

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\  
 Data File : VD064440.D  
 Acq On : 05 Dec 2019 17:02  
 Operator : VA/SY  
 Sample : K6164-01RE  
 Misc : 6.34G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 06 05:55:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 29 07:18:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 528622   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 844484   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 716428   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 240135   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 277565   | 58.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 116.02% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 274688   | 51.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.26% |      |
| 50) Toluene-d8            | 10.34  | 98  | 956944   | 47.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.50%  |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 278721   | 43.27 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.54%  |      |

## Target Compounds

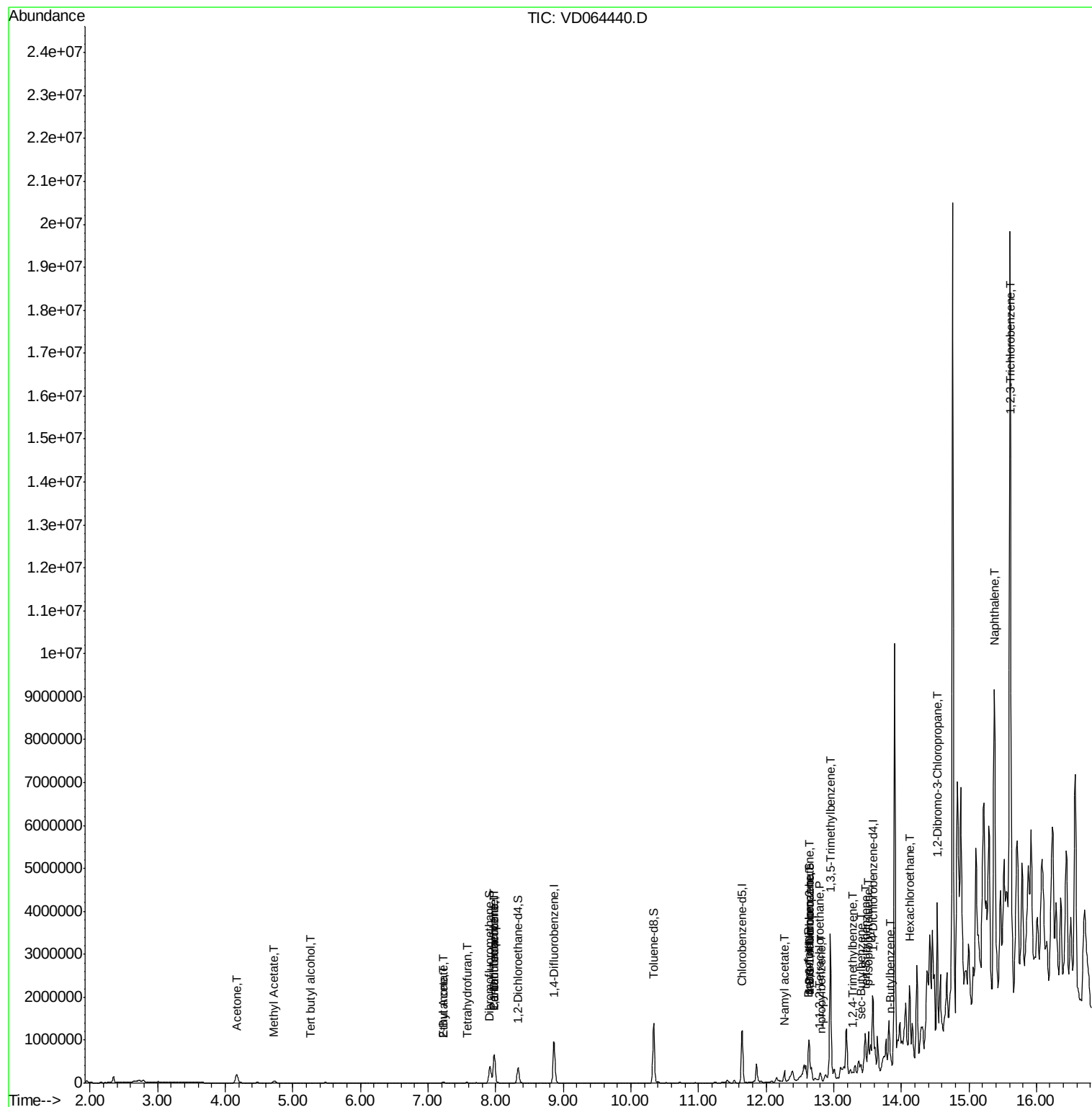
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 5.27  | 59  | 3725   | 12.230    | ug/l # | 100    |
| 16) Acetone                    | 4.17  | 43  | 339654 | 351.277   | ug/l   | 96     |
| 18) Methyl Acetate             | 4.72  | 43  | 74026  | 26.247    | ug/l   | 97     |
| 20) Methylene Chloride         | 4.96  | 84  | 1502   | Below Cal | #      | 46     |
| 25) 2-Butanone                 | 7.22  | 43  | 14359  | 10.501    | ug/l # | 90     |
| 29) Tetrahydrofuran            | 7.58  | 42  | 7677   | 8.824     | ug/l   | 98     |
| 31) Cyclohexane                | 7.98  | 56  | 11833  | Below Cal | #      | 33     |
| 36) 1,1-Dichloropropene        | 7.98  | 75  | 36659  | 4.589     | ug/l # | 48     |
| 37) Ethyl Acetate              | 7.22  | 43  | 14359  | 4.237     | ug/l # | 70     |
| 38) Carbon Tetrachloride       | 7.98  | 117 | 47793  | 5.669     | ug/l # | 16     |
| 71) Bromoform                  | 12.63 | 173 | 3797   | 1.147     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.27 | 43  | 55595  | 14.183    | ug/l # | 67     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.80 | 83  | 16841  | 5.897     | ug/l # | 27     |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75  | 143161 | 72.494    | ug/l # | 100    |
| 78) n-propylbenzene            | 12.83 | 91  | 21441  | 1.076     | ug/l   | 95     |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105 | 93661  | 6.636     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.63 | 75  | 143161 | 158.075   | ug/l # | 9      |
| 83) tert-Butylbenzene          | 13.47 | 119 | 156834 | 12.782    | ug/l # | 65     |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105 | 17174  | 1.210     | ug/l   | 93     |
| 85) sec-Butylbenzene           | 13.41 | 105 | 96082  | 5.705     | ug/l   | 90     |
| 86) p-Isopropyltoluene         | 13.52 | 119 | 112937 | 7.103     | ug/l   | 98     |
| 89) n-Butylbenzene             | 13.85 | 91  | 70694  | 4.896     | ug/l # | 55     |
| 90) Hexachloroethane           | 14.13 | 117 | 68758  | 23.122    | ug/l # | 5      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.53 | 75  | 5807   | 10.112    | ug/l # | 19     |
| 95) Naphthalene                | 15.38 | 128 | 69605  | 7.872     | ug/l # | 1      |
| 96) 1,2,3-Trichlorobenzene     | 15.63 | 180 | 13654  | 3.019     | ug/l # | 1      |

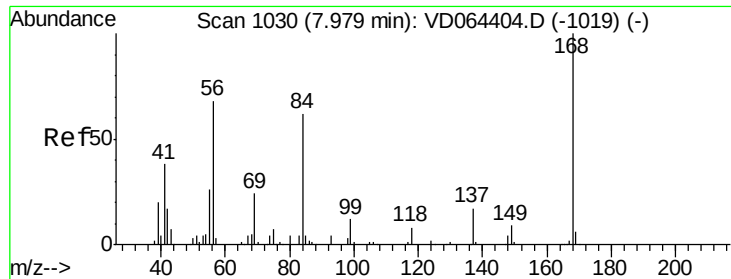
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\  
Data File : VD064440.D  
Acq On : 05 Dec 2019 17:02  
Operator : VA/SY  
Sample : K6164-01RE  
Misc : 6.34G/5.00ml/MSVOA D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Dec 06 05:55:55 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 29 07:18:03 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

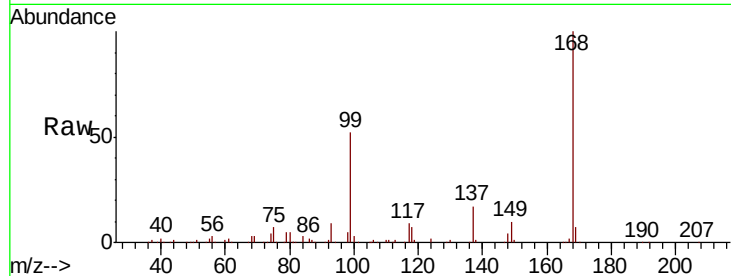
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:168 Resp: 528622

Ion Ratio Lower Upper

168 100

99 51.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

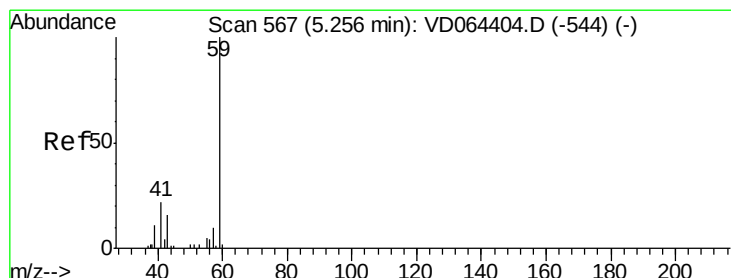
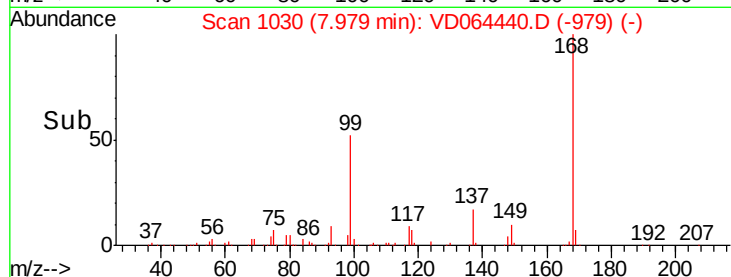
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 12.230 ug/l

RT: 5.27 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD064440.D

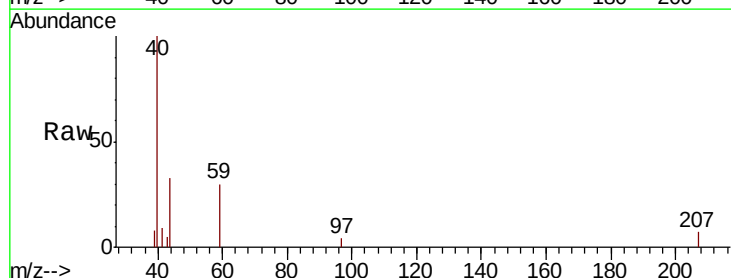
Acq: 05 Dec 2019 17:02

Tgt Ion: 59 Resp: 3725

Ion Ratio Lower Upper

59 100

57 3.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.27

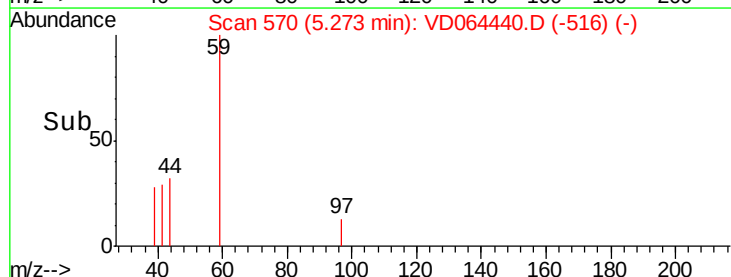
1500

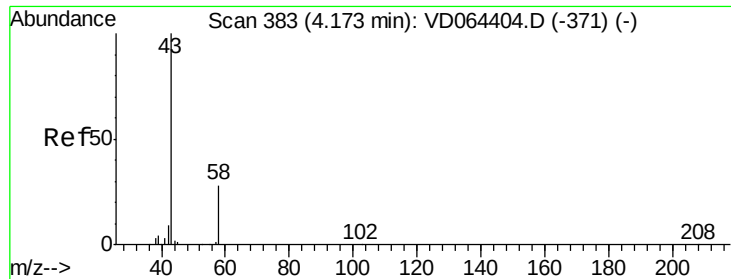
1000

500

0

Time-->

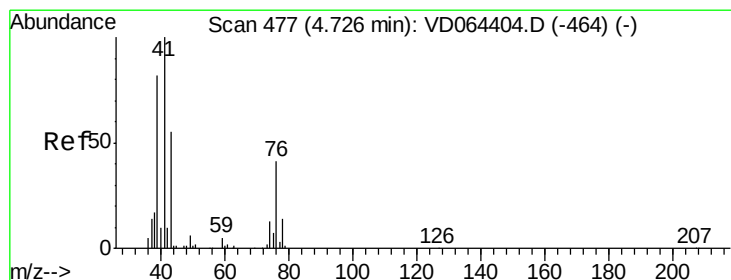
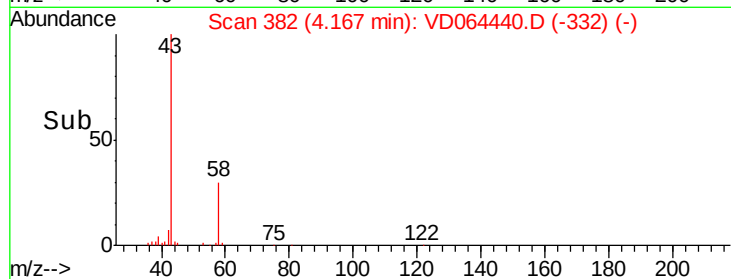
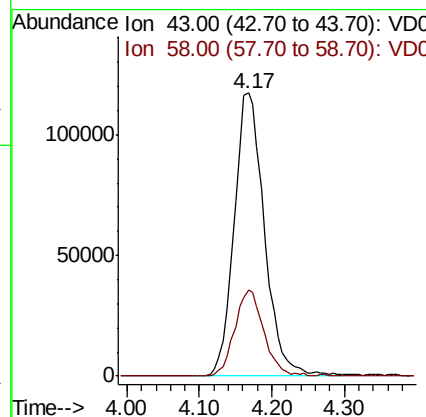
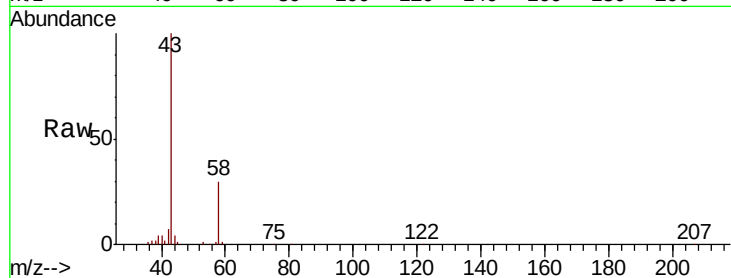




#16  
Acetone  
Concen: 351.277 ug/l  
RT: 4.17 min Scan# 382  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

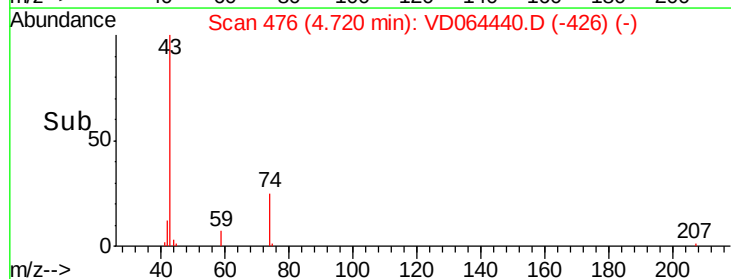
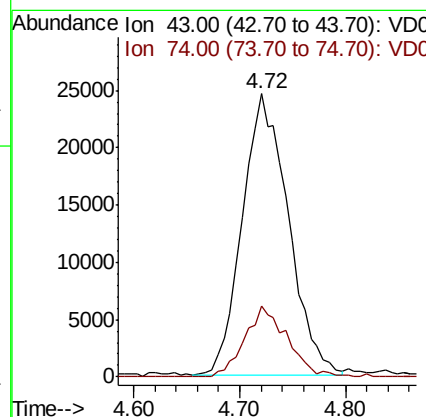
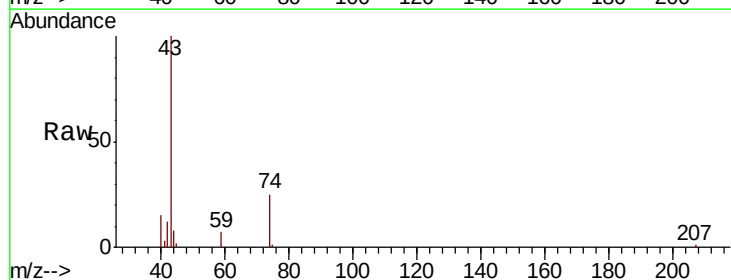
Instrument :  
MSVOA\_D  
ClientSampleId :

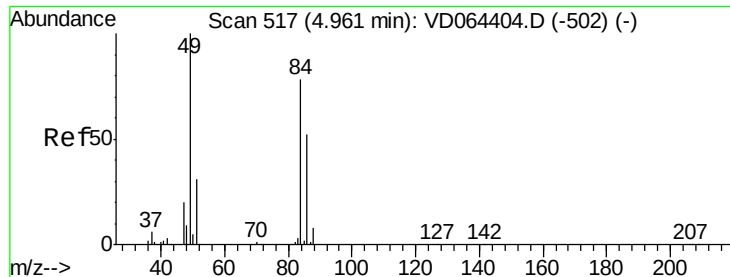
Tot Ion: 43 Resp: 339654  
Ion Ratio Lower Upper  
43 100  
58 30.4 22.6 33.8



#18  
Methyl Acetate  
Concen: 26.247 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion: 43 Resp: 74026  
Ion Ratio Lower Upper  
43 100  
74 23.1 19.7 29.5

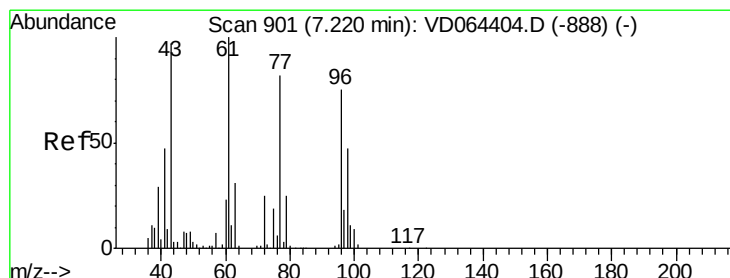
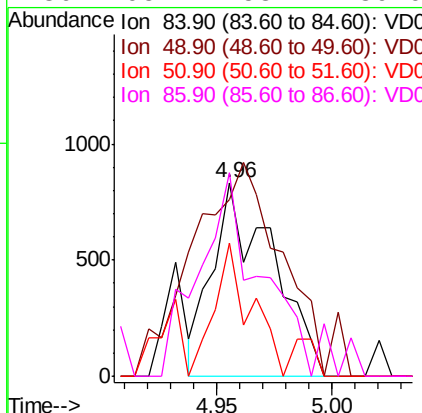
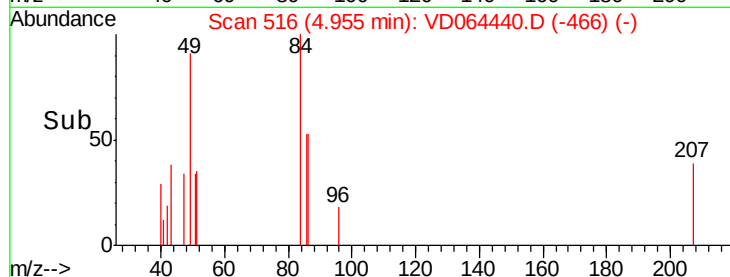
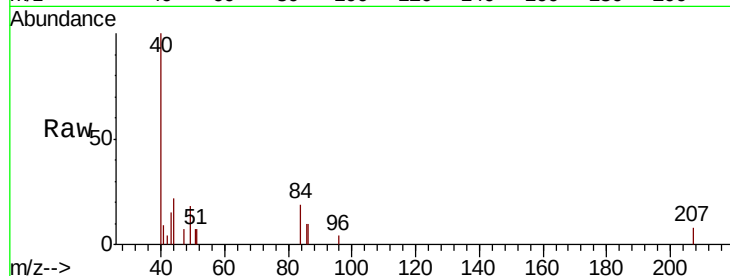




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.96 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

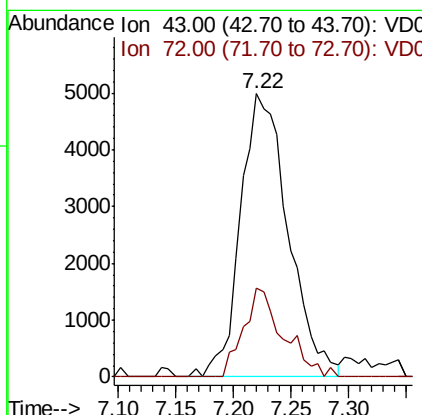
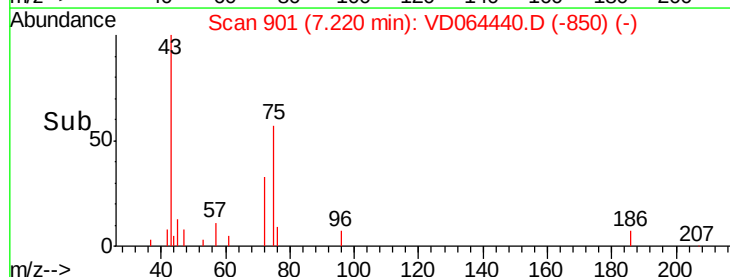
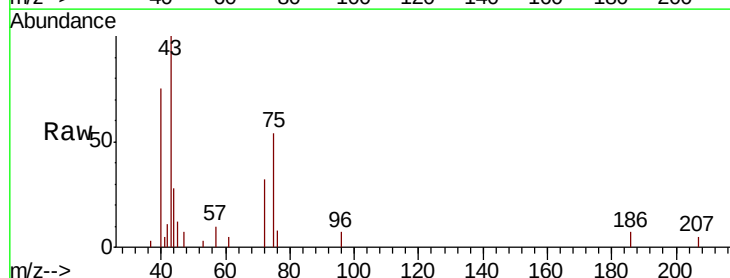
Instrument :  
MSVOA\_D  
ClientSampleId :

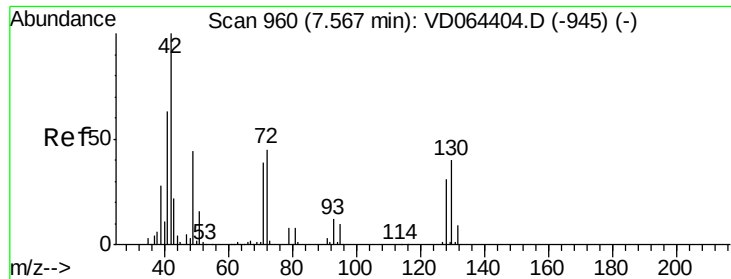
Tot Ion: 84 Resp: 1502  
Ion Ratio Lower Upper  
84 100  
49 58.5 102.6 153.8#  
51 68.7 32.0 48.0#  
86 105.2 53.4 80.0#



#25  
2-Butanone  
Concen: 10.501 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion: 43 Resp: 14359  
Ion Ratio Lower Upper  
43 100  
72 31.5 21.0 31.4#

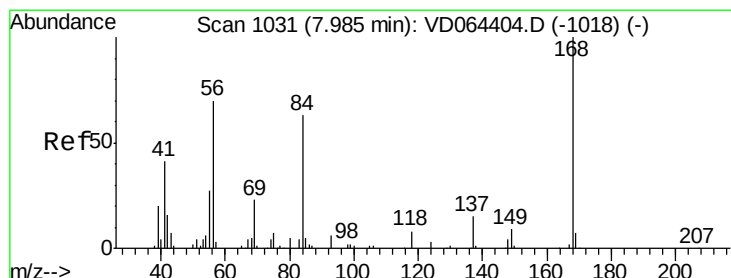
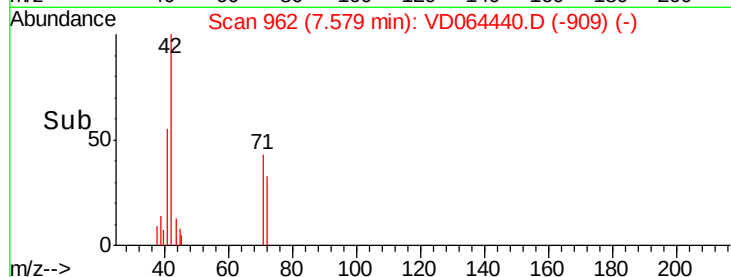
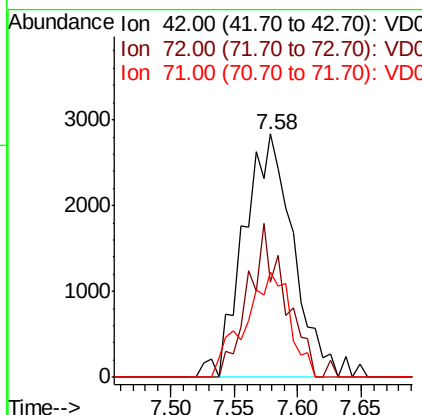
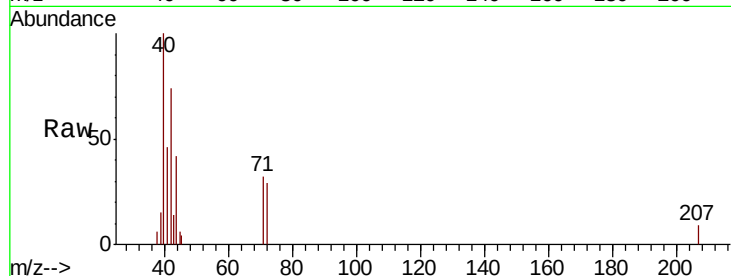




#29  
Tetrahydrofuran  
Concen: 8.824 ug/l  
RT: 7.58 min Scan# 962  
Delta R.T. 0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

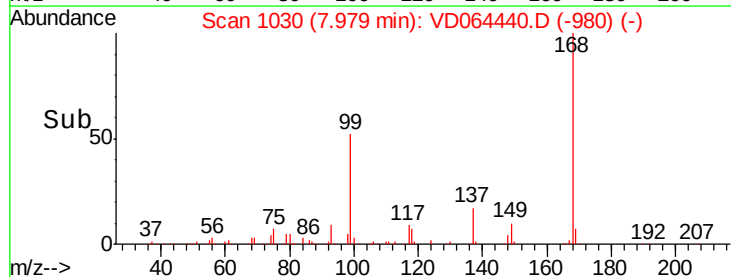
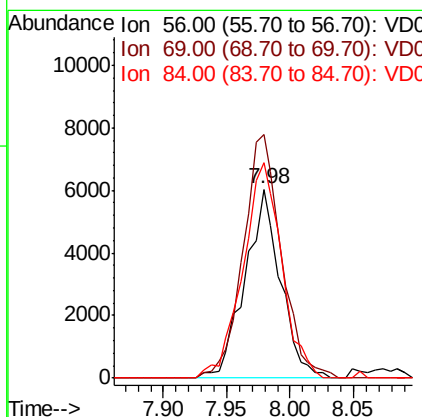
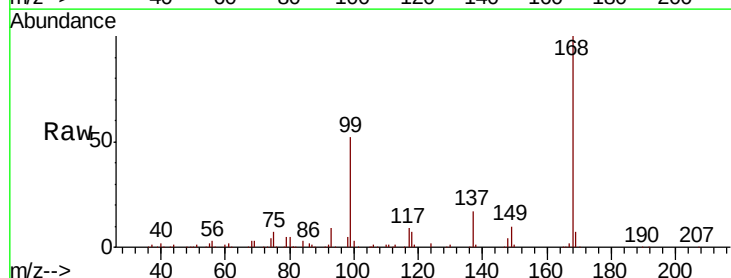
Instrument :  
MSVOA\_D  
ClientSampleId :

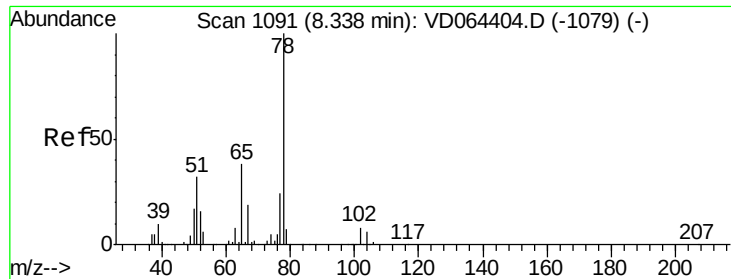
Tot Ion: 42 Resp: 7677  
Ion Ratio Lower Upper  
42 100  
72 46.8 35.8 53.8  
71 39.8 32.7 49.1



#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion: 56 Resp: 11833  
Ion Ratio Lower Upper  
56 100  
69 129.1 26.2 39.4#  
84 114.6 70.3 105.5#

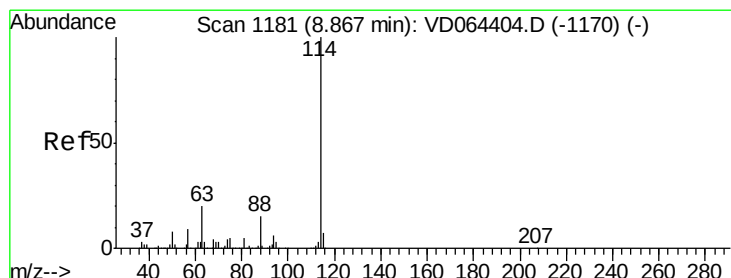
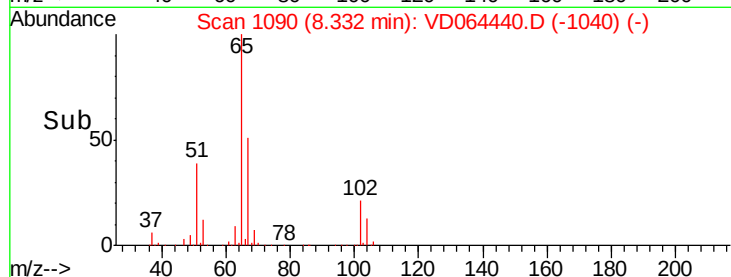
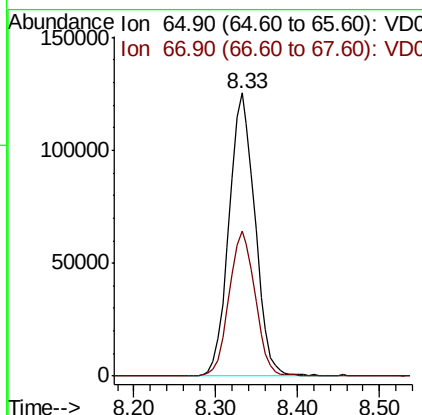
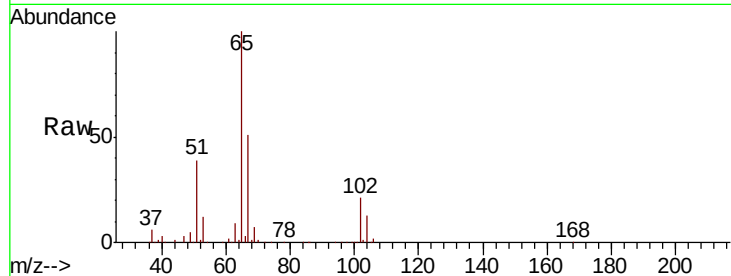




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.010 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

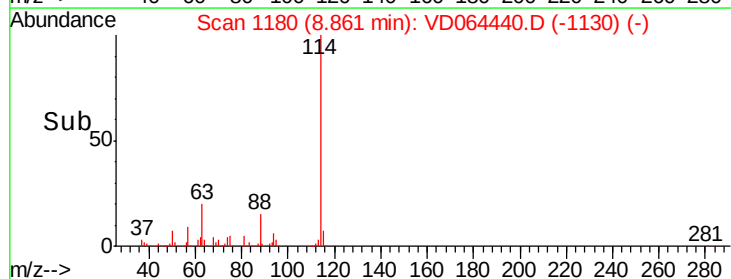
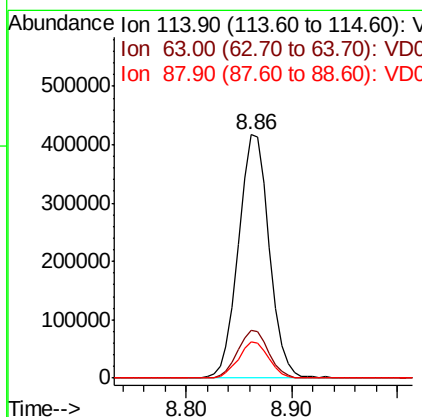
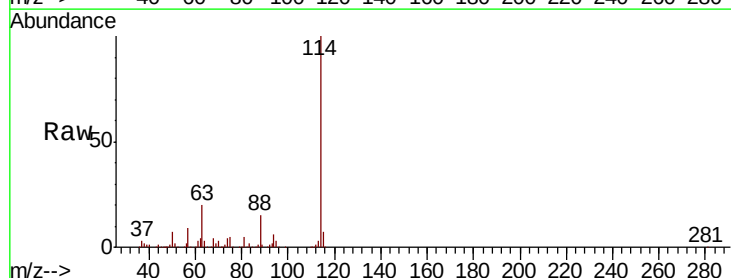
Instrument :  
 MSVOA\_D  
 ClientSampleId :

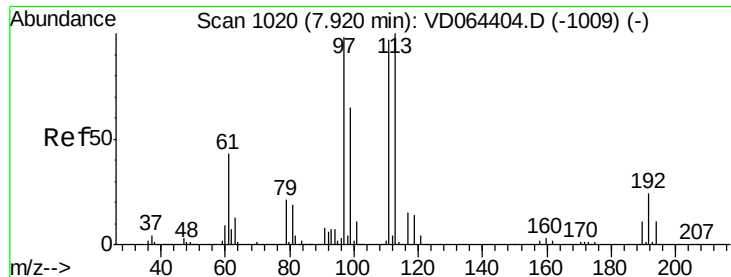
Tot Ion: 65 Resp: 277565  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. -0.01 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

Tgt Ion: 114 Resp: 844484  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 40.0  
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.627 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

Instrument :  
MSVOA\_D  
ClientSampleId :

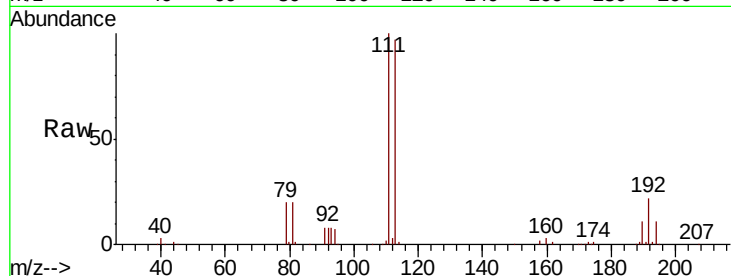
Tot Ion:113 Resp: 274688

Ion Ratio Lower Upper

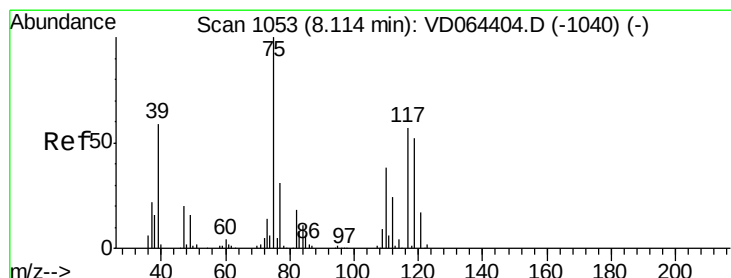
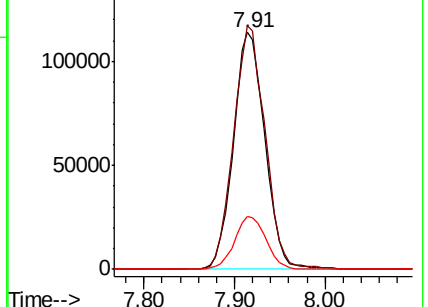
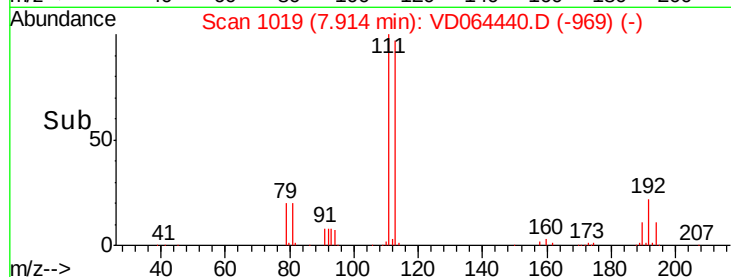
113 100

111 102.9 79.4 119.2

192 22.2 18.6 28.0



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: 4.589 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

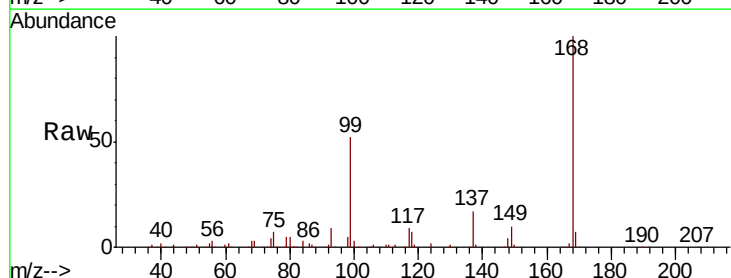
Tgt Ion: 75 Resp: 36659

Ion Ratio Lower Upper

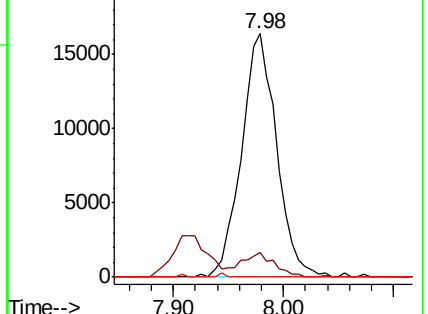
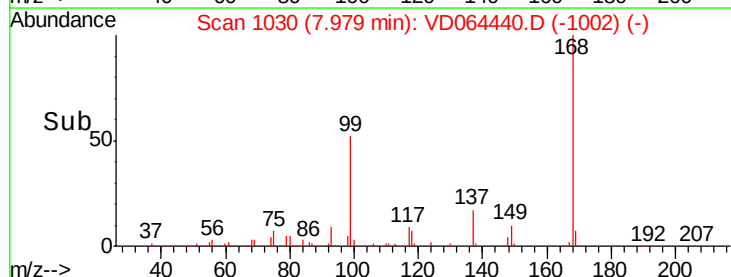
75 100

110 8.6 18.6 55.8#

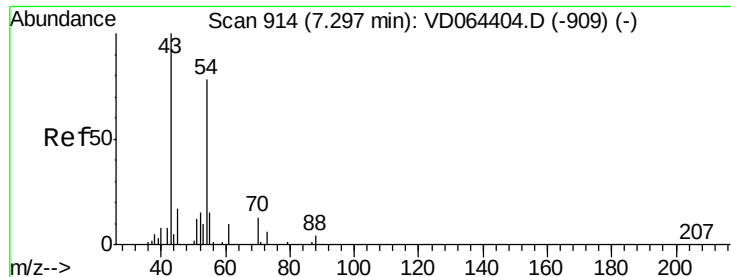
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V



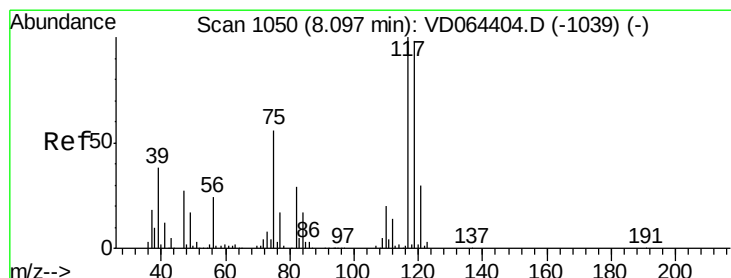
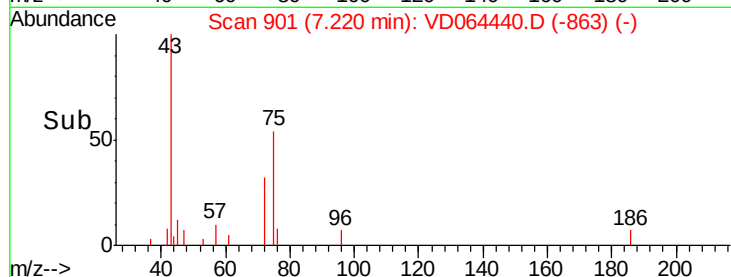
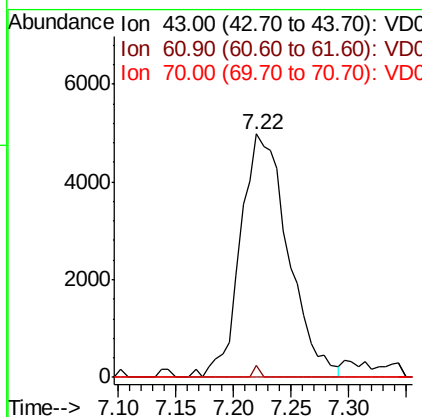
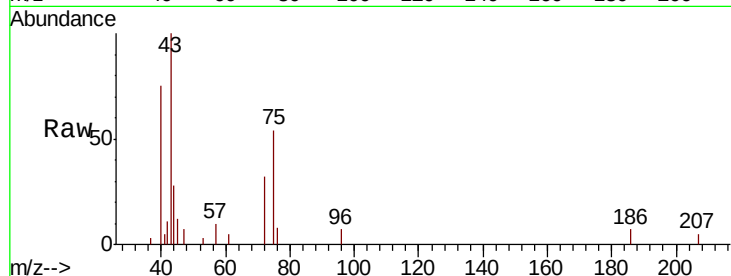




#37  
Ethyl Acetate  
Concen: 4.237 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. -0.08 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

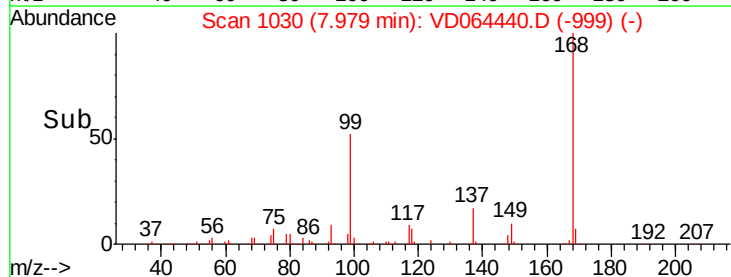
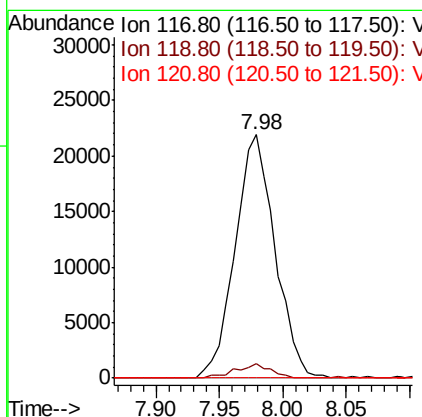
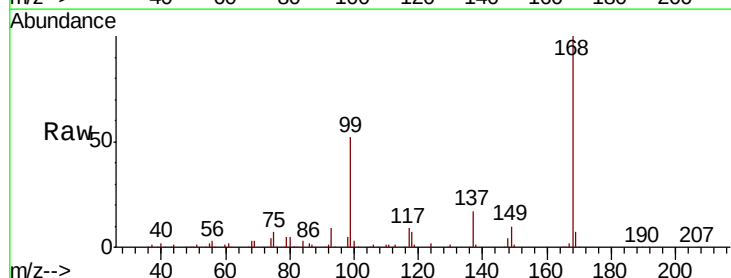
Instrument :  
MSVOA\_D  
ClientSampleId :

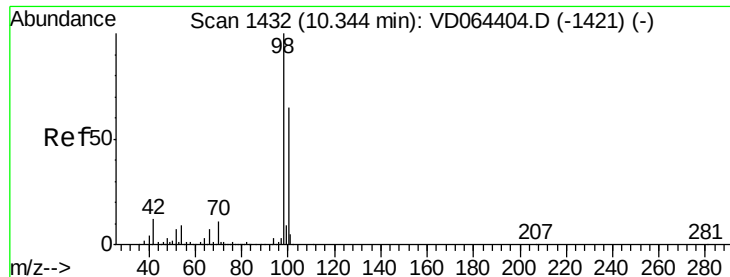
Tot Ion: 43 Resp: 14359  
Ion Ratio Lower Upper  
43 100  
61 0.6 10.9 16.3#  
70 0.0 8.3 12.5#



#38  
Carbon Tetrachloride  
Concen: 5.669 ug/l  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.12 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion: 117 Resp: 47793  
Ion Ratio Lower Upper  
117 100  
119 6.1 78.8 118.2#  
121 0.0 24.2 36.2#

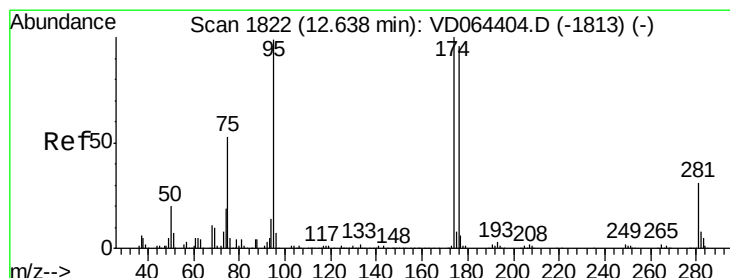
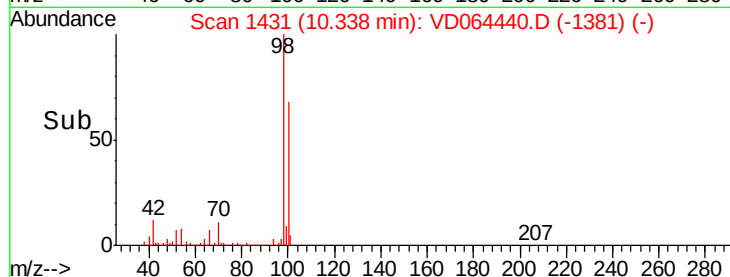
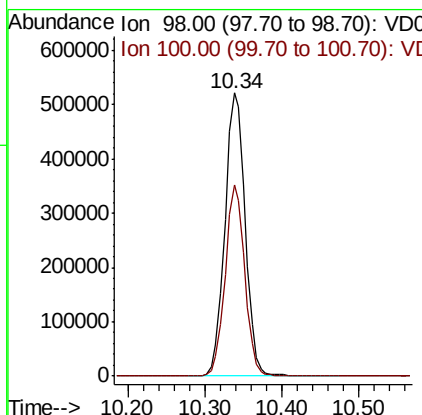
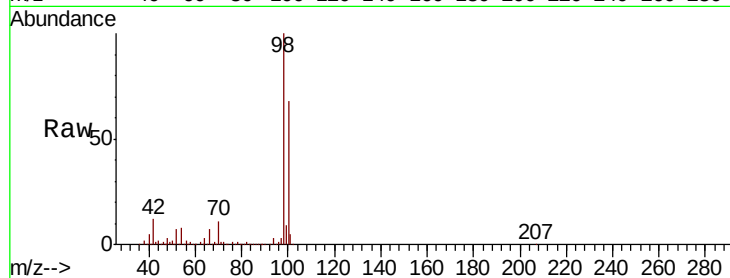




#50  
Toluene-d8  
Concen: 47.746 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

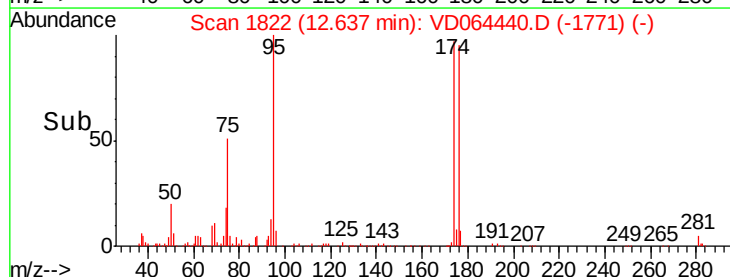
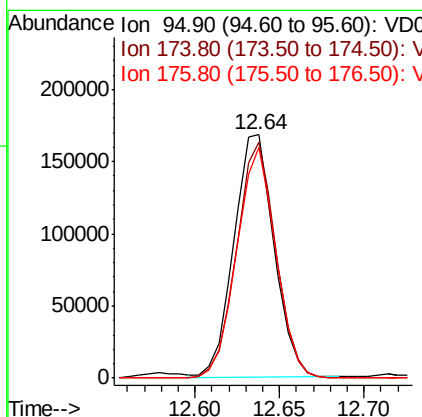
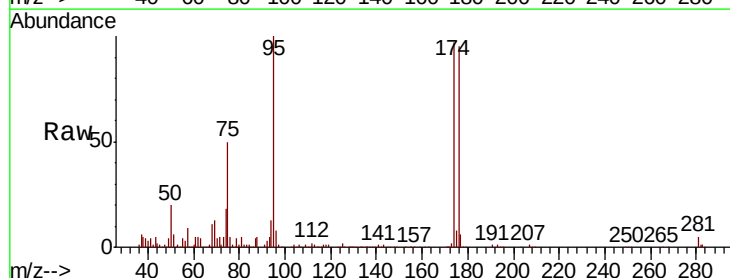
Instrument :  
MSVOA\_D  
ClientSampleId :

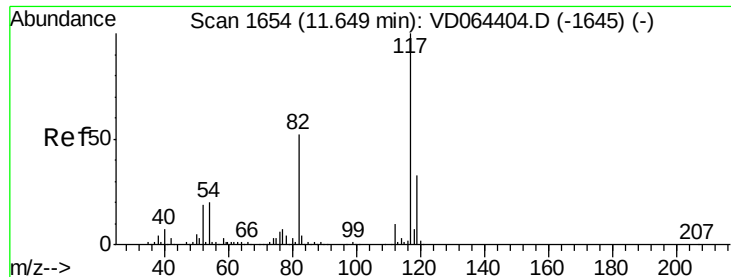
Tot Ion: 98 Resp: 956944  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 79.0



#62  
4-Bromofluorobenzene  
Concen: 43.272 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion: 95 Resp: 278721  
Ion Ratio Lower Upper  
95 100  
174 95.1 0.0 197.2  
176 92.4 0.0 189.6

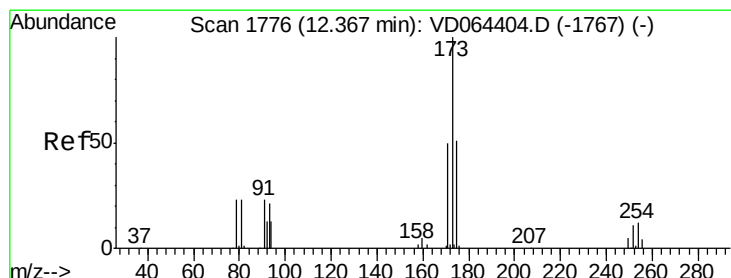
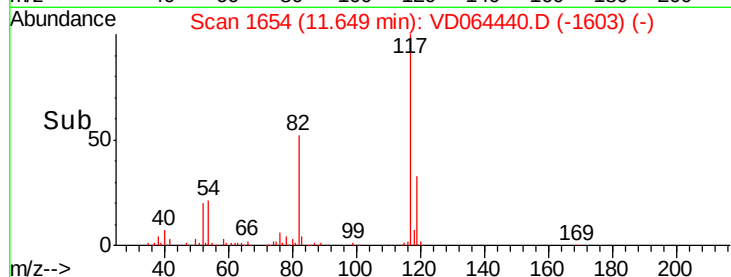
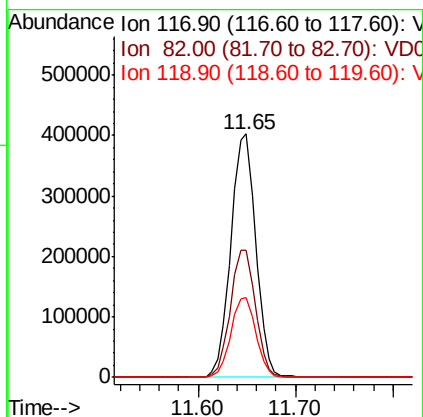
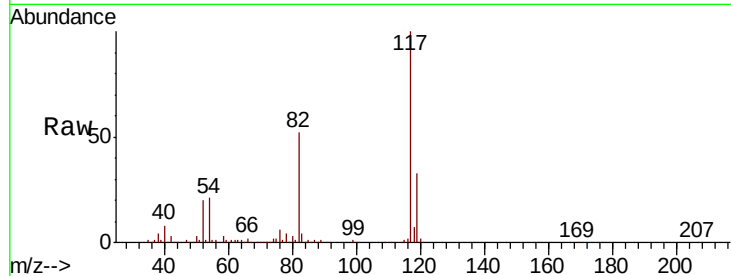




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

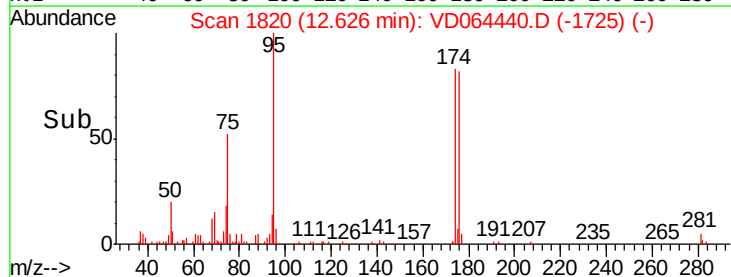
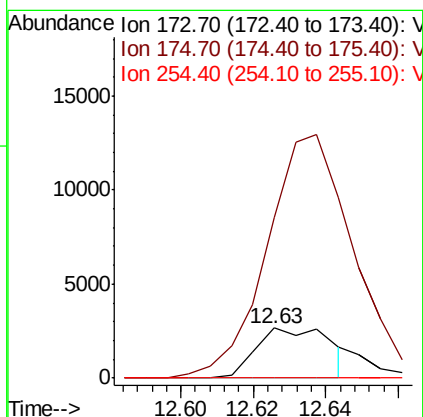
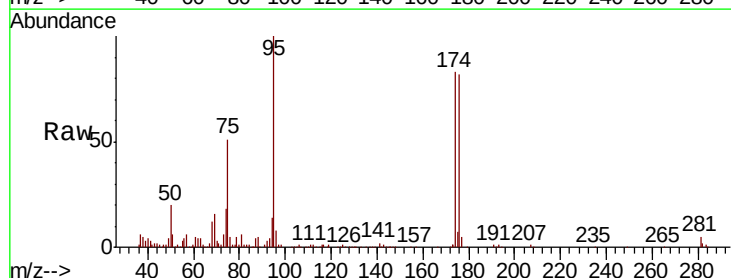
Instrument :  
MSVOA\_D  
ClientSampled :

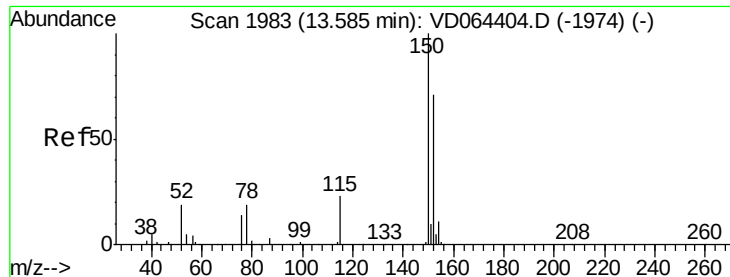
Tot Ion:117 Resp: 716428  
Ion Ratio Lower Upper  
117 100  
82 52.3 41.4 62.2  
119 32.6 26.2 39.2



#71  
Bromoform  
Concen: 1.147 ug/l  
RT: 12.63 min Scan# 1820  
Delta R.T. 0.26 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion:173 Resp: 3797  
Ion Ratio Lower Upper  
173 100  
175 466.1 25.3 75.8#  
254 0.0 0.0 0.0



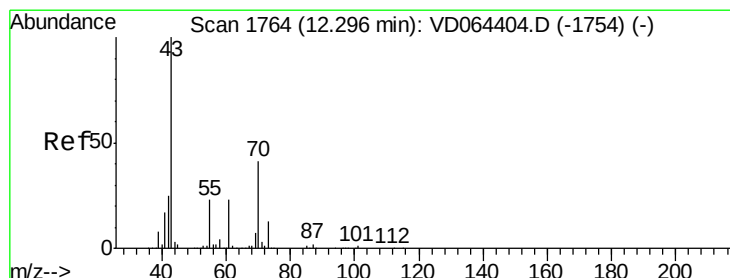
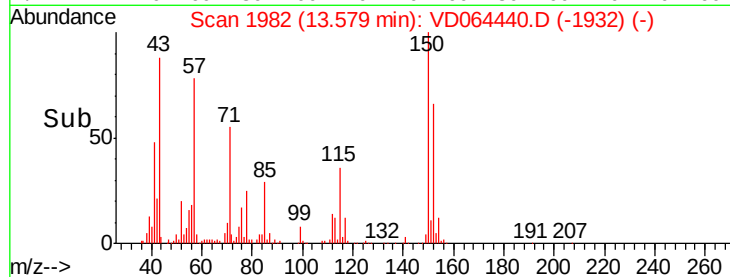
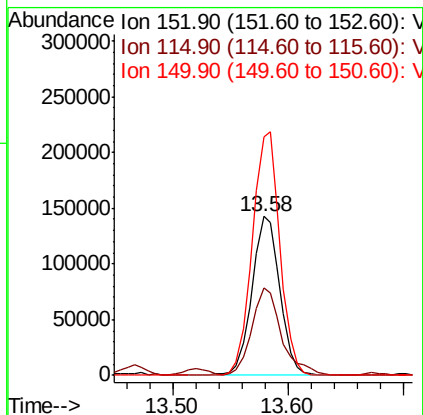
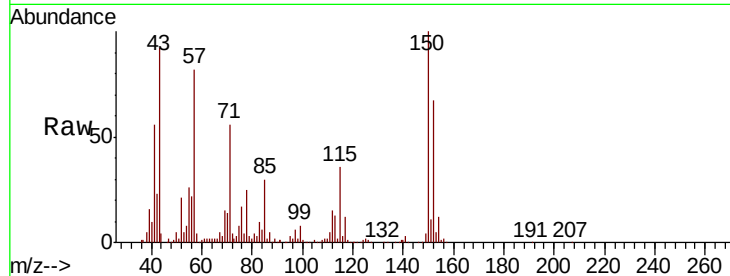


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Instrument :  
MSVOA\_D  
ClientSampled :

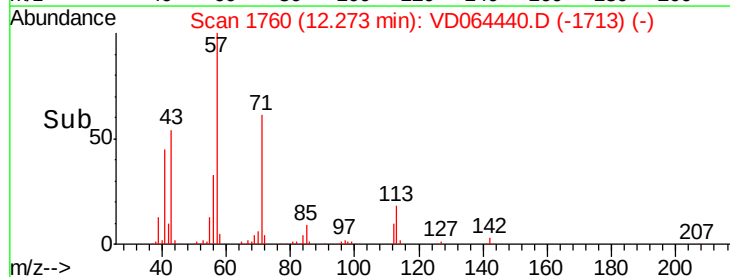
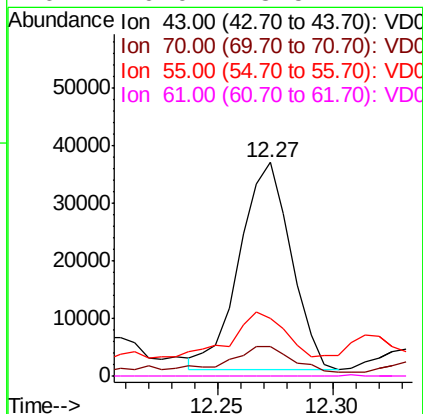
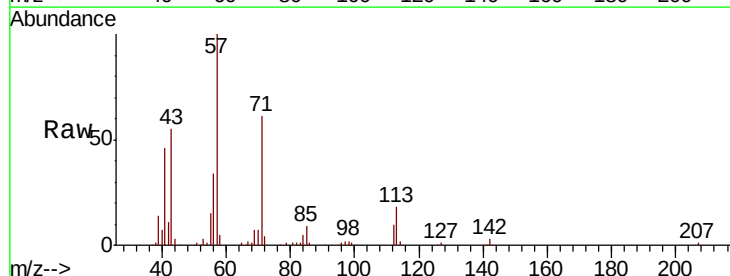
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.8  | 26.7  | 80.1  |
| 150     | 151.1 | 0.0   | 347.2 |

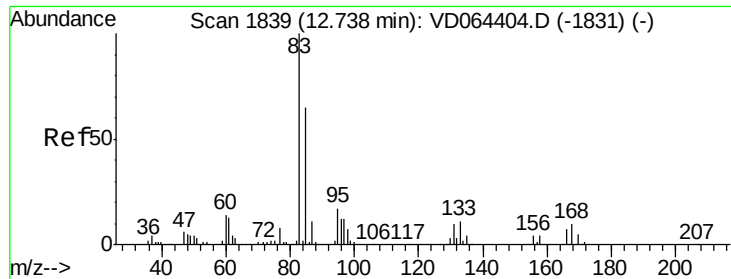


#74

N-ethyl acetate  
Concen: 14.183 ug/l  
RT: 12.27 min Scan# 1760  
Delta R.T. -0.02 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 15.1  | 33.4  | 50.2# |
| 55      | 21.5  | 18.9  | 28.3  |
| 61      | 0.0   | 18.5  | 27.7# |





#75

1,1,2,2-Tetrachloroethane

Concen: 5.897 ug/l

RT: 12.80 min Scan# 1850

Delta R.T. 0.06 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

Instrument :

MSVOA\_D

ClientSampleId :

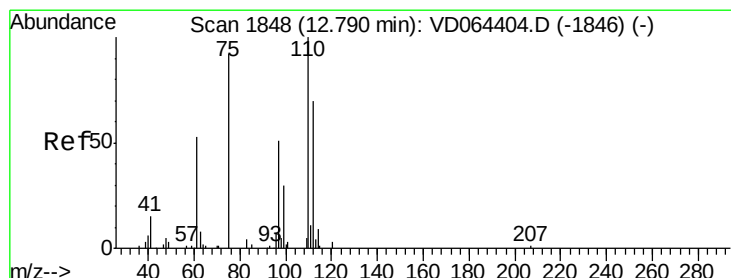
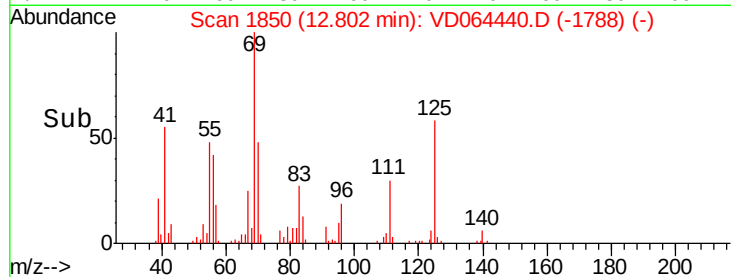
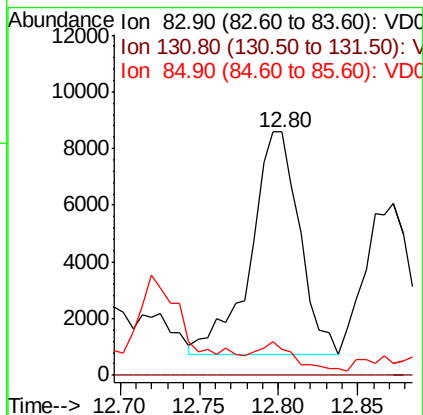
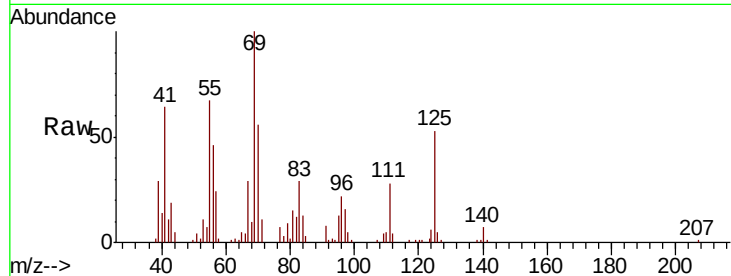
Tot Ion: 83 Resp: 16841

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 0.0 31.3 93.9#



#76

1,2,3-Trichloropropane

Concen: 72.494 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD064440.D

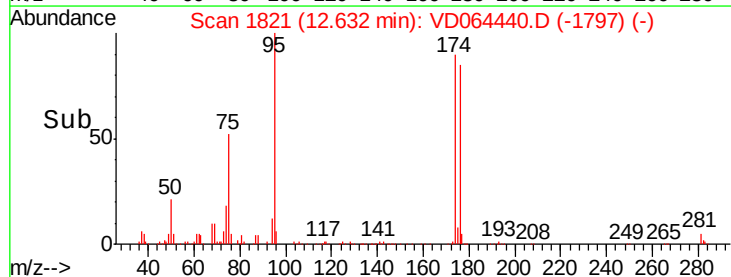
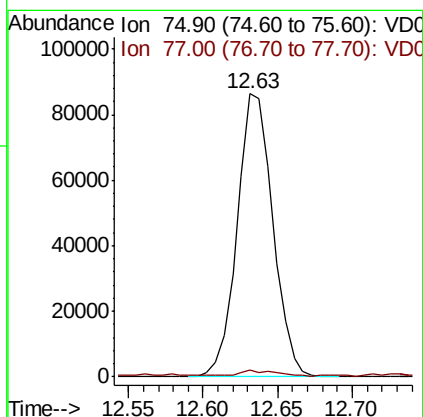
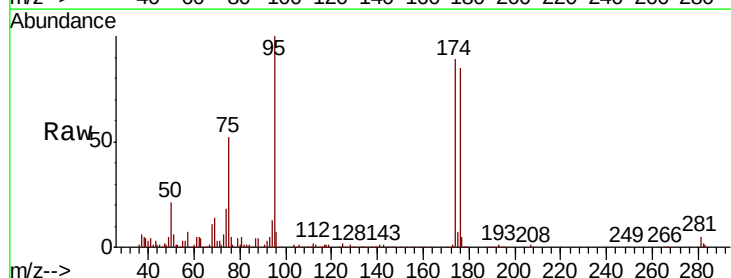
Acq: 05 Dec 2019 17:02

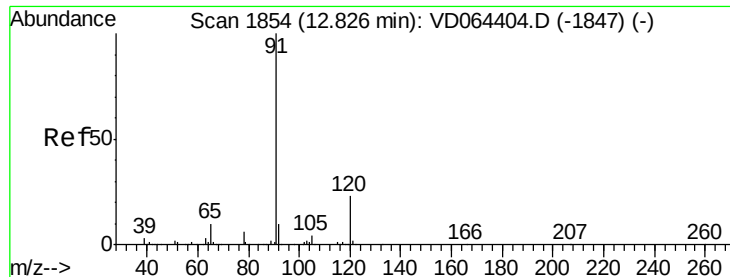
Tgt Ion: 75 Resp: 143161

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#





#78

n-propylbenzene

Concen: 1.076 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

Instrument :

MSVOA\_D

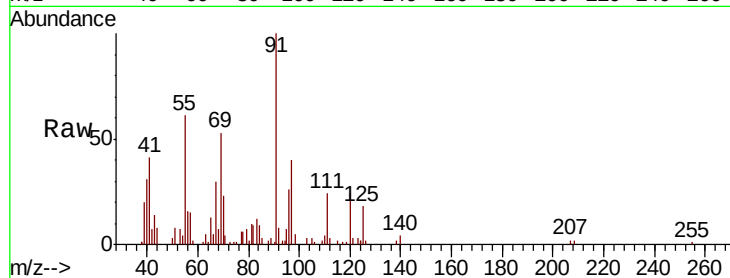
ClientSampleId :

Tot Ion: 91 Resp: 21441

Ion Ratio Lower Upper

91 100

120 21.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

15000

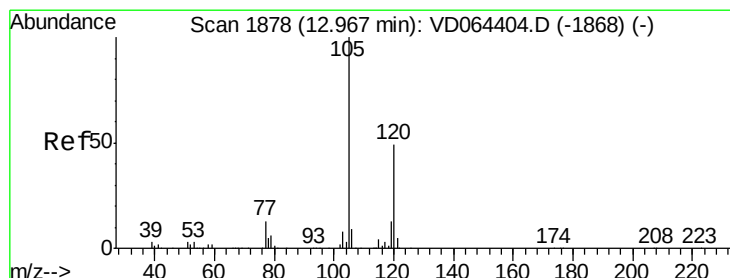
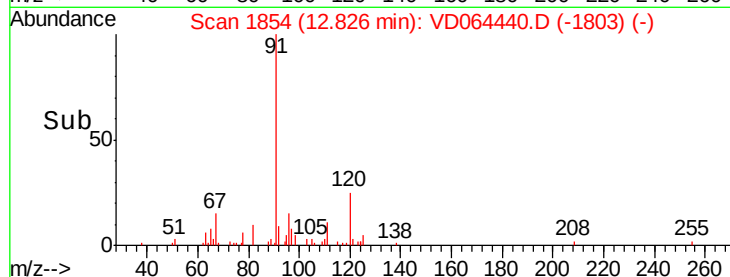
10000

5000

0

12.75 12.80 12.85

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.636 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064440.D

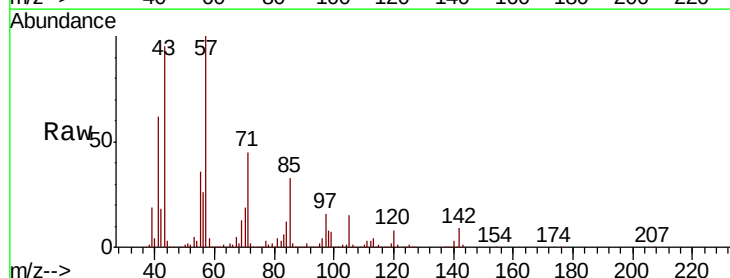
Acq: 05 Dec 2019 17:02

Tgt Ion: 105 Resp: 93661

Ion Ratio Lower Upper

105 100

120 51.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

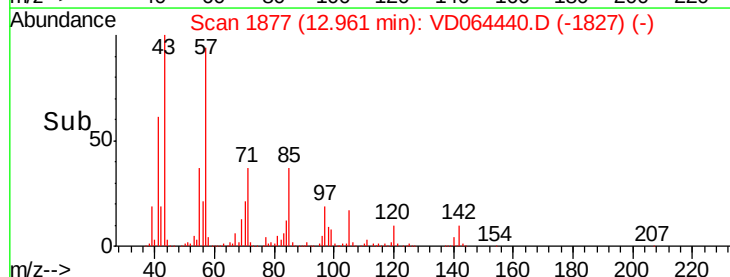
40000

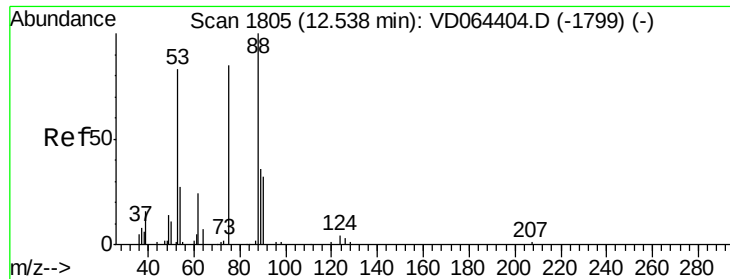
20000

0

12.90 12.95 13.00 13.05

Time-->

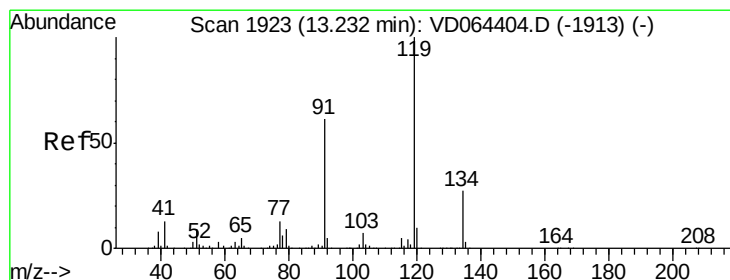
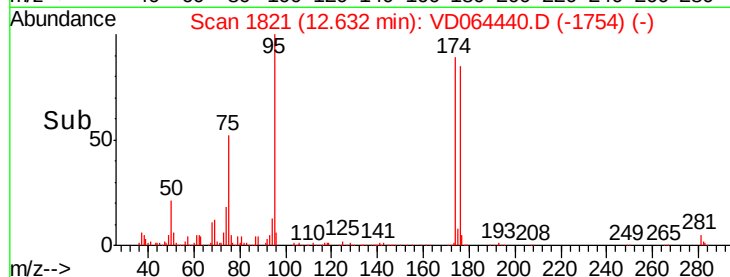
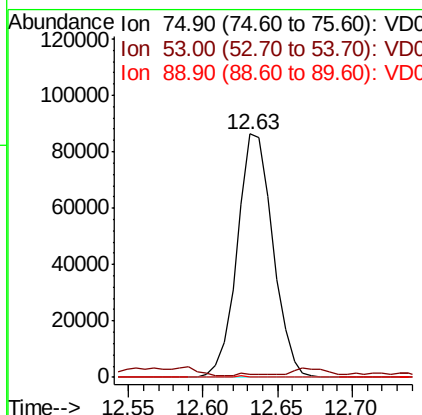
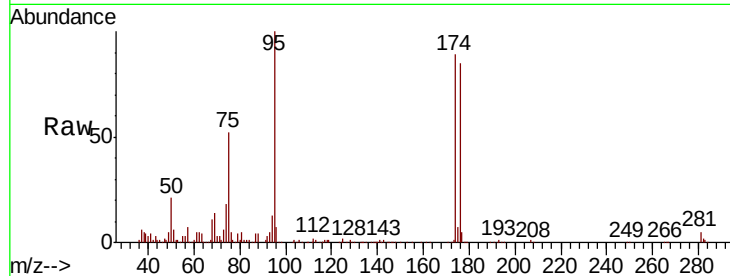




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 158.075 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.09 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

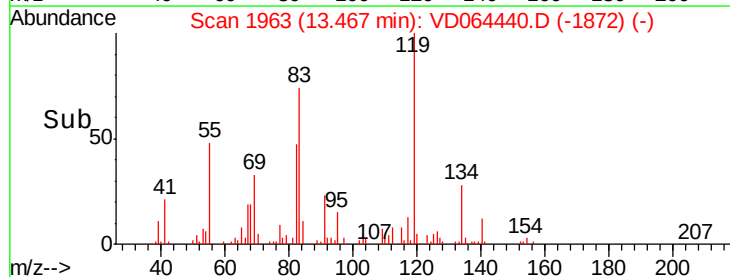
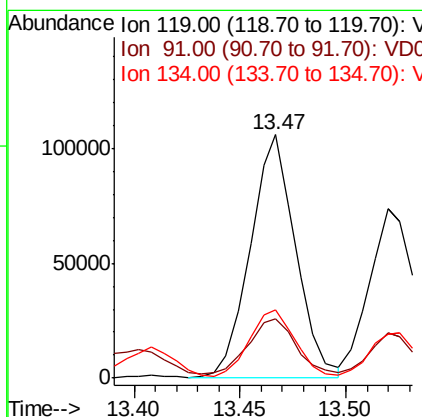
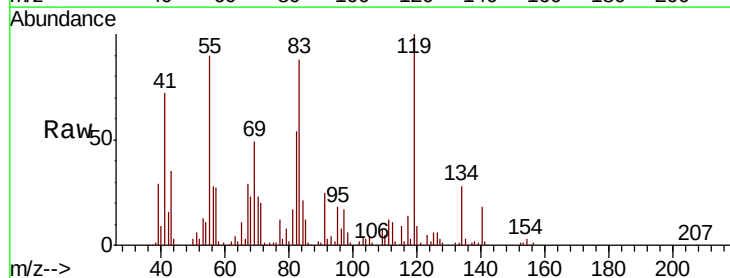
Instrument :  
 MSVOA\_D  
 ClientSampleId :

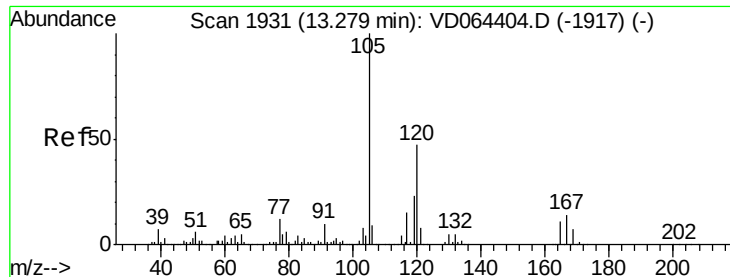
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 53      | 0.6   | 81.0  | 121.6# |
| 89      | 0.1   | 38.5  | 57.7#  |



#83  
 tert-Butylbenzene  
 Concen: 12.782 ug/l  
 RT: 13.47 min Scan# 1963  
 Delta R.T. 0.24 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 23.6  | 31.2  | 93.6# |
| 134     | 27.0  | 13.9  | 41.7  |





#84

1,2,4-Trimethylbenzene

Concen: 1.210 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.01 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

Instrument :

MSVOA\_D

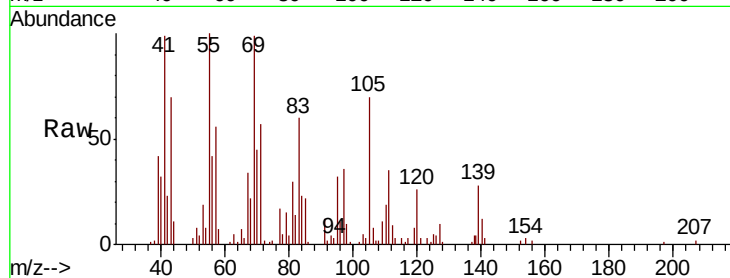
ClientSampleId :

Tot Ion:105 Resp: 17174

Ion Ratio Lower Upper

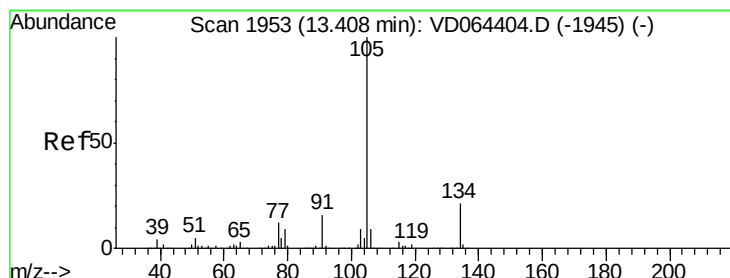
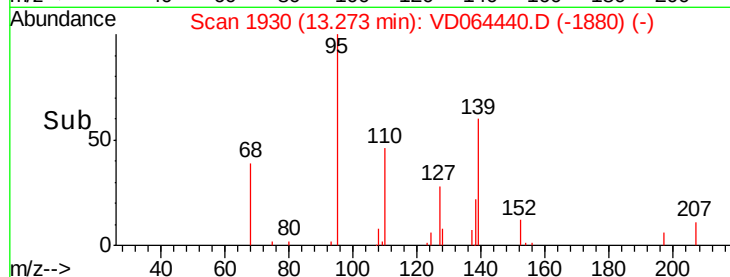
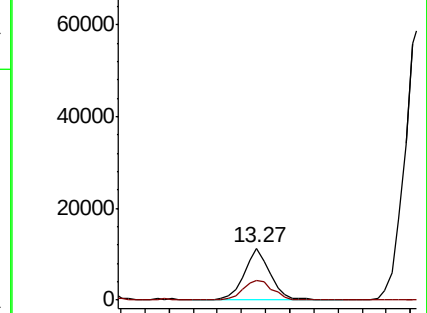
105 100

120 42.7 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.705 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064440.D

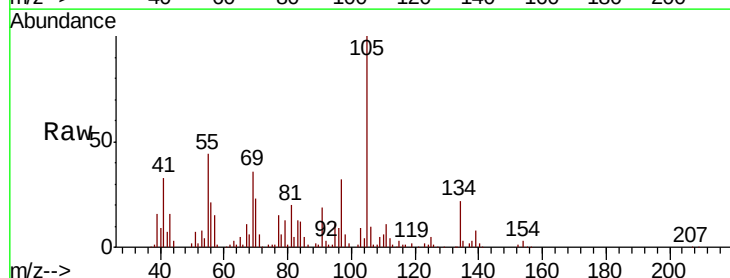
Acq: 05 Dec 2019 17:02

Tgt Ion:105 Resp: 96082

Ion Ratio Lower Upper

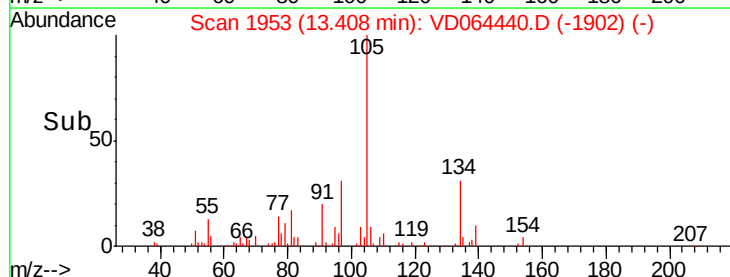
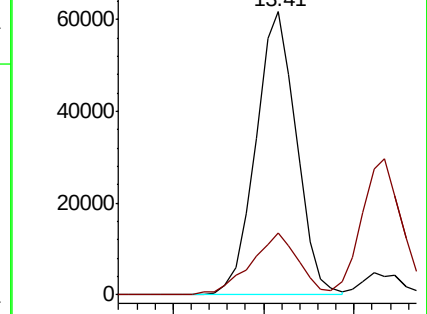
105 100

134 25.6 10.5 31.5

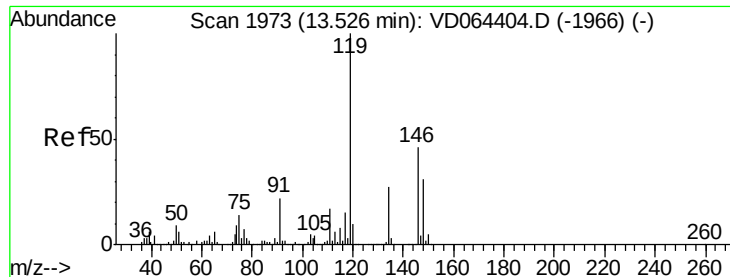


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



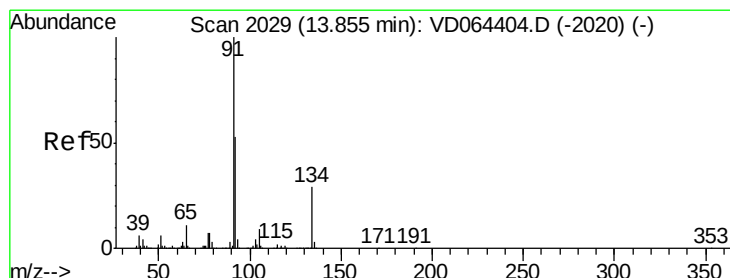
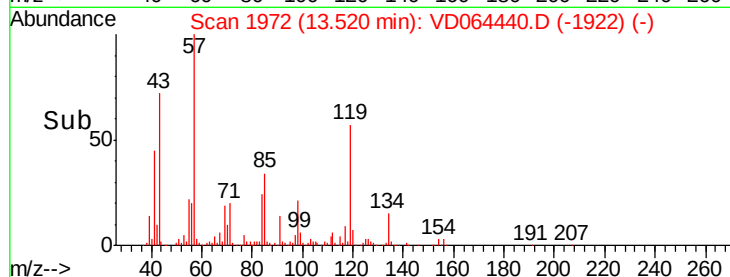
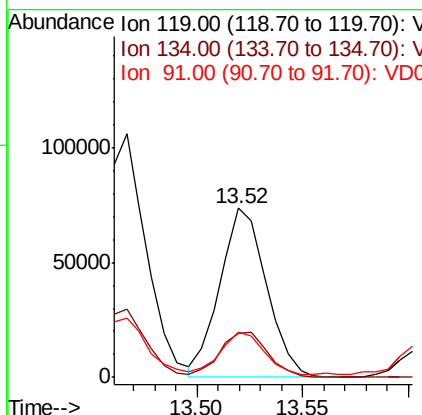
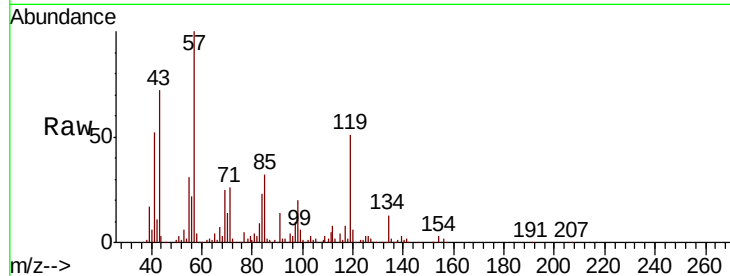




#86  
 p-Isopropyltoluene  
 Concen: 7.103 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

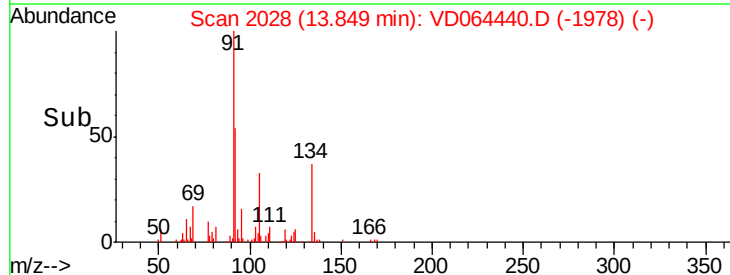
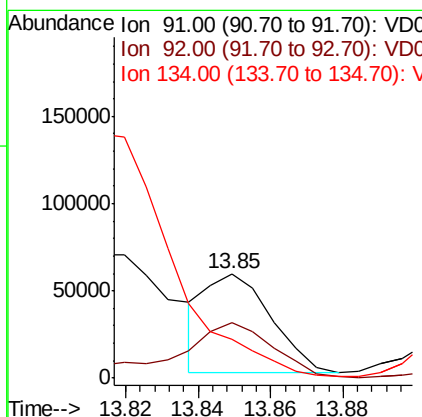
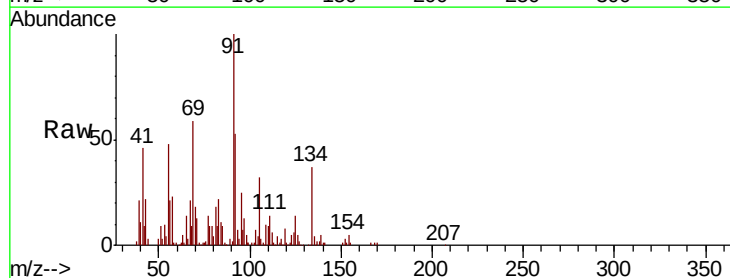
Instrument :  
 MSVOA\_D  
 ClientSampleID :

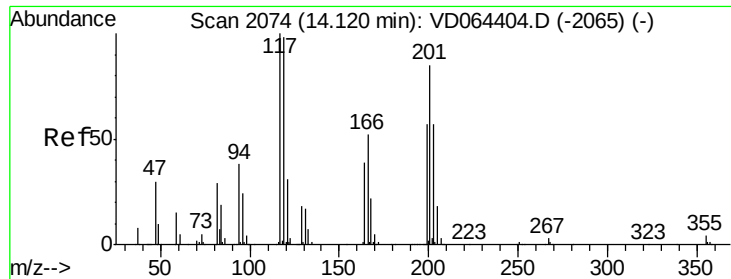
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.6  | 13.5  | 40.4  |
| 91      | 23.3  | 11.2  | 33.5  |



#89  
 n-Butylbenzene  
 Concen: 4.896 ug/l  
 RT: 13.85 min Scan# 2028  
 Delta R.T. -0.01 min  
 Lab File: VD064440.D  
 Acq: 05 Dec 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 81.8  | 26.5  | 79.4# |
| 134     | 0.0   | 13.9  | 41.7# |





#90

Hexachloroethane

Concen: 23.122 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

Instrument :

MSVOA\_D

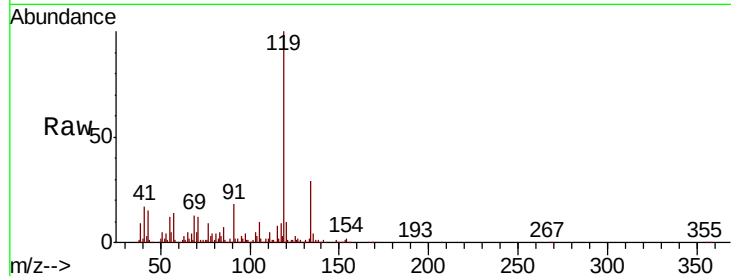
ClientSampled :

Tot Ion:117 Resp: 68758

Ion Ratio Lower Upper

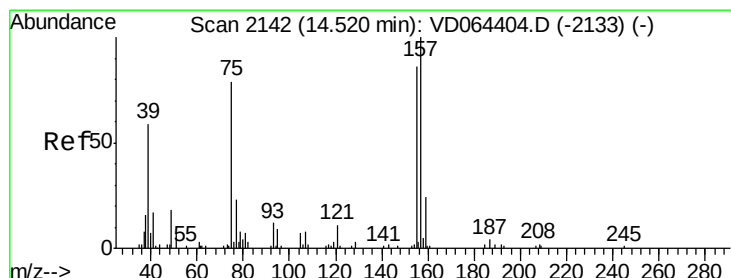
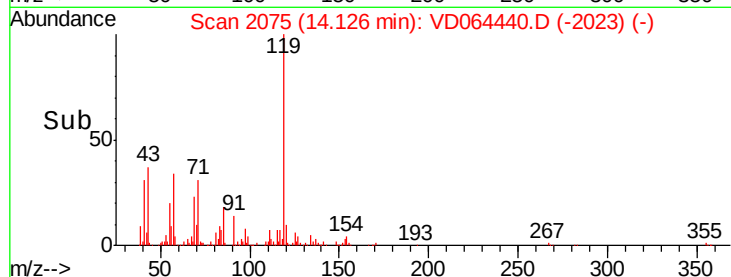
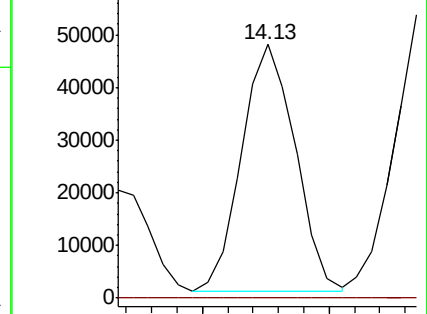
117 100

201 0.0 44.3 132.8#



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: 10.112 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD064440.D

Acq: 05 Dec 2019 17:02

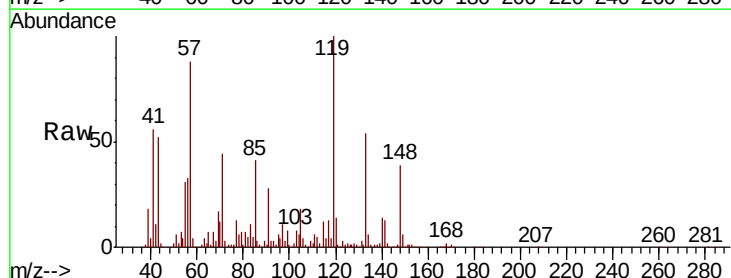
Tgt Ion: 75 Resp: 5807

Ion Ratio Lower Upper

75 100

155 57.0 51.9 155.7

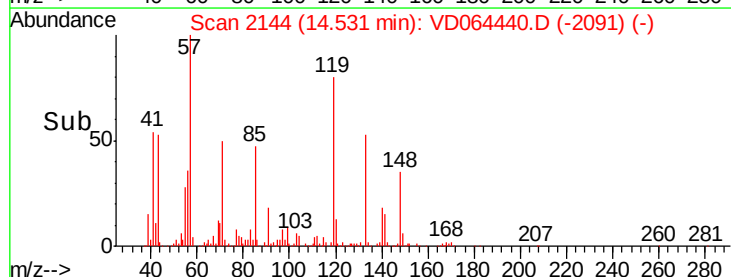
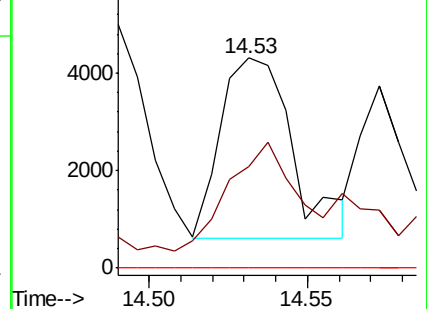
157 0.0 63.2 189.8#

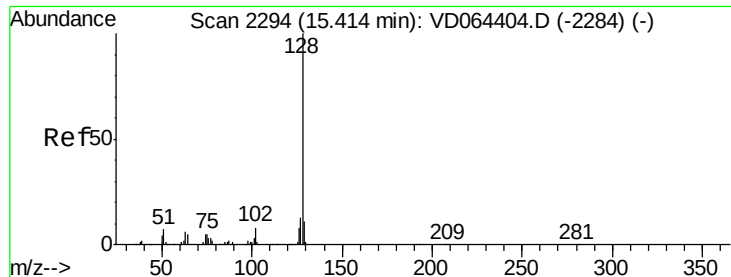


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

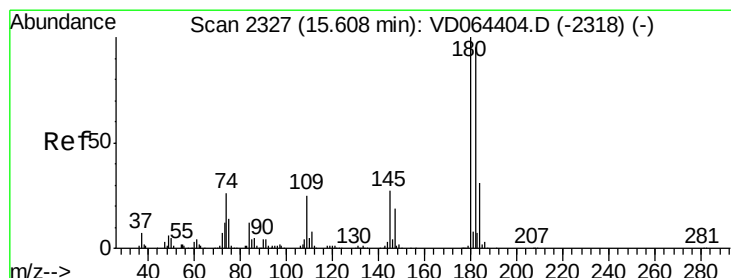
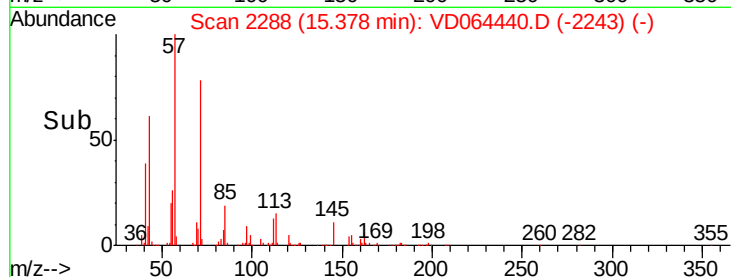
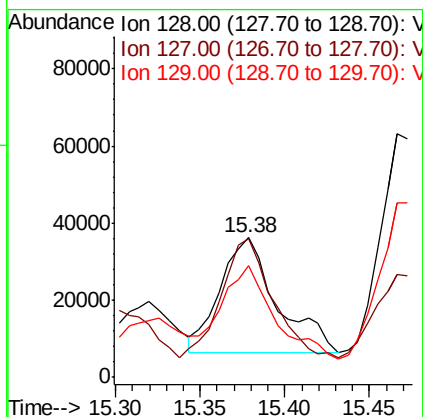
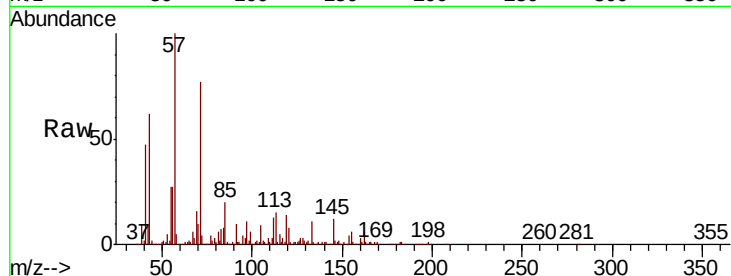




#95  
Naphthalene  
Concen: 7.872 ug/l  
RT: 15.38 min Scan# 2288  
Delta R.T. -0.04 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 69605  
Ion Ratio Lower Upper  
128 100  
127 92.9 10.5 15.7#  
129 73.6 8.8 13.2#



#96  
1,2,3-Trichlorobenzene  
Concen: 3.019 ug/l  
RT: 15.63 min Scan# 2330  
Delta R.T. 0.02 min  
Lab File: VD064440.D  
Acq: 05 Dec 2019 17:02

Tgt Ion:180 Resp: 13654  
Ion Ratio Lower Upper  
180 100  
182 0.0 47.6 142.9#  
145 3272.2 14.6 43.8#

