

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\  
 Data File : VD058360.D  
 Acq On : 24 Jun 2018 00:17  
 Operator : VA/AP  
 Sample : J3669-06  
 Misc : 6.47g/5ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 25 01:14:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 794098   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 6.71  | 114  | 1079339  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 10.70 | 117  | 901475   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 464459   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 436198   | 54.38 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.76% |      |
| 35) Dibromofluoromethane  | 5.57   | 113 | 449157   | 51.13 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.26% |      |
| 50) Toluene-d8            | 8.72   | 98  | 1022068  | 48.09 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.18%  |      |
| 62) 4-Bromofluorobenzene  | 11.94  | 95  | 453756   | 52.26 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.52% |      |

## Target Compounds

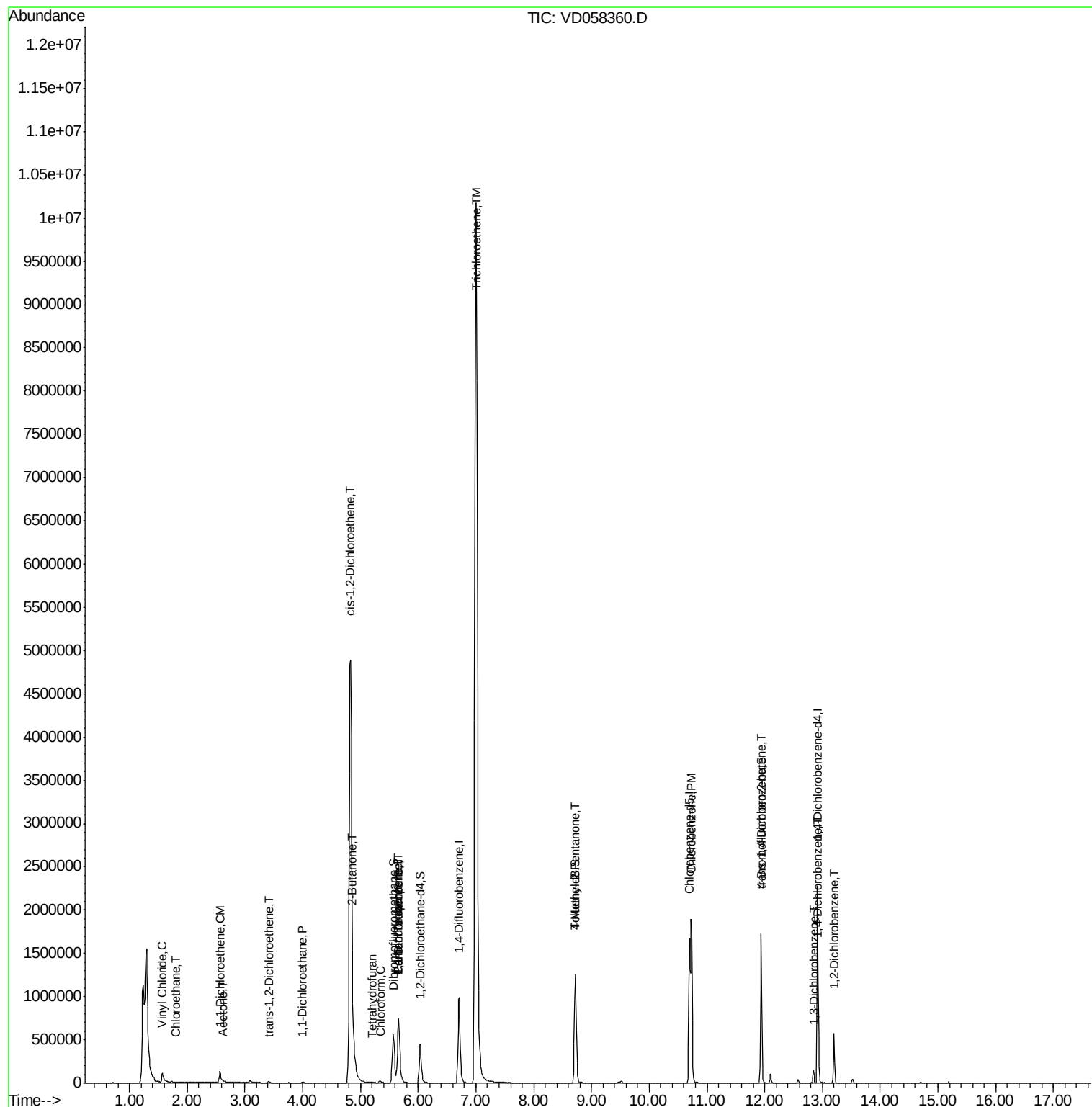
|                                |       |     |         |           |      | Qvalue |
|--------------------------------|-------|-----|---------|-----------|------|--------|
| 2) Dichlorodifluoromethane     | 1.36  | 85  | 1381    | Below Cal | #    | 43     |
| 3) Chloromethane               | 1.52  | 50  | 200     | Below Cal | #    | 43     |
| 4) Vinyl Chloride              | 1.57  | 62  | 142160  | 34.17     | ug/l | 100    |
| 5) Bromomethane                | 1.85  | 94  | 243     | Below Cal | #    | 3      |
| 6) Chloroethane                | 1.79  | 64  | 188     | 1.51      | ug/l | 41     |
| 12) 1,1-Dichloroethene         | 2.57  | 96  | 43728   | 16.03     | ug/l | 98     |
| 16) Acetone                    | 2.64  | 43  | 30902   | 28.17     | ug/l | 81     |
| 20) Methylene Chloride         | 3.10  | 84  | 13405   | Below Cal | #    | 83     |
| 21) trans-1,2-Dichloroethene   | 3.40  | 96  | 8098    | 2.72      | ug/l | 81     |
| 24) 1,1-Dichloroethane         | 3.99  | 63  | 19594   | 1.44      | ug/l | 90     |
| 25) 2-Butanone                 | 4.87  | 43  | 2843    | 1.19      | ug/l | 1      |
| 27) cis-1,2-Dichloroethene     | 4.83  | 96  | 3347844 | 449.32    | ug/l | 93     |
| 29) Tetrahydrofuran            | 5.21  | 42  | 1656    | 1.30      | ug/l | 67     |
| 30) Chloroform                 | 5.34  | 83  | 21043   | 1.47      | ug/l | 94     |
| 31) Cyclohexane                | 5.67  | 56  | 19408   | Below Cal | #    | 1      |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 63503   | 5.95      | ug/l | 52     |
| 38) Carbon Tetrachloride       | 5.66  | 117 | 66907   | 6.31      | ug/l | 14     |
| 44) Trichloroethene            | 7.01  | 130 | 4952501 | 648.44    | ug/l | 90     |
| 51) 4-Methyl-2-Pentanone       | 8.72  | 43  | 6740    | 1.27      | ug/l | 1      |
| 65) Chlorobenzene              | 10.73 | 112 | 961647  | 57.03     | ug/l | 97     |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75  | 217366  | 131.43    | ug/l | 1      |
| 82) 4-Chlorotoluene            | 12.33 | 91  | 327     | Below Cal | #    | 45     |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146 | 45847   | 3.17      | ug/l | 97     |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146 | 123883  | 8.77      | ug/l | 100    |
| 91) 1,2-Dichlorobenzene        | 13.20 | 146 | 181282  | 14.73     | ug/l | 98     |

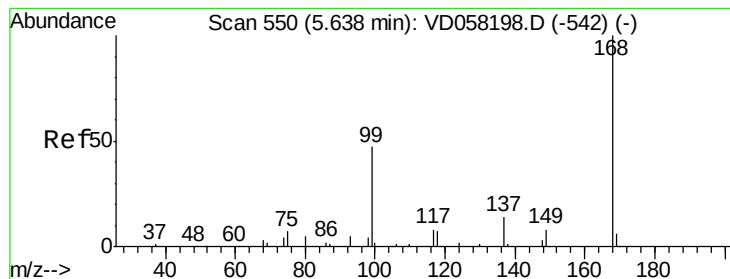
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 20 05:52:56 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

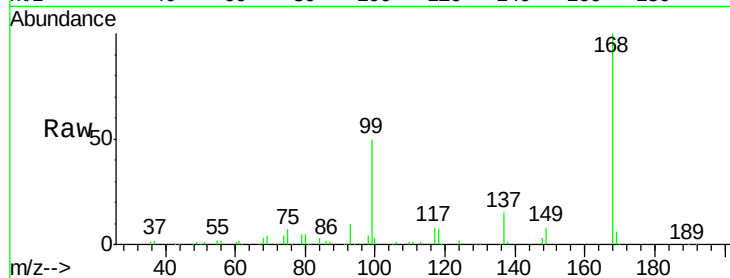
ClientSampleId :

Tot Ion:168 Resp: 794098

Ion Ratio Lower Upper

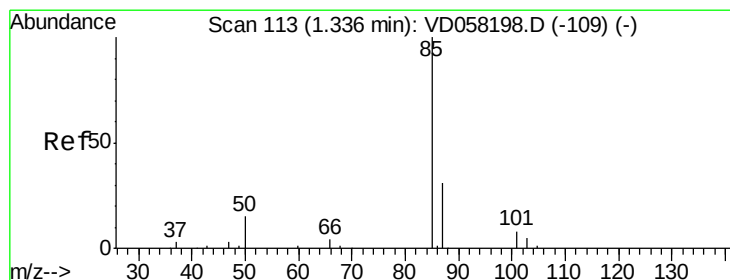
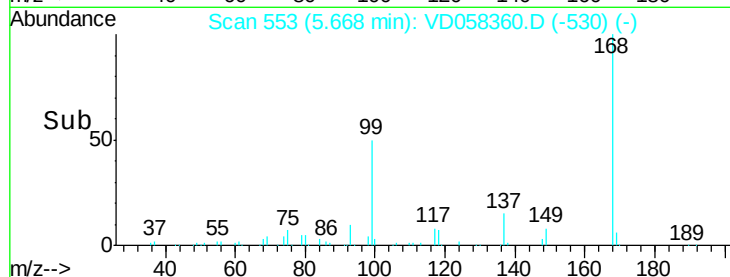
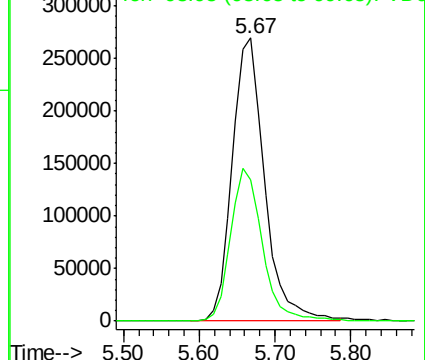
168 100

99 50.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.36 min Scan# 115

Delta R.T. 0.02 min

Lab File: VD058360.D

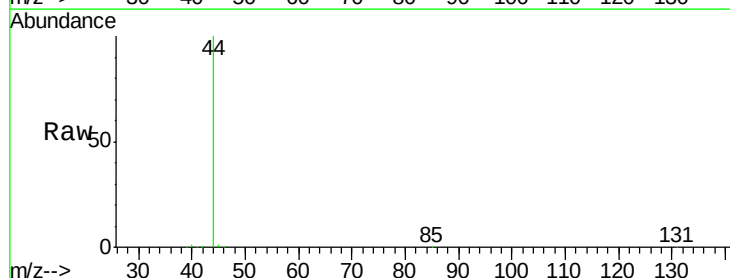
Acq: 24 Jun 2018 00:17

Tgt Ion: 85 Resp: 1381

Ion Ratio Lower Upper

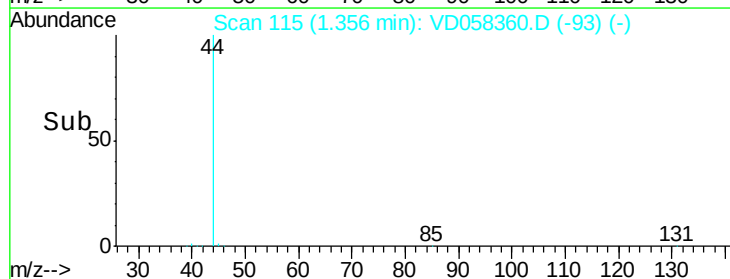
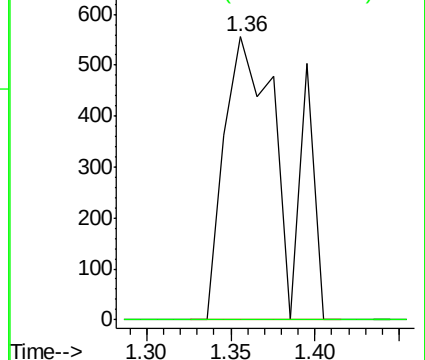
85 100

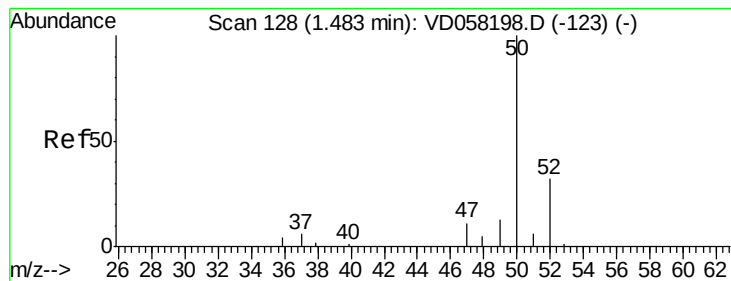
87 0.0 15.7 47.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 1.52 min Scan# 132

Delta R.T. 0.04 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

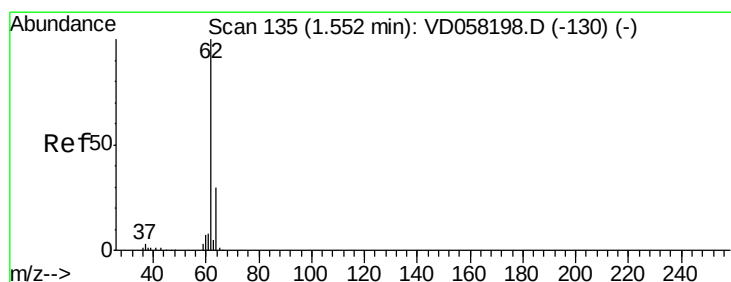
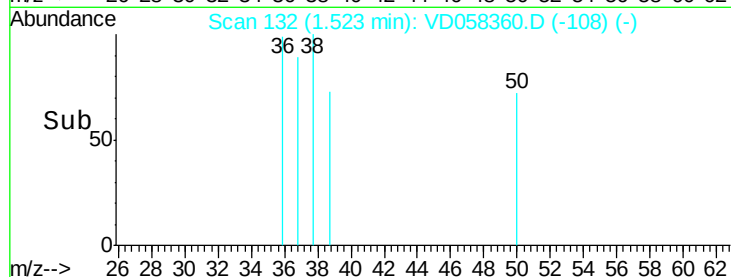
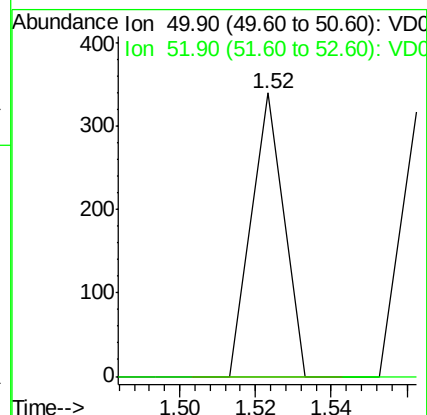
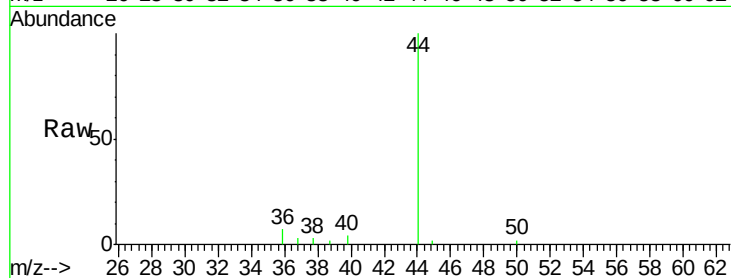
ClientSampleId :

Tot Ion: 50 Resp: 200

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#



#4

Vinyl Chloride

Concen: 34.17 ug/l

RT: 1.57 min Scan# 137

Delta R.T. 0.02 min

Lab File: VD058360.D

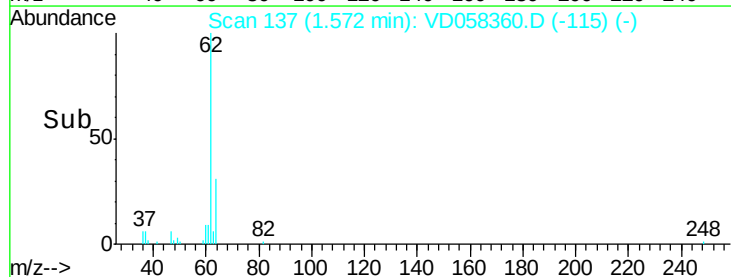
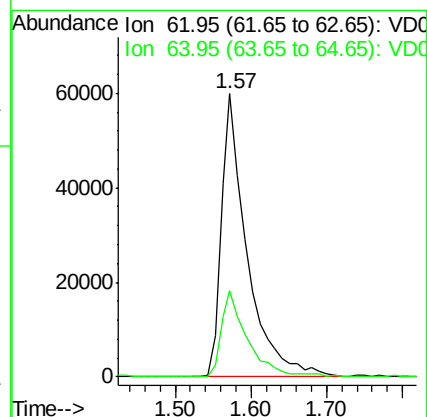
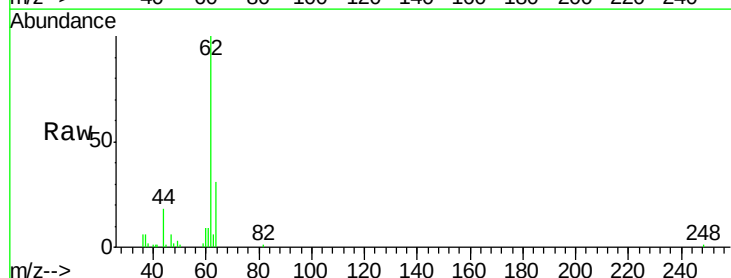
Acq: 24 Jun 2018 00:17

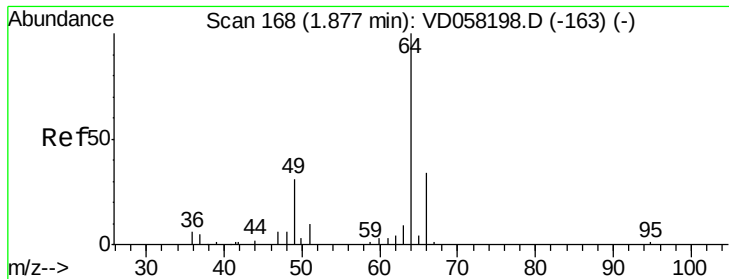
Tgt Ion: 62 Resp: 142160

Ion Ratio Lower Upper

62 100

64 30.6 24.4 36.6





#6

Chloroethane

Concen: 1.51 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.09 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

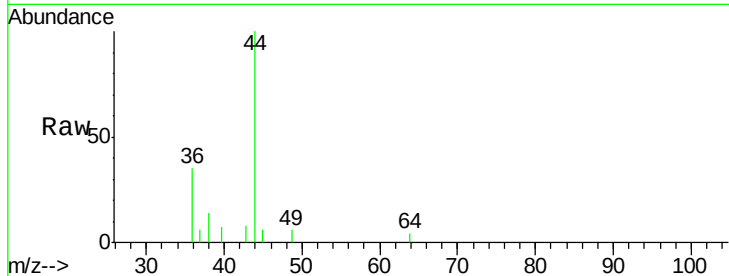
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 64 Resp: 188

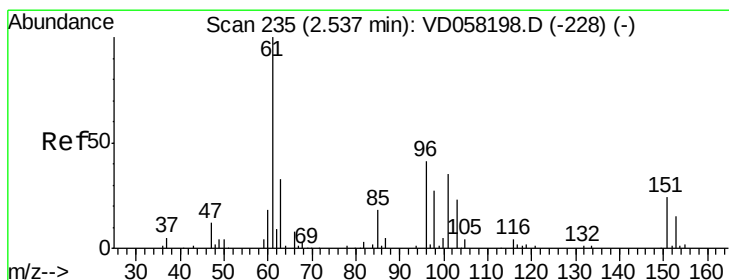
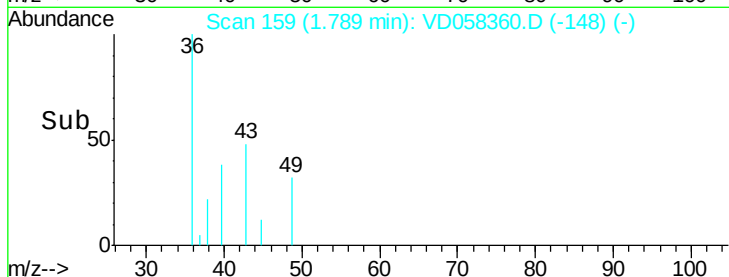
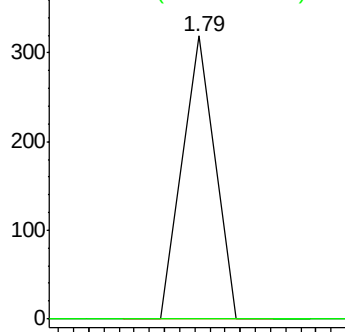
Ion Ratio Lower Upper

64 100

66 0.0 27.3 40.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC



#12

1,1-Dichloroethene

Concen: 16.03 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

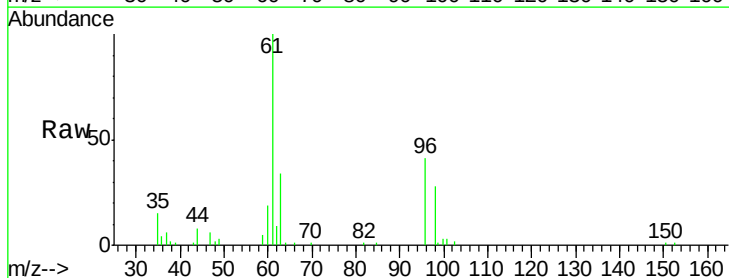
Tgt Ion: 96 Resp: 43728

Ion Ratio Lower Upper

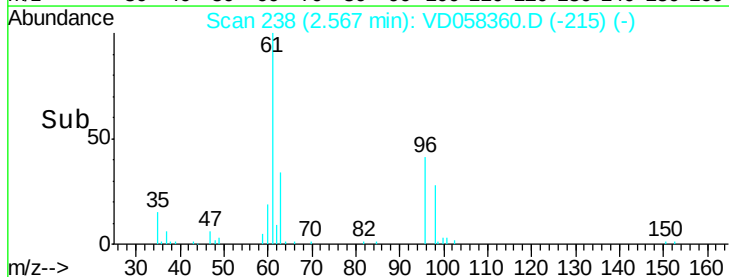
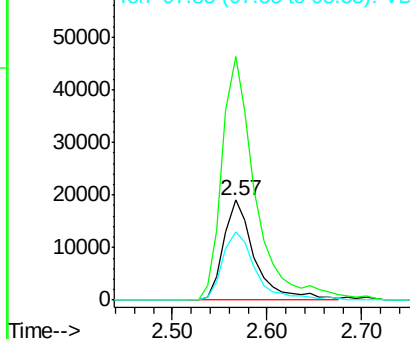
96 100

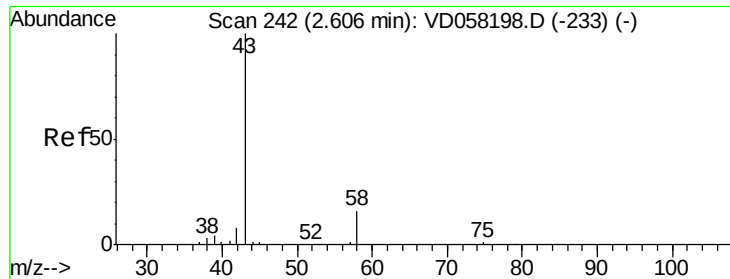
61 243.8 193.9 290.9

98 68.0 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC





#16

Acetone

Concen: 28.17 ug/l

RT: 2.64 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

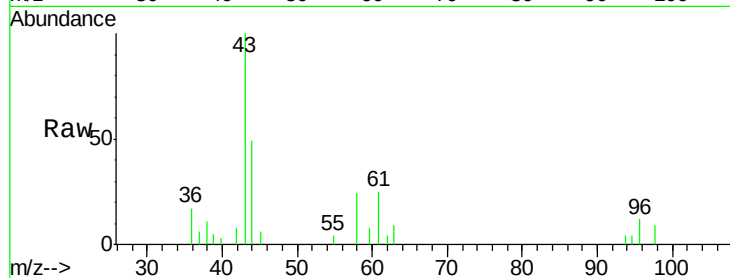
ClientSampleId :

Tot Ion: 43 Resp: 30902

Ion Ratio Lower Upper

43 100

58 24.1 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.64

8000

6000

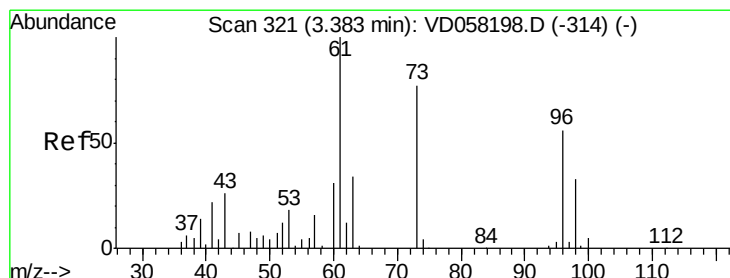
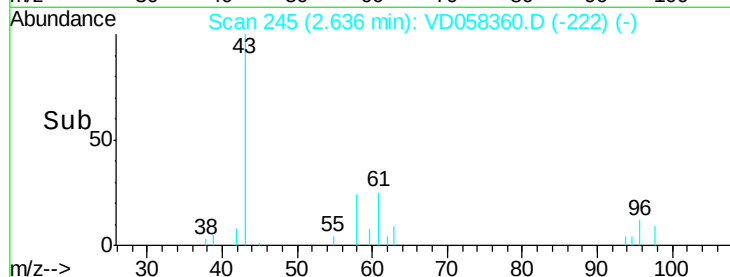
4000

2000

0

Time-->

2.50 2.60 2.70 2.80



#21

trans-1,2-Dichloroethene

Concen: 2.72 ug/l

RT: 3.40 min Scan# 323

Delta R.T. 0.02 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

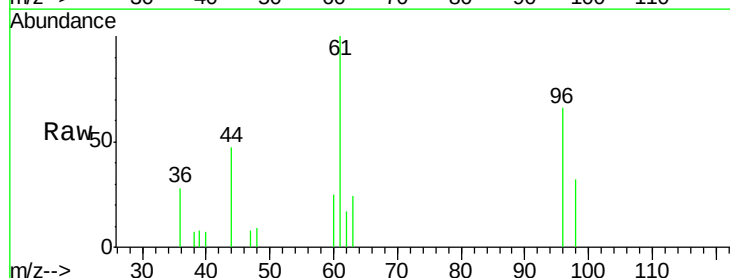
Tgt Ion: 96 Resp: 8098

Ion Ratio Lower Upper

96 100

61 151.6 143.8 215.6

98 48.0 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

8000

6000

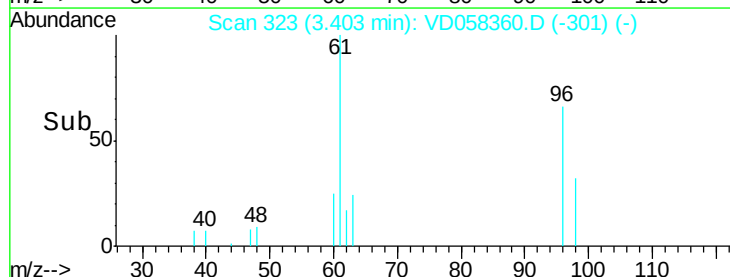
4000

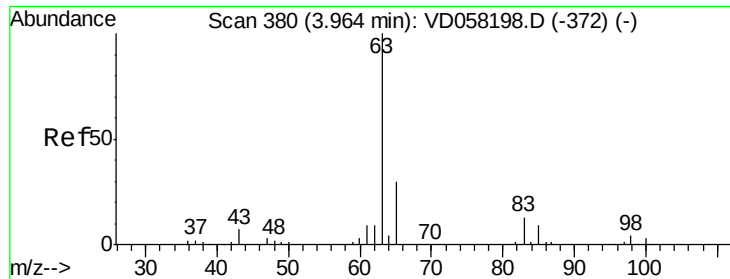
2000

0

Time-->

3.35 3.40 3.45 3.50





#24

1,1-Dichloroethane

Concen: 1.44 ug/l

RT: 3.99 min Scan# 383

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

ClientSampleId :

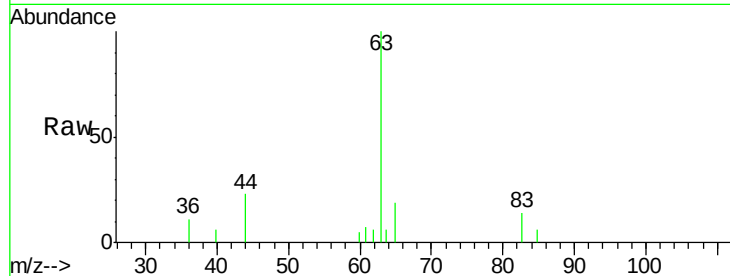
Tot Ion: 63 Resp: 19594

Ion Ratio Lower Upper

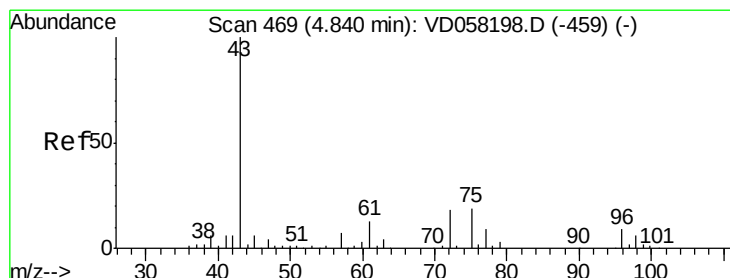
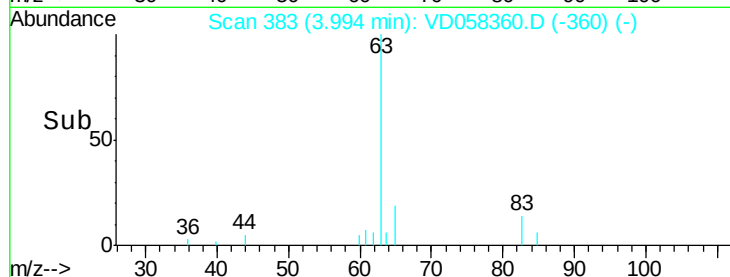
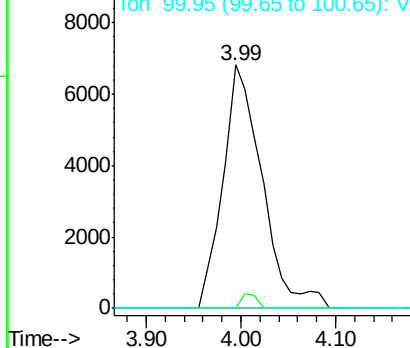
63 100

98 0.0 1.9 5.7#

100 0.0 1.3 3.9#



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC



#25

2-Butanone

Concen: 1.19 ug/l

RT: 4.87 min Scan# 472

Delta R.T. 0.03 min

Lab File: VD058360.D

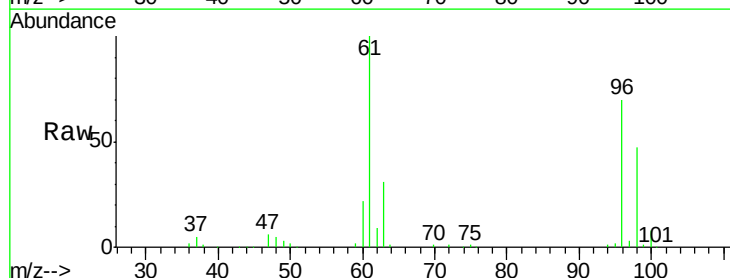
Acq: 24 Jun 2018 00:17

Tgt Ion: 43 Resp: 2843

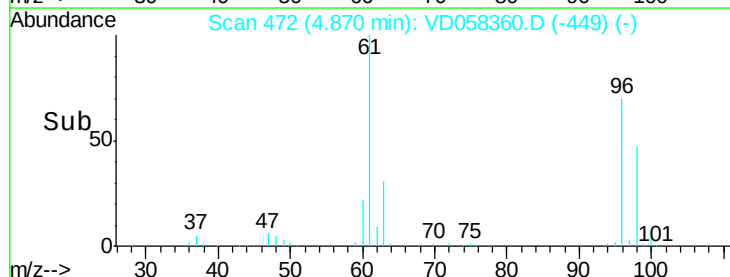
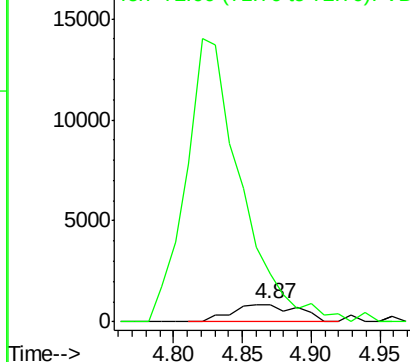
Ion Ratio Lower Upper

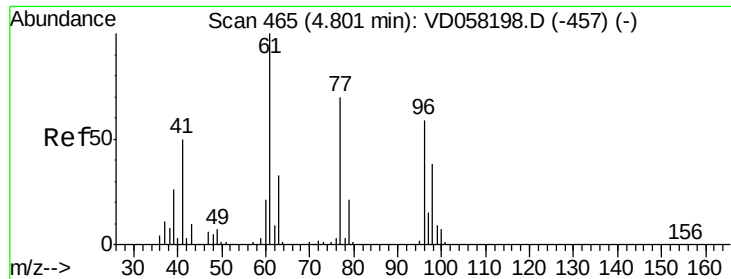
43 100

72 278.3 14.1 21.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 72.00 (71.70 to 72.70): VDC





#27

cis-1,2-Dichloroethene

Concen: 449.32 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

ClientSampled :

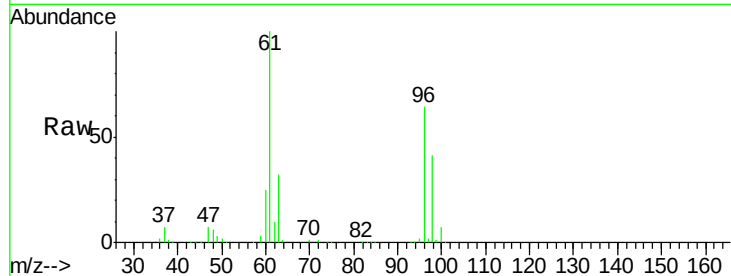
Tot Ion: 96 Resp: 3347844

Ion Ratio Lower Upper

96 100

61 156.7 0.0 338.6

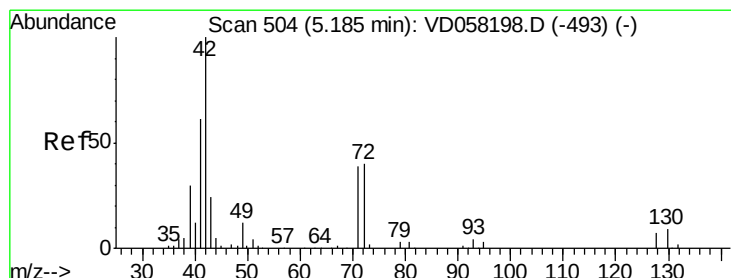
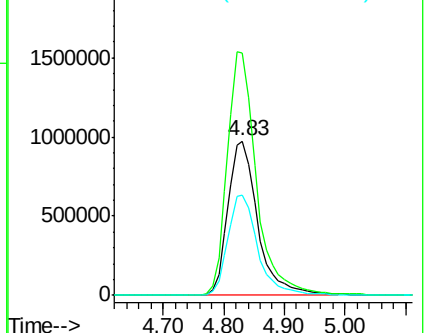
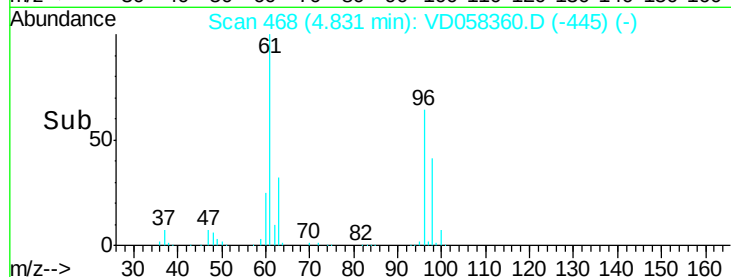
98 64.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#29

Tetrahydrofuran

Concen: 1.30 ug/l

RT: 5.21 min Scan# 507

Delta R.T. 0.03 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

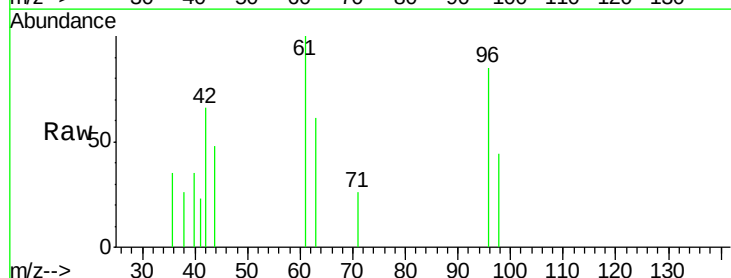
Tgt Ion: 42 Resp: 1656

Ion Ratio Lower Upper

42 100

72 0.0 30.2 45.2#

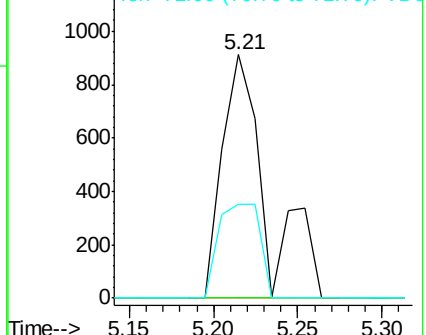
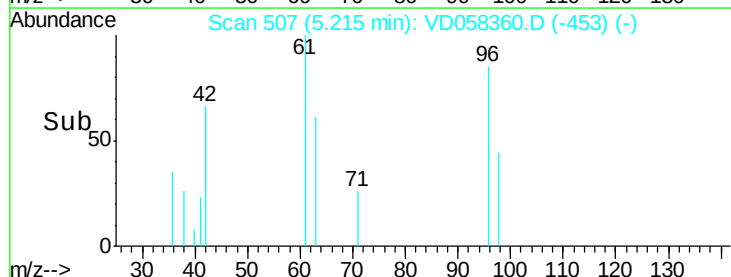
71 36.2 30.1 45.1



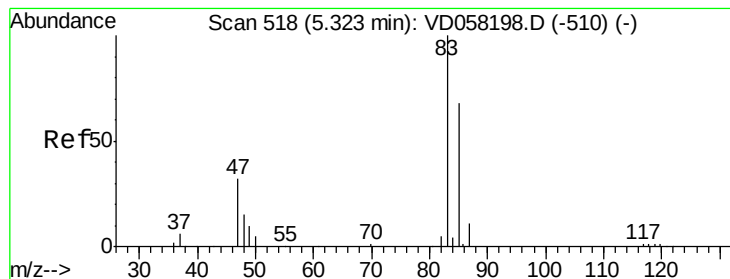
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC







#30

Chloroform

Concen: 1.47 ug/l

RT: 5.34 min Scan# 520

Delta R.T. 0.02 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

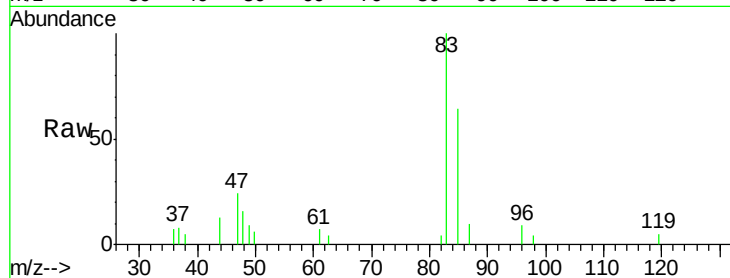
ClientSampleId :

Tot Ion: 83 Resp: 21043

Ion Ratio Lower Upper

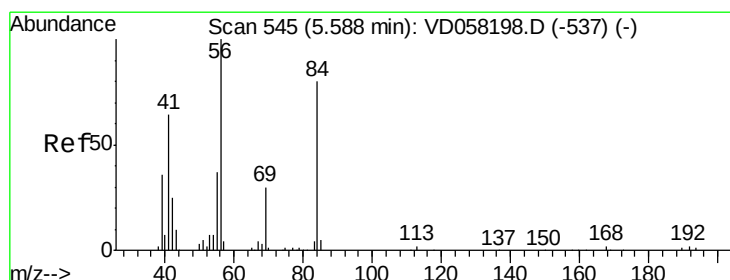
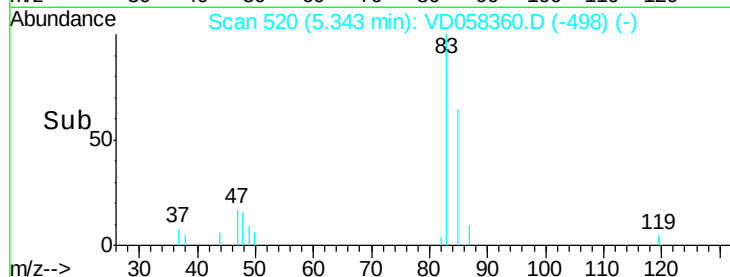
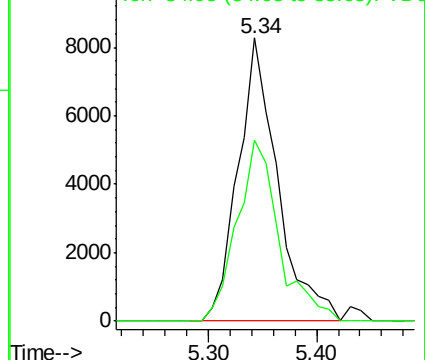
83 100

85 63.8 54.8 82.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 5.67 min Scan# 553

Delta R.T. 0.08 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

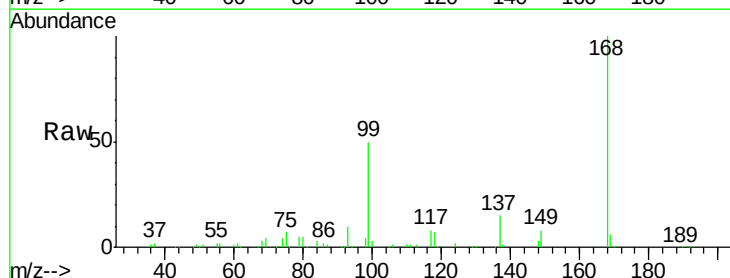
Tgt Ion: 56 Resp: 19408

Ion Ratio Lower Upper

56 100

69 181.5 23.6 35.4#

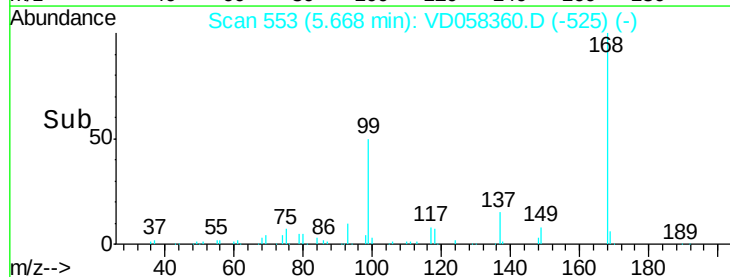
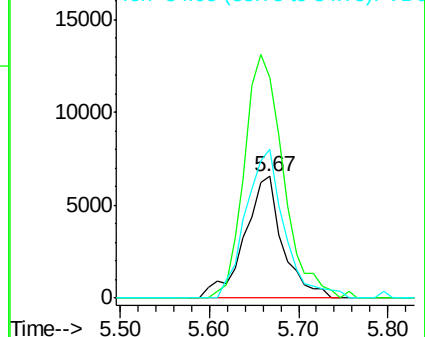
84 122.3 65.2 97.8#

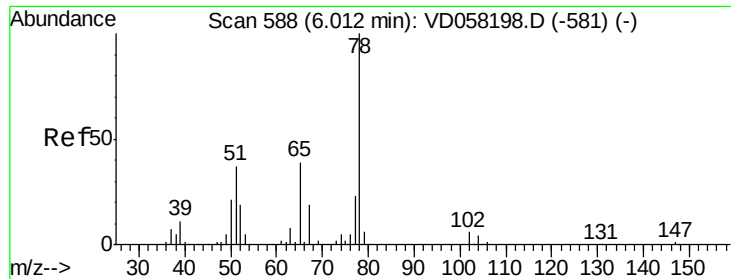


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

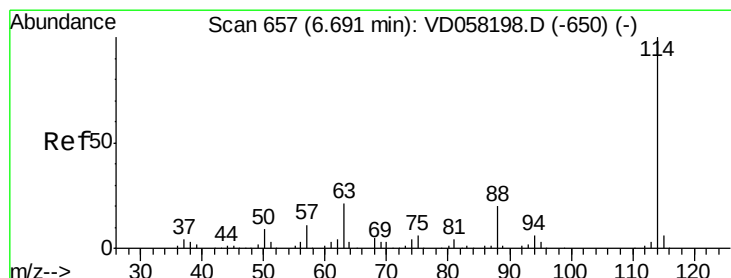
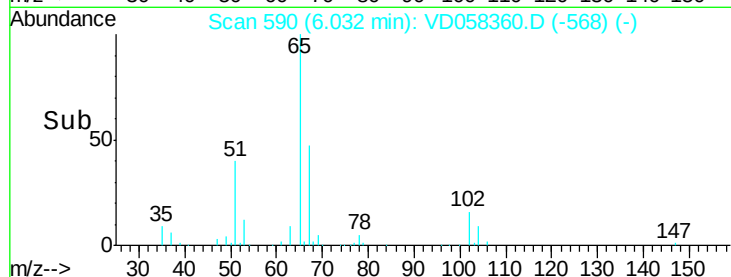
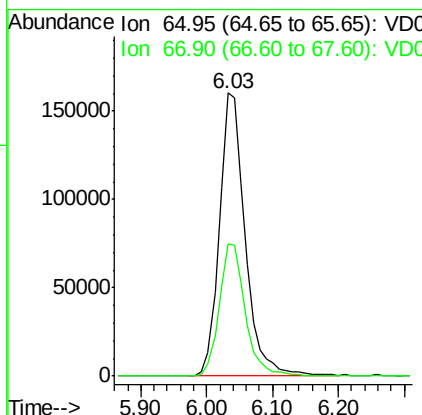
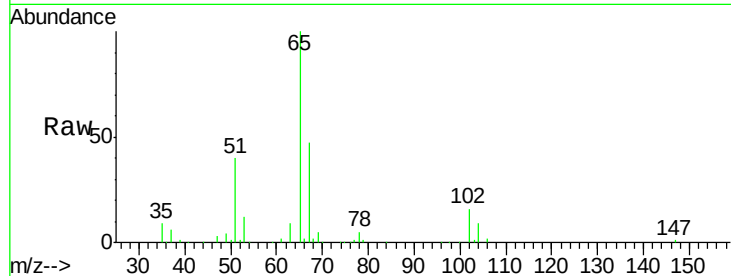




#33  
 1,2-Dichloroethane-d4  
 Concen: N.D. ug/l  
 RT: 6.03 min Scan# 590  
 Delta R.T. 0.02 min  
 Lab File: VD058360.D  
 Acq: 24 Jun 2018 00:17

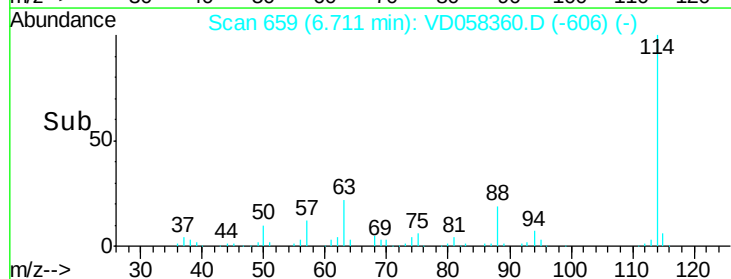
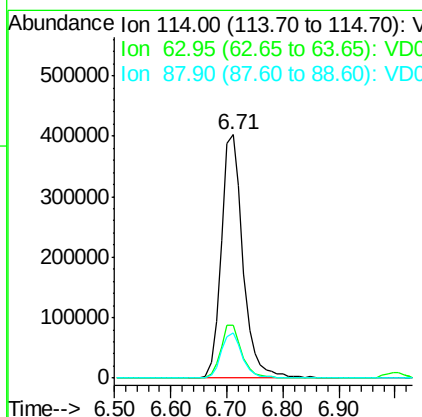
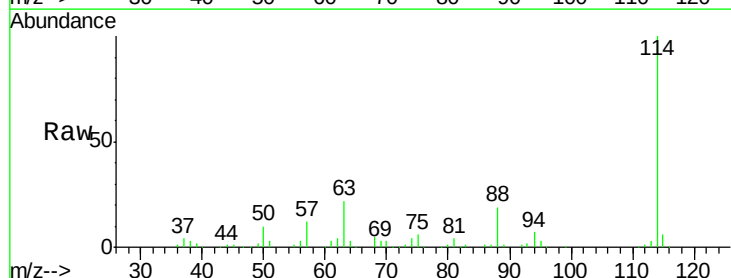
Instrument :  
 MSVOA\_D  
 ClientSampleId :

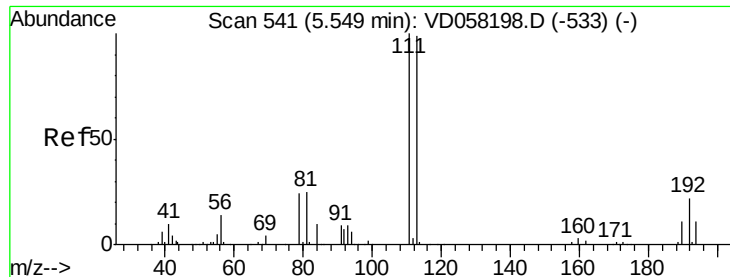
Tot Ion: 65 Resp: 436198  
 Ion Ratio Lower Upper  
 65 100  
 67 46.9 0.0 97.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.71 min Scan# 659  
 Delta R.T. 0.02 min  
 Lab File: VD058360.D  
 Acq: 24 Jun 2018 00:17

Tgt Ion: 114 Resp: 1079339  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 42.6  
 88 18.7 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.02 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

ClientSampleId :

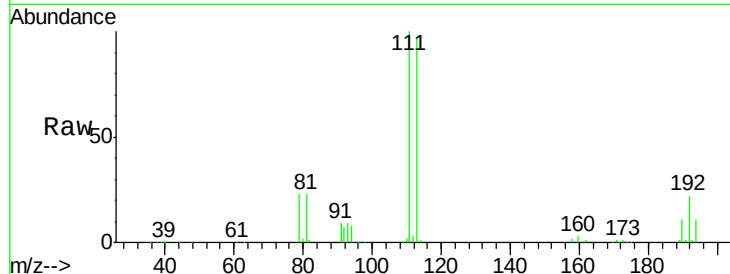
Tot Ion:113 Resp: 449157

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

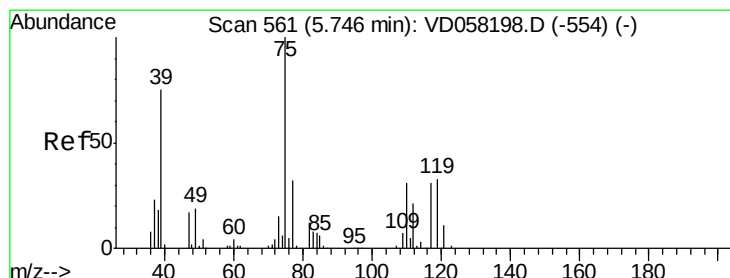
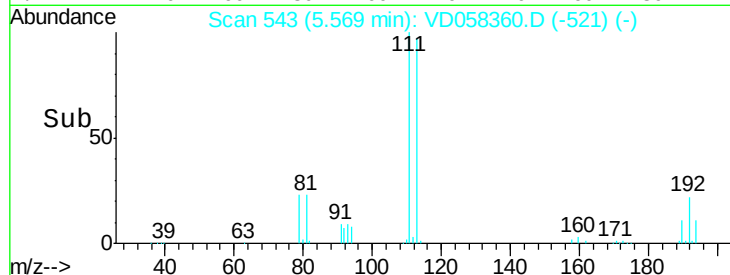
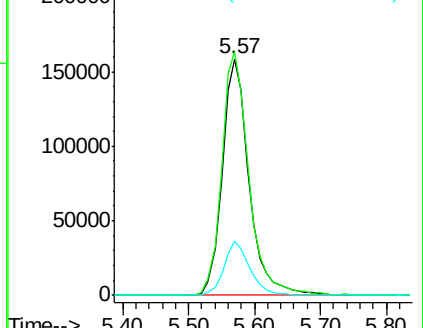
192 22.7 17.8 26.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.95 ug/l

RT: 5.66 min Scan# 552

Delta R.T. -0.09 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

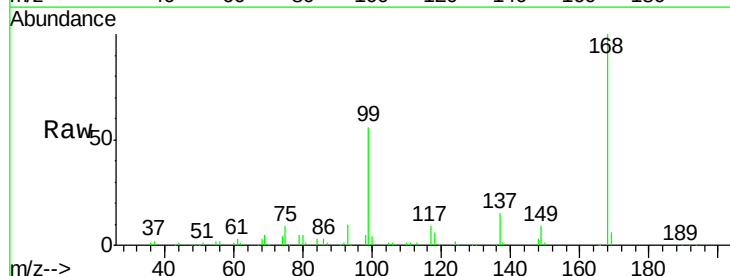
Tgt Ion: 75 Resp: 63503

Ion Ratio Lower Upper

75 100

110 10.1 15.4 46.4#

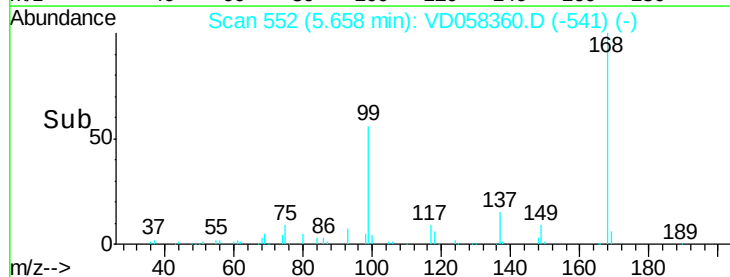
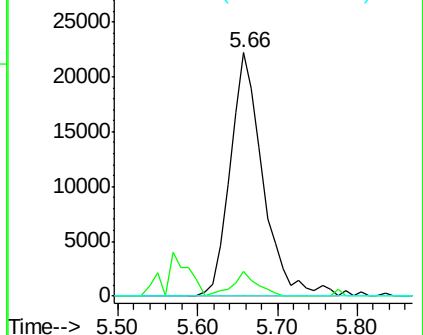
77 0.0 25.4 38.2#

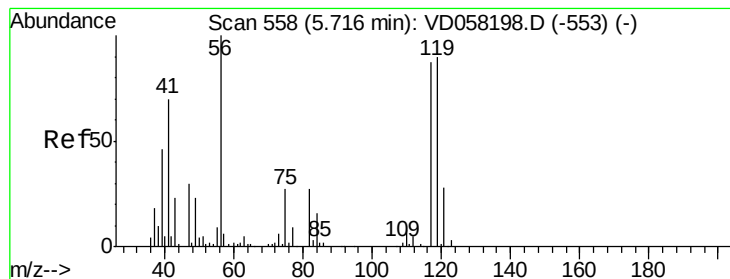


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.31 ug/l

RT: 5.66 min Scan# 552

Delta R.T. -0.06 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

ClientSampled :

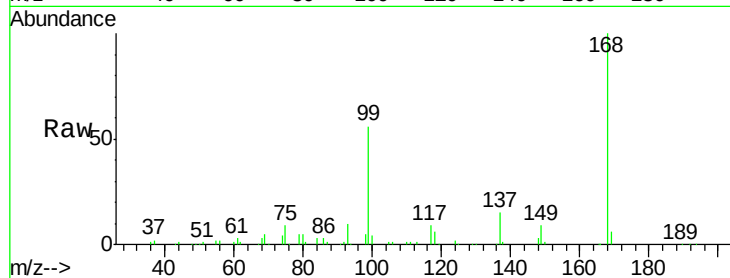
Tot Ion:117 Resp: 66907

Ion Ratio Lower Upper

117 100

119 3.7 78.8 118.2#

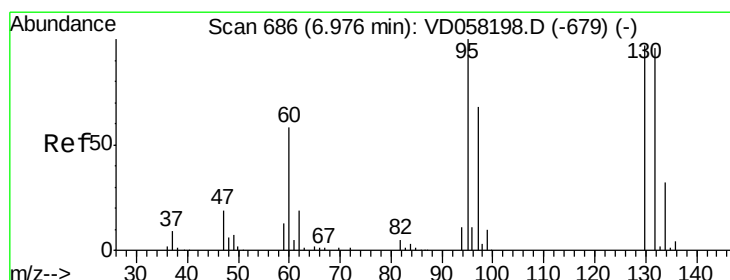
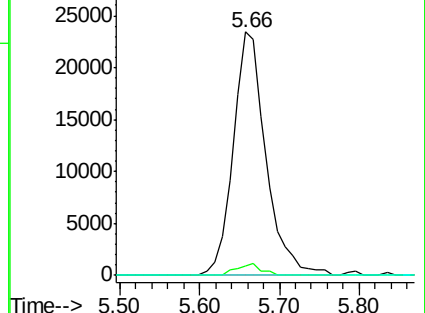
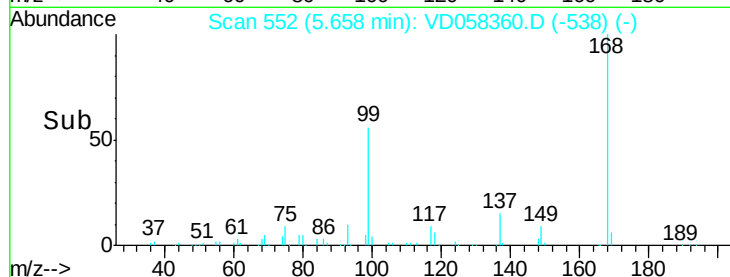
121 0.0 25.0 37.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#44

Trichloroethene

Concen: 648.44 ug/l

RT: 7.01 min Scan# 689

Delta R.T. 0.03 min

Lab File: VD058360.D

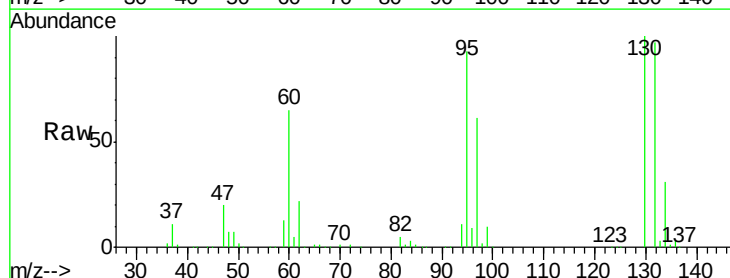
Acq: 24 Jun 2018 00:17

Tgt Ion:130 Resp: 4952501

Ion Ratio Lower Upper

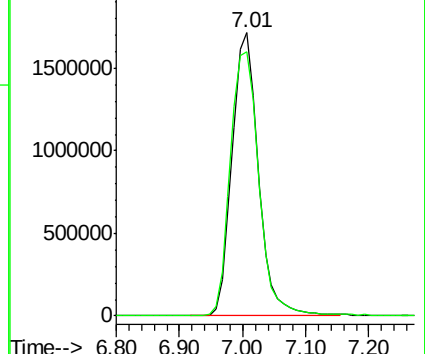
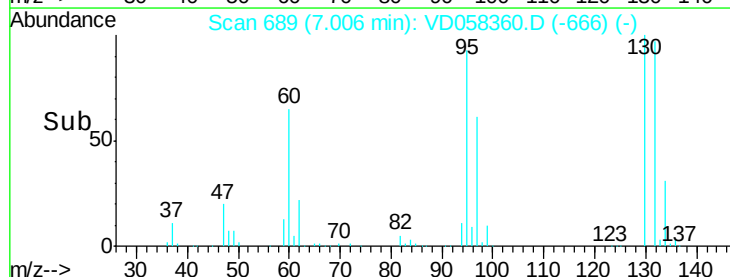
130 100

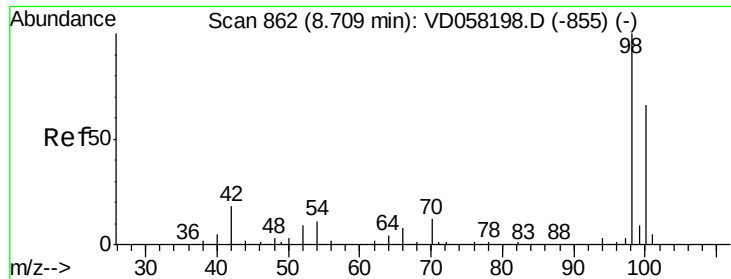
95 93.1 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

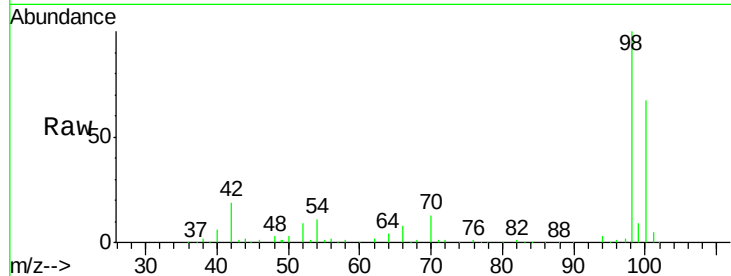




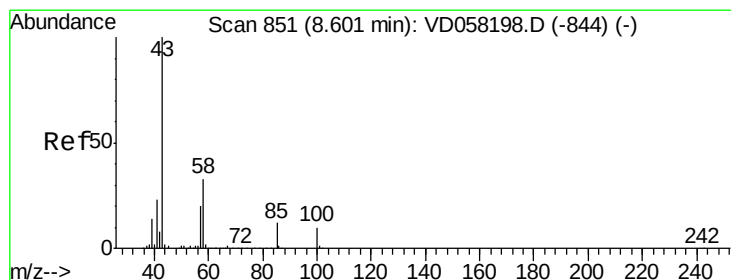
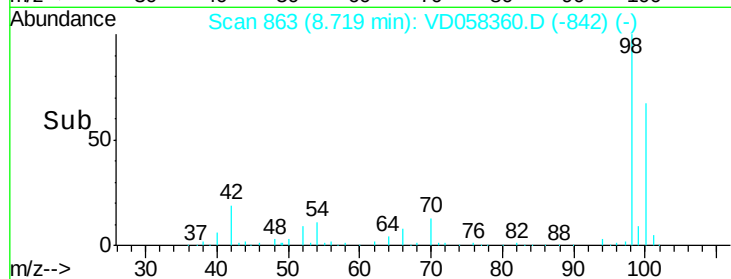
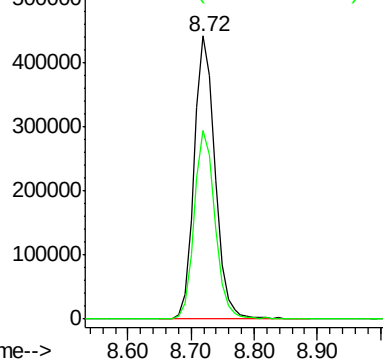
#50  
Toluene-d8  
Concen: N.D. ug/l  
RT: 8.72 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 98 Resp: 1022068  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.6 80.4

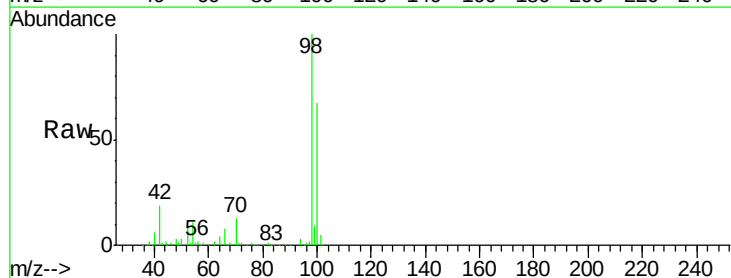


Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)  
Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

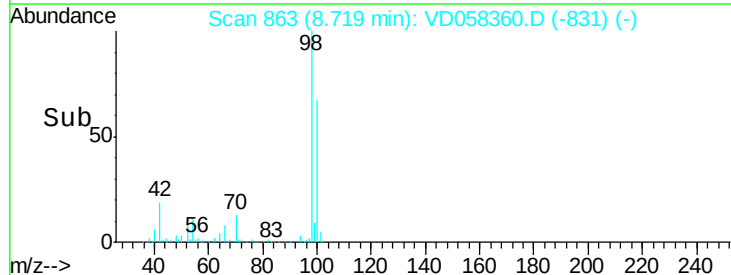
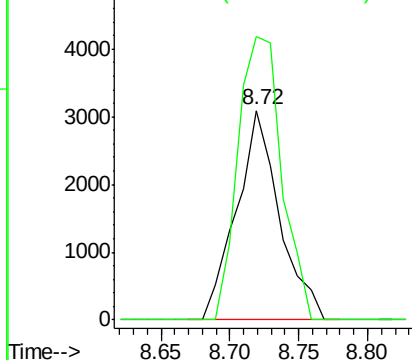


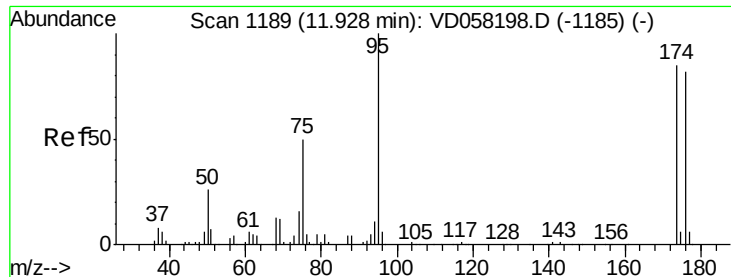
#51  
4-Methyl-2-Pentanone  
Concen: 1.27 ug/l  
RT: 8.72 min Scan# 863  
Delta R.T. 0.12 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

Tgt Ion: 43 Resp: 6740  
Ion Ratio Lower Upper  
43 100  
58 135.1 26.7 40.1#



Abundance Ion 42.95 (42.65 to 43.65): VD058198.D (-844) (-)  
Ion 57.95 (57.65 to 58.65): VD058198.D (-844) (-)

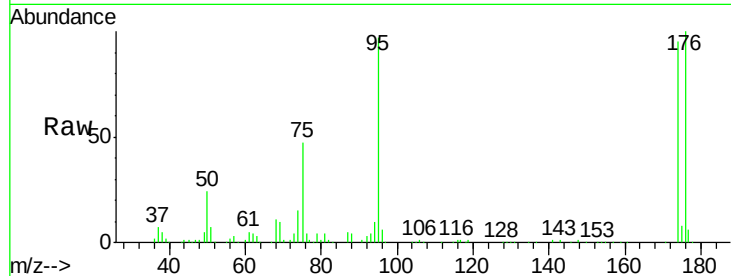




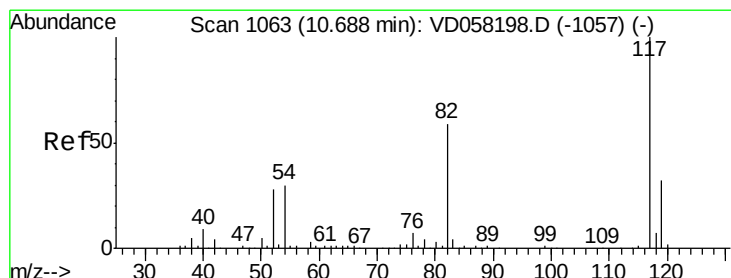
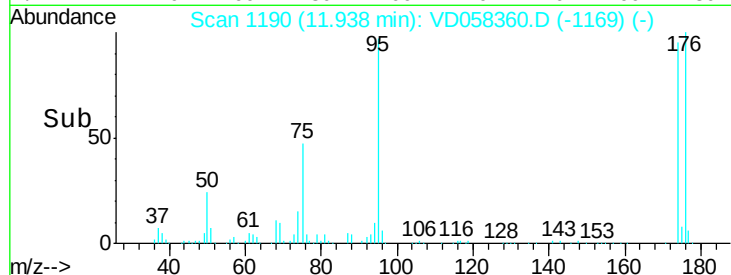
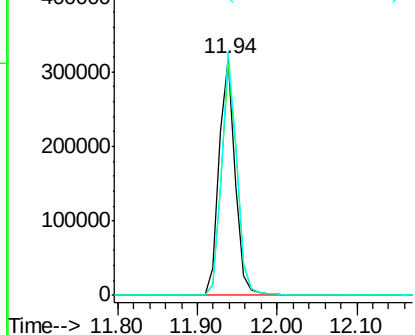
#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 11.94 min Scan# 1190  
Delta R.T. 0.01 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 95 Resp: 453756  
Ion Ratio Lower Upper  
95 100  
174 97.9 0.0 170.2  
176 102.9 0.0 164.6

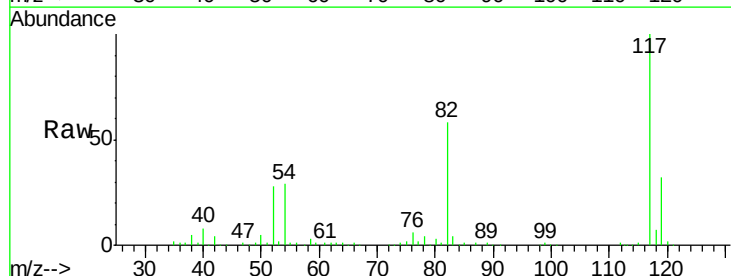


Abundance Ion 95.00 (94.70 to 95.70): V  
Ion 173.90 (173.60 to 174.60): V  
Ion 175.90 (175.60 to 176.60): V

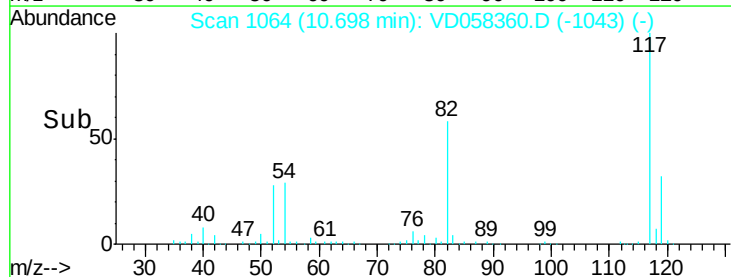
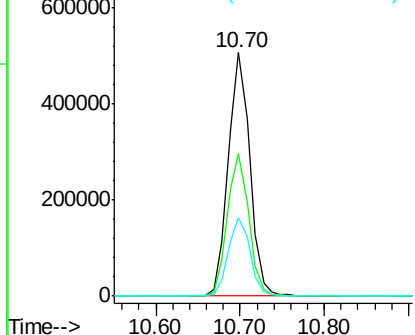


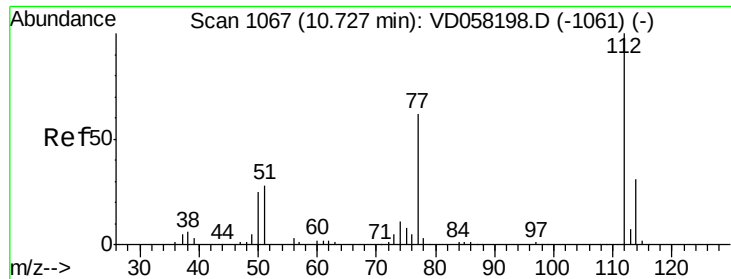
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.70 min Scan# 1064  
Delta R.T. 0.01 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

Tgt Ion: 117 Resp: 901475  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.0 70.6  
119 32.4 25.3 37.9



Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

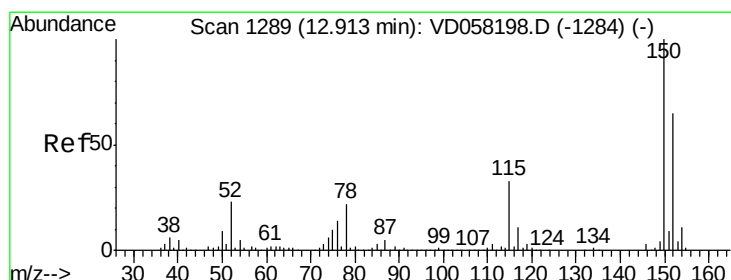
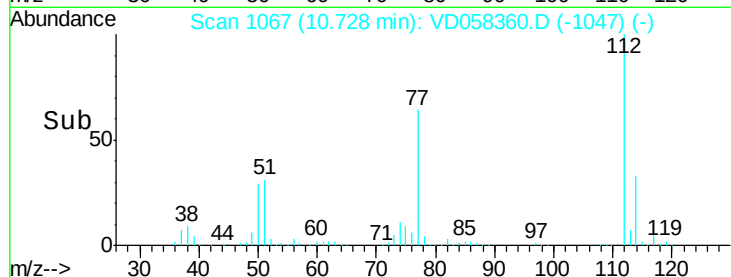
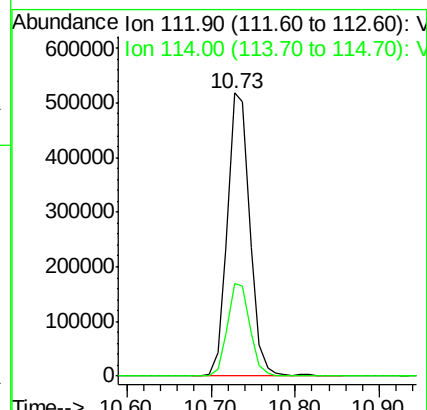
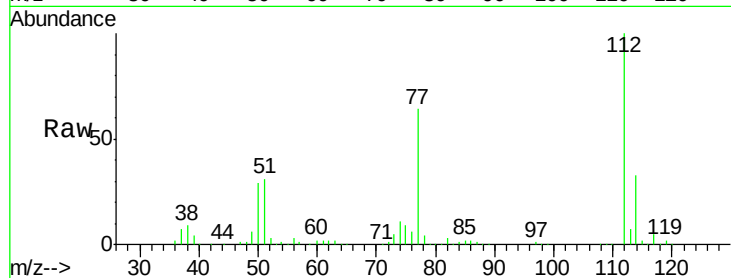




#65  
Chlorobenzene  
Concen: 57.03 ug/l  
RT: 10.73 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

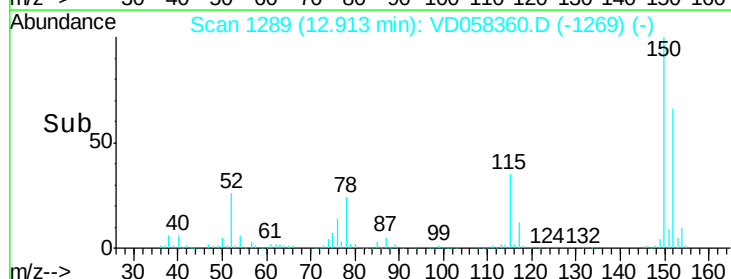
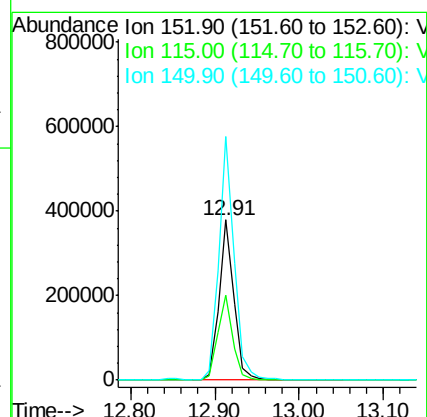
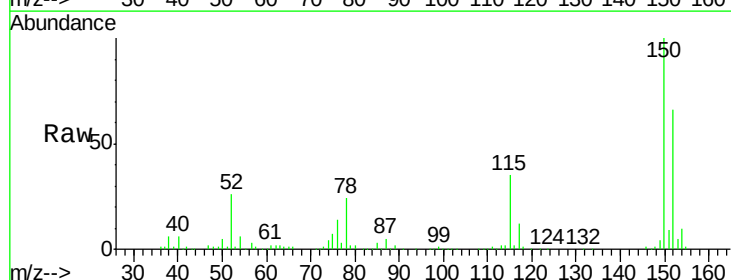
Instrument :  
MSVOA\_D  
ClientSampled :

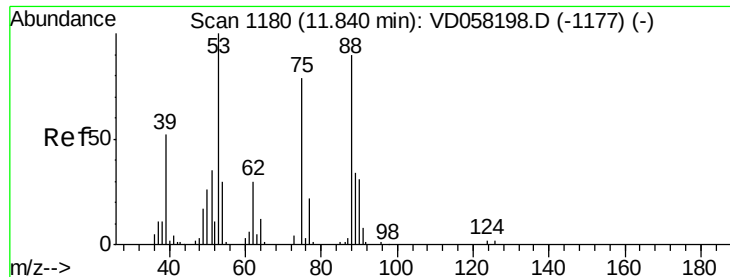
Tot Ion:112 Resp: 961647  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.91 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: VD058360.D  
Acq: 24 Jun 2018 00:17

Tgt Ion:152 Resp: 464459  
Ion Ratio Lower Upper  
152 100  
115 53.4 25.1 75.3  
150 151.9 0.0 308.8





#81

trans-1,4-Dichloro-2-butene

Concen: 131.43 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD058360.D

Acq: 24 Jun 2018 00:17

Instrument :

MSVOA\_D

ClientSampleId :

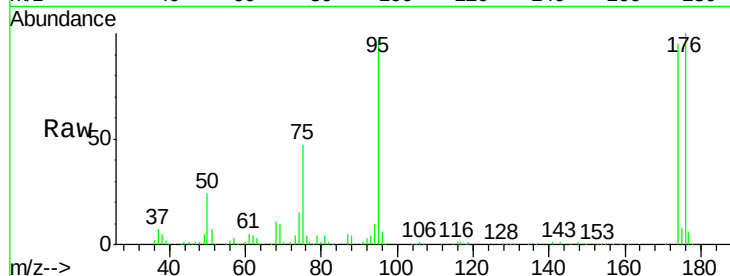
Tot Ion: 75 Resp: 217366

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

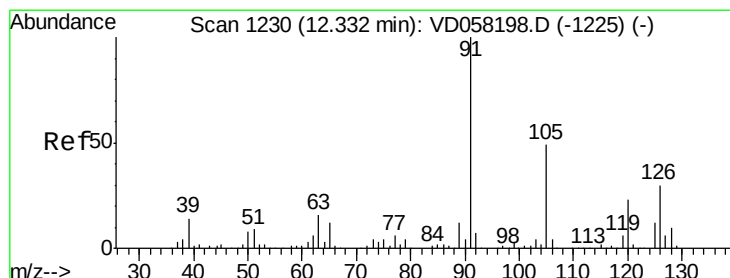
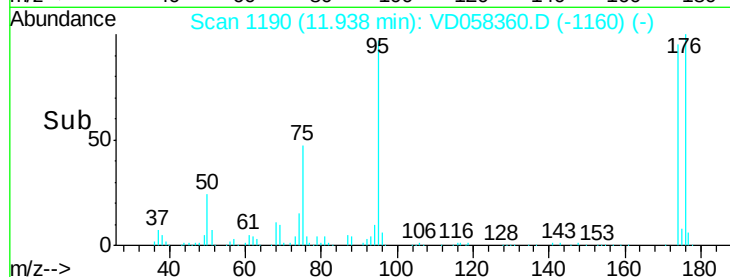
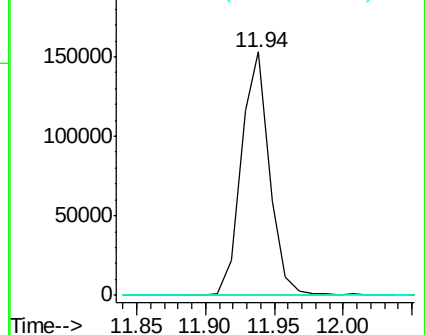
89 0.0 34.6 52.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.33 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VD058360.D

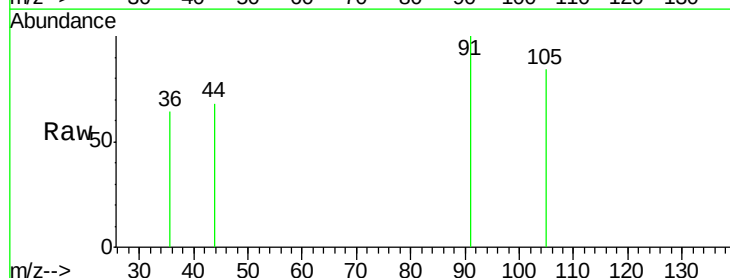
Acq: 24 Jun 2018 00:17

Tgt Ion: 91 Resp: 327

Ion Ratio Lower Upper

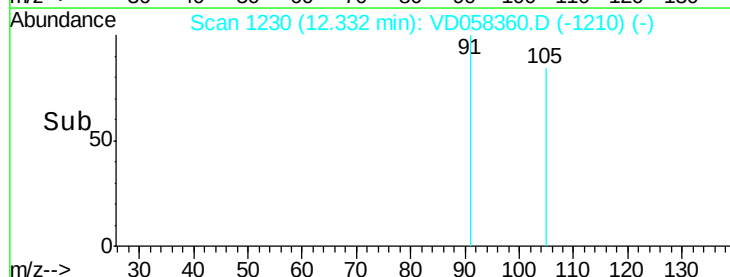
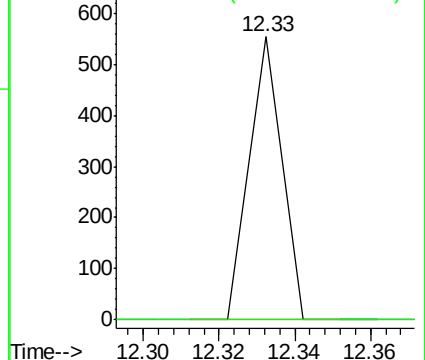
91 100

126 0.0 14.9 44.9#

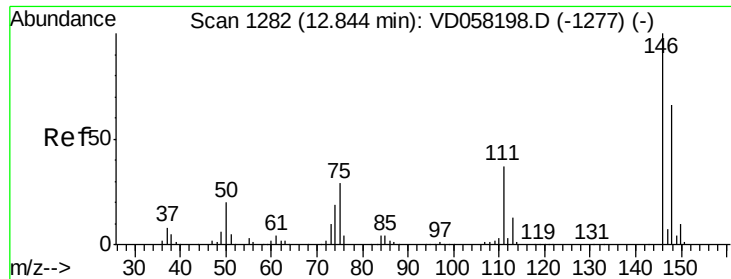


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V



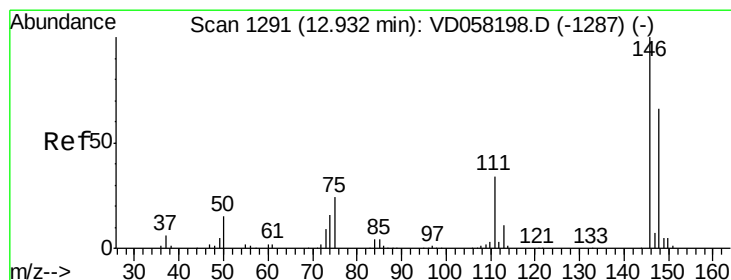
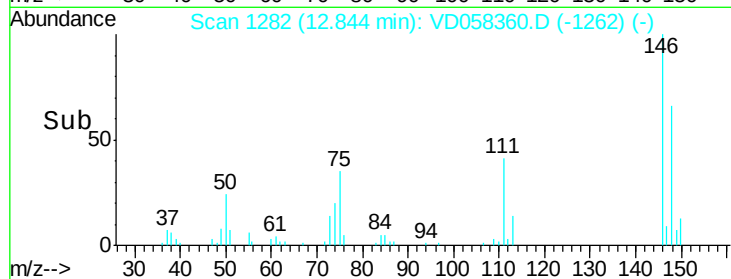
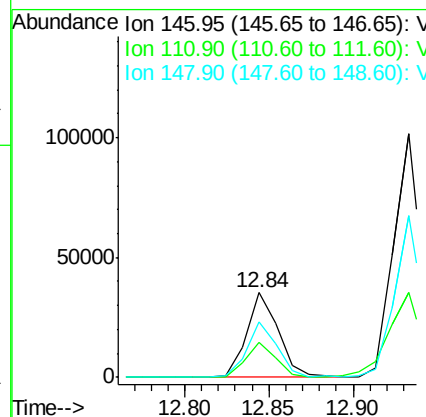
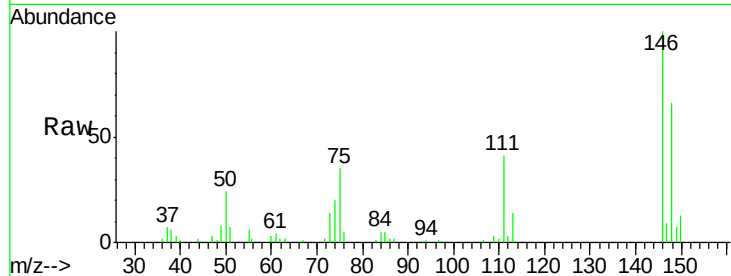




#87  
 1,3-Dichlorobenzene  
 Concen: 3.17 ug/l  
 RT: 12.84 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD058360.D  
 Acq: 24 Jun 2018 00:17

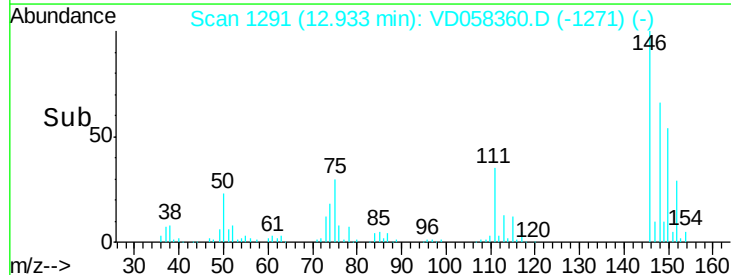
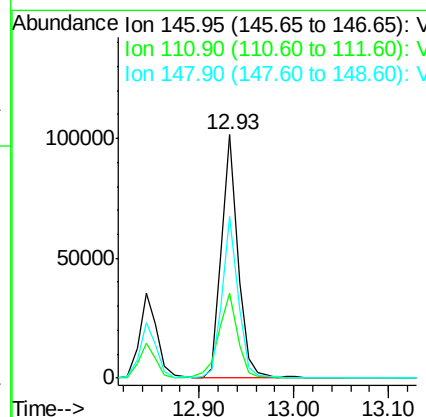
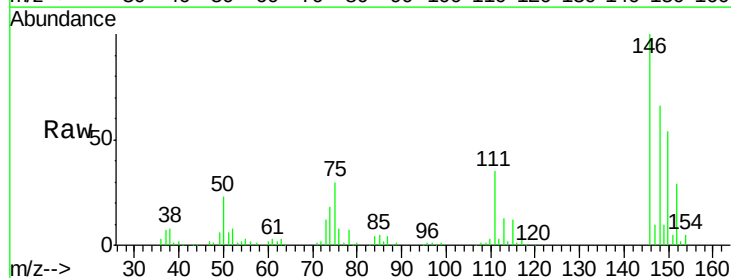
Instrument :  
 MSVOA\_D  
 ClientSampleID :

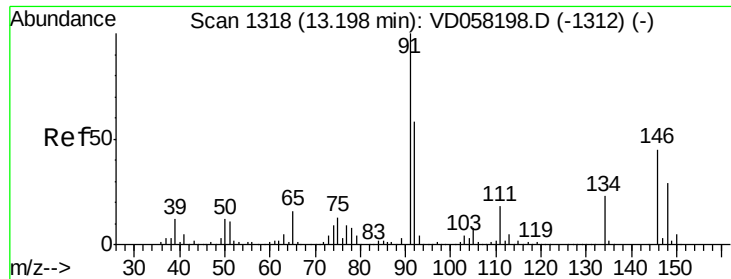
Tot Ion:146 Resp: 45847  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 18.4 55.0  
 148 65.7 32.8 98.4



#88  
 1,4-Dichlorobenzene  
 Concen: 8.77 ug/l  
 RT: 12.93 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VD058360.D  
 Acq: 24 Jun 2018 00:17

Tgt Ion:146 Resp: 123883  
 Ion Ratio Lower Upper  
 146 100  
 111 34.9 17.2 51.5  
 148 66.3 33.1 99.3





#91  
 1,2-Dichlorobenzene  
 Concen: 14.73 ug/l  
 RT: 13.20 min Scan# 1318  
 Delta R.T. 0.00 min  
 Lab File: VD058360.D  
 Acq: 24 Jun 2018 00:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 19.6  | 58.7  |
| 148     | 62.8  | 32.0  | 96.2  |

