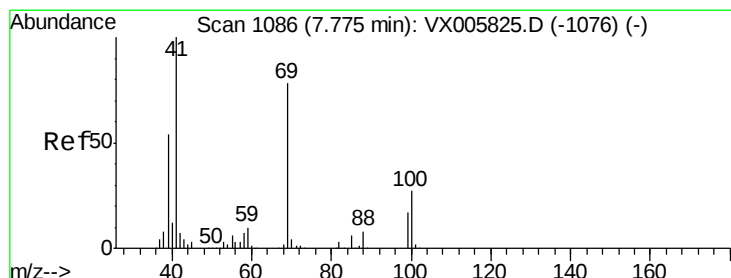
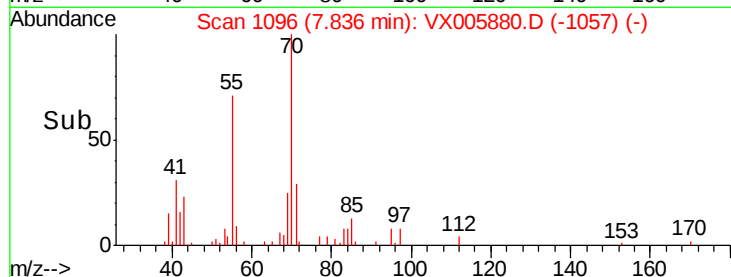
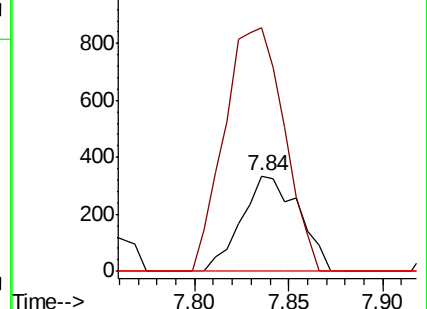
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.606 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

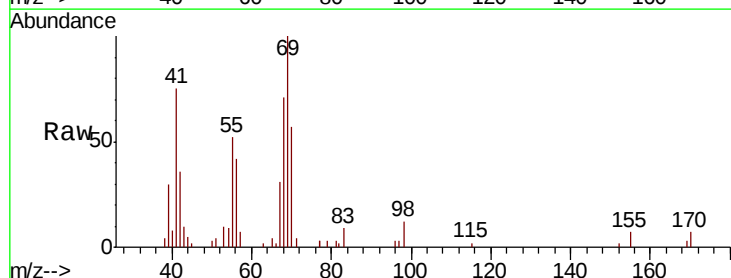
Tgt Ion: 41 Resp: 3922

Ion Ratio Lower Upper

41 100

69 146.0 63.2 94.8#

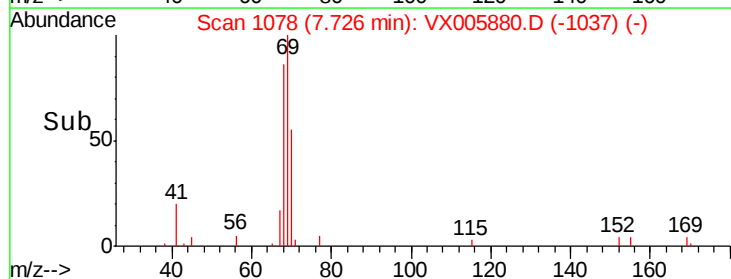
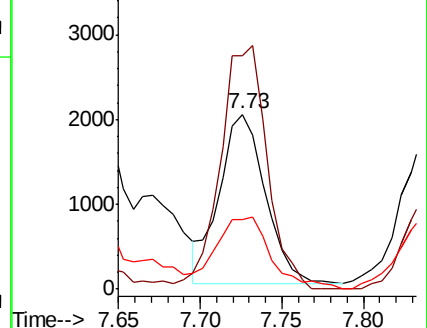
39 52.2 42.2 63.2

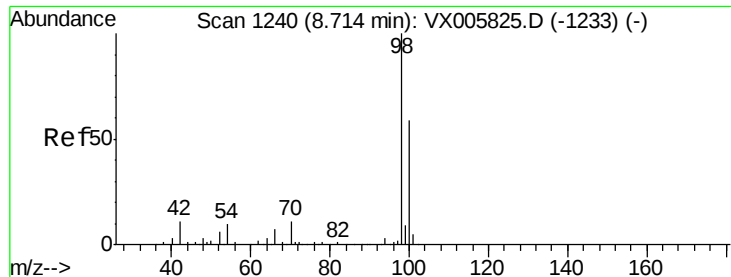


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

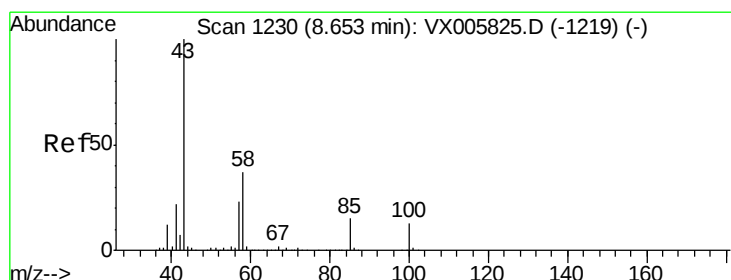
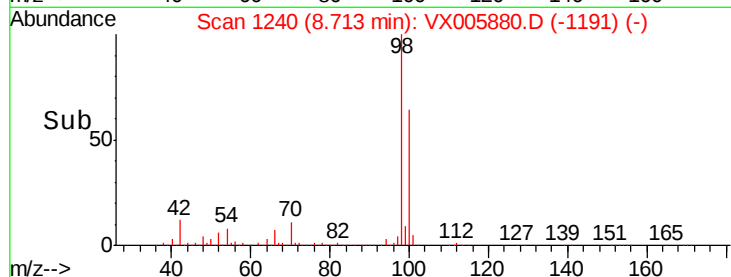
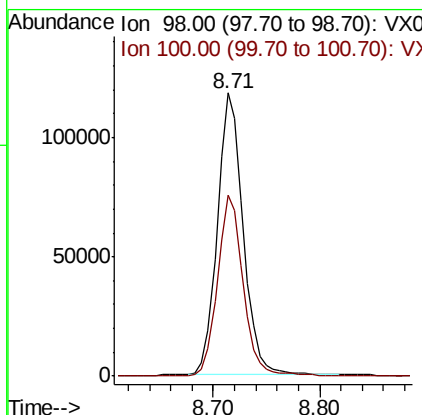
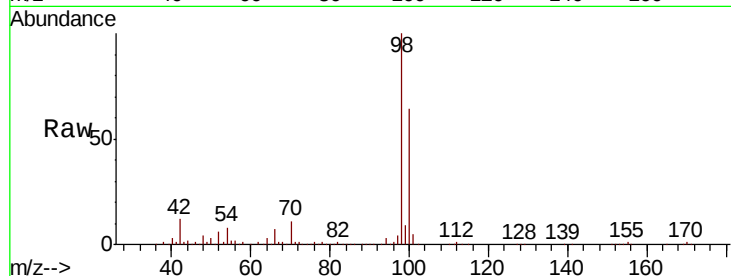




#50  
Toluene-d8  
Concen: 48.184 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

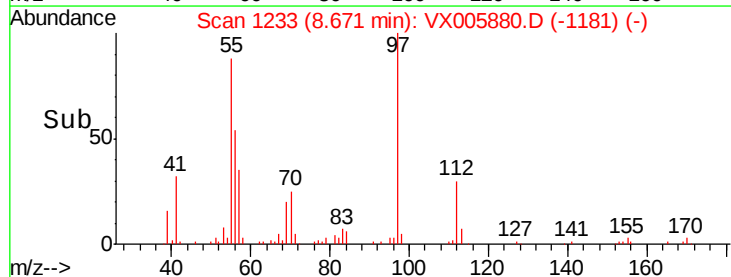
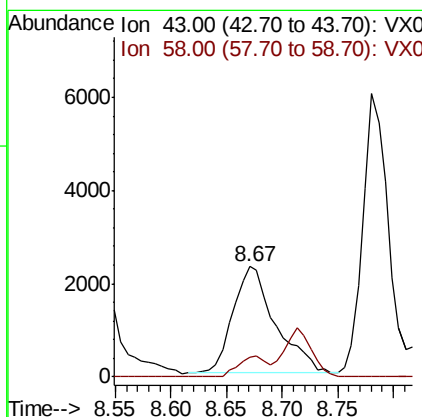
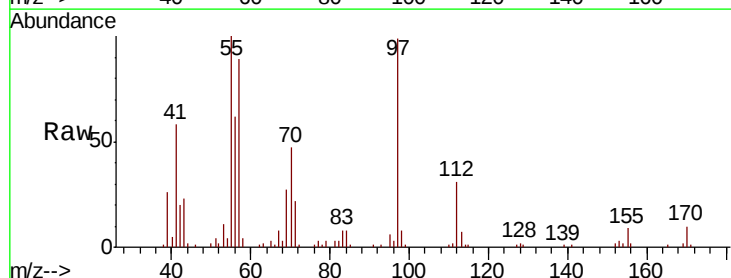
Instrument :  
MSVOA\_X  
ClientSampled :  
WALL-C

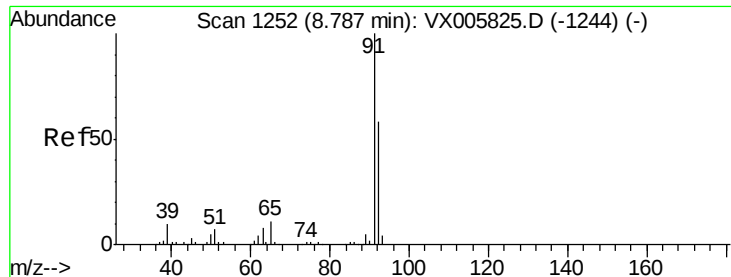
Tot Ion: 98 Resp: 198826  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.3 76.9



#51  
4-Methyl-2-Pentanone  
Concen: 2.885 ug/l  
RT: 8.67 min Scan# 1233  
Delta R.T. 0.02 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 43 Resp: 6095  
Ion Ratio Lower Upper  
43 100  
58 12.8 29.7 44.5#





#52

Toluene

Concen: 222.045 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

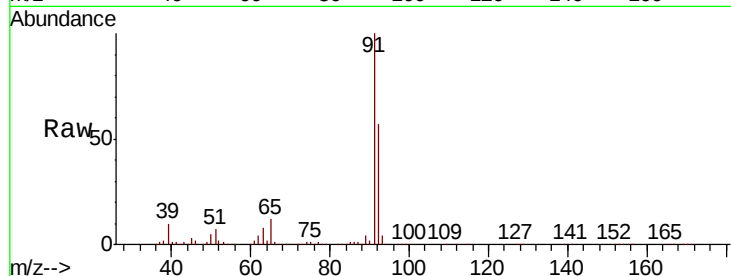
WALL-C

Tot Ion: 92 Resp: 636432

Ion Ratio Lower Upper

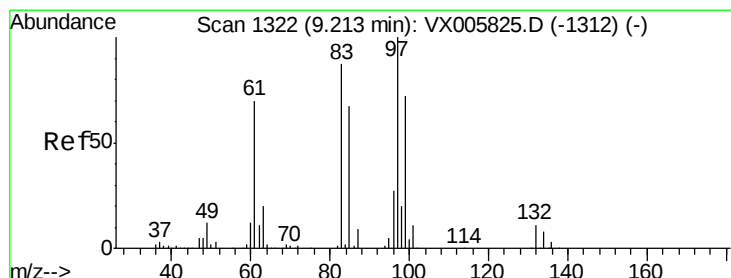
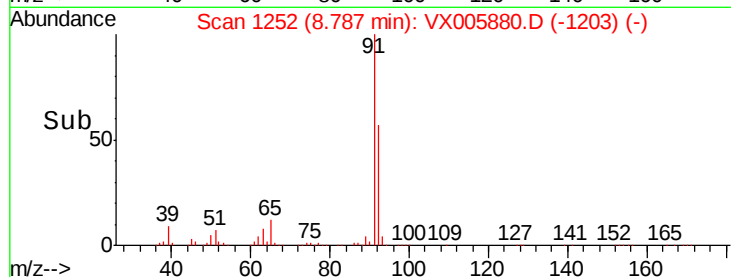
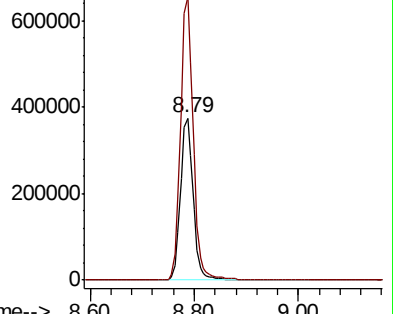
92 100

91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005880.D (-1203) (-)

Ion 91.00 (90.70 to 91.70): VX005880.D (-1203) (-)



#55

1,1,2-Trichloroethane

Concen: 12.484 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Tgt Ion: 97 Resp: 15947

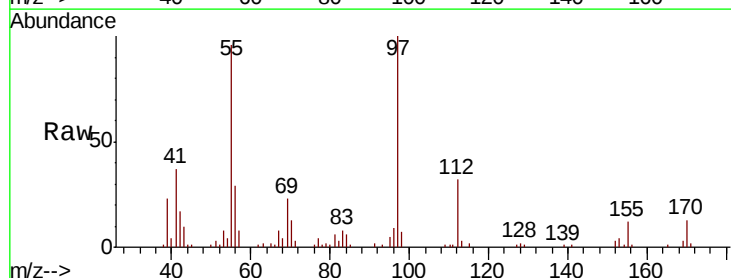
Ion Ratio Lower Upper

97 100

83 7.0 70.7 106.1#

85 0.4 45.8 68.6#

99 0.0 51.8 77.8#

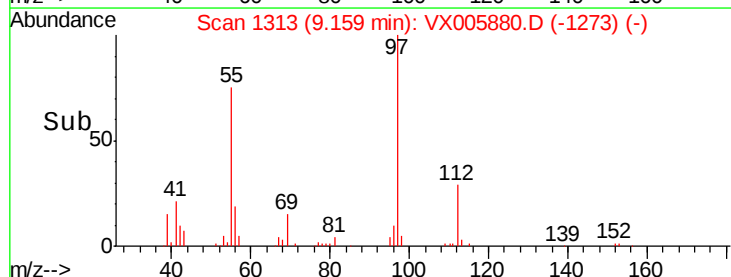
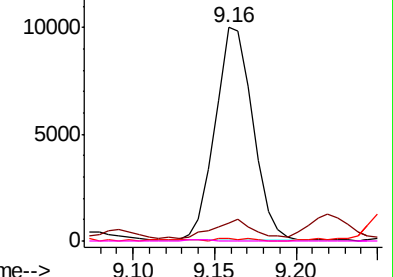


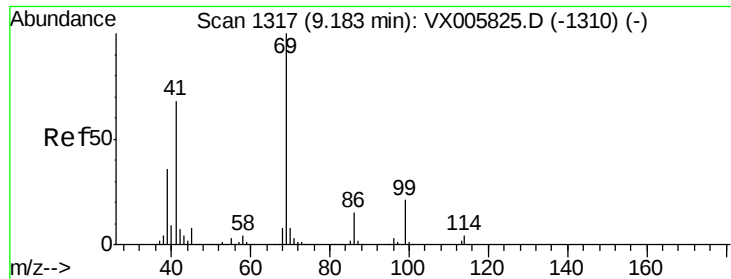
Abundance Ion 96.90 (96.60 to 97.60): VX005880.D (-1273) (-)

Ion 82.90 (82.60 to 83.60): VX005880.D (-1273) (-)

Ion 84.90 (84.60 to 85.60): VX005880.D (-1273) (-)

Ion 98.90 (98.60 to 99.60): VX005880.D (-1273) (-)





#56

Ethyl methacrylate

Concen: 2.277 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

WALL-C

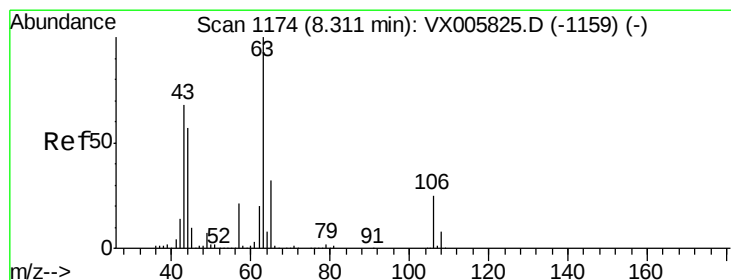
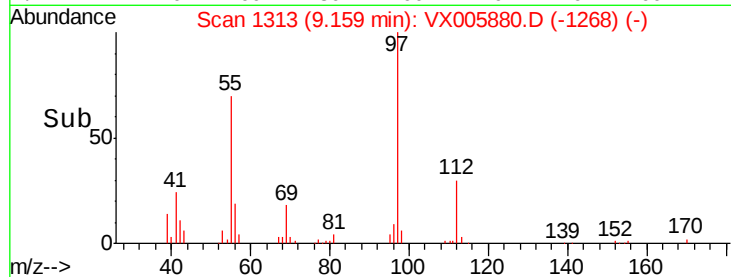
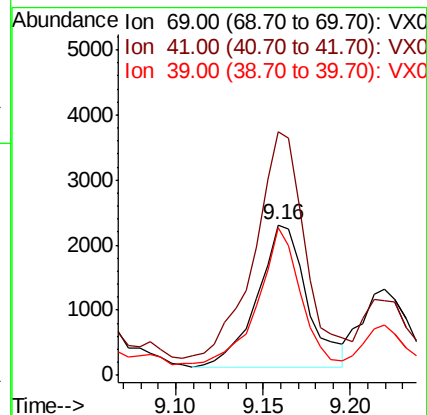
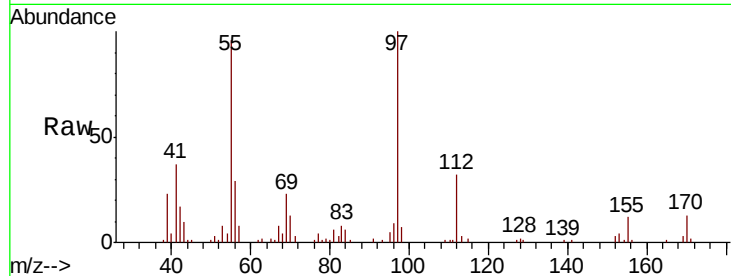
Tot Ion: 69 Resp: 4353

Ion Ratio Lower Upper

69 100

41 159.8 57.0 85.6#

39 78.1 28.3 42.5#



#58

2-Chloroethyl Vinyl ether

Concen: 8.321 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX005880.D

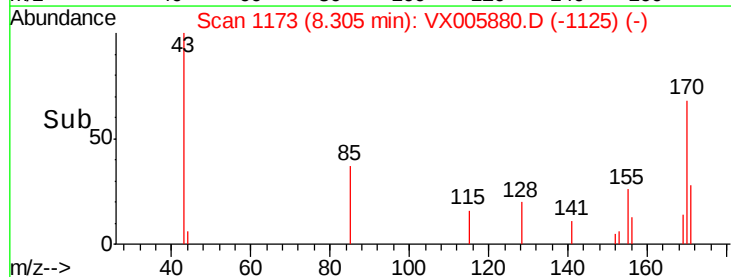
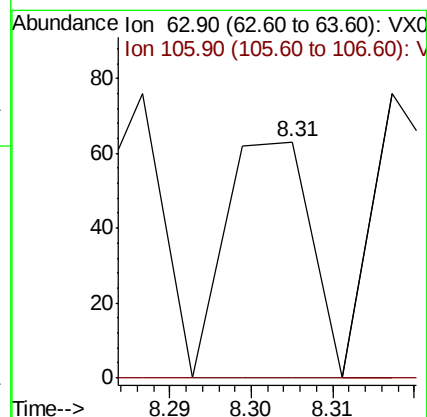
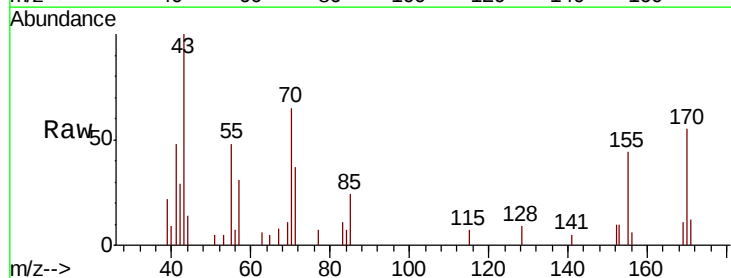
Acq: 10 Nov 2018 00:24

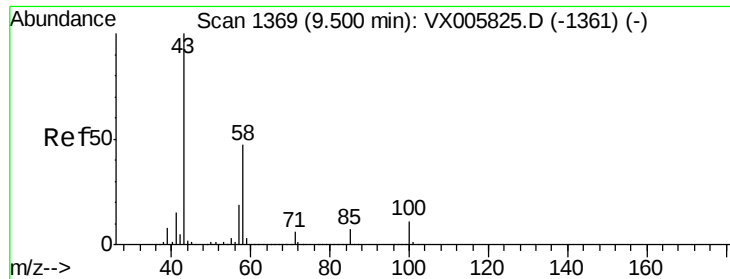
Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

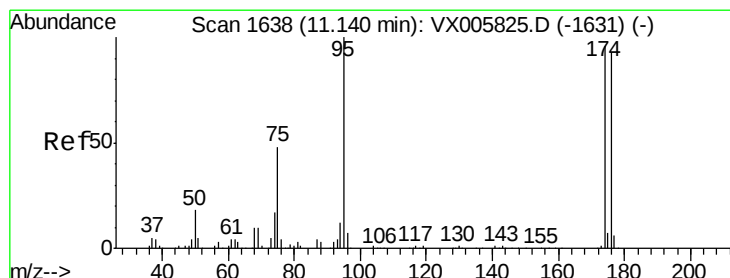
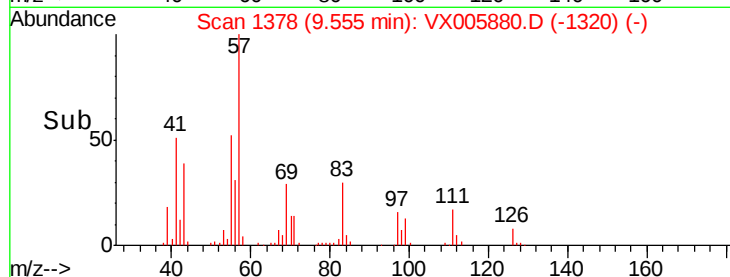
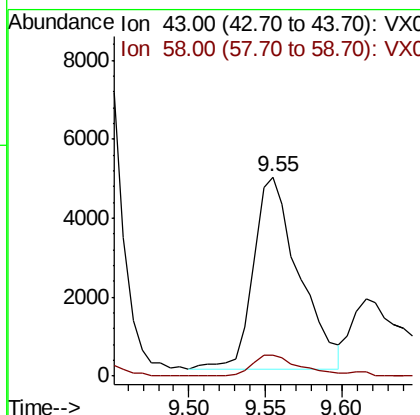
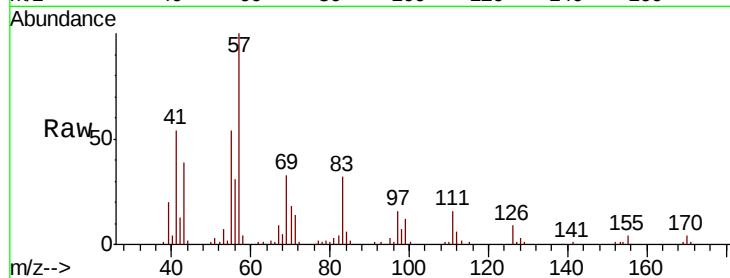




#59  
 2-Hexanone  
 Concen: 5.484 ug/l  
 RT: 9.55 min Scan# 1378  
 Delta R.T. 0.05 min  
 Lab File: VX005880.D  
 Acq: 10 Nov 2018 00:24

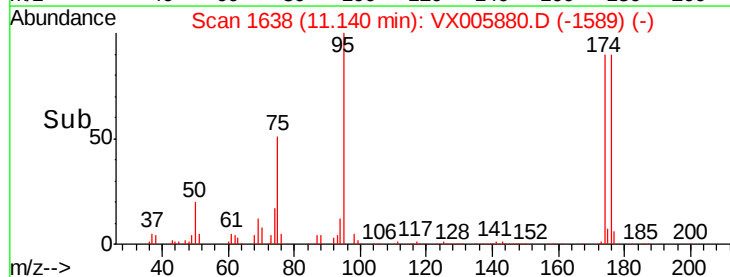
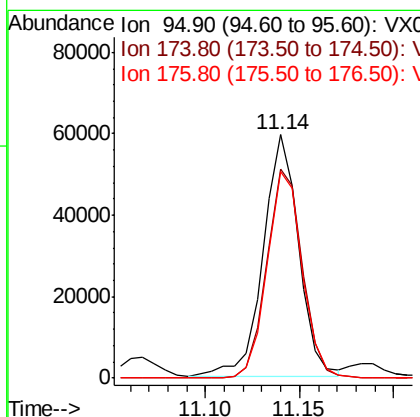
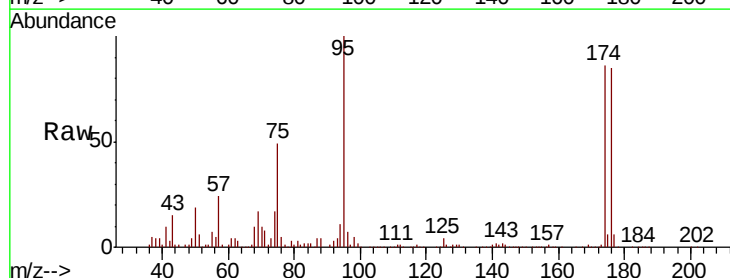
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

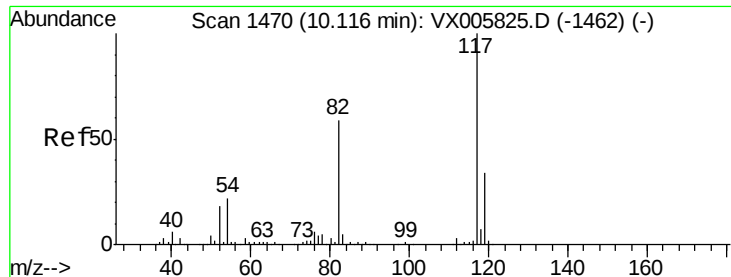
Tot Ion: 43 Resp: 10212  
 Ion Ratio Lower Upper  
 43 100  
 58 11.3 25.9 77.8#



#62  
 4-Bromofluorobenzene  
 Concen: 51.933 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX005880.D  
 Acq: 10 Nov 2018 00:24

Tgt Ion: 95 Resp: 77046  
 Ion Ratio Lower Upper  
 95 100  
 174 87.4 0.0 184.4  
 176 85.1 0.0 177.4

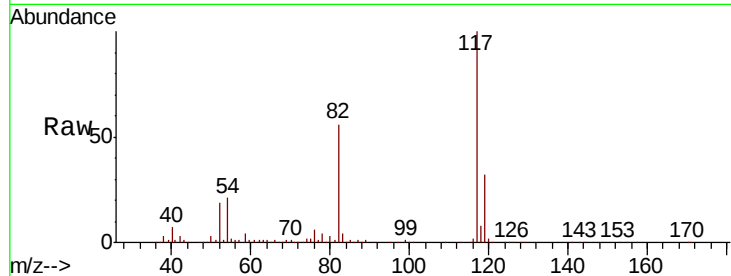




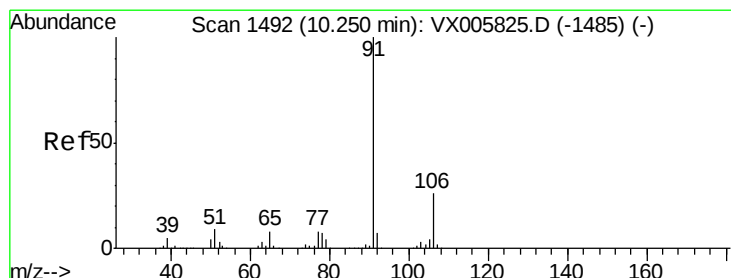
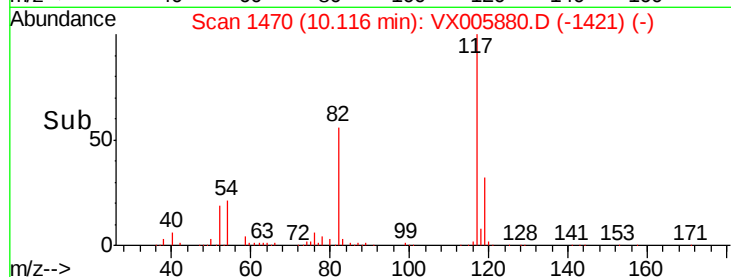
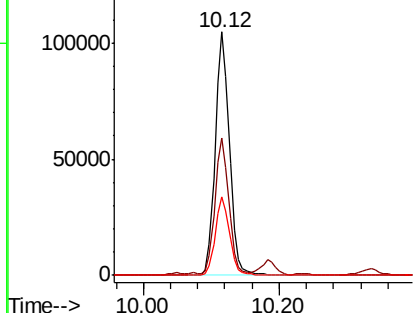
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Tot Ion:117 Resp: 152381  
Ion Ratio Lower Upper  
117 100  
82 56.2 44.1 66.1  
119 32.0 26.2 39.2

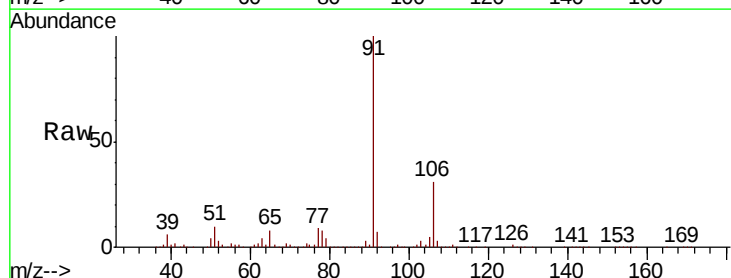


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

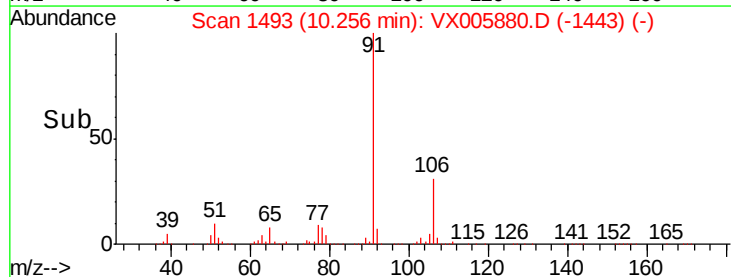
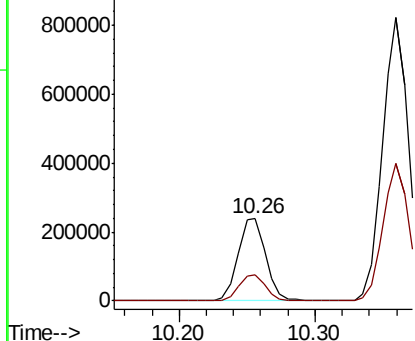


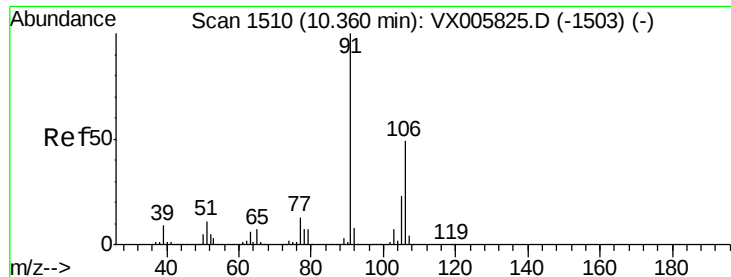
#67  
Ethyl Benzene  
Concen: 69.269 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 91 Resp: 339075  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.4 36.6



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

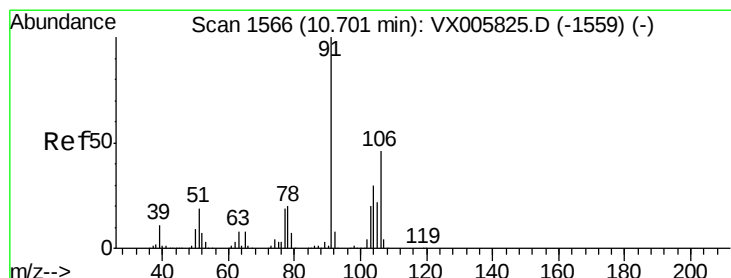
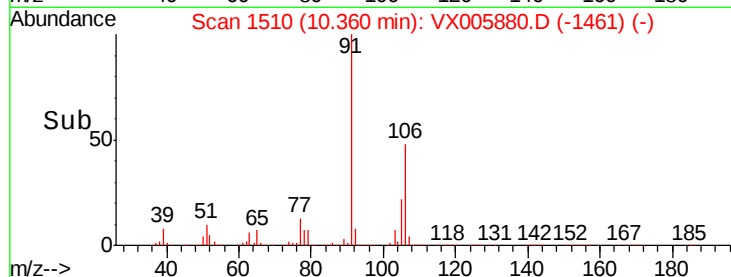
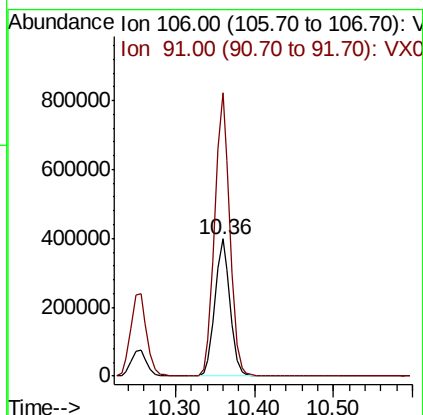
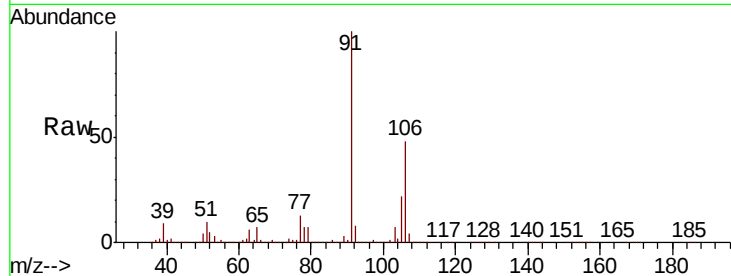




#68  
m/p-Xylenes  
Concen: 284.891 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

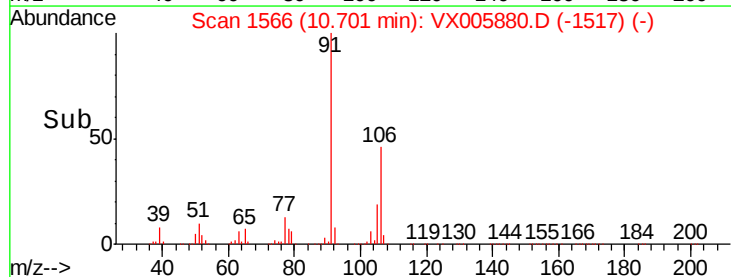
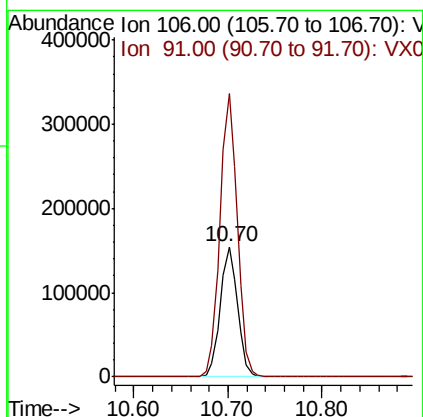
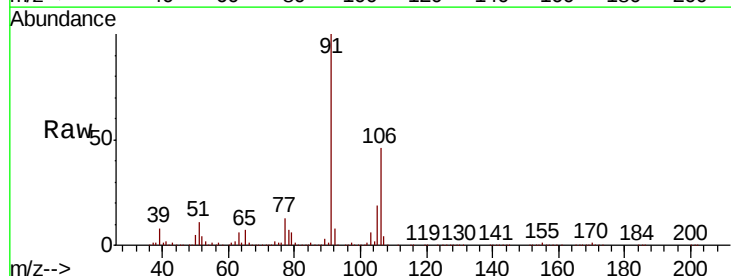
Instrument :  
MSVOA\_X  
ClientSampled :  
WALL-C

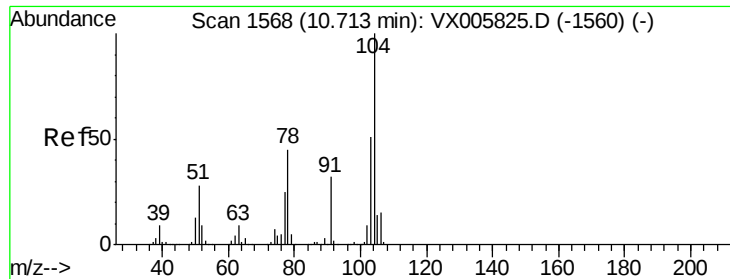
Tot Ion:106 Resp: 531936  
Ion Ratio Lower Upper  
106 100  
91 206.4 164.2 246.4



#69  
o-Xylene  
Concen: 117.845 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion:106 Resp: 197305  
Ion Ratio Lower Upper  
106 100  
91 217.4 108.5 325.5

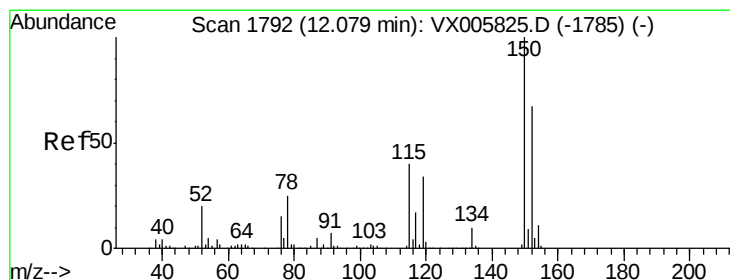
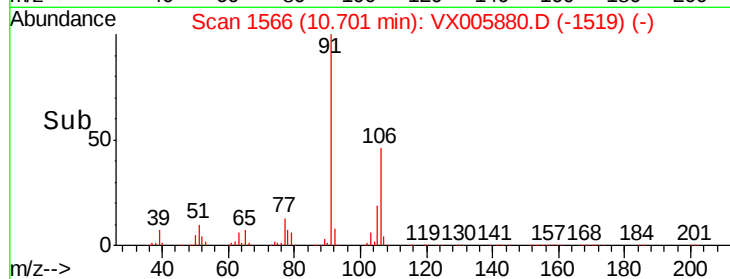
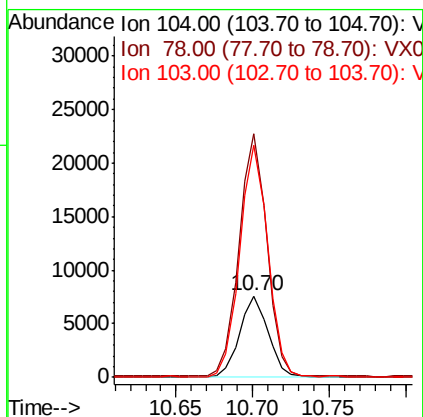
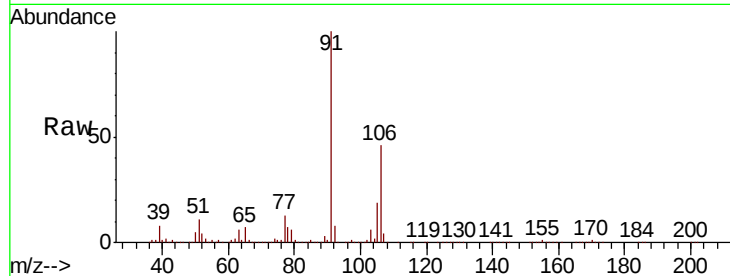




#70  
Stvrene  
Concen: 3.598 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

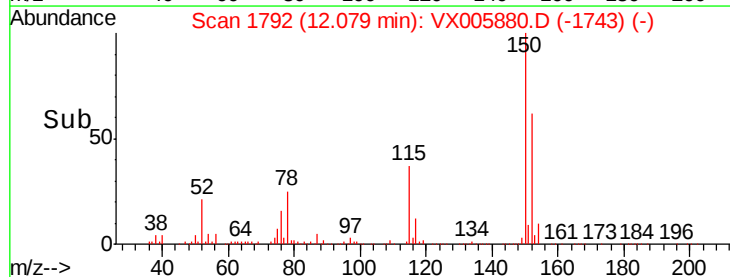
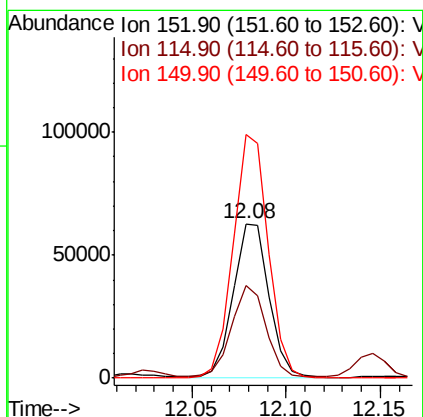
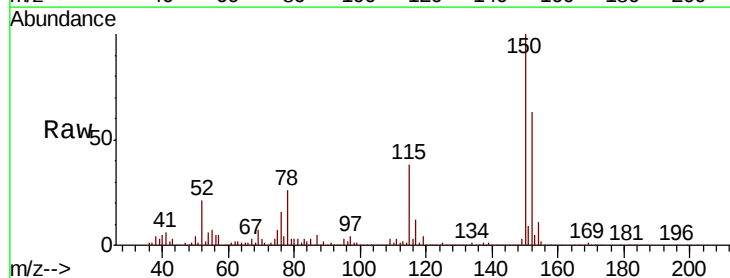
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

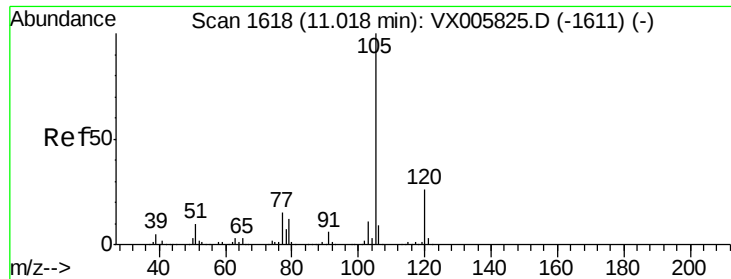
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 288.0 | 40.2  | 60.4# |
| 103     | 279.1 | 44.9  | 67.3# |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.5  | 39.4  | 118.1 |
| 150     | 155.7 | 0.0   | 346.4 |





#73

Isopropylbenzene

Concen: 15.792 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

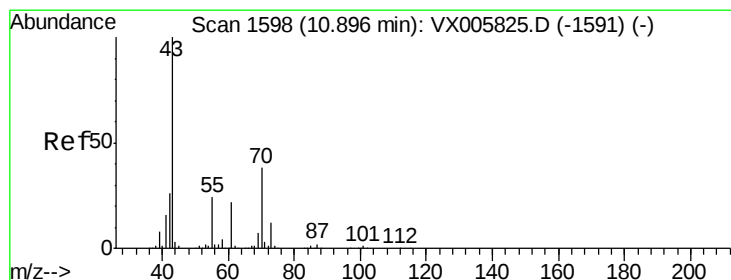
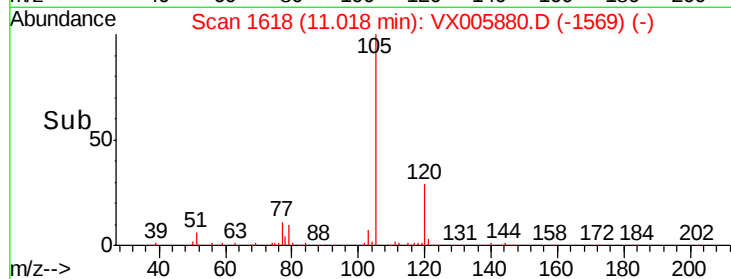
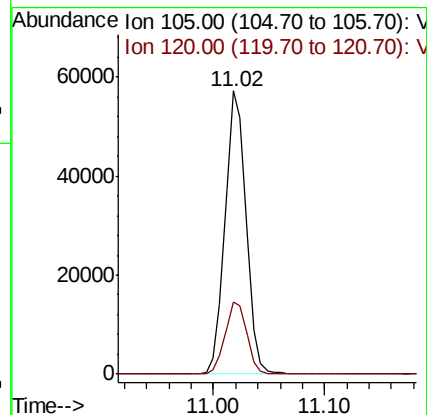
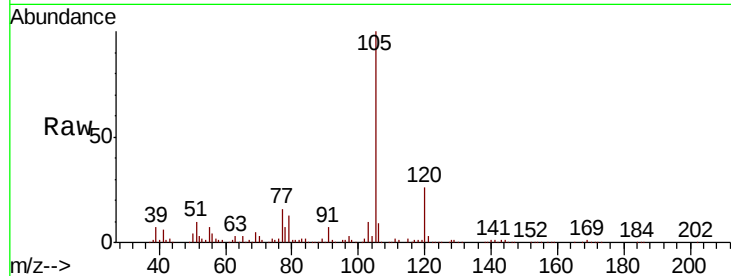
WALL-C

Tot Ion:105 Resp: 74680

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 8.617 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Tgt Ion: 43 Resp: 20047

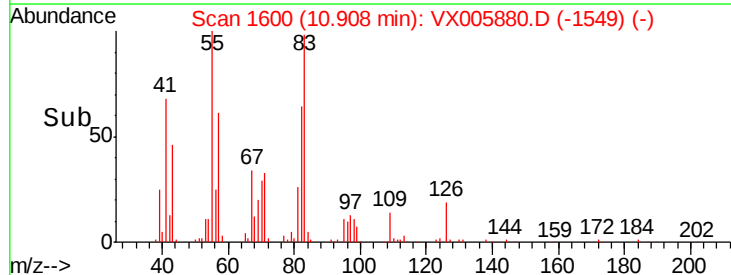
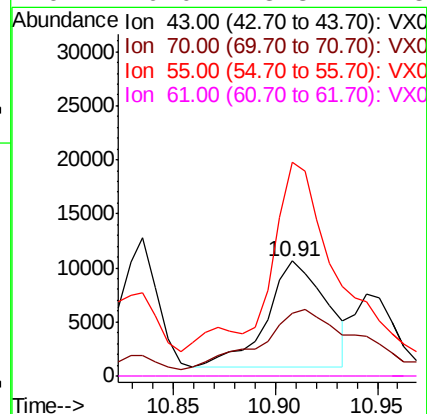
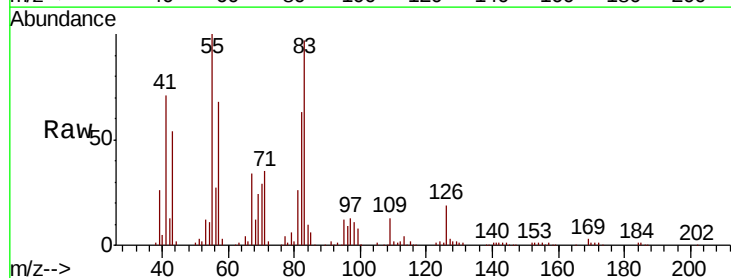
Ion Ratio Lower Upper

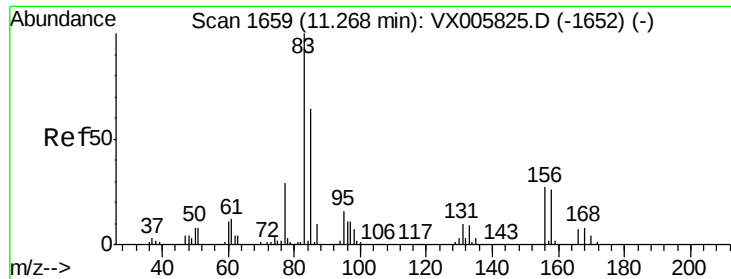
43 100

70 90.4 31.6 47.4#

55 190.4 19.7 29.5#

61 0.0 18.3 27.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 8.397 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

WALL-C

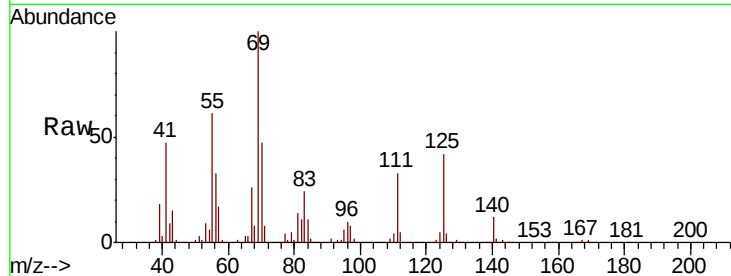
Tot Ion: 83 Resp: 14575

Ion Ratio Lower Upper

83 100

131 0.7 5.3 15.9#

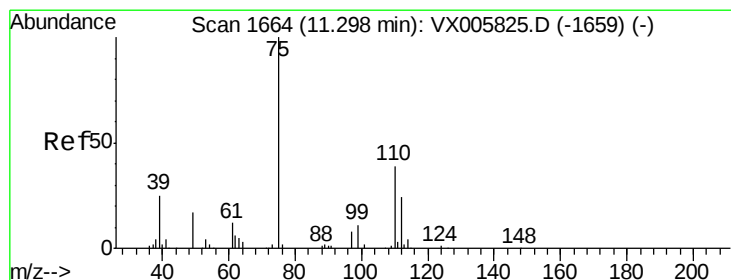
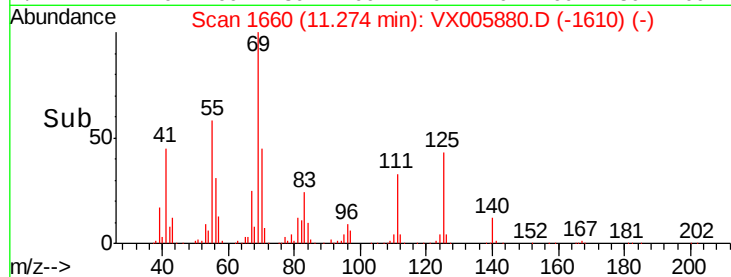
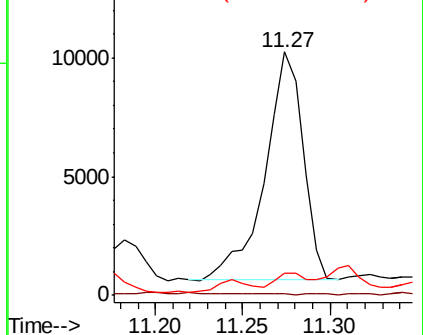
85 4.2 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.052 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX005880.D

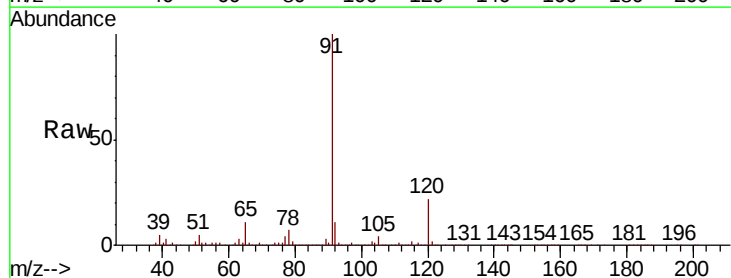
Acq: 10 Nov 2018 00:24

Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

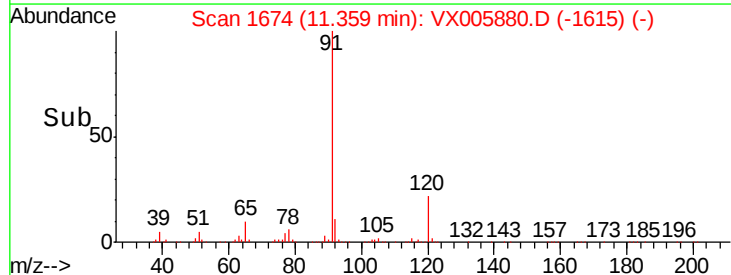
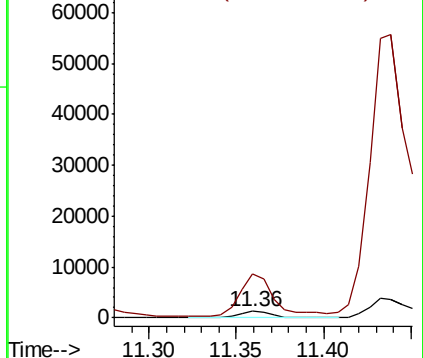
75 100

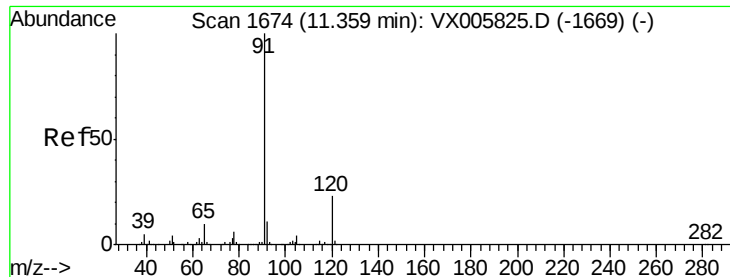
77 658.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 47.550 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

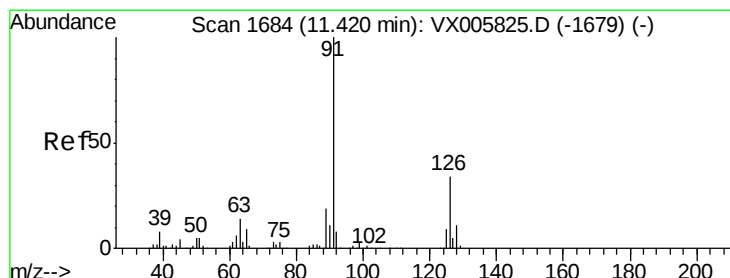
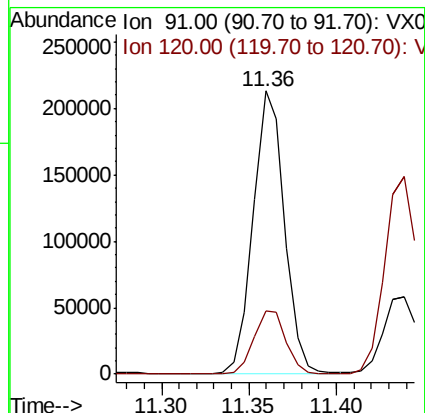
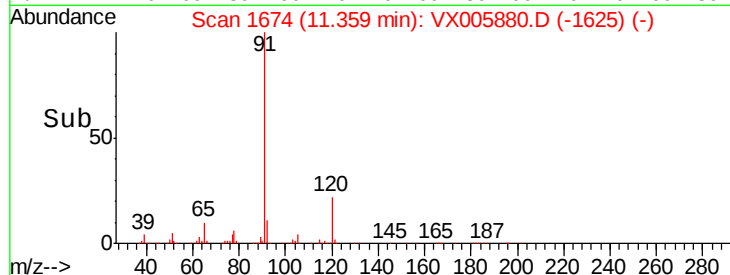
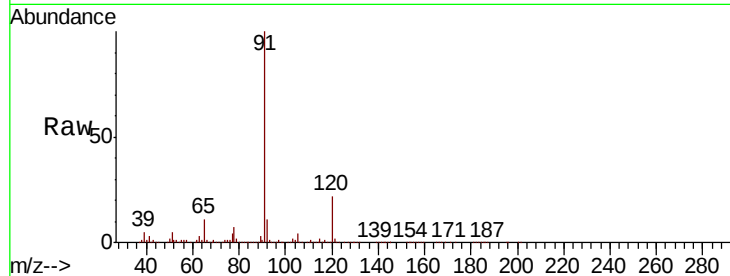
WALL-C

Tot Ion: 91 Resp: 264999

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5



#79

2-Chlorotoluene

Concen: 29.407 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX005880.D

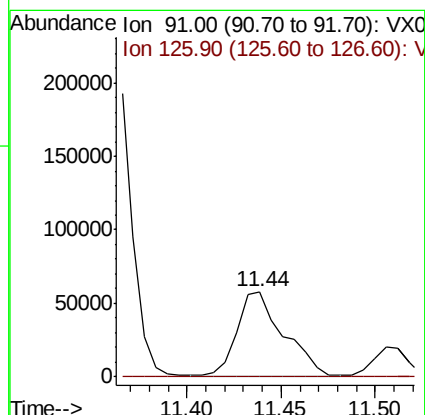
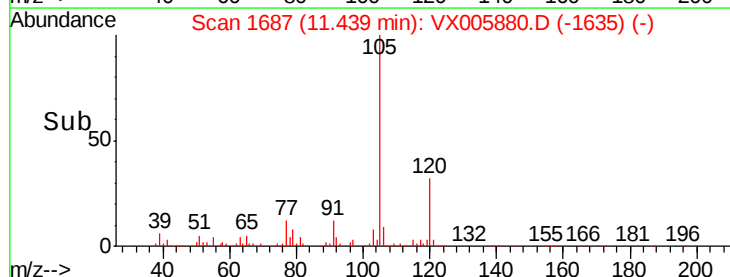
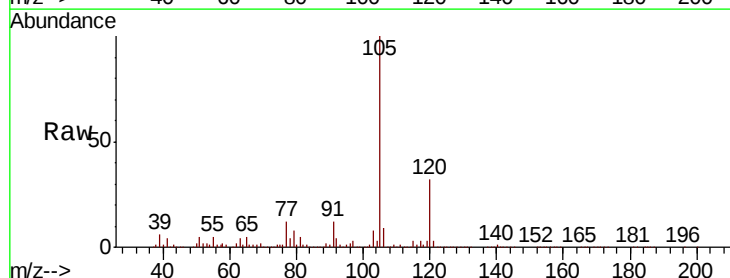
Acq: 10 Nov 2018 00:24

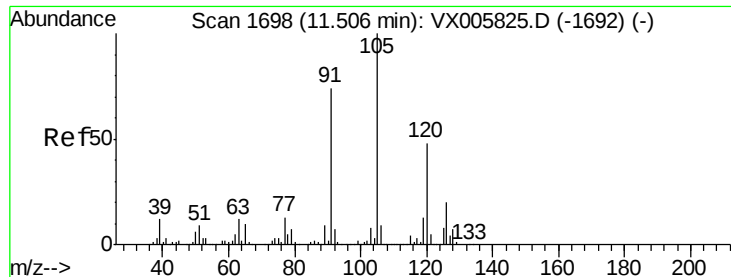
Tgt Ion: 91 Resp: 99060

Ion Ratio Lower Upper

91 100

126 0.4 17.3 52.0#

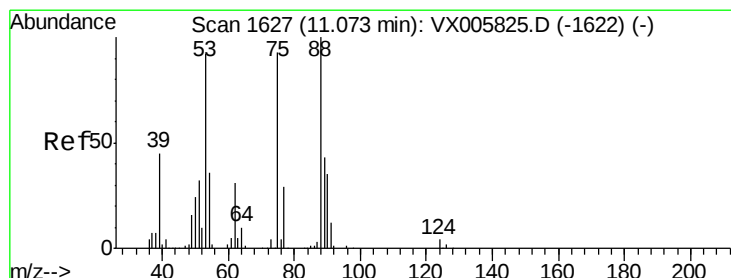
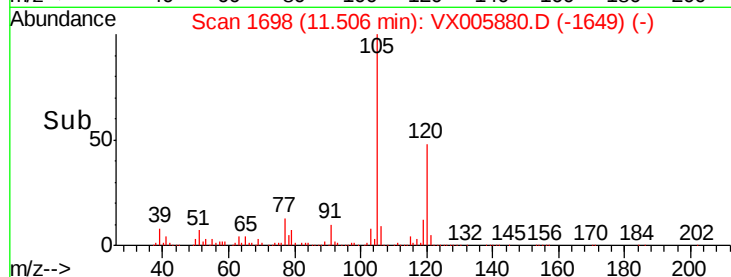
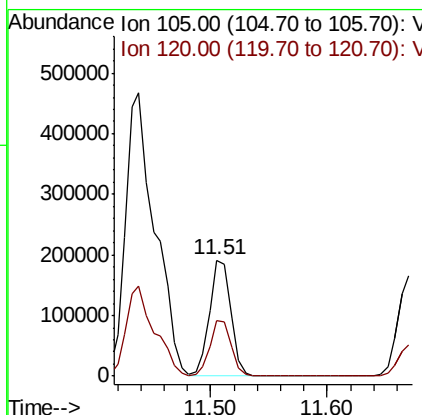
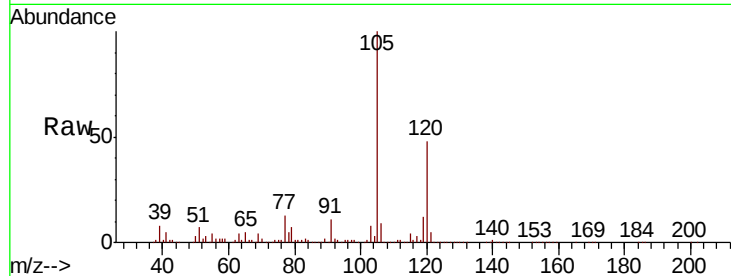




#80  
 1,3,5-Trimethylbenzene  
 Concen: 59.683 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005880.D  
 Acq: 10 Nov 2018 00:24

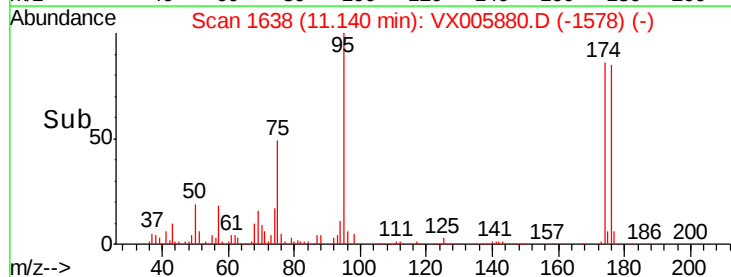
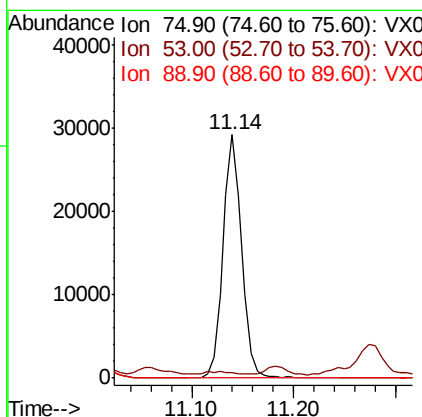
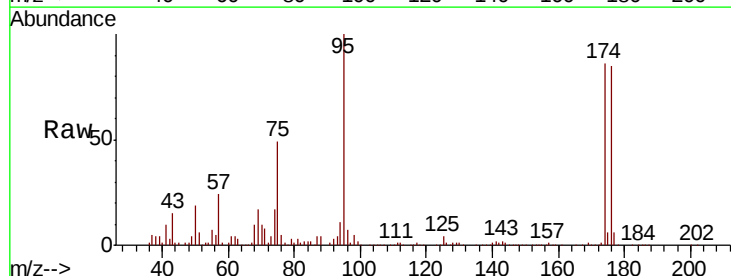
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 WALL-C

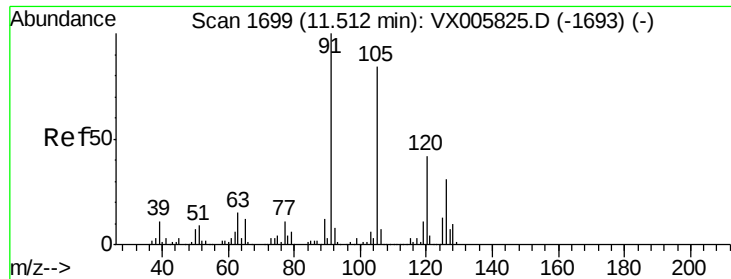
Tot Ion:105 Resp: 239840  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 24.1 72.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 71.045 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.07 min  
 Lab File: VX005880.D  
 Acq: 10 Nov 2018 00:24

Tgt Ion: 75 Resp: 37116  
 Ion Ratio Lower Upper  
 75 100  
 53 2.5 80.2 120.2#  
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 6.407 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

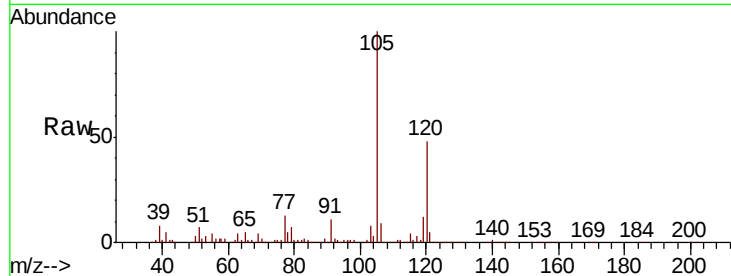
WALL-C

Tot Ion: 91 Resp: 25434

Ion Ratio Lower Upper

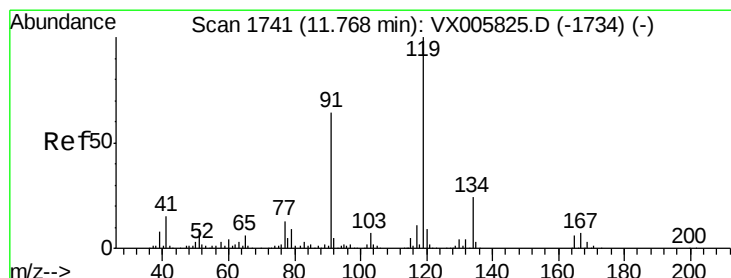
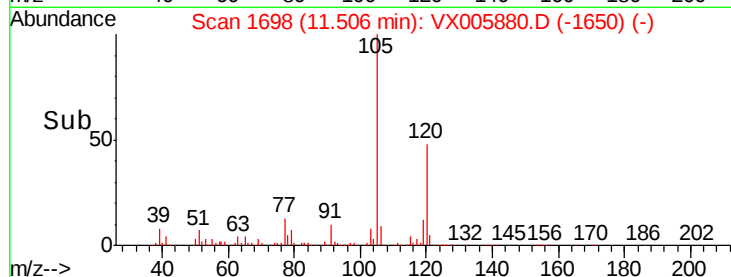
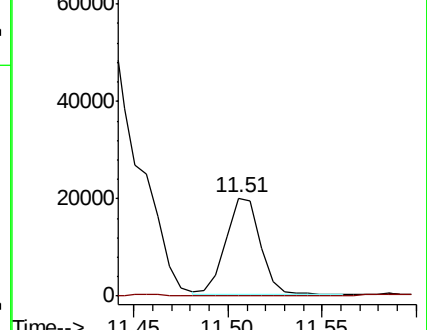
91 100

126 0.9 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1693) (-)



#83

tert-Butylbenzene

Concen: 26.680 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

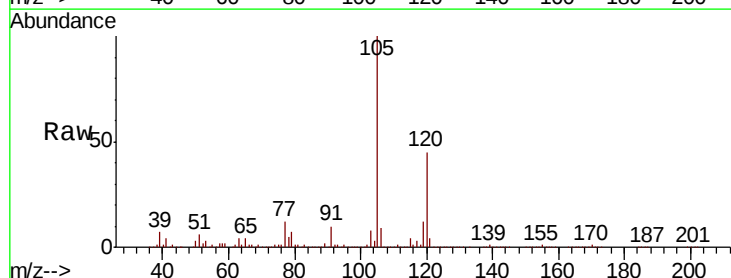
Tgt Ion: 119 Resp: 108465

Ion Ratio Lower Upper

119 100

91 85.6 28.5 85.5#

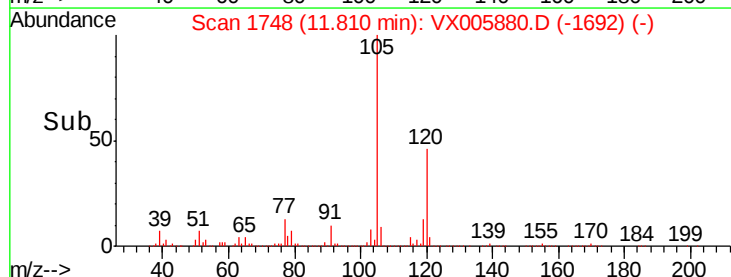
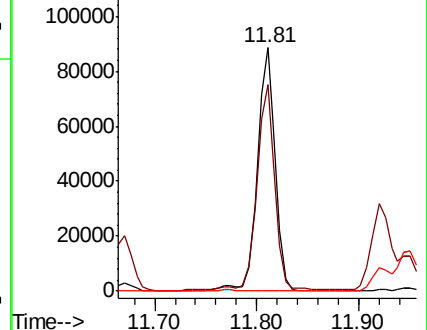
134 0.0 11.3 33.8#

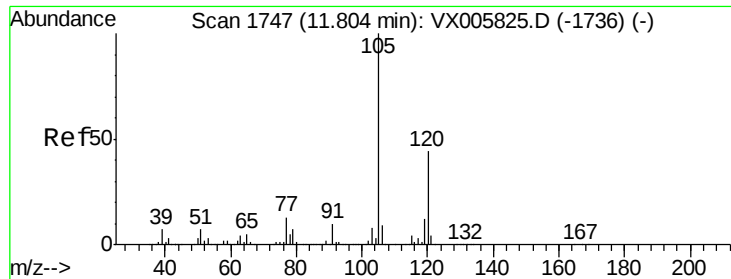


Abundance Ion 119.00 (118.70 to 119.70): VX005825.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1734) (-)





#84

1,2,4-Trimethylbenzene

Concen: 194.078 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampleId :

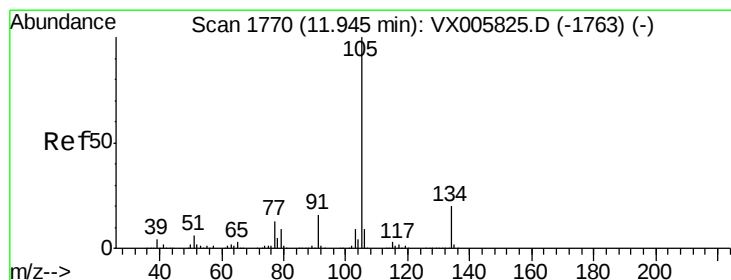
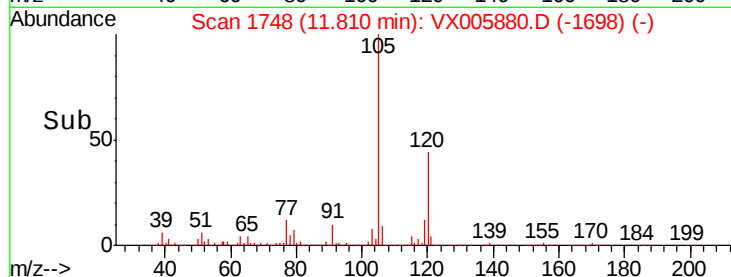
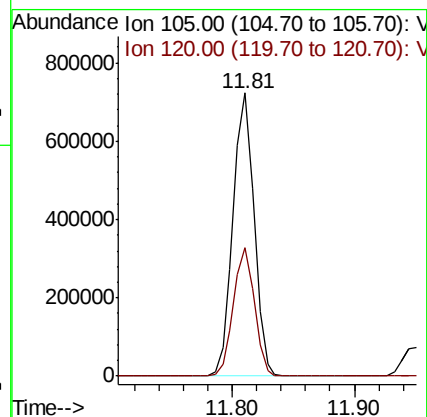
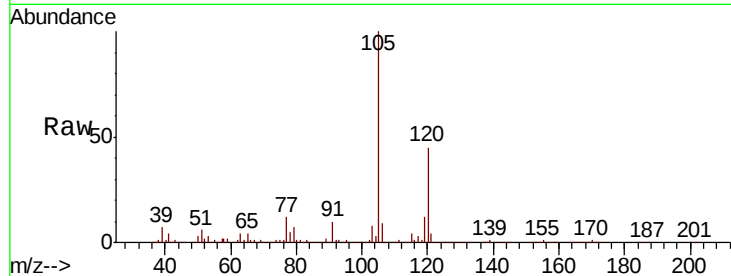
WALL-C

Tot Ion:105 Resp: 859163

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0



#85

sec-Butylbenzene

Concen: 18.618 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005880.D

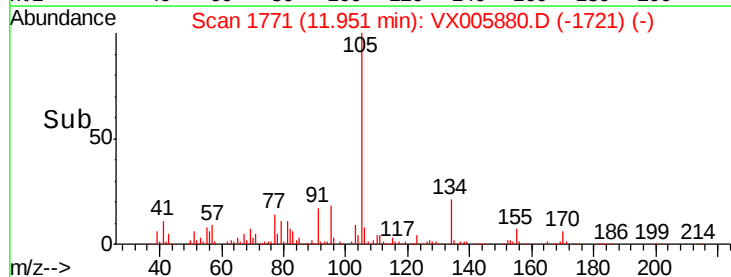
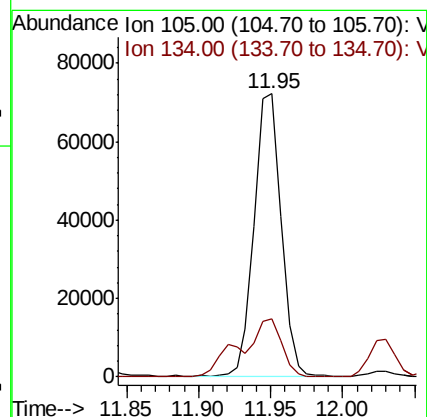
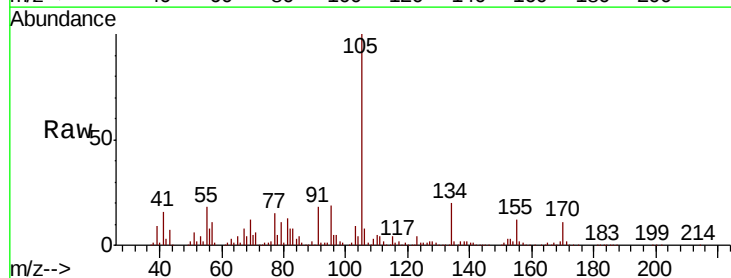
Acq: 10 Nov 2018 00:24

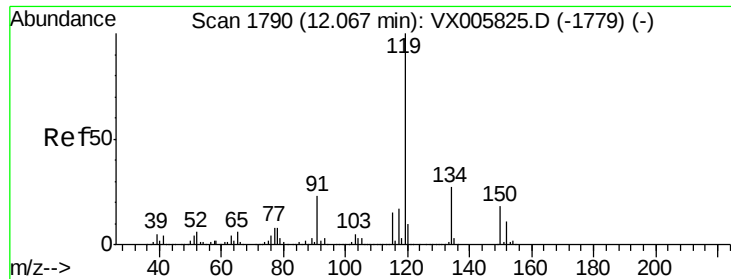
Tgt Ion:105 Resp: 92557

Ion Ratio Lower Upper

105 100

134 31.5 10.2 30.4#

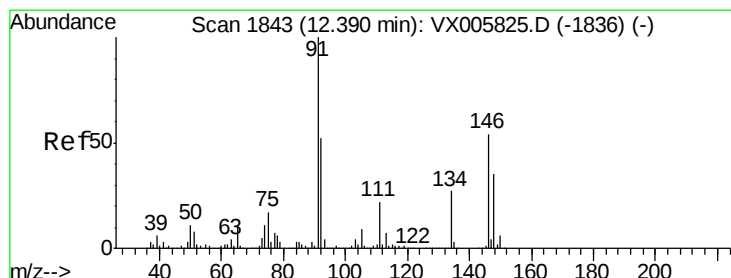
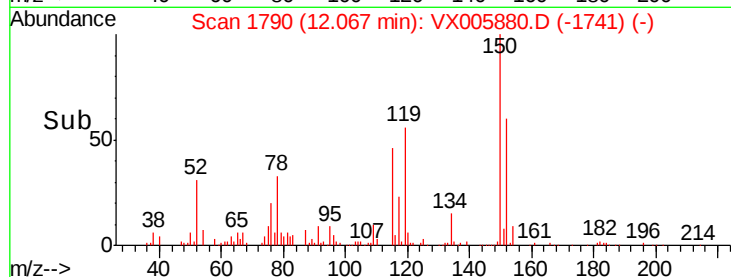
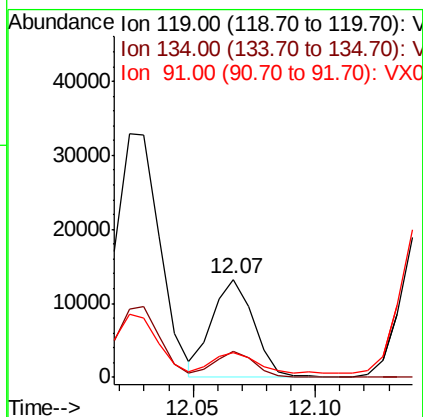
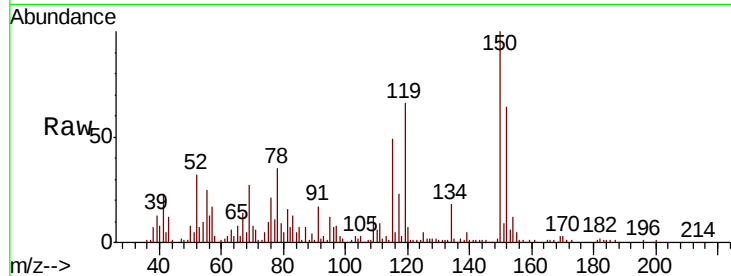




#86  
p-Isopropyltoluene  
Concen: 3.490 ug/l  
RT: 12.07 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

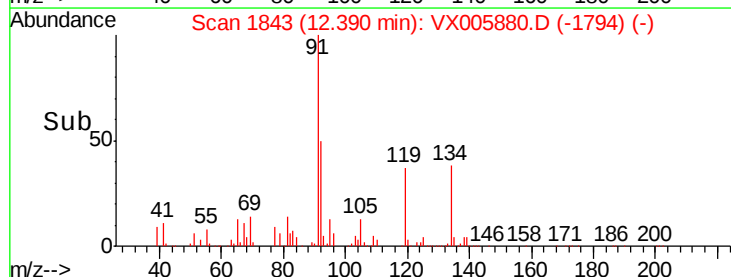
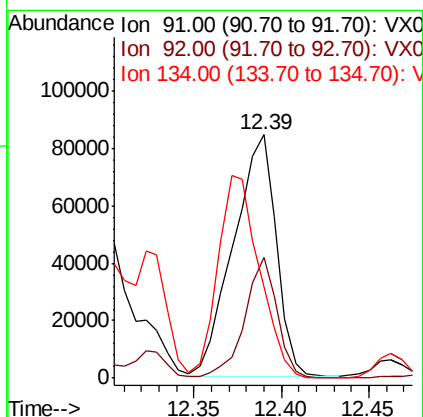
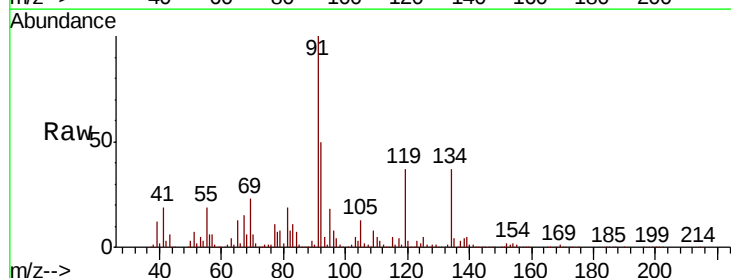
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

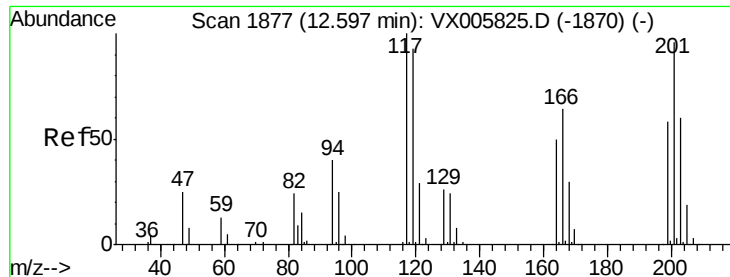
Tot Ion: 119 Resp: 15368  
Ion Ratio Lower Upper  
119 100  
134 26.6 13.0 39.0  
91 21.9 11.4 34.2



#89  
n-Butylbenzene  
Concen: 34.879 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion: 91 Resp: 142351  
Ion Ratio Lower Upper  
91 100  
92 37.7 26.1 78.2  
134 81.6 13.1 39.3#





#90

Hexachloroethane

Concen: 17.373 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA\_X

ClientSampled :

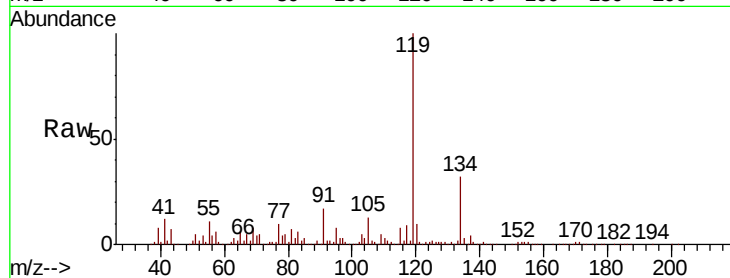
WALL-C

Tot Ion:117 Resp: 12773

Ion Ratio Lower Upper

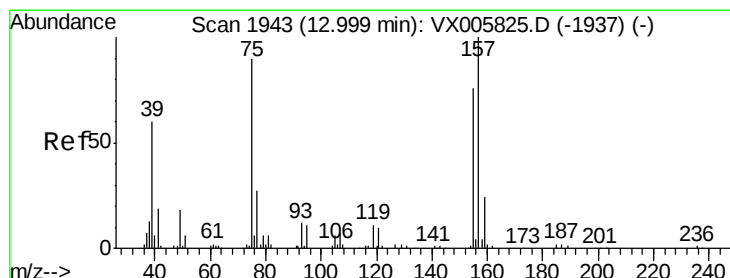
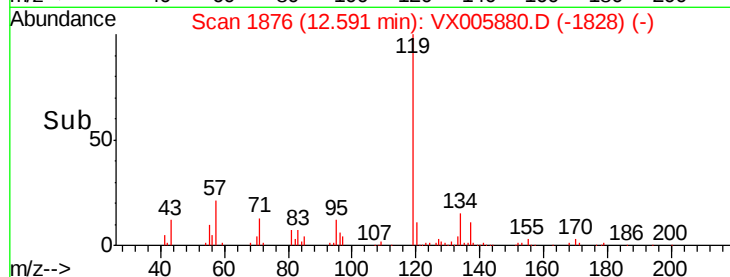
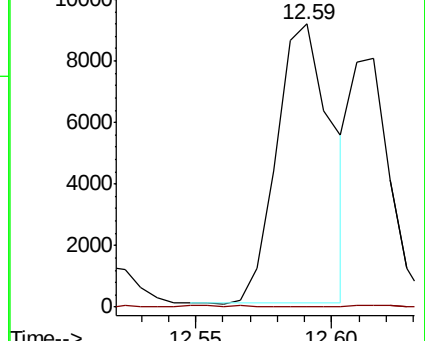
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.864 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

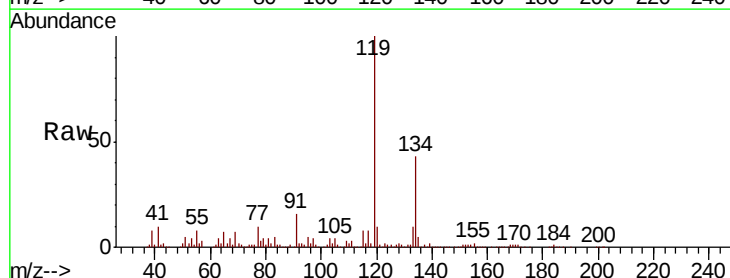
Tgt Ion: 75 Resp: 1213

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

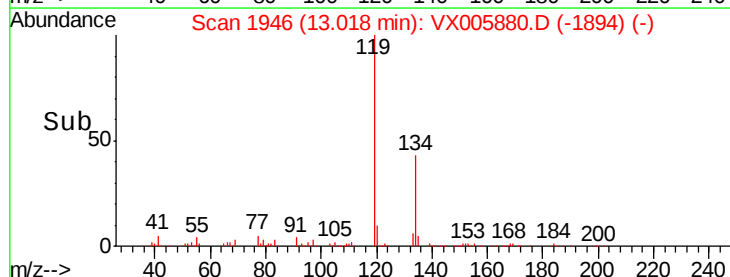
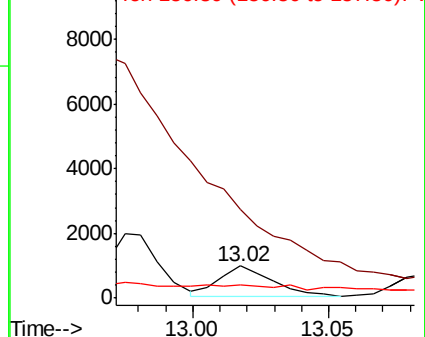
157 0.0 57.4 172.0#

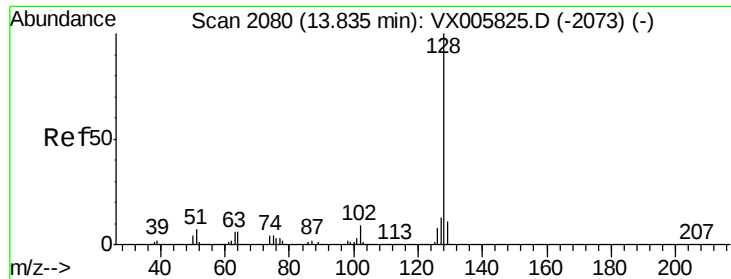


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

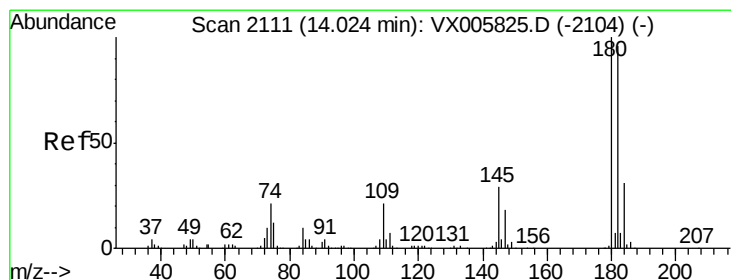
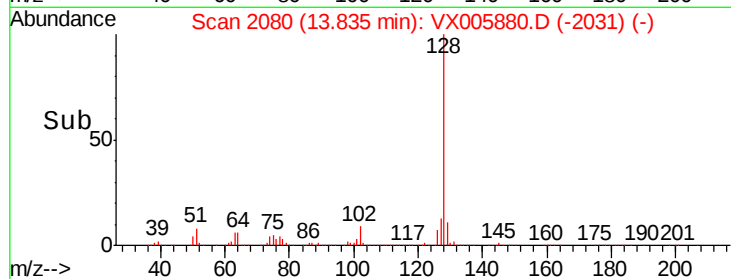
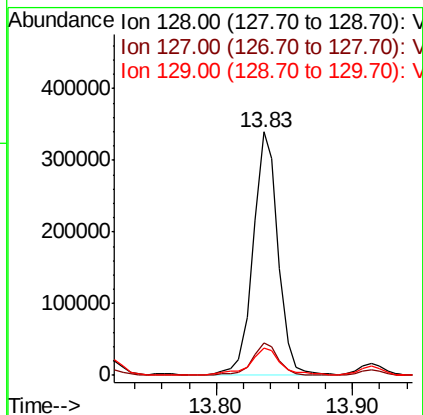
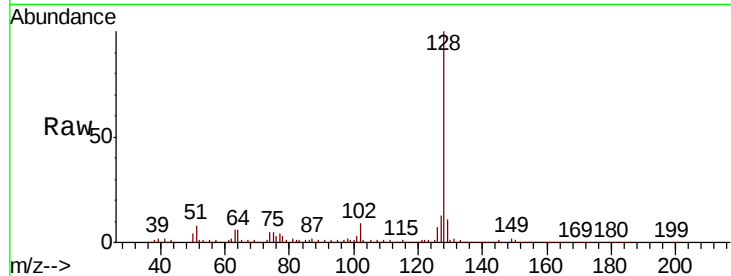




#95  
Naphthalene  
Concen: 73.253 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Tot Ion:128 Resp: 434252  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.4 15.6  
129 13.2 8.7 13.1#



#96  
1,2,3-Trichlorobenzene  
Concen: 0.960 ug/l  
RT: 14.04 min Scan# 2113  
Delta R.T. 0.01 min  
Lab File: VX005880.D  
Acq: 10 Nov 2018 00:24

Tgt Ion:180 Resp: 1765  
Ion Ratio Lower Upper  
180 100  
182 0.0 48.0 144.2#  
145 2606.3 15.1 45.3#

