

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\  
 Data File : VW005272.D  
 Acq On : 11 Sep 2018 13:45  
 Operator : SY/AP  
 Sample : J4693-13  
 Misc : 4.89G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 11 14:22:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 03:48:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 554038   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 806053   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 861520   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 477058   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 176944   | 42.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.64%  |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 167819   | 39.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.50%  |          |
| 50) Toluene-d8              | 10.33 | 98   | 879619   | 41.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 82.46%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 471199   | 60.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 120.76% |          |

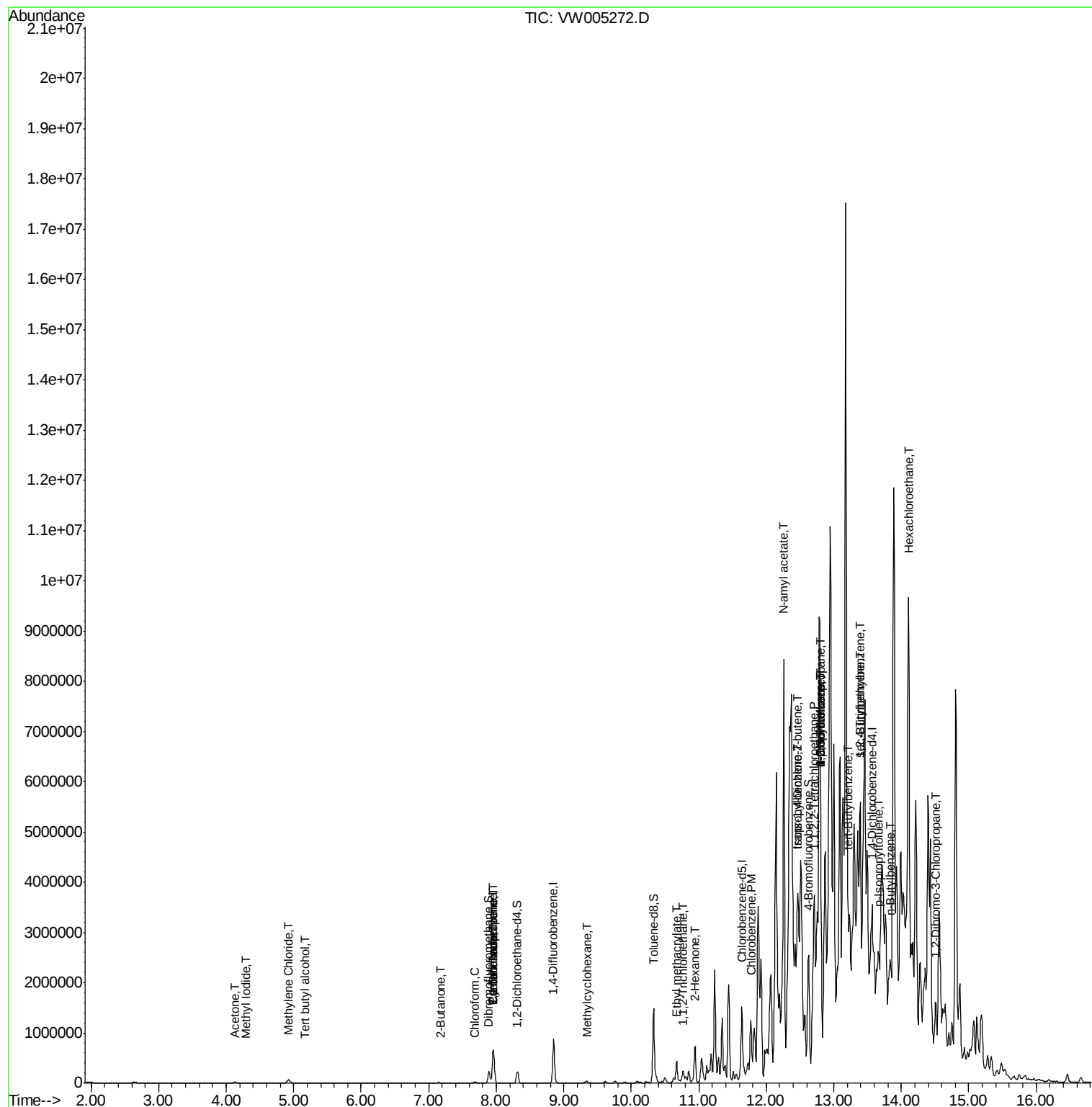
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.78  | 94   | 740      | Below Cal | #      | 15     |
| 10) Methyl Iodide              | 4.29  | 142  | 300      | 3.374     | ug/l # | 45     |
| 11) Tert butyl alcohol         | 5.18  | 59   | 899      | 2.653     | ug/l # | 73     |
| 16) Acetone                    | 4.13  | 43   | 33437    | 43.593    | ug/l   | 94     |
| 20) Methylene Chloride         | 4.92  | 84   | 57024    | 7.184     | ug/l   | 95     |
| 25) 2-Butanone                 | 7.18  | 43   | 5356     | 4.427     | ug/l   | 96     |
| 30) Chloroform                 | 7.68  | 83   | 20528    | 2.461     | ug/l   | 95     |
| 31) Cyclohexane                | 7.95  | 56   | 10389    | 1.175     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.96  | 75   | 33811    | 4.578     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.96  | 117  | 45993    | 6.649     | ug/l # | 17     |
| 39) Methylcyclohexane          | 9.34  | 83   | 15789    | 1.610     | ug/l   | 98     |
| 55) 1,1,2-Trichloroethane      | 10.77 | 97   | 87955    | 21.550    | ug/l # | 22     |
| 56) Ethyl methacrylate         | 10.67 | 69   | 44032    | 8.510     | ug/l # | 22     |
| 59) 2-Hexanone                 | 10.94 | 43   | 269486   | 127.346   | ug/l # | 26     |
| 65) Chlorobenzene              | 11.77 | 112  | 24368    | 1.291     | ug/l # | 42     |
| 73) Isopropylbenzene           | 12.47 | 105  | 722854   | 21.446    | ug/l   | 100    |
| 74) N-amyl acetate             | 12.26 | 43   | 1637539  | 255.344   | ug/l # | 60     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.70 | 83   | 209317   | 41.321    | ug/l # | 69     |
| 76) 1,2,3-Trichloropropane     | 12.81 | 75   | 8605     | 2.345     | ug/l # | 100    |
| 78) n-propylbenzene            | 12.81 | 91   | 1392631  | 34.401    | ug/l   | 98     |
| 79) 2-Chlorotoluene            | 12.81 | 91   | 1392631  | 59.989    | ug/l # | 40     |
| 81) trans-1,4-Dichloro-2-buten | 12.47 | 75   | 7235     | 4.624     | ug/l # | 1      |
| 82) 4-Chlorotoluene            | 12.81 | 91   | 1393087  | 57.092    | ug/l # | 40     |
| 83) tert-Butylbenzene          | 13.21 | 119  | 110462   | 4.400     | ug/l   | 79     |
| 84) 1,2,4-Trimethylbenzene     | 13.39 | 105  | 1080217  | 37.453    | ug/l # | 30     |
| 85) sec-Butylbenzene           | 13.39 | 105  | 1080324  | 29.946    | ug/l # | 76     |
| 86) p-Isopropyltoluene         | 13.66 | 119  | 379211   | 11.874    | ug/l   | 92     |
| 89) n-Butylbenzene             | 13.83 | 91   | 321044   | 10.694    | ug/l # | 87     |
| 90) Hexachloroethane           | 14.11 | 117  | 350886   | 68.577    | ug/l # | 5      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 2900     | 3.443     | ug/l # | 1      |

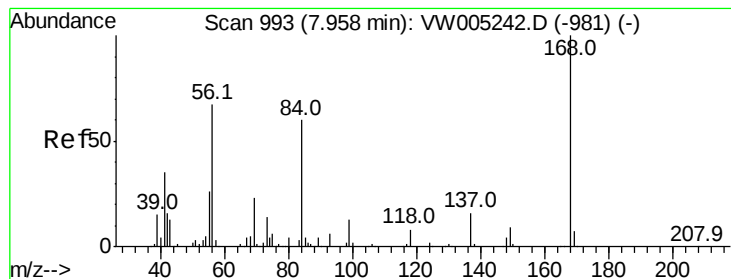
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Sep 11 14:22:07 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 03:48:23 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

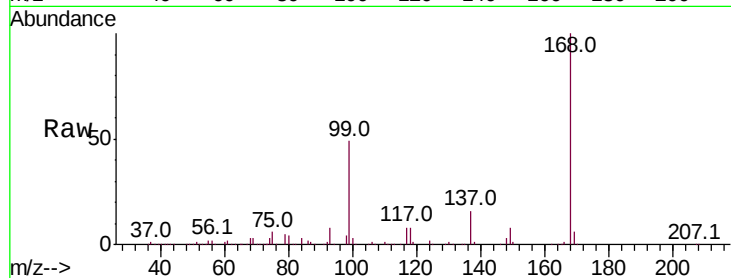
ClientSampleId :

Tot Ion:168 Resp: 554038

Ion Ratio Lower Upper

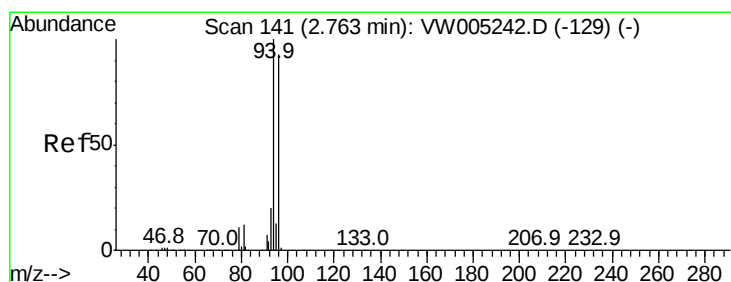
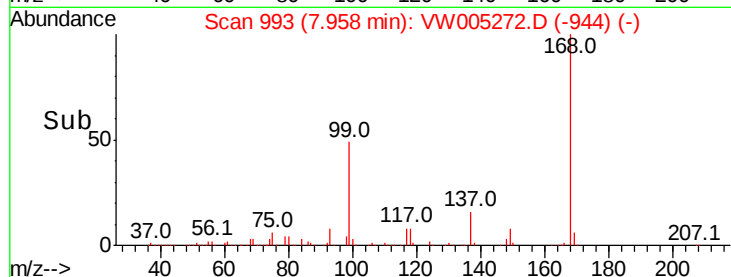
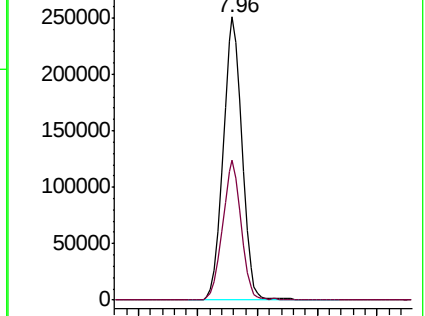
168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW005272.D

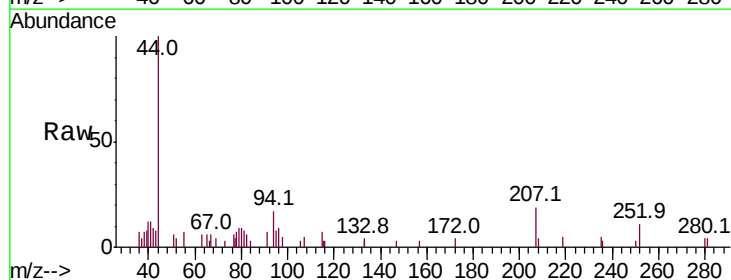
Acq: 11 Sep 2018 13:45

Tgt Ion: 94 Resp: 740

Ion Ratio Lower Upper

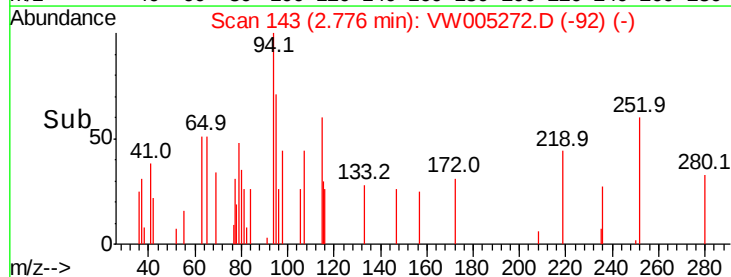
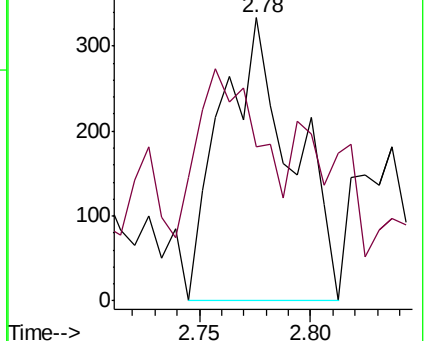
94 100

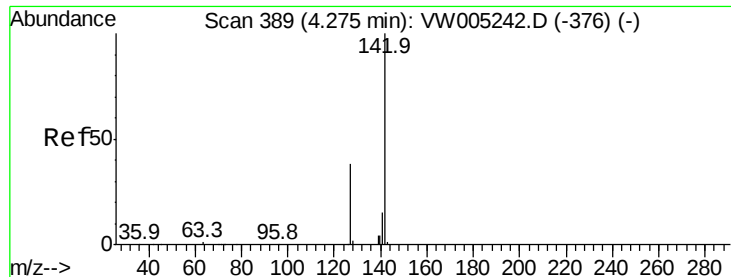
96 10.8 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

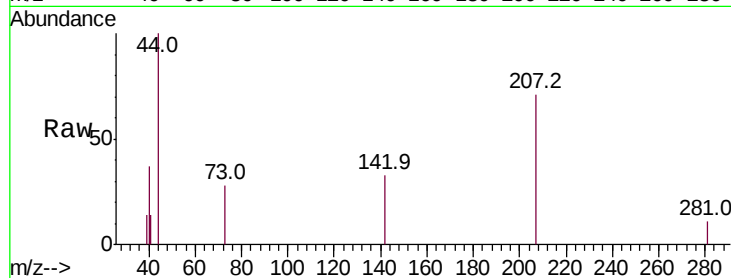




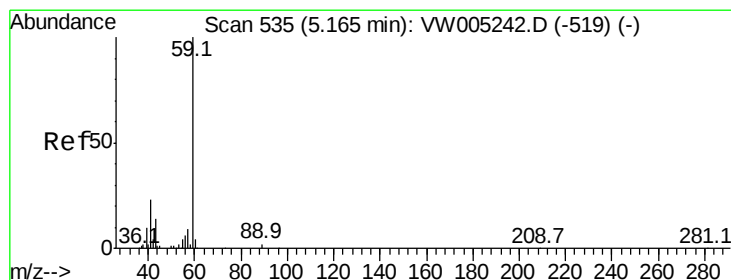
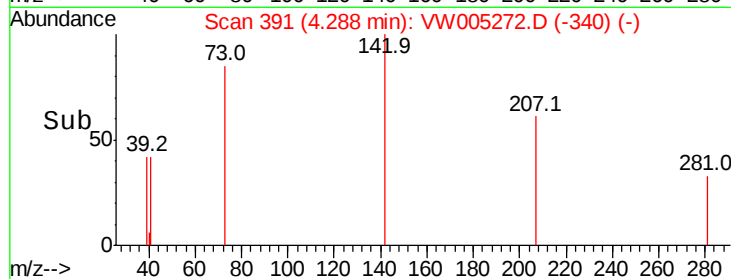
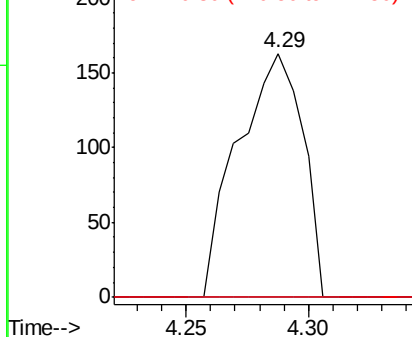
#10  
Methvl Iodide  
Concen: 3.374 ug/l  
RT: 4.29 min Scan# 391  
Delta R.T. 0.01 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion:142 Resp: 300  
Ion Ratio Lower Upper  
142 100  
127 0.0 30.3 45.5#  
141 0.0 11.4 17.0#

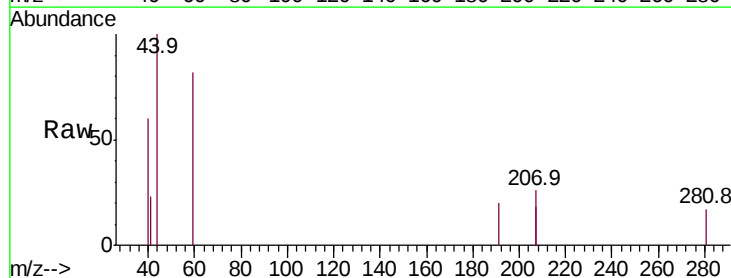


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

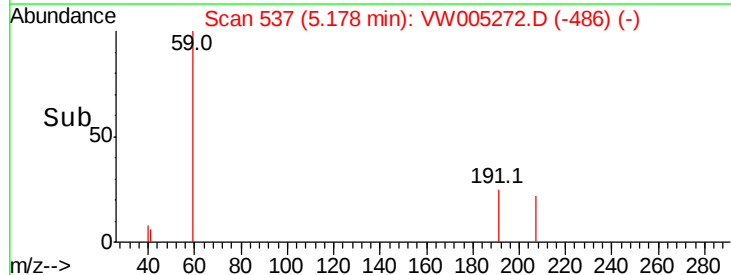
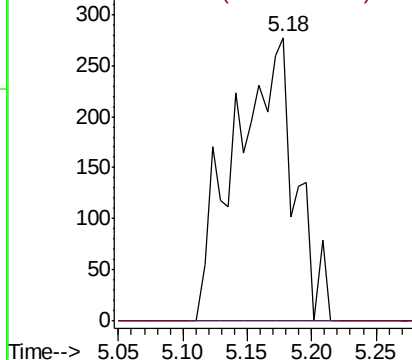


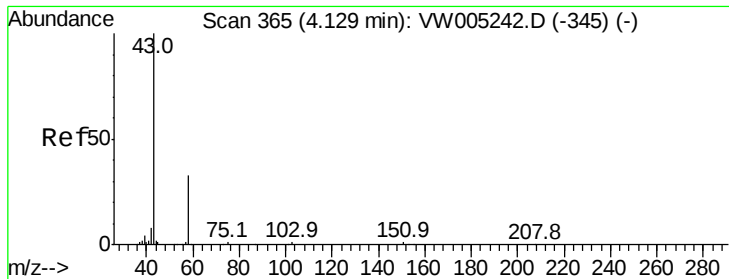
#11  
Tert butyl alcohol  
Concen: 2.653 ug/l  
RT: 5.18 min Scan# 537  
Delta R.T. 0.01 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 59 Resp: 899  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW  
Ion 57.00 (56.70 to 57.70): VW

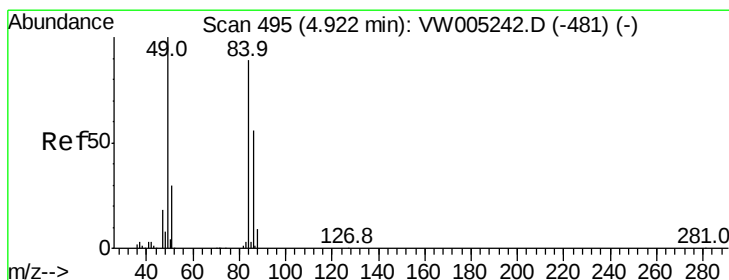
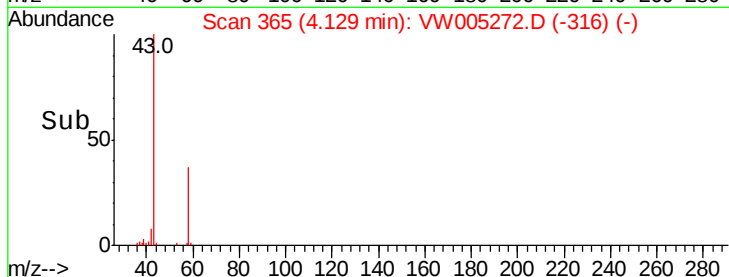
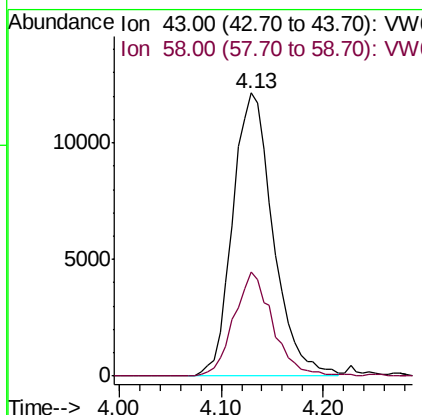
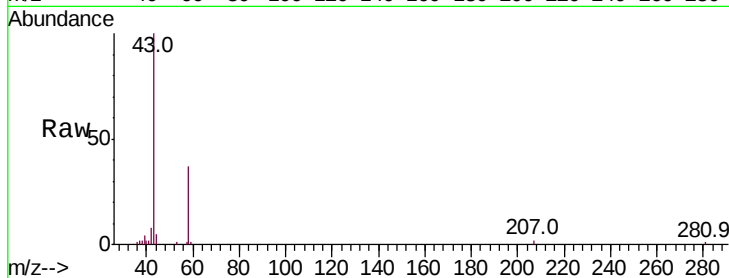




#16  
Acetone  
Concen: 43.593 ug/l  
RT: 4.13 min Scan# 365  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

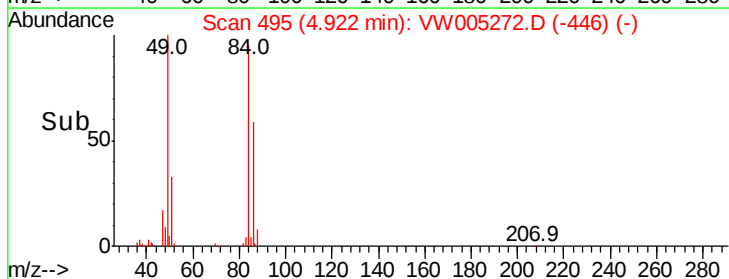
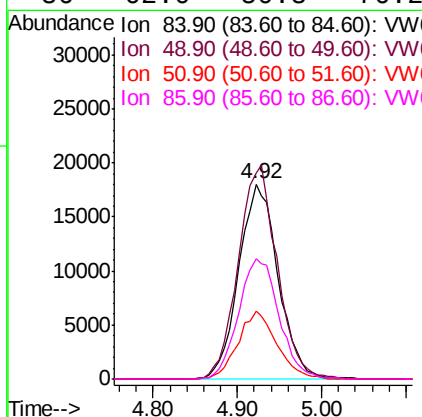
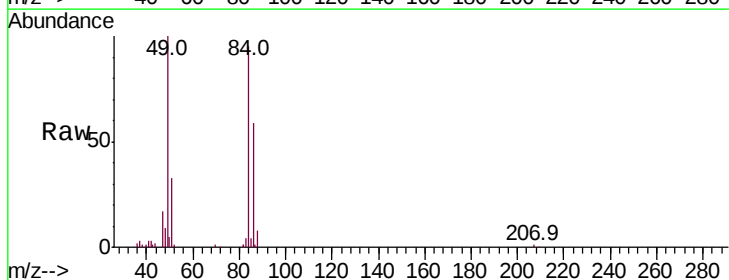
Instrument :  
MSVOA\_W  
ClientSampled :

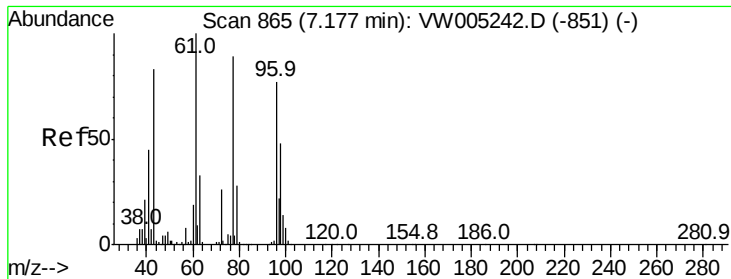
Tot Ion: 43 Resp: 33437  
Ion Ratio Lower Upper  
43 100  
58 36.8 26.7 40.1



#20  
Methylene Chloride  
Concen: 7.184 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 84 Resp: 57024  
Ion Ratio Lower Upper  
84 100  
49 105.5 90.3 135.5  
51 34.7 26.9 40.3  
86 62.0 50.8 76.2





#25

2-Butanone

Concen: 4.427 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

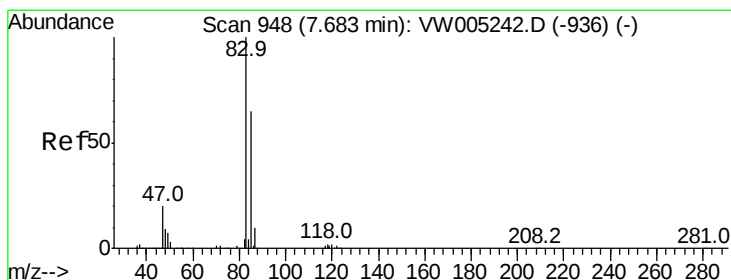
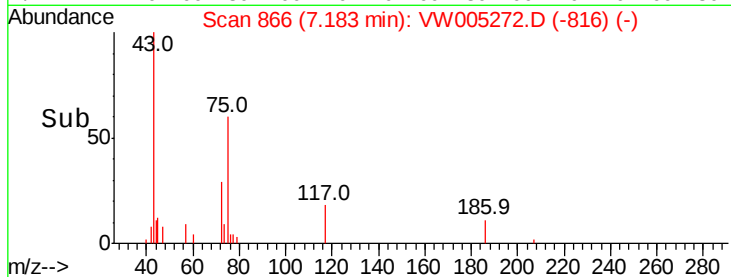
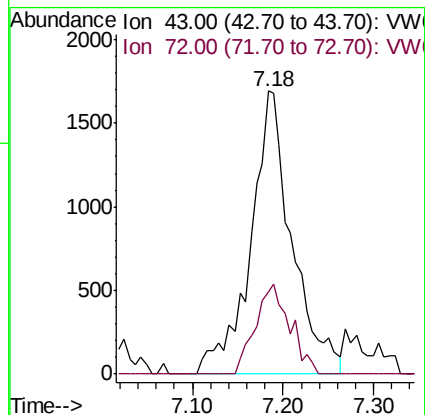
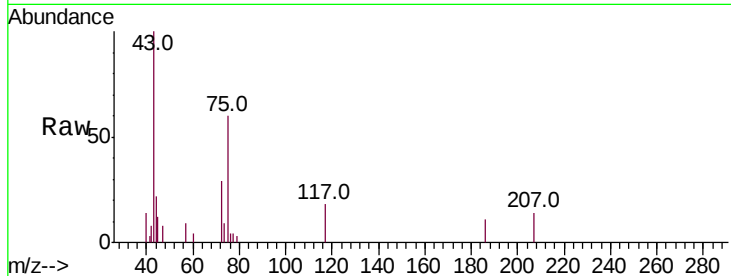
Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion: 43 Resp: 5356

Ion Ratio Lower Upper

43 100

72 28.9 25.0 37.6



#30

Chloroform

Concen: 2.461 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW005272.D

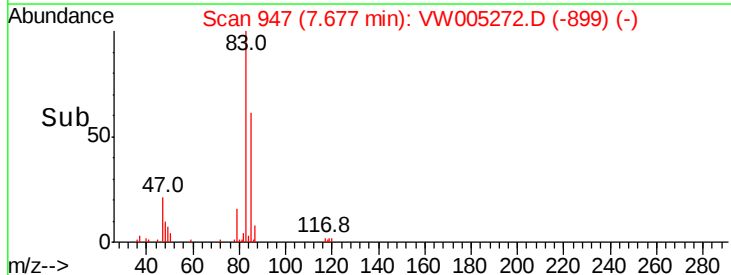
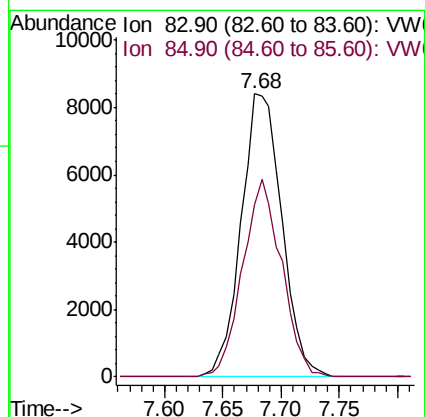
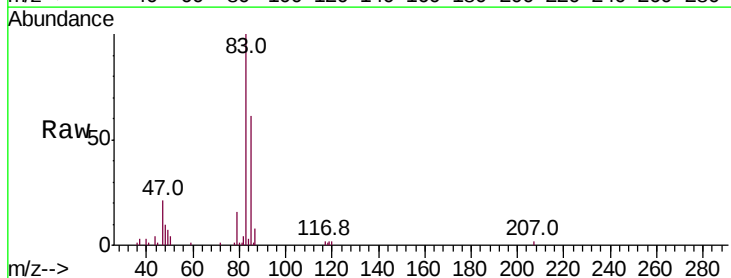
Acq: 11 Sep 2018 13:45

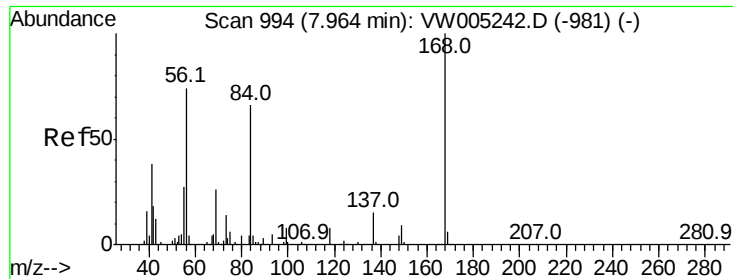
Tgt Ion: 83 Resp: 20528

Ion Ratio Lower Upper

83 100

85 60.8 51.7 77.5

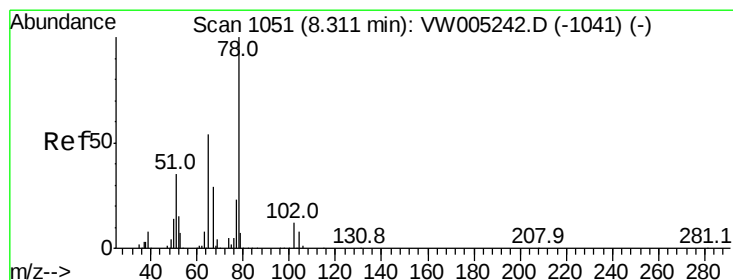
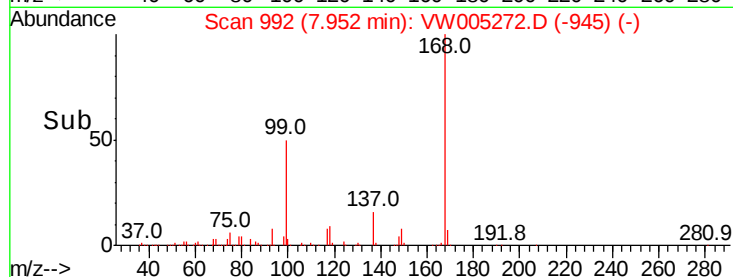
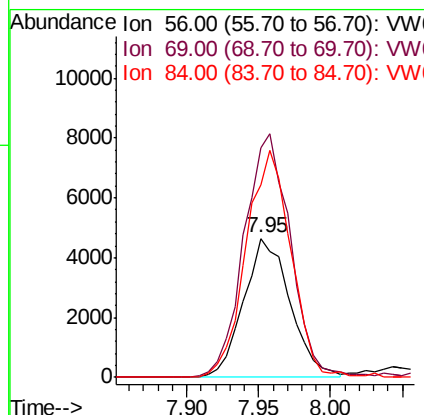
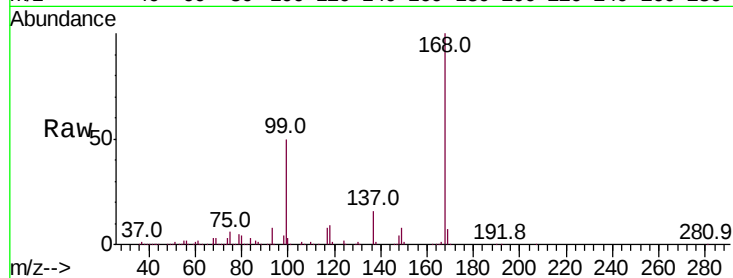




#31  
Cyclohexane  
Concen: 1.175 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

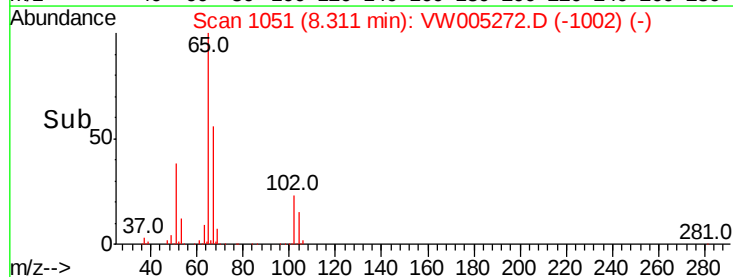
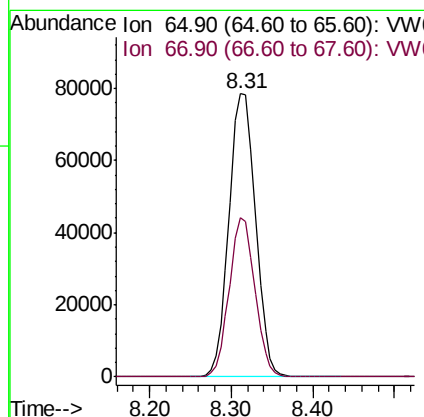
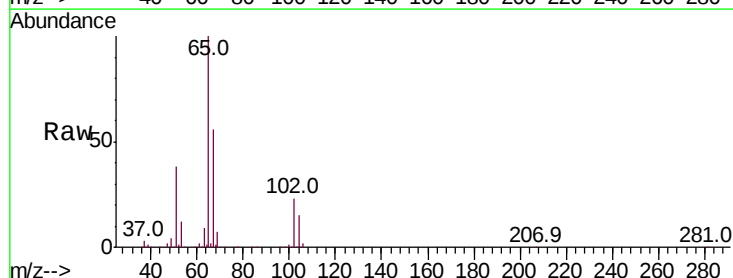
Instrument :  
MSVOA\_W  
ClientSampleId :

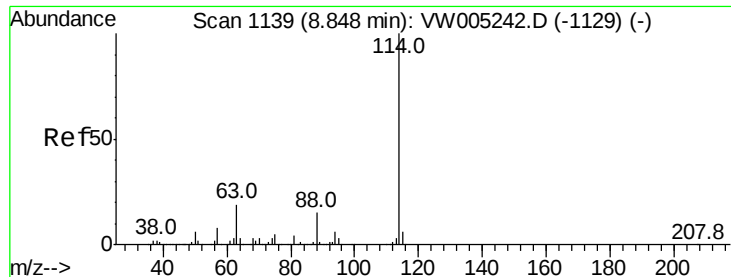
Tot Ion: 56 Resp: 10389  
Ion Ratio Lower Upper  
56 100  
69 164.6 27.8 41.8#  
84 138.6 72.1 108.1#



#33  
1,2-Dichloroethane-d4  
Concen: 42.819 ug/l  
RT: 8.31 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 65 Resp: 176944  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 112.2

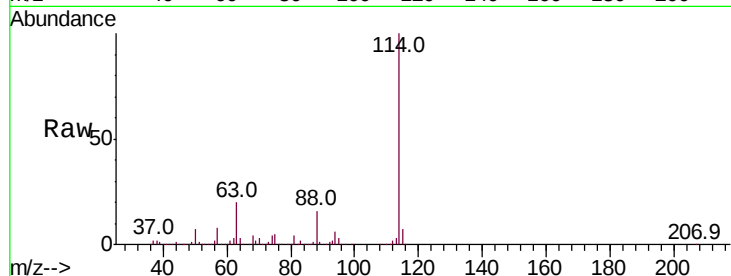




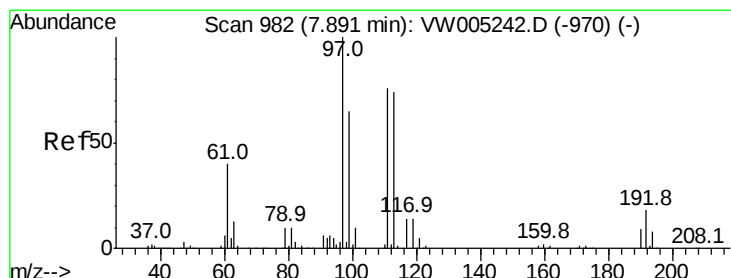
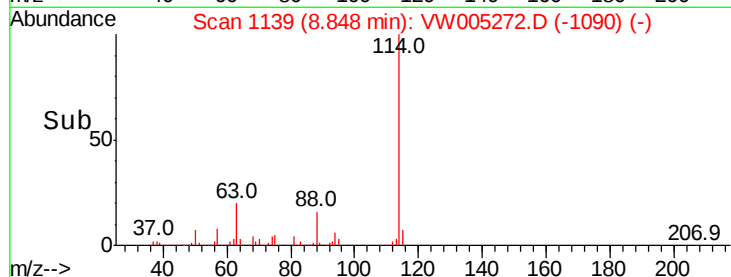
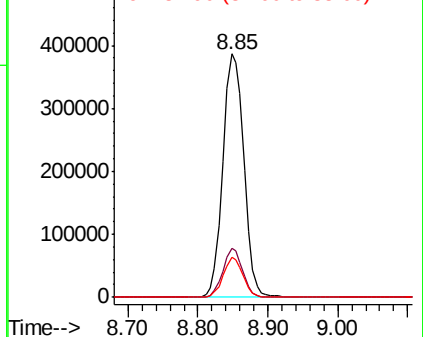
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.85 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion:114 Resp: 806053  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 37.0  
88 16.4 0.0 30.4

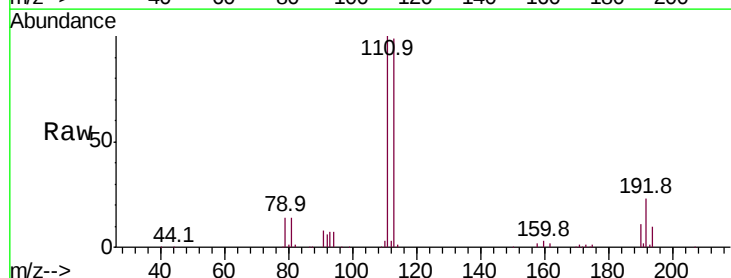


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VW  
Ion 87.90 (87.60 to 88.60): VW

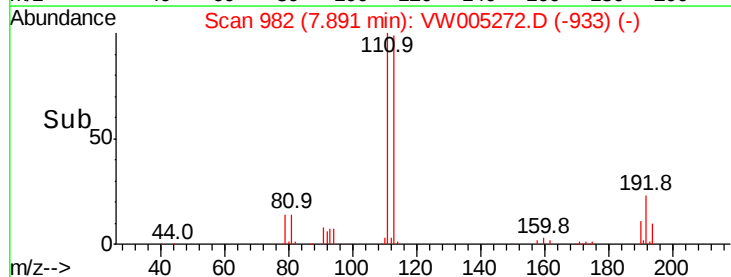
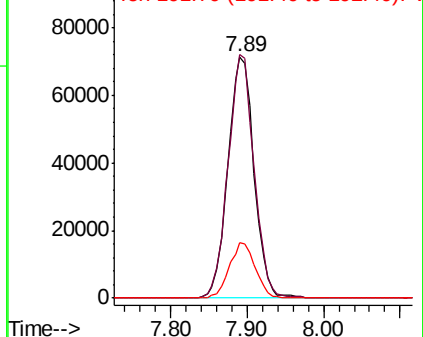


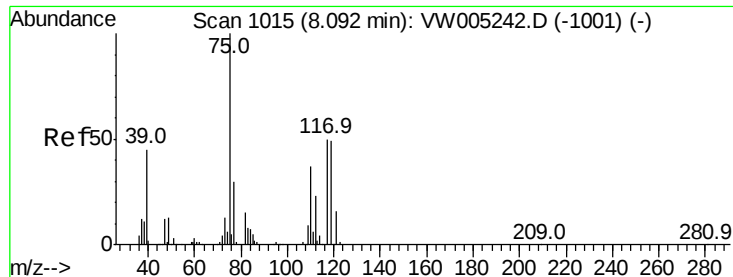
#35  
Dibromofluoromethane  
Concen: 39.745 ug/l  
RT: 7.89 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion:113 Resp: 167819  
Ion Ratio Lower Upper  
113 100  
111 100.4 80.6 121.0  
192 22.7 18.3 27.5



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: 4.578 ug/l

RT: 7.96 min Scan# 993

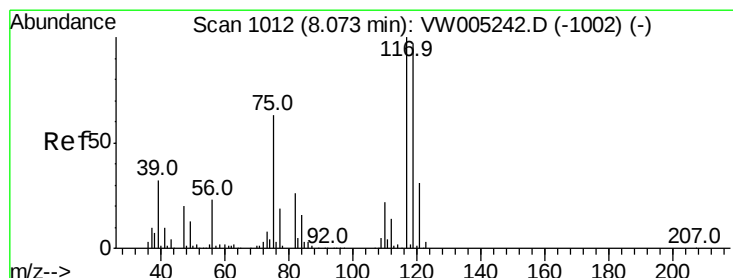
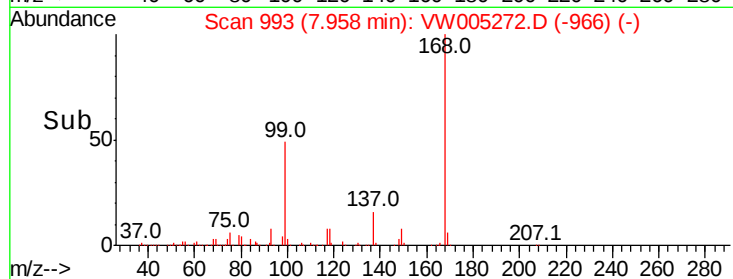
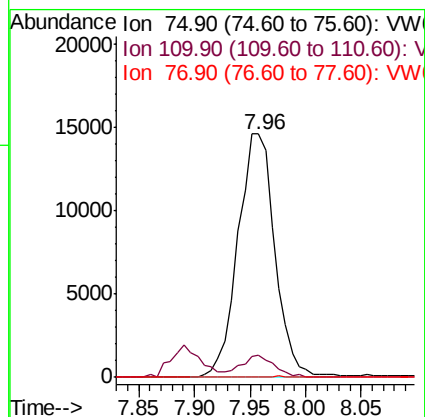
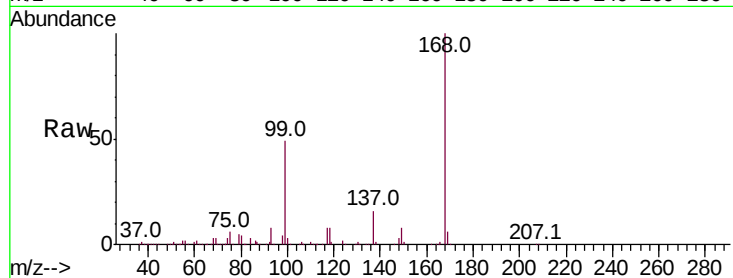
Delta R.T. -0.13 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 33811 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.1   | 18.8  | 56.4# |
| 77       | 0.1   | 24.9  | 37.3# |



#38

Carbon Tetrachloride

Concen: 6.649 ug/l

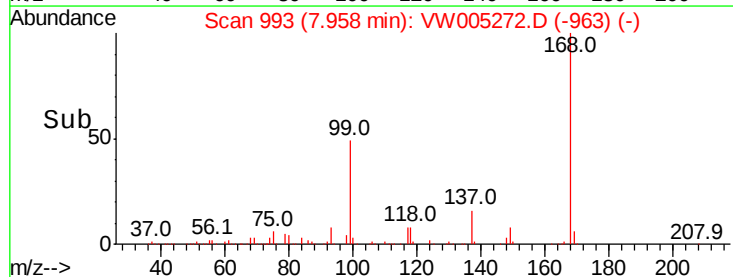
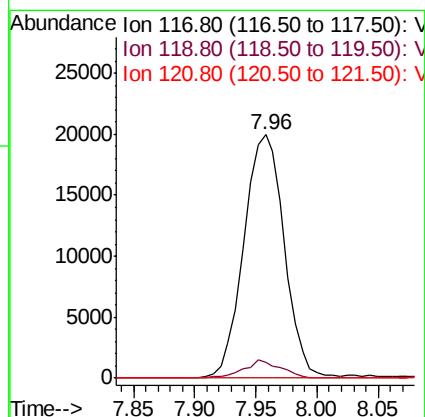
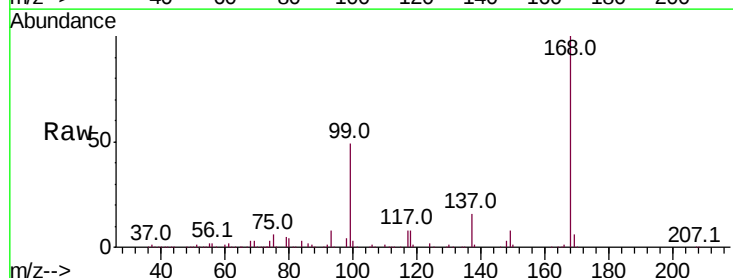
RT: 7.96 min Scan# 993

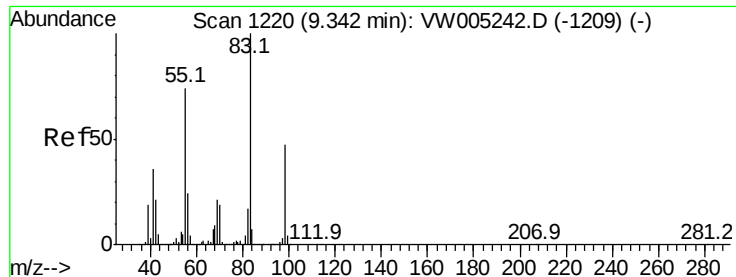
Delta R.T. -0.12 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 45993  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 6.5   | 77.5  | 116.3# |
| 121      | 0.0   | 24.7  | 37.1#  |

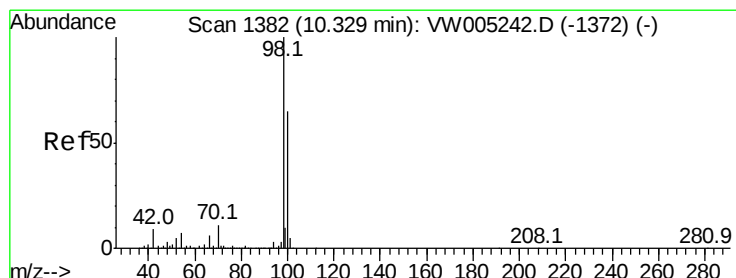
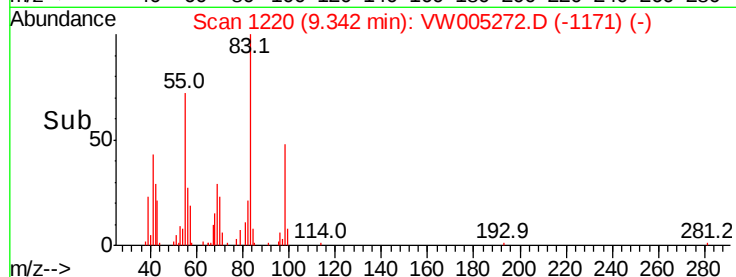
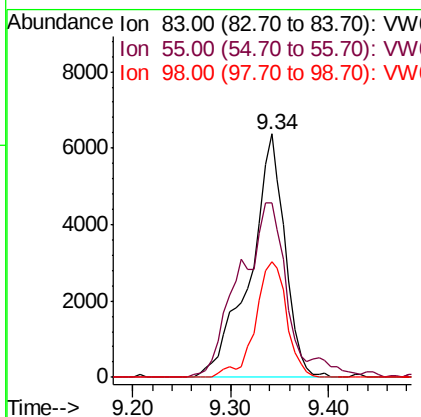
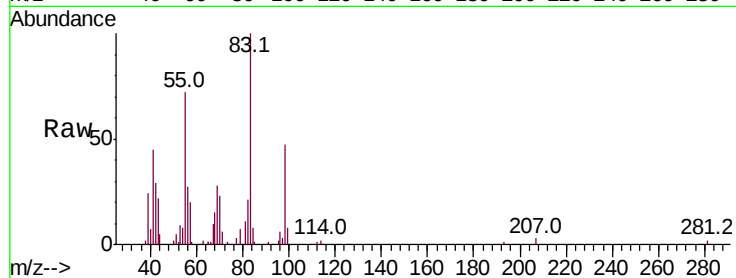




#39  
Methvlcvclohexane  
Concen: 1.610 ug/l  
RT: 9.34 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

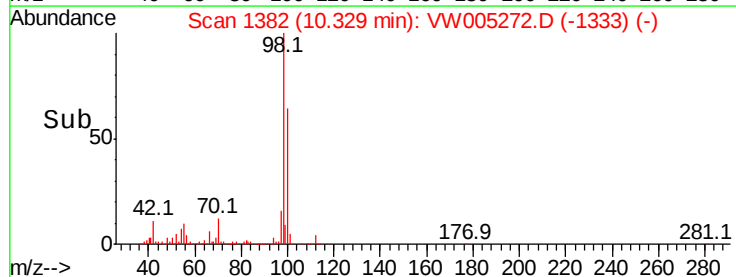
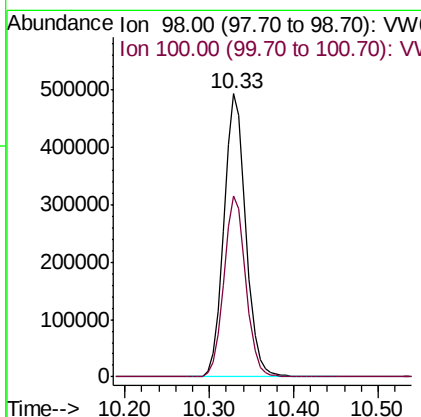
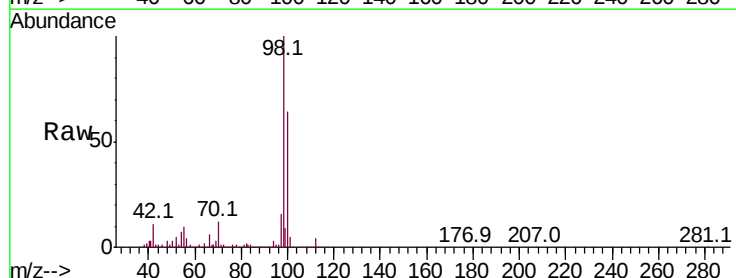
Instrument :  
MSVOA\_W  
ClientSampled :

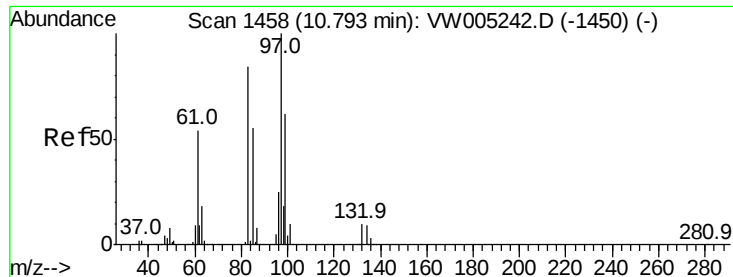
Tot Ion: 83 Resp: 15789  
Ion Ratio Lower Upper  
83 100  
55 71.7 58.9 88.3  
98 47.5 37.6 56.4



#50  
Toluene-d8  
Concen: 41.226 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 98 Resp: 879619  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.0 78.0

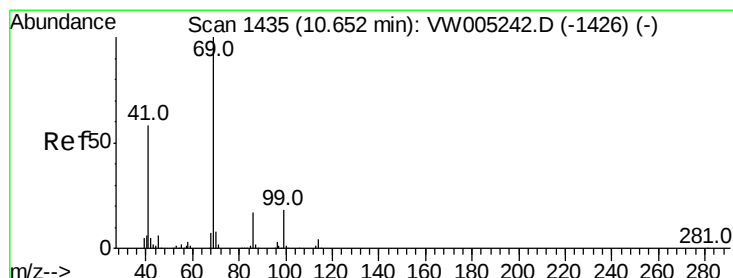
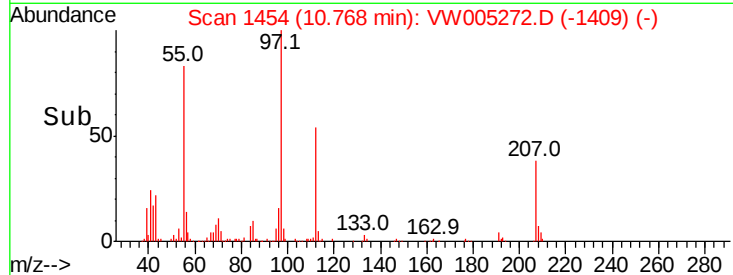
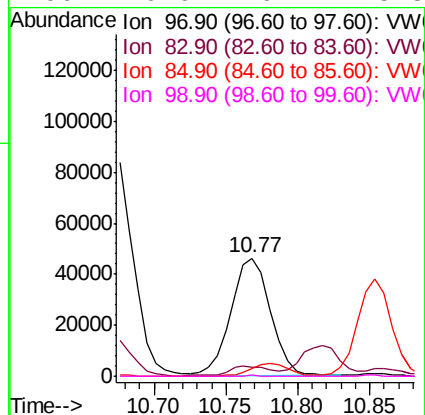
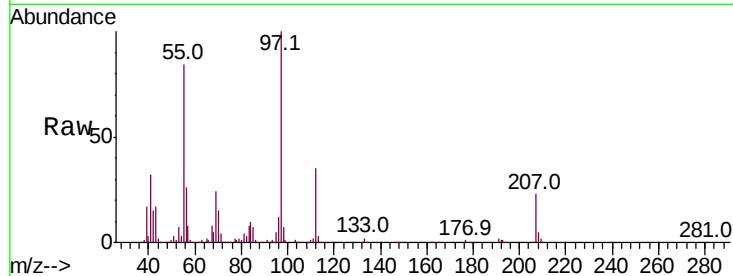




#55  
1,1,2-Trichloroethane  
Concen: 21.550 ug/l  
RT: 10.77 min Scan# 1454  
Delta R.T. -0.02 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

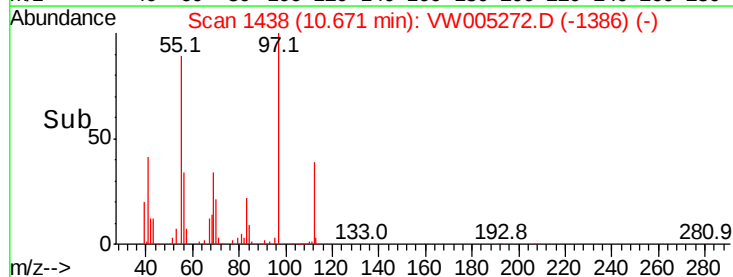
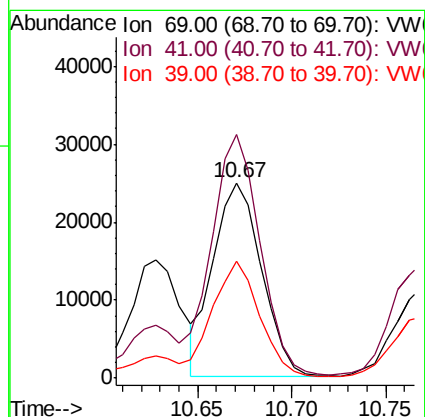
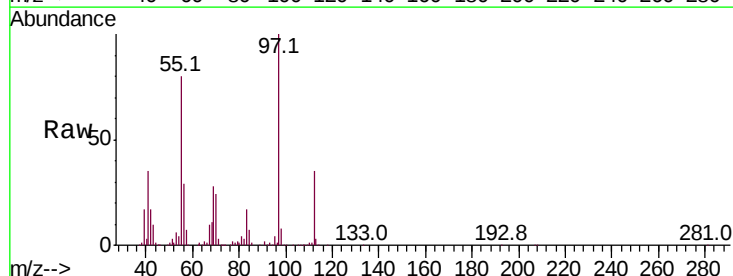
Instrument :  
MSVOA\_W  
ClientSampled :

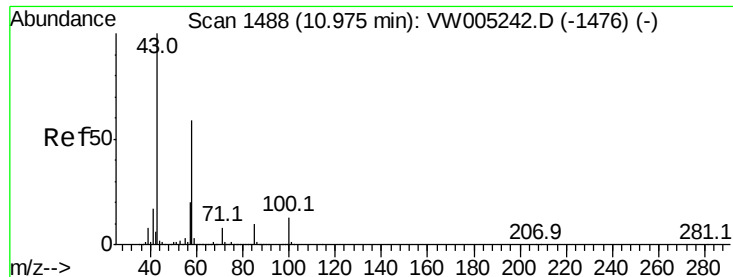
Tot Ion: 97 Resp: 87955  
Ion Ratio Lower Upper  
97 100  
83 7.5 67.2 100.8#  
85 6.8 44.4 66.6#  
99 0.6 49.2 73.8#



#56  
Ethyl methacrylate  
Concen: 8.510 ug/l  
RT: 10.67 min Scan# 1438  
Delta R.T. 0.02 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 69 Resp: 44032  
Ion Ratio Lower Upper  
69 100  
41 125.0 48.7 73.1#  
39 58.9 20.9 31.3#

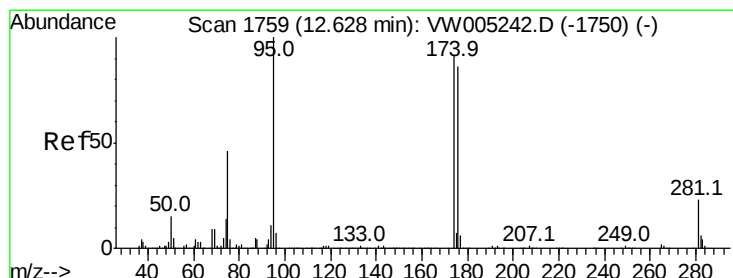
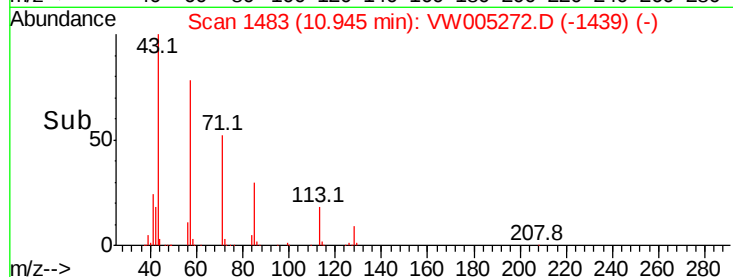
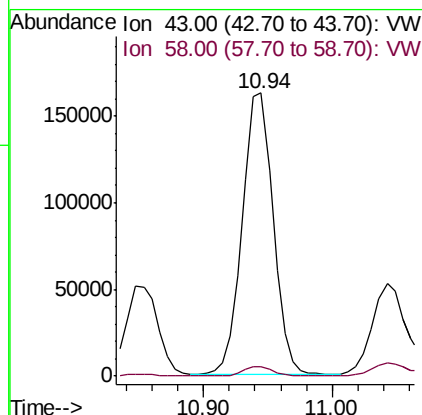
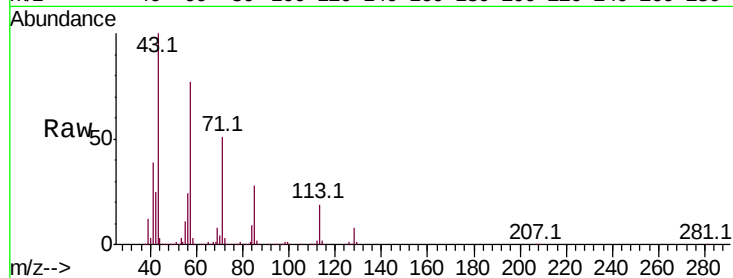




#59  
2-Hexanone  
Concen: 127.346 ug/l  
RT: 10.94 min Scan# 1483  
Delta R.T. -0.03 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

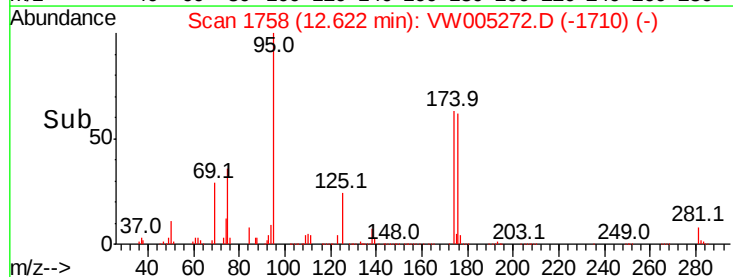
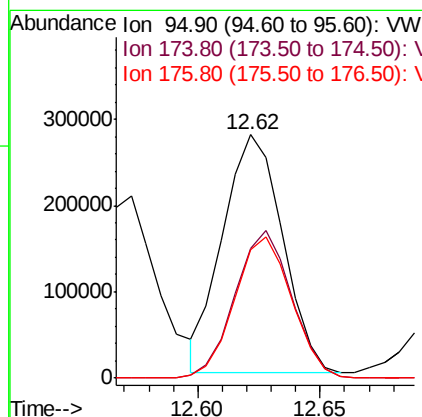
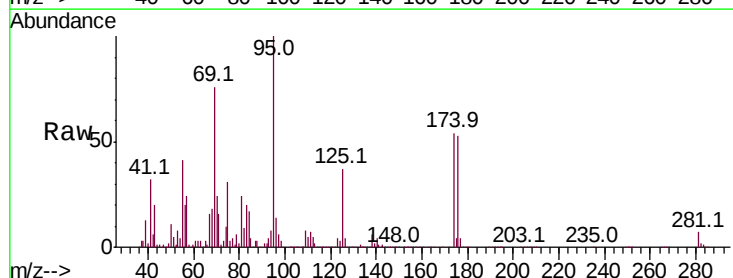
Instrument :  
MSVOA\_W  
ClientSampleId :

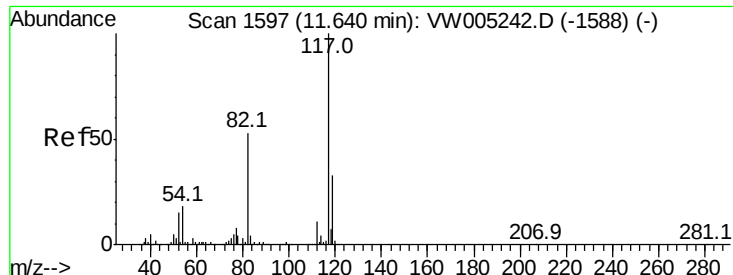
Tot Ion: 43 Resp: 269486  
Ion Ratio Lower Upper  
43 100  
58 3.7 29.3 87.9#



#62  
4-Bromofluorobenzene  
Concen: 60.377 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. -0.01 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 95 Resp: 471199  
Ion Ratio Lower Upper  
95 100  
174 58.7 0.0 174.6  
176 56.6 0.0 167.6

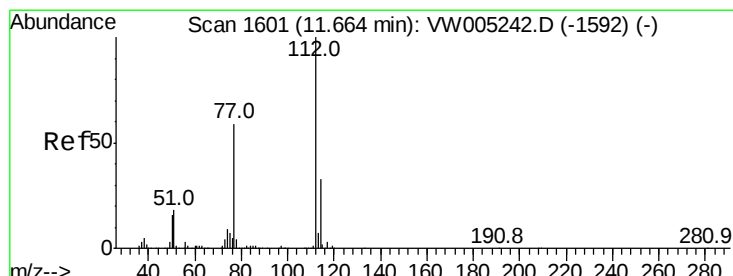
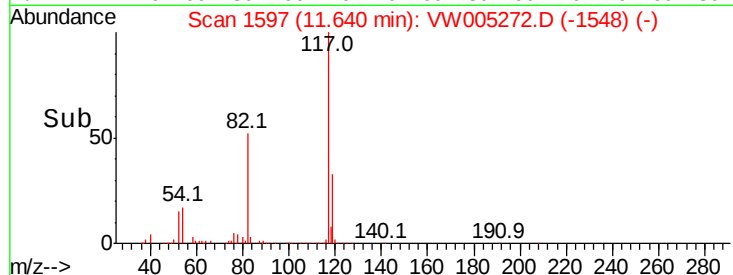
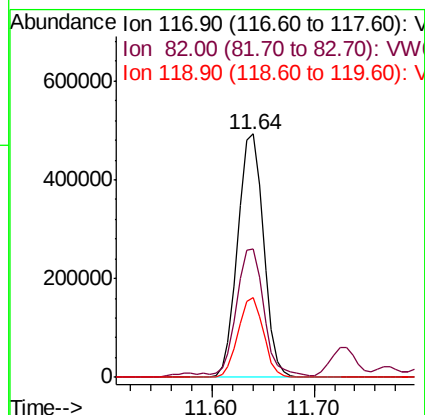
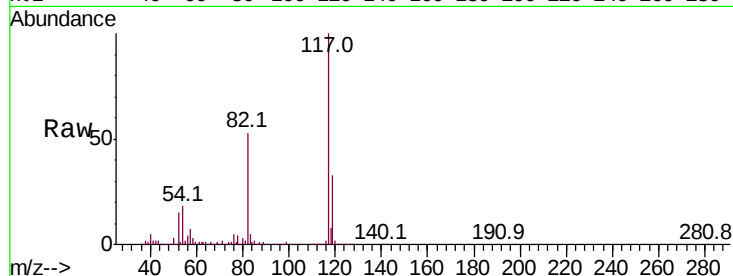




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

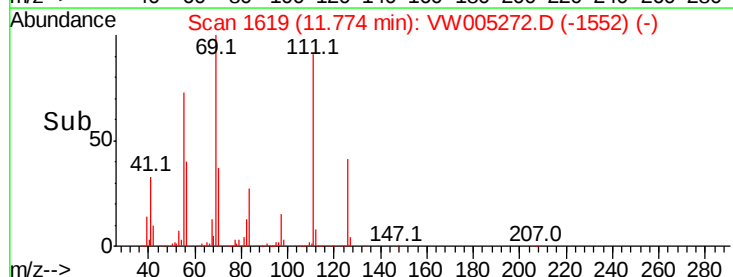
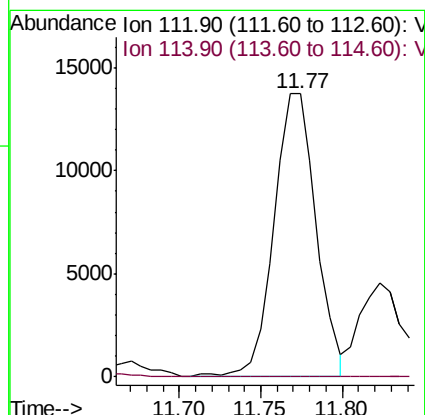
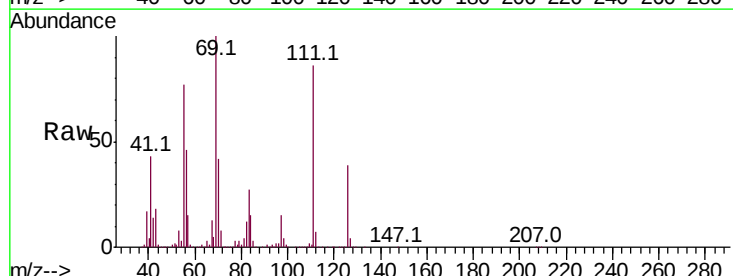
Instrument :  
MSVOA\_W  
ClientSampleId :

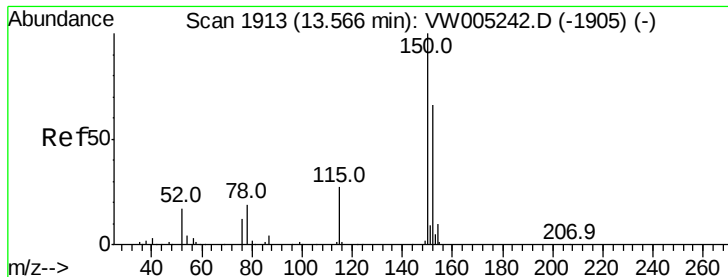
Tot Ion:117 Resp: 861520  
Ion Ratio Lower Upper  
117 100  
82 51.2 42.6 63.8  
119 32.8 26.2 39.4



#65  
Chlorobenzene  
Concen: 1.291 ug/l  
RT: 11.77 min Scan# 1619  
Delta R.T. 0.11 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion:112 Resp: 24368  
Ion Ratio Lower Upper  
112 100  
114 0.0 26.2 39.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

ClientSampled :

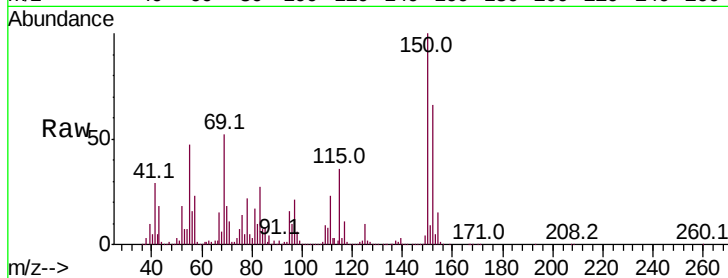
Tot Ion:152 Resp: 477058

Ion Ratio Lower Upper

152 100

115 50.0 27.5 82.4

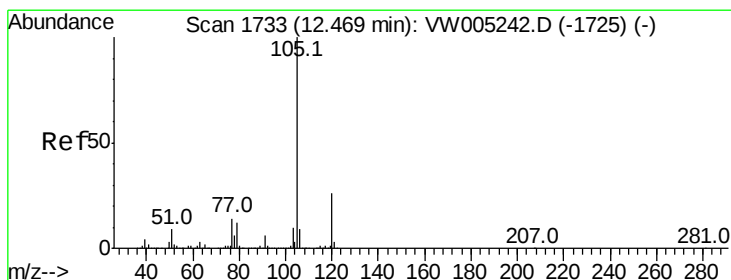
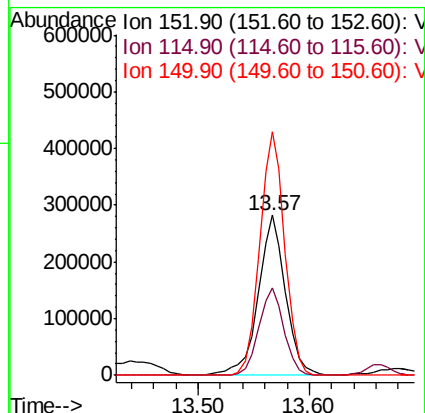
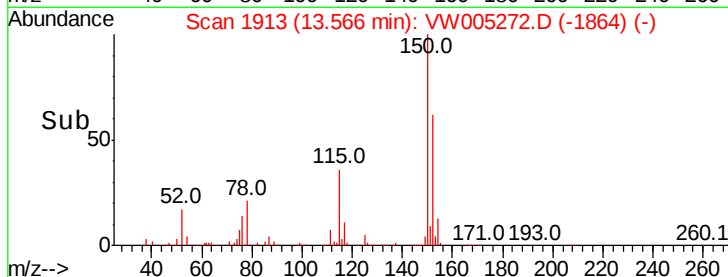
150 139.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 21.446 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005272.D

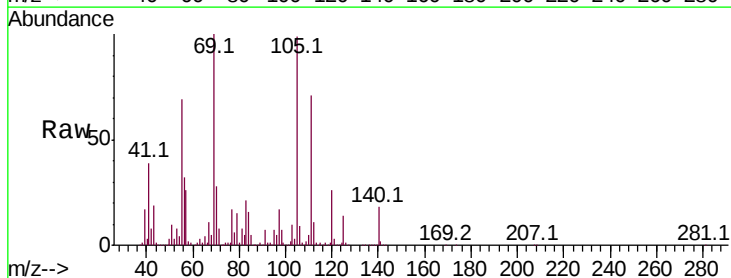
Acq: 11 Sep 2018 13:45

Tgt Ion:105 Resp: 722854

Ion Ratio Lower Upper

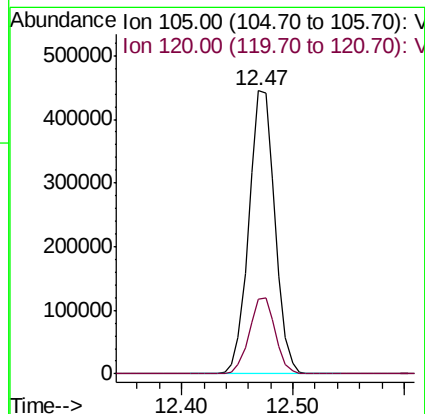
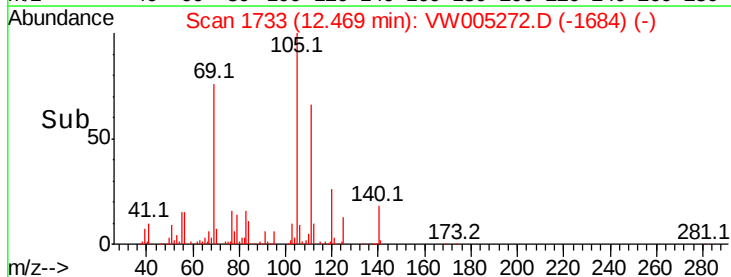
105 100

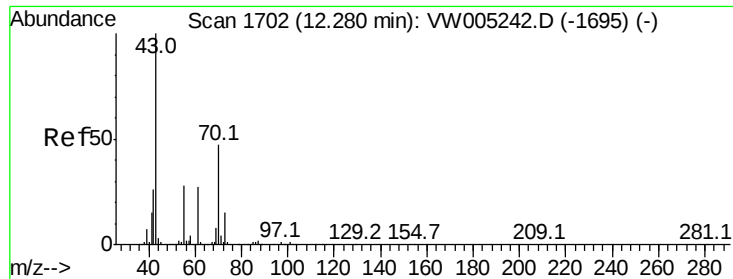
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 255.344 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

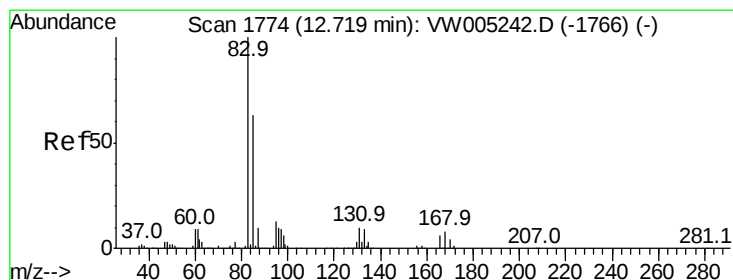
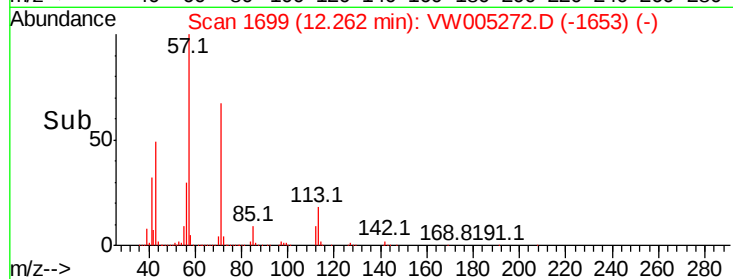
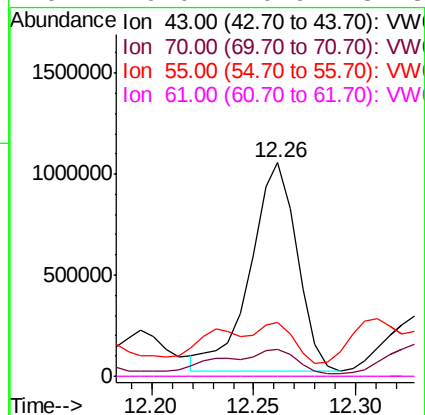
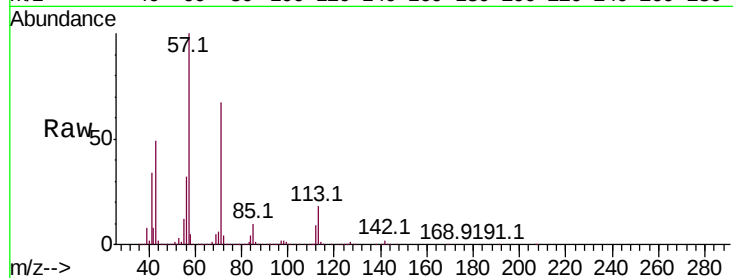
Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion: 43 Resp: 1637539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 18.9  | 37.9  | 56.9# |
| 55  | 15.4  | 22.6  | 33.8# |
| 61  | 0.0   | 20.9  | 31.3# |



#75

1,1,2,2-Tetrachloroethane

Concen: 41.321 ug/l

RT: 12.70 min Scan# 1771

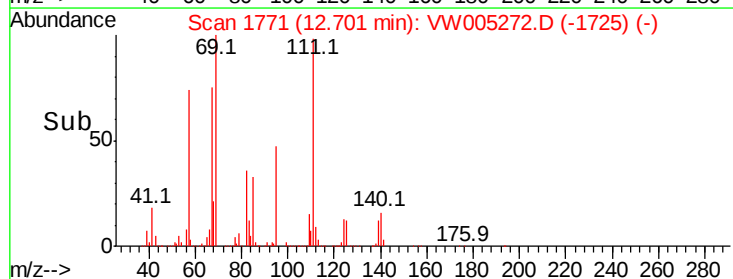
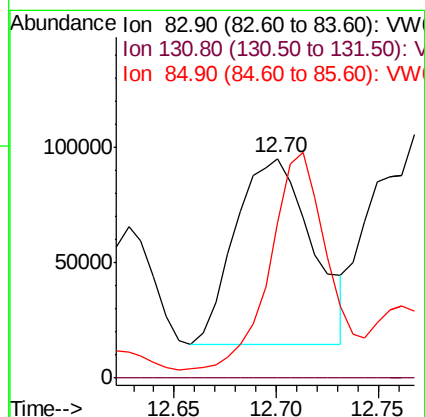
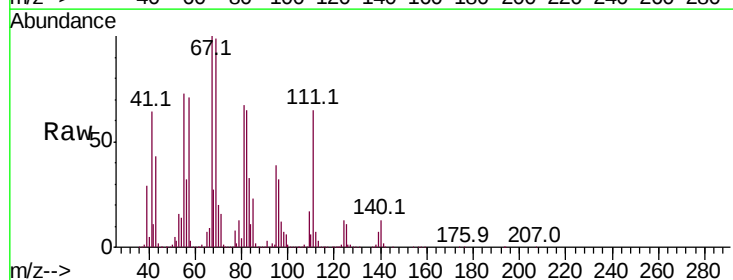
Delta R.T. -0.02 min

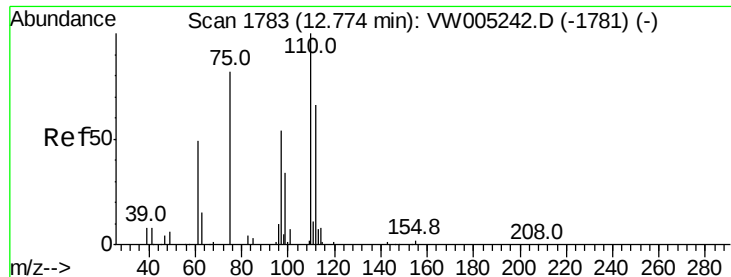
Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Tgt Ion: 83 Resp: 209317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.1   | 5.5   | 16.4# |
| 85  | 87.8  | 31.6  | 95.0  |





#76

1,2,3-Trichloropropane

Concen: 2.345 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

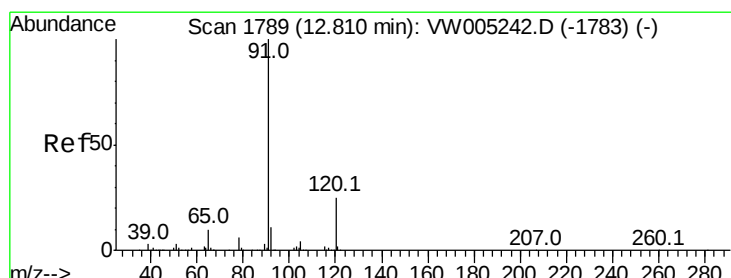
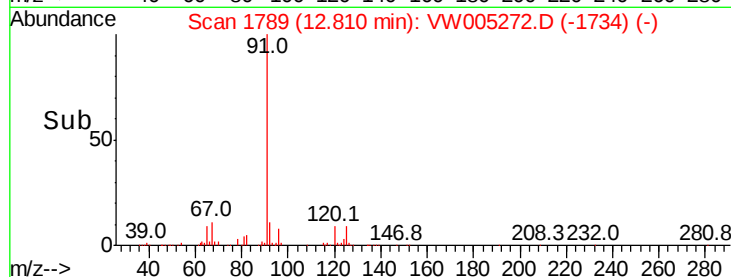
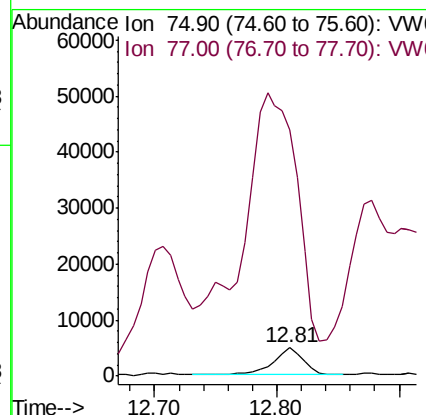
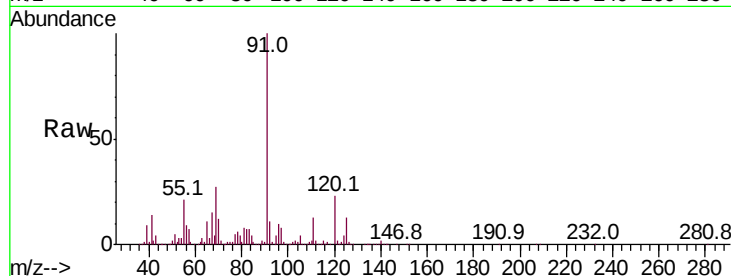
ClientSampleId :

Tot Ion: 75 Resp: 8605

Ion Ratio Lower Upper

75 100

77 1486.7 0.0 0.0#



#78

n-propylbenzene

Concen: 34.401 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005272.D

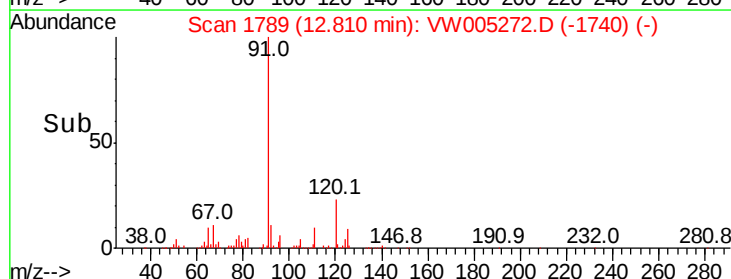
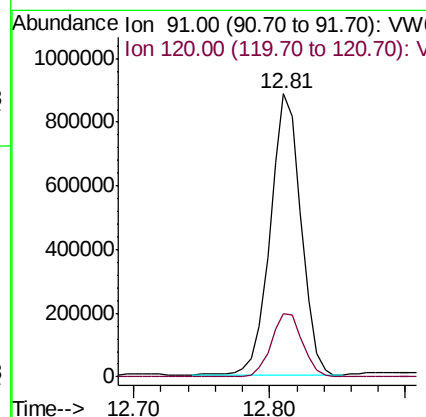
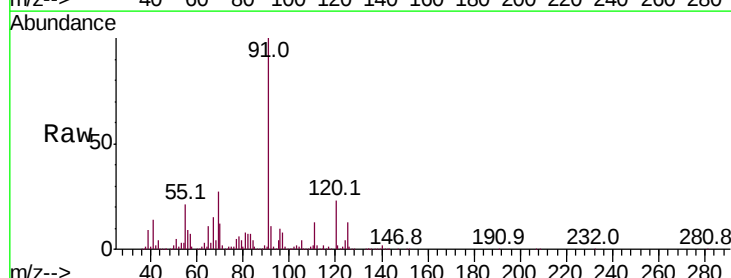
Acq: 11 Sep 2018 13:45

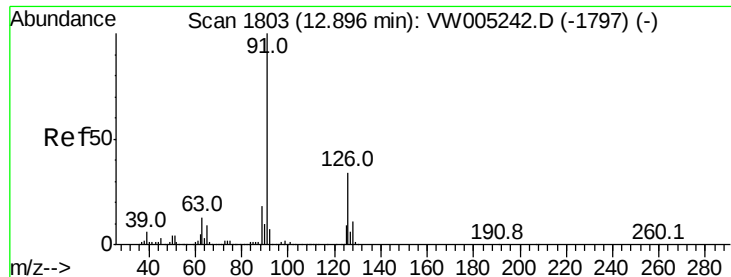
Tgt Ion: 91 Resp: 1392631

Ion Ratio Lower Upper

91 100

120 22.8 12.0 36.0





#79

2-Chlorotoluene

Concen: 59.989 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.09 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

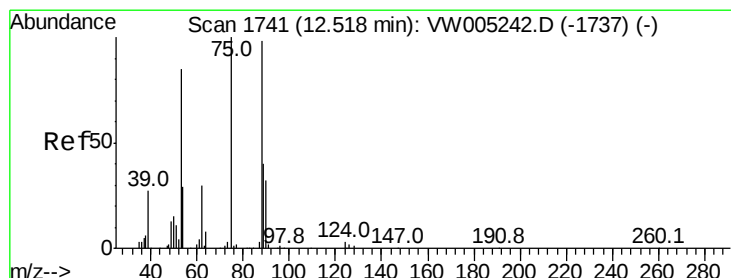
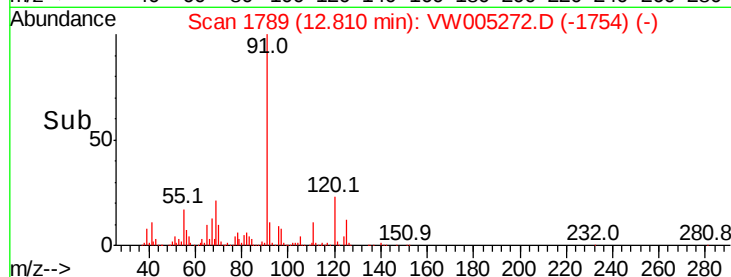
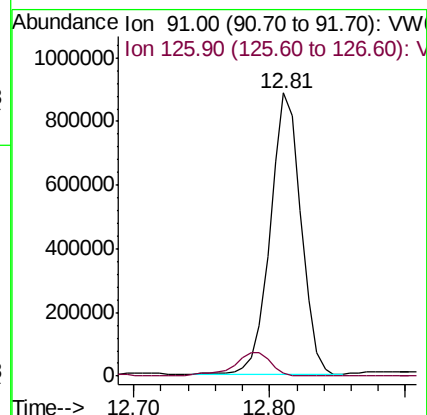
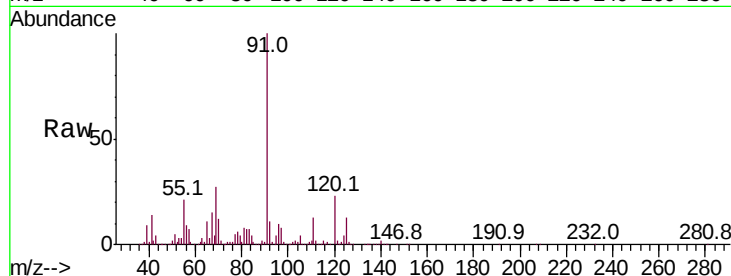
ClientSampleId :

Tot Ion: 91 Resp: 1392631

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 4.624 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

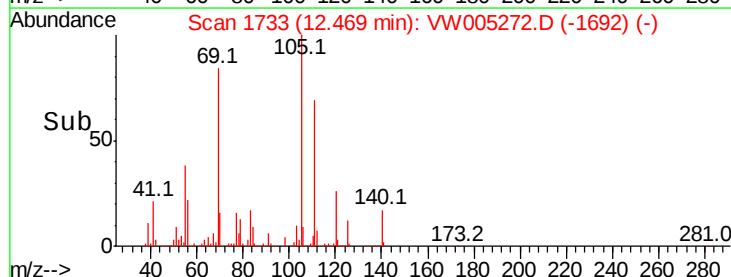
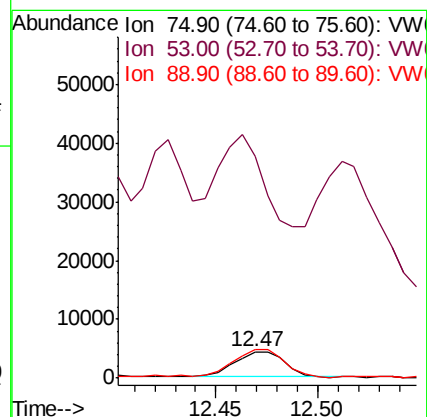
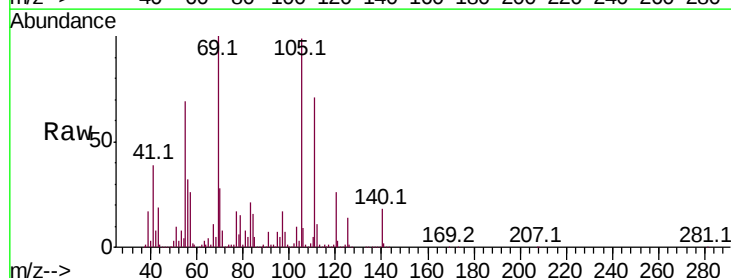
Tgt Ion: 75 Resp: 7235

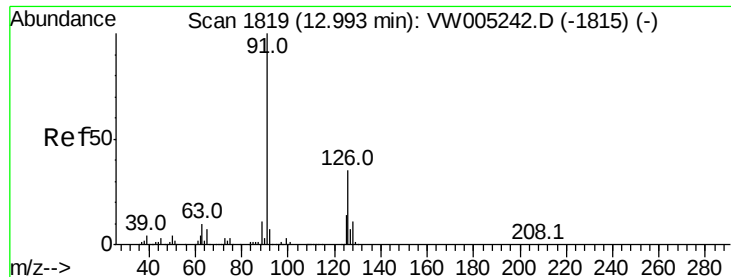
Ion Ratio Lower Upper

75 100

53 292.8 67.0 100.6#

89 123.1 37.0 55.4#





#82

4-Chlorotoluene

Concen: 57.092 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.18 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

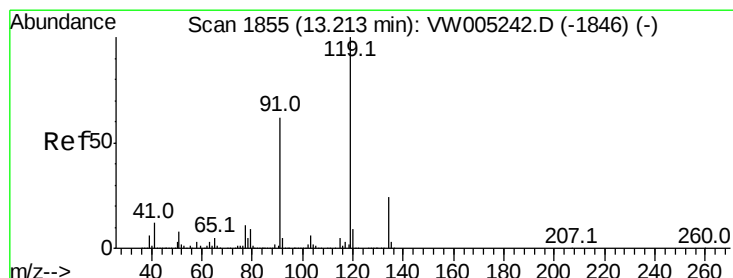
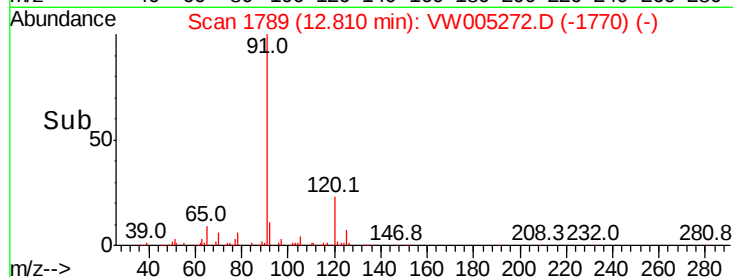
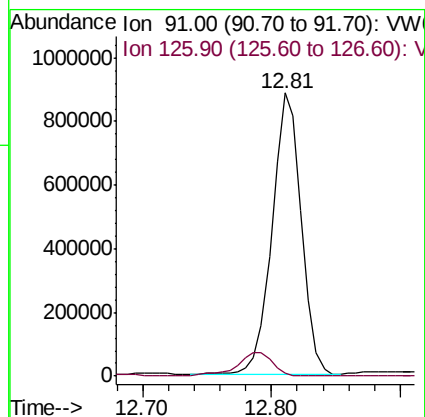
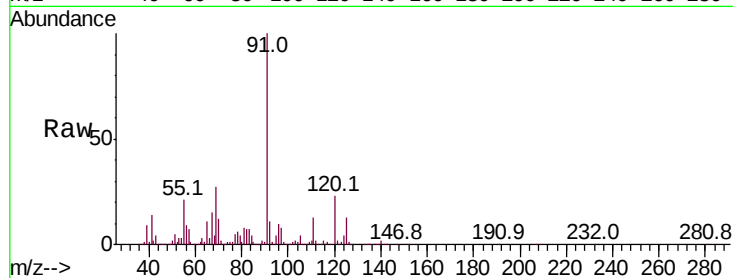
ClientSampleId :

Tot Ion: 91 Resp: 1393087

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#83

tert-Butylbenzene

Concen: 4.400 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

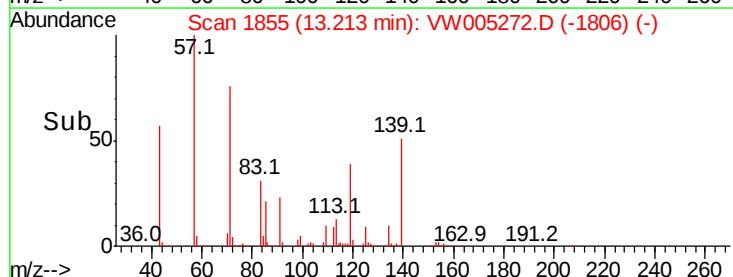
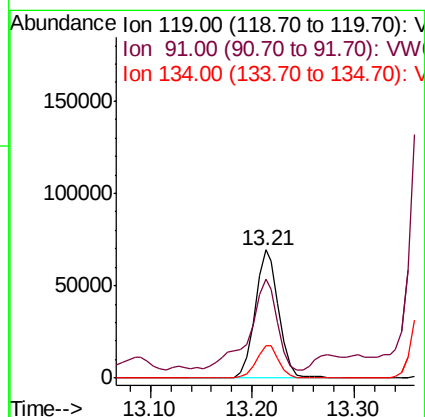
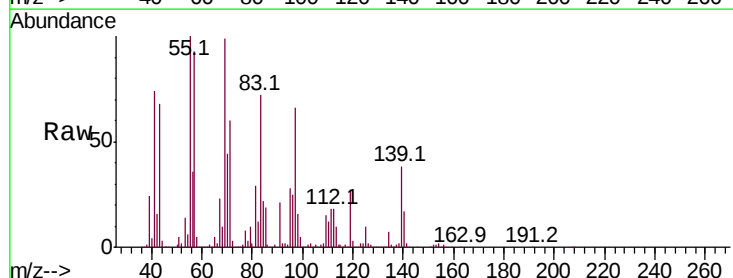
Tgt Ion: 119 Resp: 110462

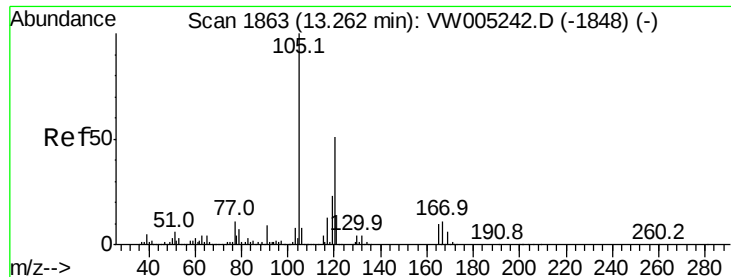
Ion Ratio Lower Upper

119 100

91 85.9 31.7 95.1

134 25.2 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 37.453 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.13 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

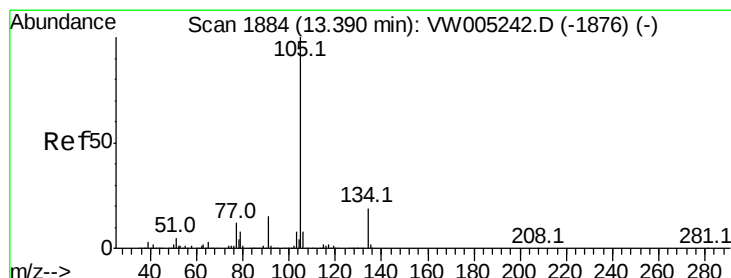
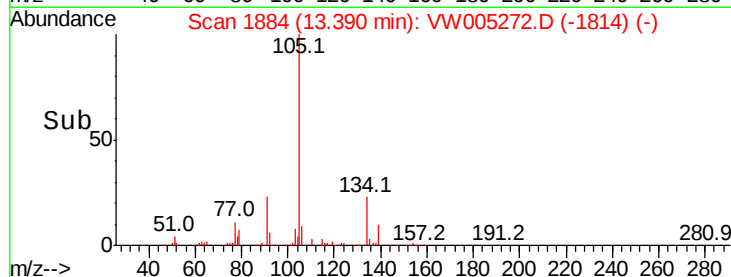
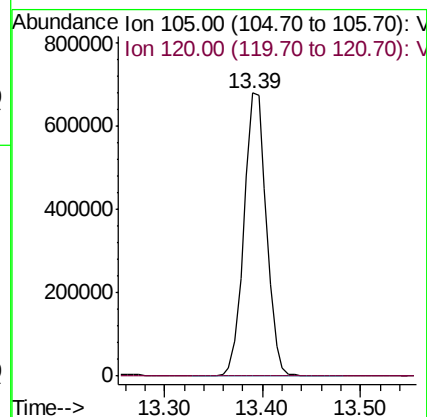
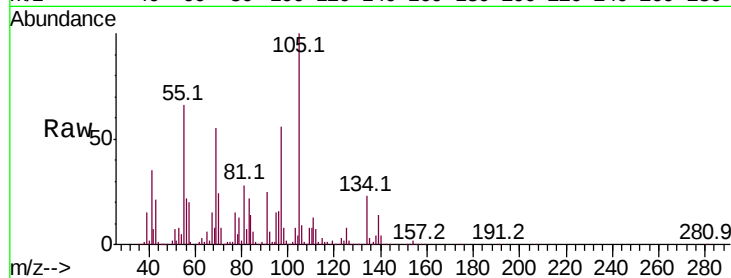
ClientSampleId :

Tot Ion:105 Resp: 1080217

Ion Ratio Lower Upper

105 100

120 0.2 23.4 70.3#



#85

sec-Butylbenzene

Concen: 29.946 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005272.D

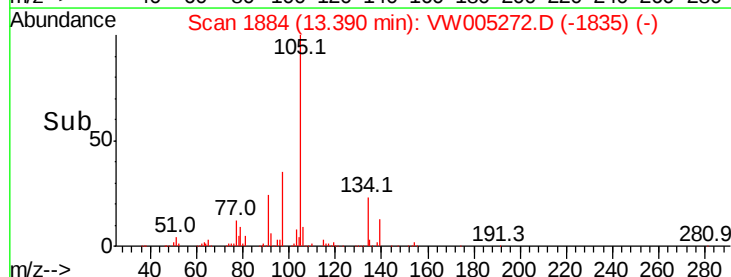
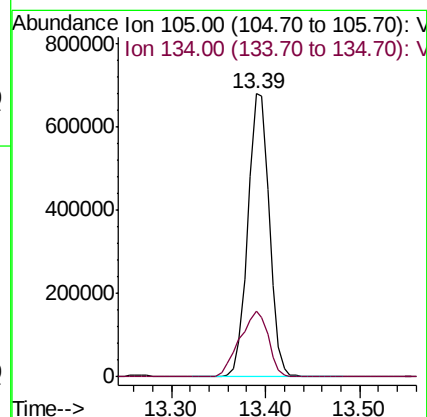
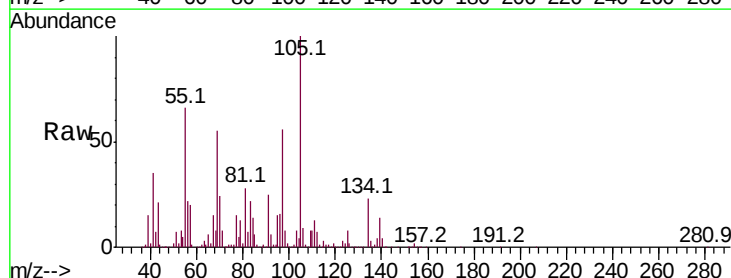
Acq: 11 Sep 2018 13:45

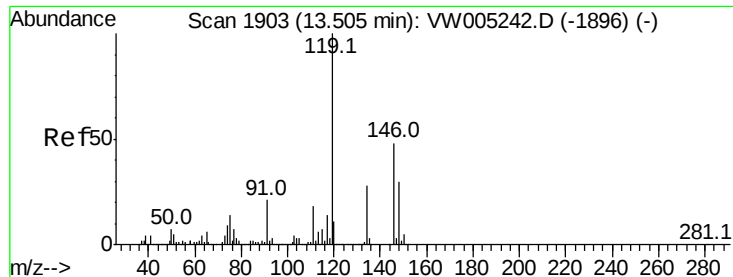
Tgt Ion:105 Resp: 1080324

Ion Ratio Lower Upper

105 100

134 30.9 9.9 29.7#

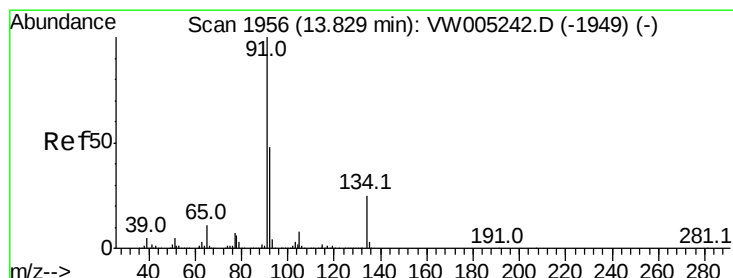
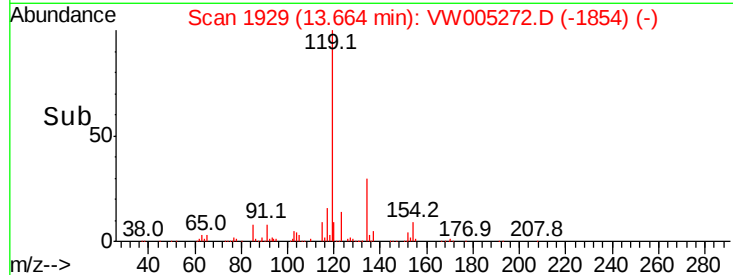
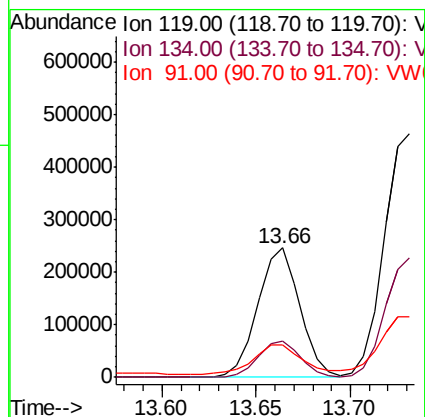
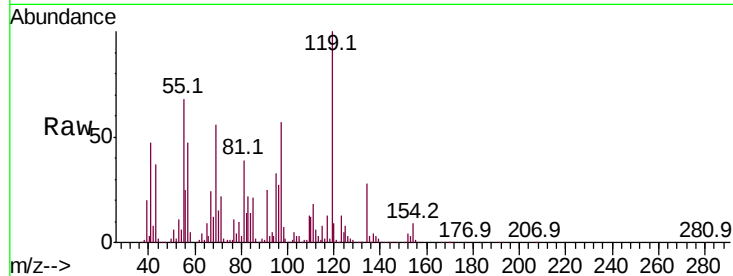




#86  
p-Isopropyltoluene  
Concen: 11.874 ug/l  
RT: 13.66 min Scan# 1929  
Delta R.T. 0.16 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

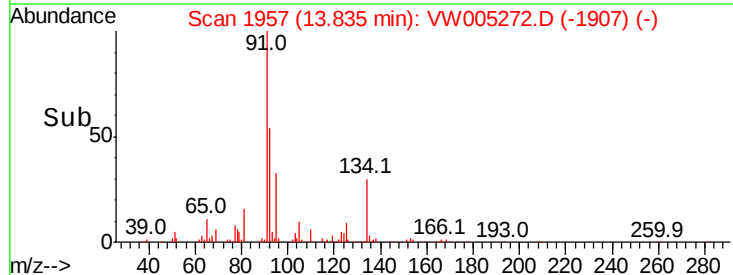
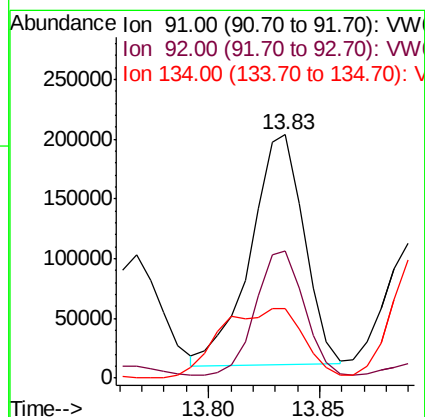
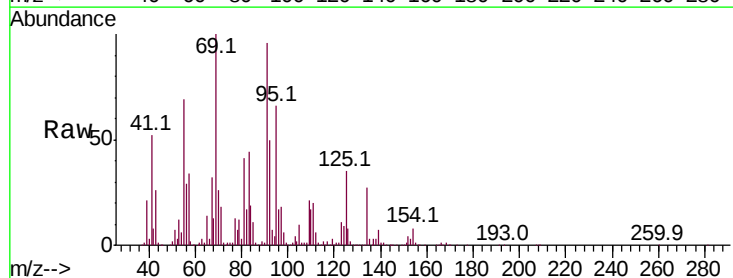
Instrument :  
MSVOA\_W  
ClientSampleId :

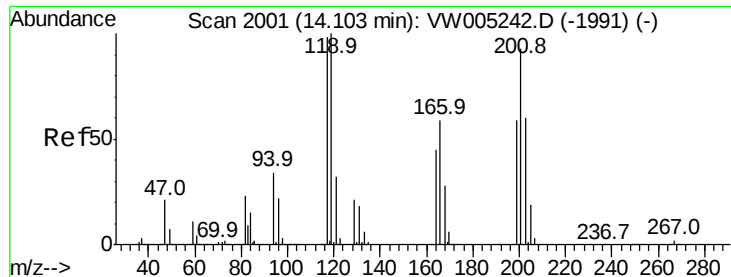
Tot Ion:119 Resp: 379211  
Ion Ratio Lower Upper  
119 100  
134 28.4 13.2 39.5  
91 27.7 10.7 32.1



#89  
n-Butylbenzene  
Concen: 10.694 ug/l  
RT: 13.83 min Scan# 1957  
Delta R.T. 0.01 min  
Lab File: VW005272.D  
Acq: 11 Sep 2018 13:45

Tgt Ion: 91 Resp: 321044  
Ion Ratio Lower Upper  
91 100  
92 51.0 25.8 77.3  
134 46.5 13.6 40.8#





#90

Hexachloroethane

Concen: 68.577 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

Instrument :

MSVOA\_W

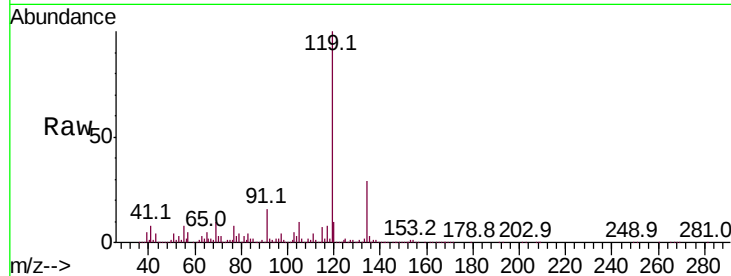
ClientSampleId :

Tot Ion:117 Resp: 350886

Ion Ratio Lower Upper

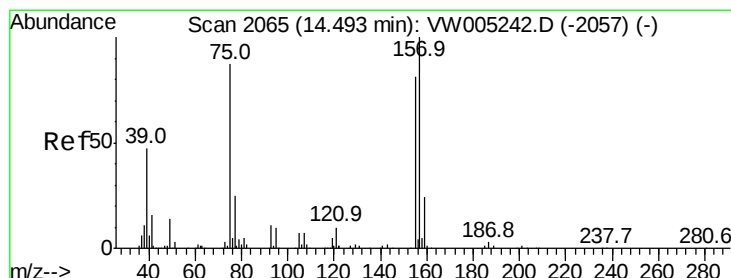
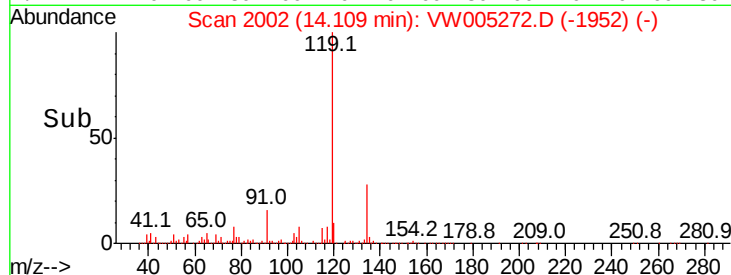
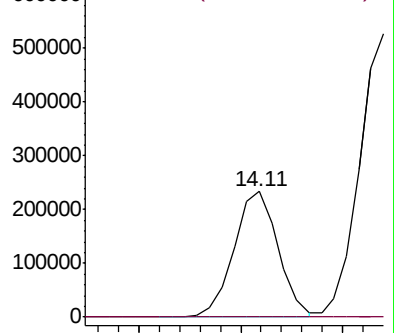
117 100

201 0.0 44.0 132.1#



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: 3.443 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005272.D

Acq: 11 Sep 2018 13:45

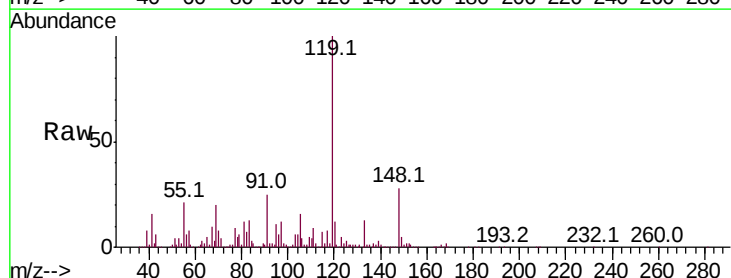
Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

155 0.0 47.4 142.2#

157 1.1 59.4 178.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

