

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\  
 Data File : VD063718.D  
 Acq On : 21 Aug 2019 17:36  
 Operator : JC/SY  
 Sample : K4404-01  
 Misc : 5.51a/5ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T1-K1-(2.5)

Quant Time: Aug 22 01:27:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 10143    | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 16128    | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 17990    | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 8403     | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 12056    | 111.20 | ug/l    | -0.02    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 222.40% |          |
| 35) Dibromofluoromethane    | 6.91  | 113  | 9501     | 69.95  | ug/l    | -0.03    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 139.90% |          |
| 50) Toluene-d8              | 10.41 | 98   | 20158    | 67.50  | ug/l    | -0.02    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 135.00% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 7744     | 57.21  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 114.42% |          |

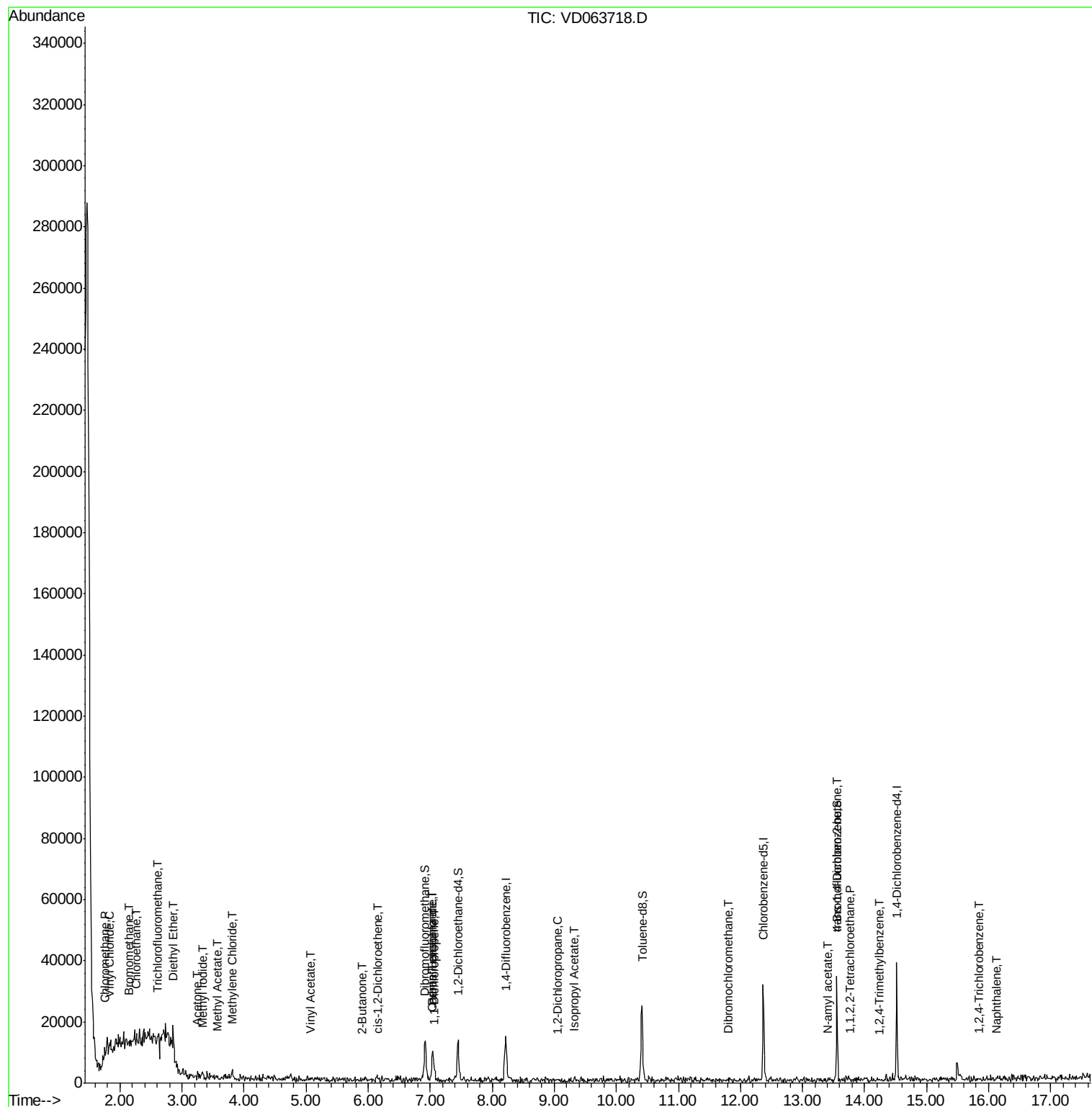
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.76  | 50   | 181      | 1.888   | ug/l # | 41     |
| 4) Vinyl Chloride              | 1.82  | 62   | 305      | 3.205   | ug/l # | 42     |
| 5) Bromomethane                | 2.14  | 94   | 2780     | 61.902  | ug/l # | 11     |
| 6) Chloroethane                | 2.26  | 64   | 239      | 5.491   | ug/l # | 1      |
| 7) Trichlorofluoromethane      | 2.59  | 101  | 206      | 1.103   | ug/l # | 17     |
| 8) Diethyl Ether               | 2.85  | 74   | 272      | 10.319  | ug/l # | 1      |
| 10) Methyl Iodide              | 3.34  | 142  | 851      | 5.456   | ug/l # | 29     |
| 16) Acetone                    | 3.24  | 43   | 812      | 36.842  | ug/l # | 65     |
| 18) Methyl Acetate             | 3.56  | 43   | 177      | 4.240   | ug/l # | 57     |
| 20) Methylene Chloride         | 3.80  | 84   | 1439     | 15.099  | ug/l # | 38     |
| 23) Vinyl Acetate              | 5.08  | 43   | 244      | 1.651   | ug/l # | 82     |
| 25) 2-Butanone                 | 5.91  | 43   | 214      | 9.831   | ug/l # | 58     |
| 27) cis-1,2-Dichloroethene     | 6.16  | 96   | 193      | 2.045   | ug/l   | 1      |
| 36) 1,1-Dichloropropene        | 7.08  | 75   | 217      | 1.522   | ug/l # | 42     |
| 38) Carbon Tetrachloride       | 7.02  | 117  | 426      | 1.983   | ug/l # | 13     |
| 43) Isopropyl Acetate          | 9.33  | 43   | 232      | 2.899   | ug/l # | 48     |
| 45) 1,2-Dichloropropane        | 9.04  | 63   | 265      | 3.627   | ug/l # | 47     |
| 60) Dibromochloromethane       | 11.80 | 129  | 216      | 1.739   | ug/l # | 12     |
| 74) N-amyl acetate             | 13.41 | 43   | 210      | 1.565   | ug/l # | 53     |
| 75) 1,1,2,2-Tetrachloroethane  | 13.76 | 83   | 228      | 2.570   | ug/l # | 26     |
| 81) trans-1,4-Dichloro-2-buten | 13.56 | 75   | 3943     | 152.121 | ug/l # | 1      |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 460      | 1.065   | ug/l # | 19     |
| 93) 1,2,4-Trichlorobenzene     | 15.84 | 180  | 202      | 1.225   | ug/l # | 10     |
| 95) Naphthalene                | 16.13 | 128  | 279      | 1.116   | ug/l # | 71     |

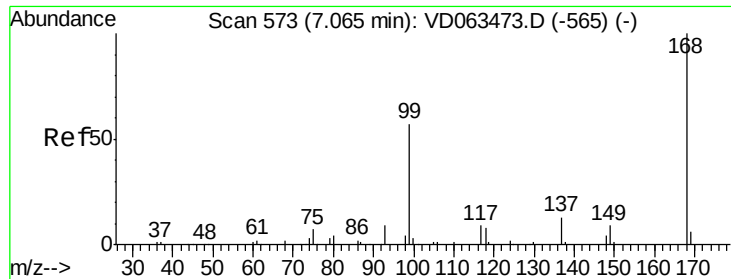
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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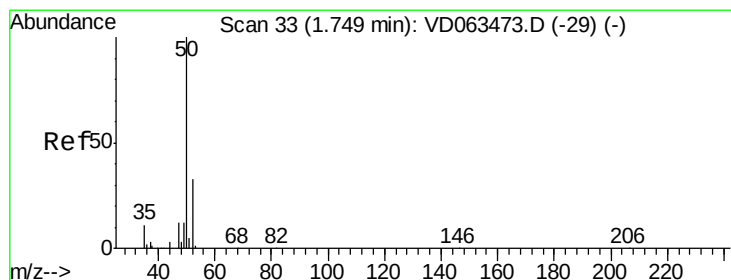
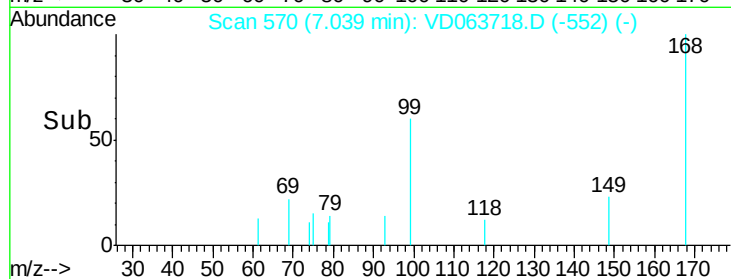
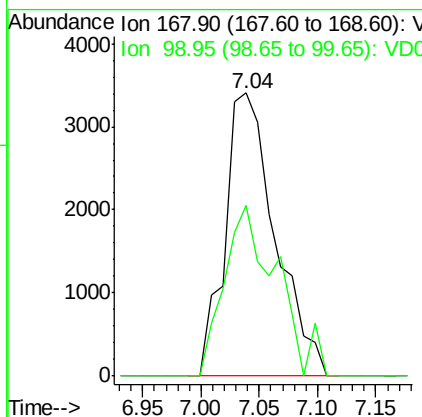
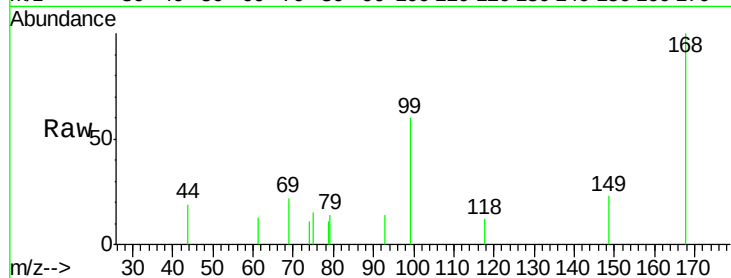




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.04 min Scan# 570  
Delta R.T. -0.03 min  
Lab File: VD063718.D  
Acq: 21 Aug 2019 17:36

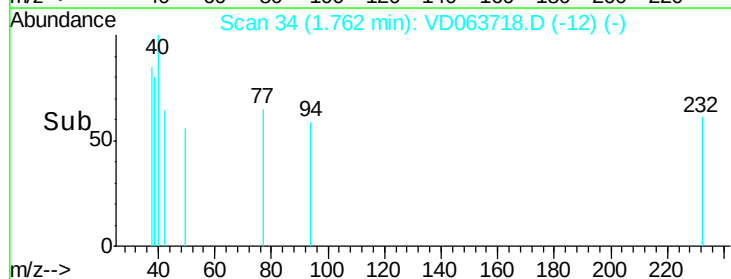
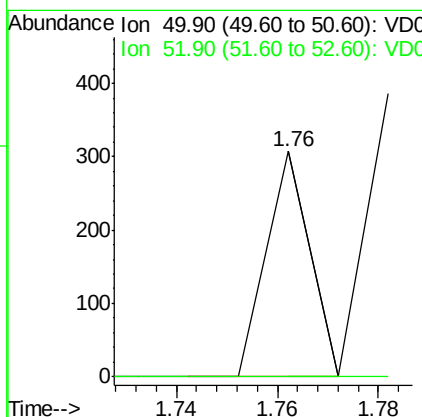
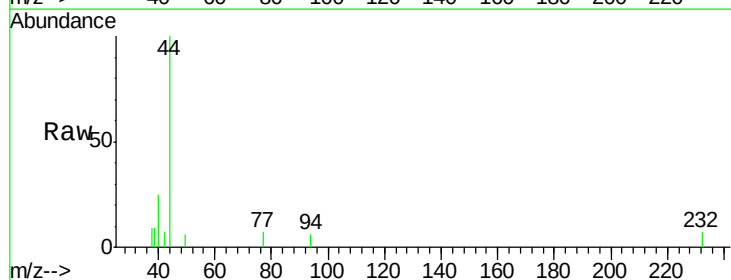
Instrument :  
MSVOA\_D  
ClientSampleId :  
T1-K1-(2.5)

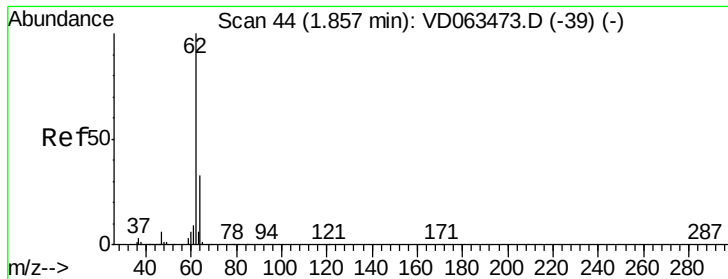
Tot Ion:168 Resp: 10143  
Ion Ratio Lower Upper  
168 100  
99 60.5 46.7 70.1



#3  
Chloromethane  
Concen: 1.888 ug/l  
RT: 1.76 min Scan# 34  
Delta R.T. 0.01 min  
Lab File: VD063718.D  
Acq: 21 Aug 2019 17:36

Tgt Ion: 50 Resp: 181  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.6 40.0#





#4

Vinyl Chloride

Concen: 3.205 ug/l

RT: 1.82 min Scan# 40

Delta R.T. -0.04 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

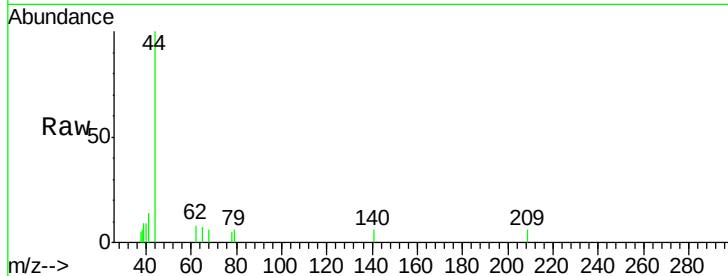
T1-K1-(2.5)

Tot Ion: 62 Resp: 305

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.82

500

400

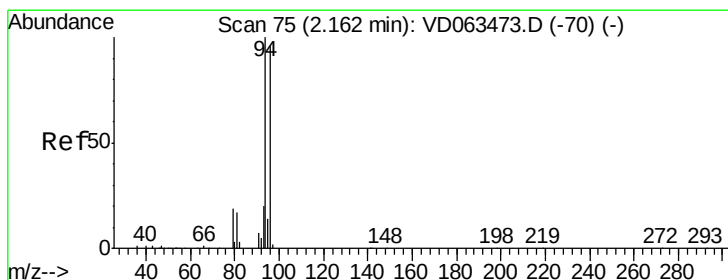
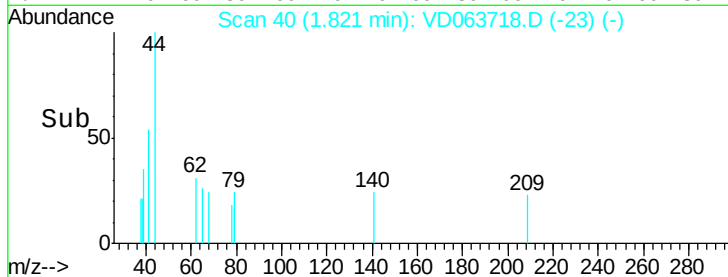
300

200

100

0

Time-->



#5

Bromomethane

Concen: 61.902 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.03 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

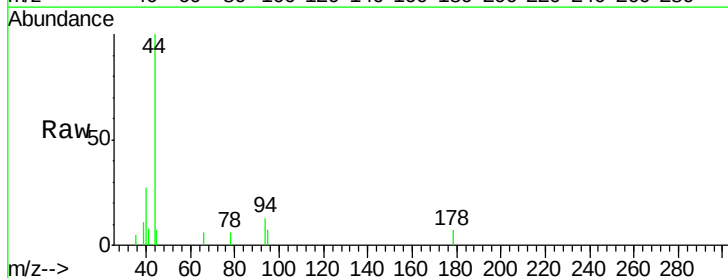
Tgt Ion: 94 Resp: 2780

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

93 0.0 15.8 23.8#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

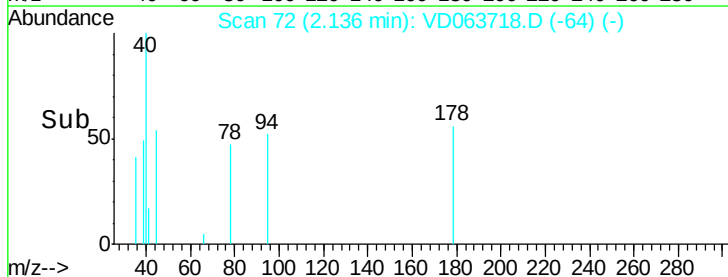
1500

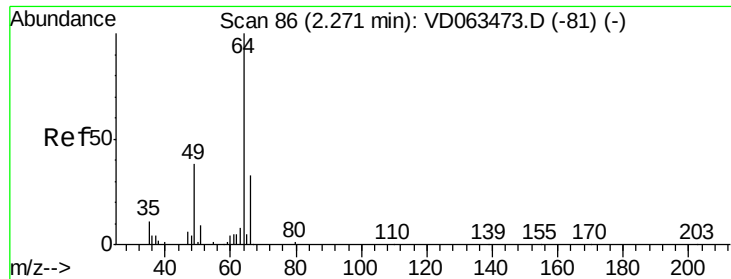
1000

500

0

Time-->





#6

Chloroethane

Concen: 5.491 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

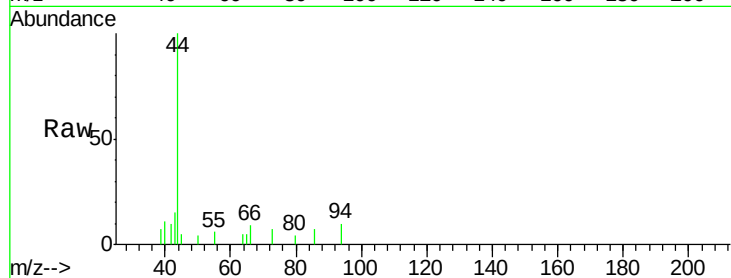
T1-K1-(2.5)

Tot Ion: 64 Resp: 239

Ion Ratio Lower Upper

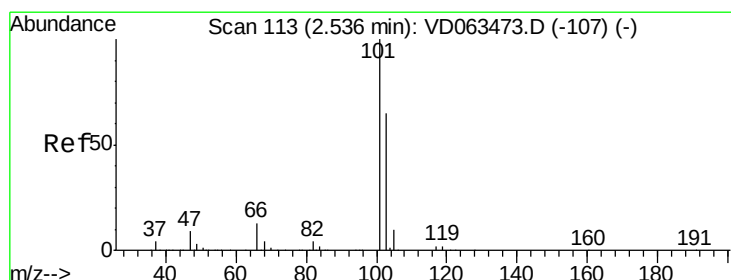
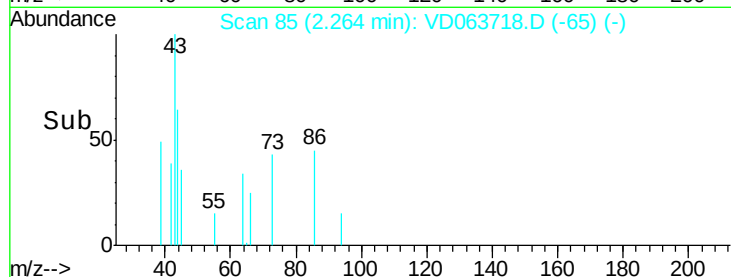
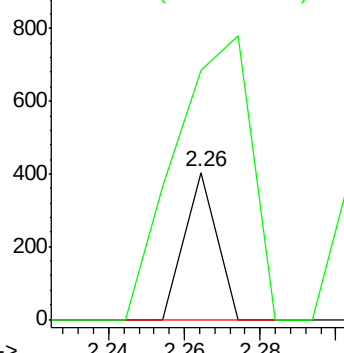
64 100

66 169.3 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#7

Trichlorofluoromethane

Concen: 1.103 ug/l

RT: 2.59 min Scan# 118

Delta R.T. 0.05 min

Lab File: VD063718.D

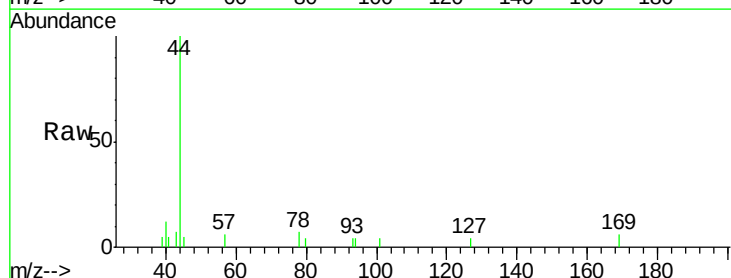
Acq: 21 Aug 2019 17:36

Tgt Ion:101 Resp: 206

Ion Ratio Lower Upper

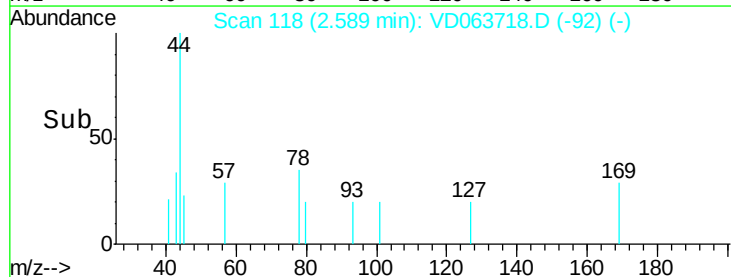
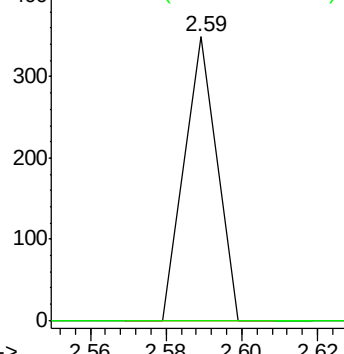
101 100

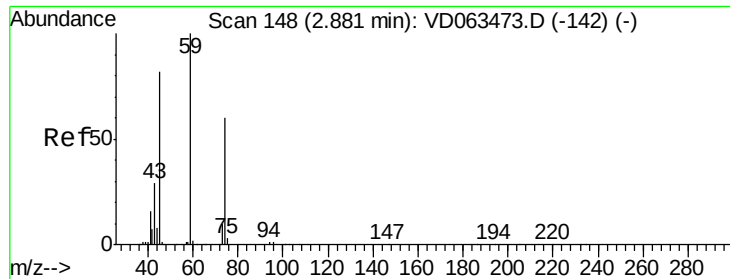
103 0.0 52.2 78.4#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V





#8

Diethyl Ether

Concen: 10.319 ug/l

RT: 2.85 min Scan# 145

Delta R.T. -0.03 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

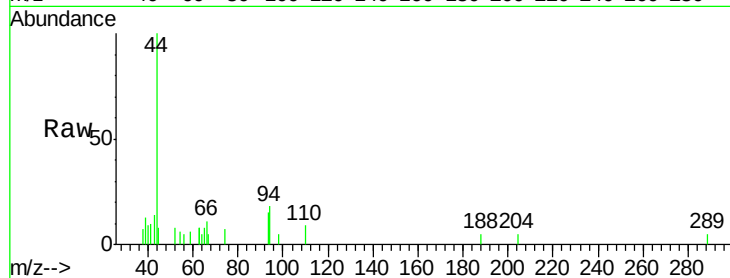
T1-K1-(2.5)

Tot Ion: 74 Resp: 272

Ion Ratio Lower Upper

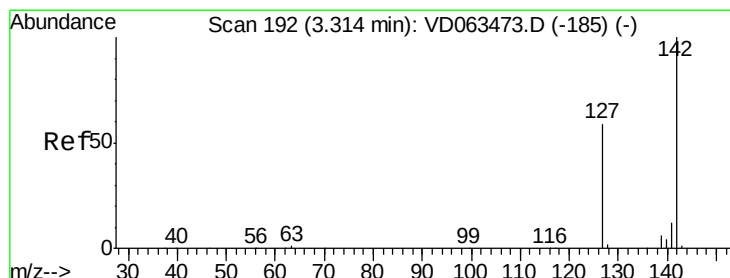
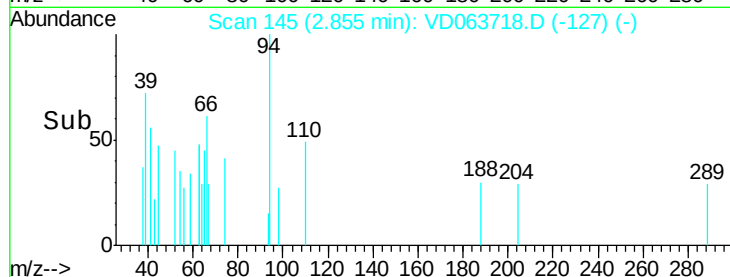
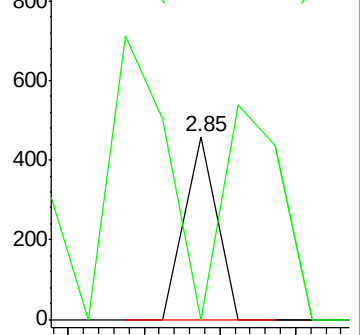
74 100

45 0.0 68.5 205.5#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 5.456 ug/l

RT: 3.34 min Scan# 194

Delta R.T. 0.02 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

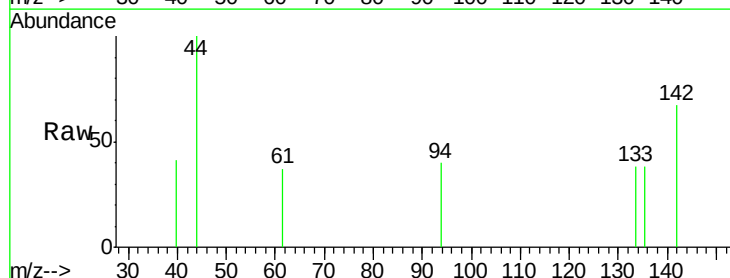
Tgt Ion: 142 Resp: 851

Ion Ratio Lower Upper

142 100

127 0.0 47.2 70.8#

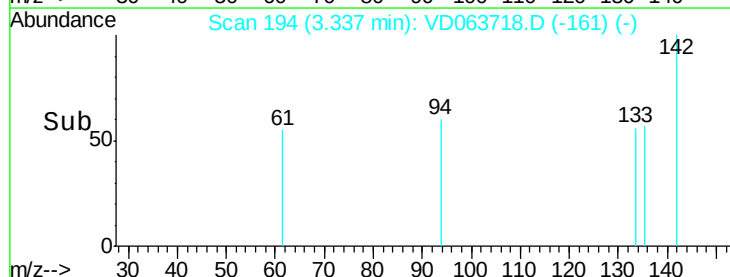
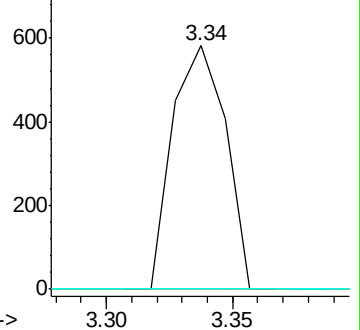
141 0.0 9.8 14.8#

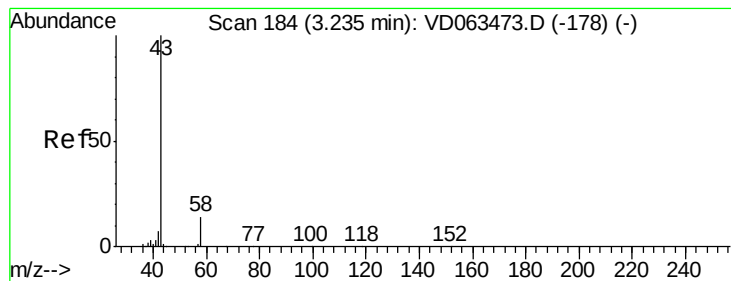


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 36.842 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

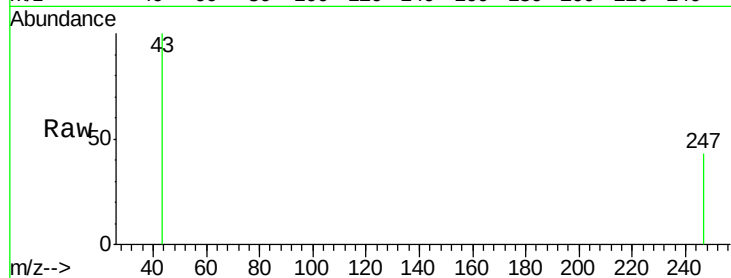
T1-K1-(2.5)

Tot Ion: 43 Resp: 812

Ion Ratio Lower Upper

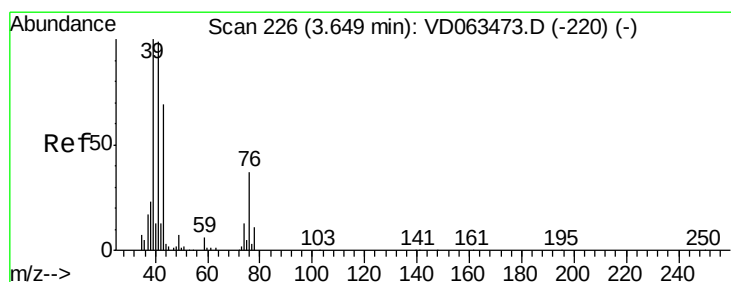
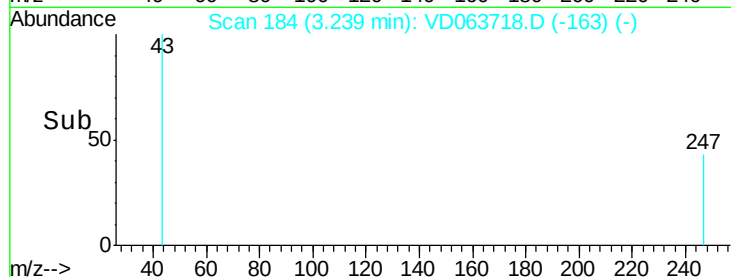
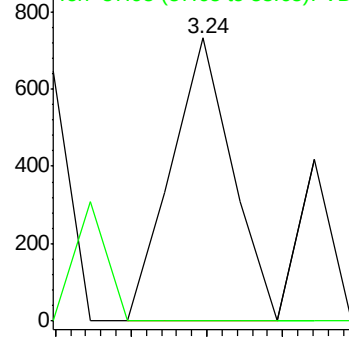
43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 4.240 ug/l

RT: 3.56 min Scan# 217

Delta R.T. -0.09 min

Lab File: VD063718.D

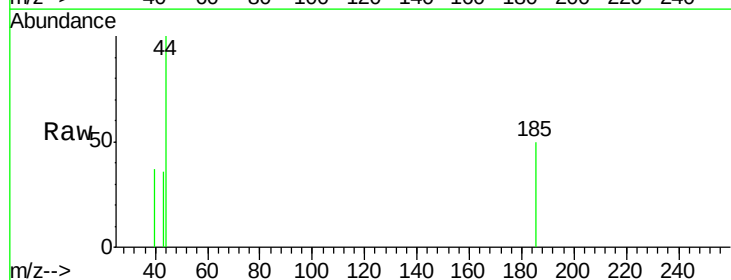
Acq: 21 Aug 2019 17:36

Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

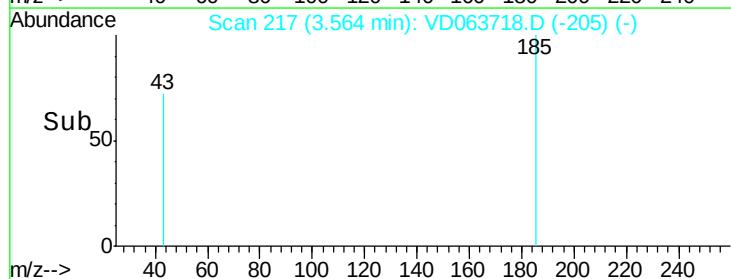
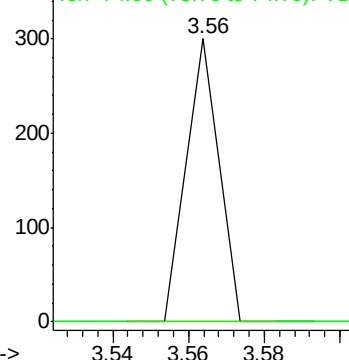
43 100

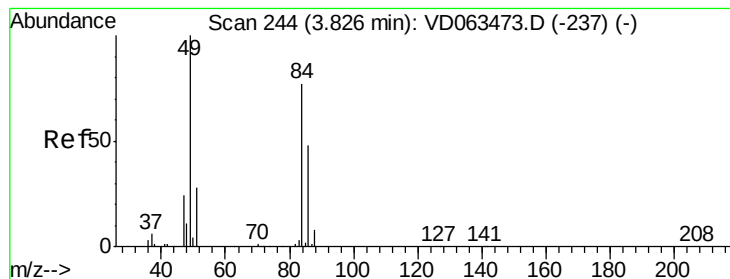
74 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methvlene Chloride

Concen: 15.099 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

T1-K1-(2.5)

Tot Ion: 84 Resp: 1439

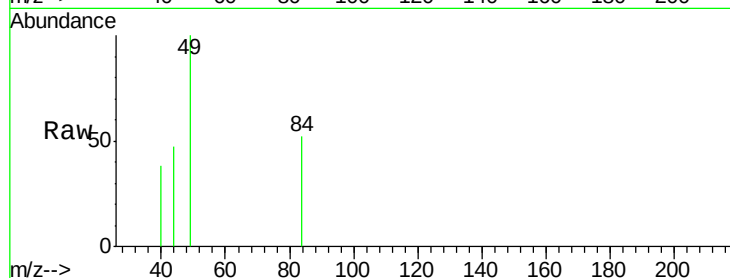
Ion Ratio Lower Upper

84 100

49 191.2 103.4 155.2#

51 0.0 28.5 42.7#

86 0.0 49.4 74.2#

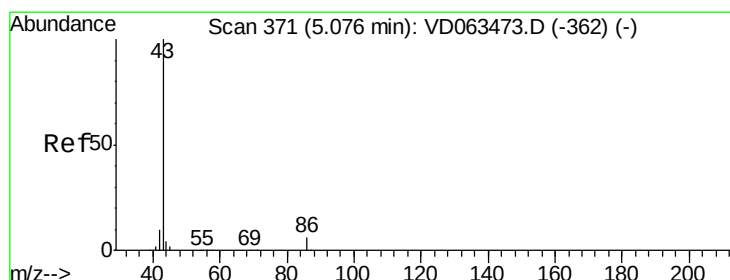
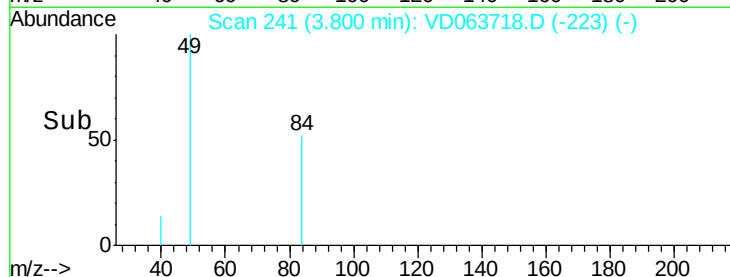
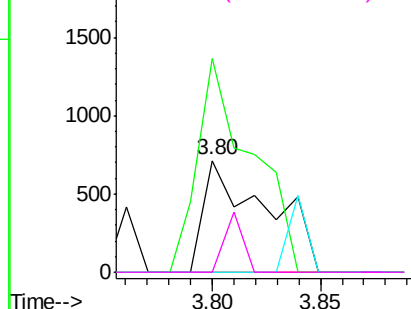


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#23

Vinyl Acetate

Concen: 1.651 ug/l

RT: 5.08 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD063718.D

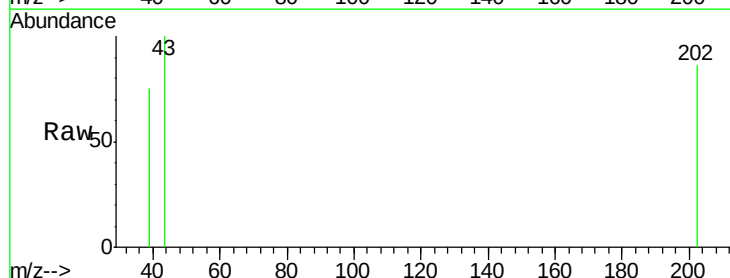
Acq: 21 Aug 2019 17:36

Tgt Ion: 43 Resp: 244

Ion Ratio Lower Upper

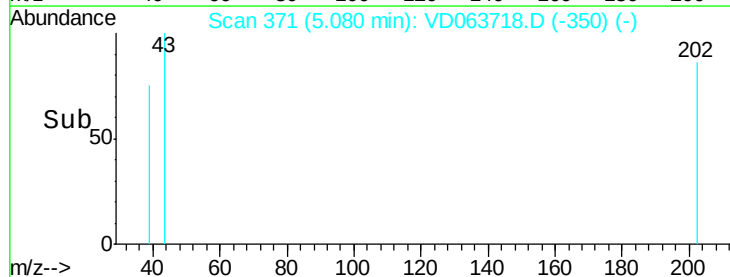
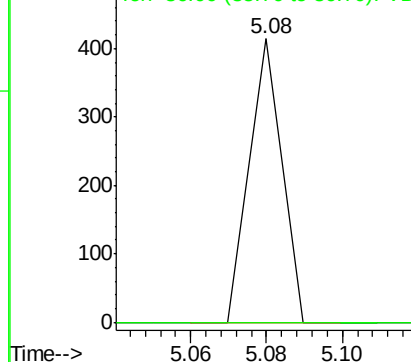
43 100

86 0.0 4.8 7.2#

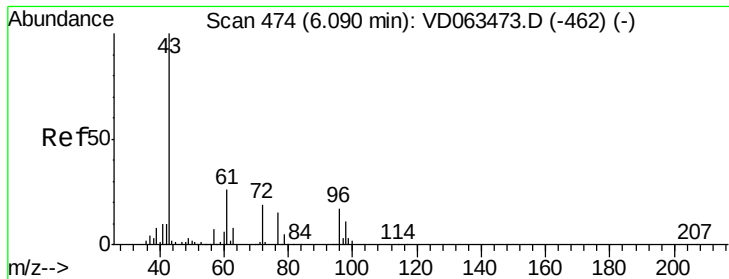


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC







#25

2-Butanone

Concen: 9.831 ug/l

RT: 5.91 min Scan# 455

Delta R.T. -0.18 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

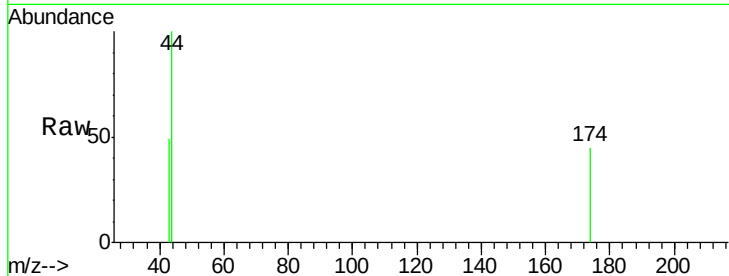
T1-K1-(2.5)

Tot Ion: 43 Resp: 214

Ion Ratio Lower Upper

43 100

72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

5.91

400

300

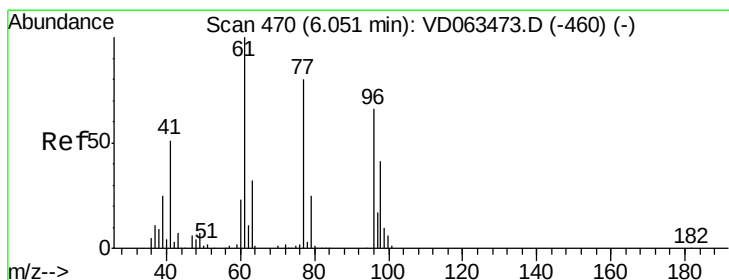
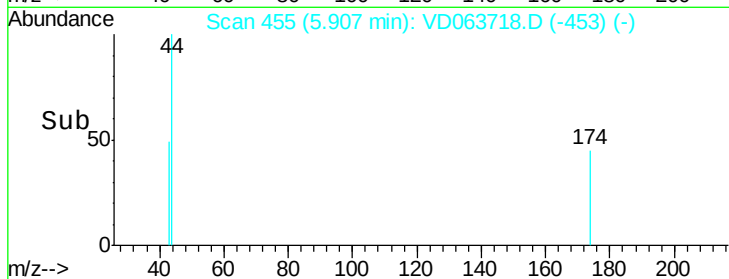
200

100

0

5.90 5.92

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.045 ug/l

RT: 6.16 min Scan# 481

Delta R.T. 0.11 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

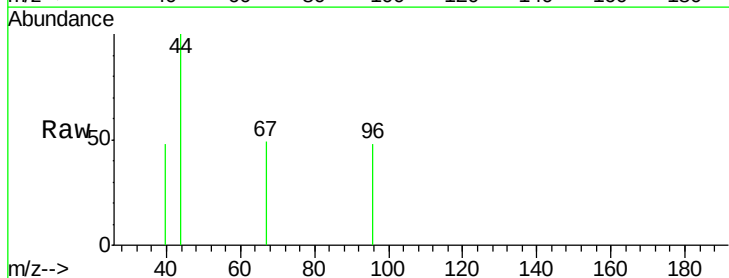
Tgt Ion: 96 Resp: 193

Ion Ratio Lower Upper

96 100

61 0.0 0.0 304.0

98 0.0 0.0 124.8



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

6.16

400

300

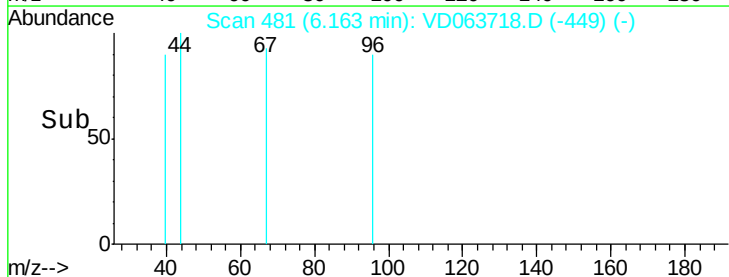
200

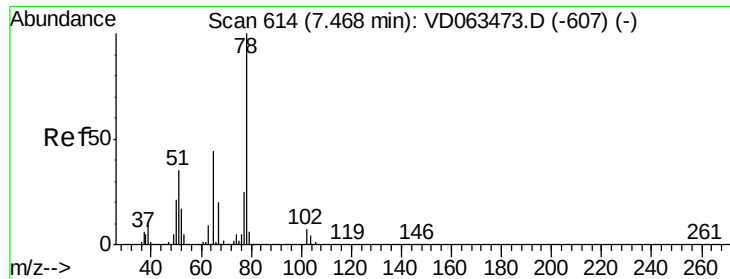
100

0

6.14 6.16 6.18

Time-->

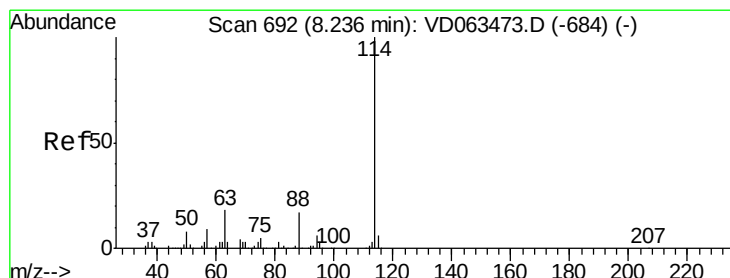
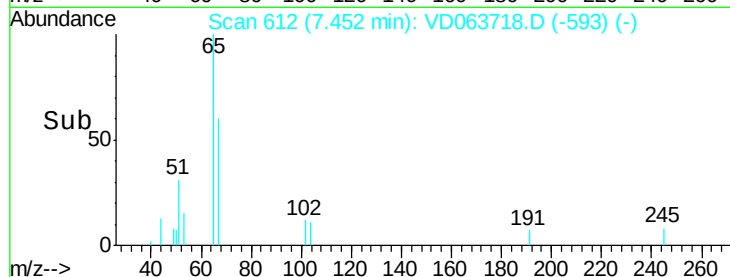
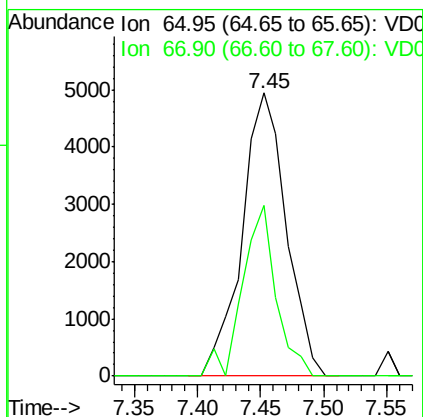
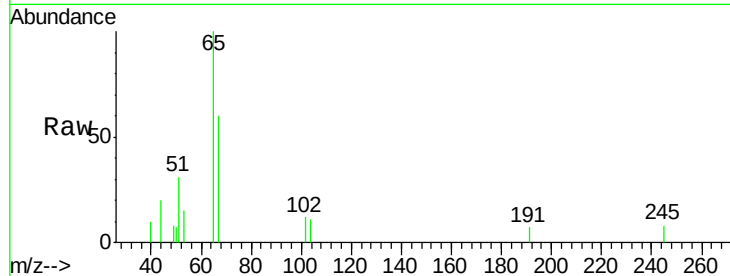




#33  
 1,2-Dichloroethane-d4  
 Concen: 111.196 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

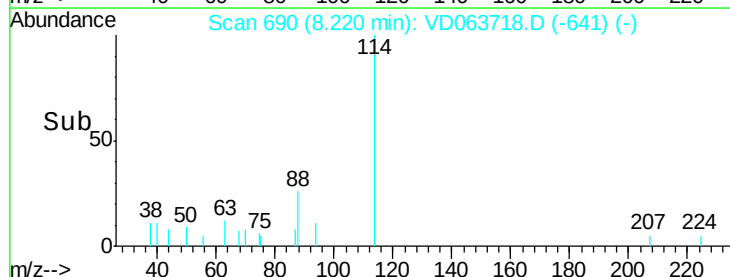
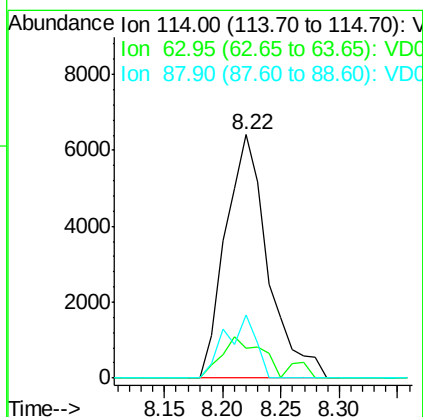
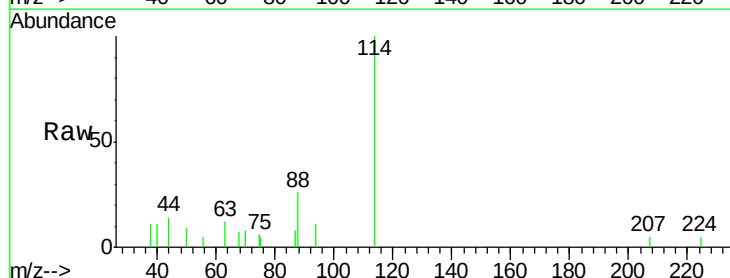
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T1-K1-(2.5)

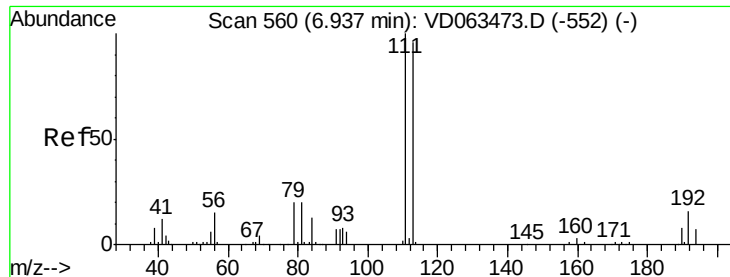
Tot Ion: 65 Resp: 12056  
 Ion Ratio Lower Upper  
 65 100  
 67 60.2 0.0 89.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.02 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

Tgt Ion: 114 Resp: 16128  
 Ion Ratio Lower Upper  
 114 100  
 63 12.1 0.0 36.2  
 88 26.1 0.0 35.0





#35

Dibromofluoromethane

Concen: 69.947 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

T1-K1-(2.5)

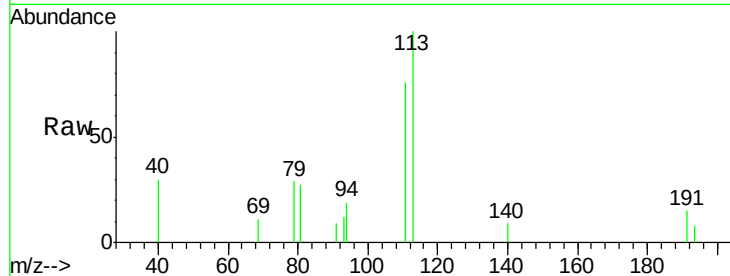
Tot Ion:113 Resp: 9501

Ion Ratio Lower Upper

113 100

111 76.0 83.1 124.7#

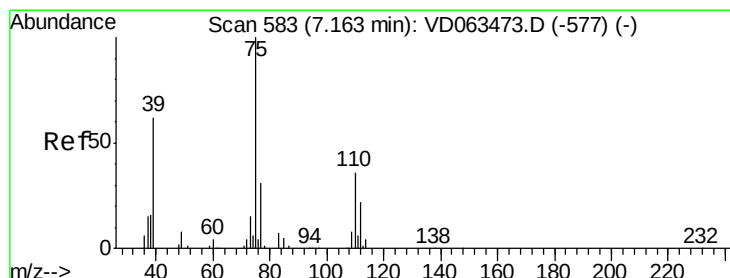
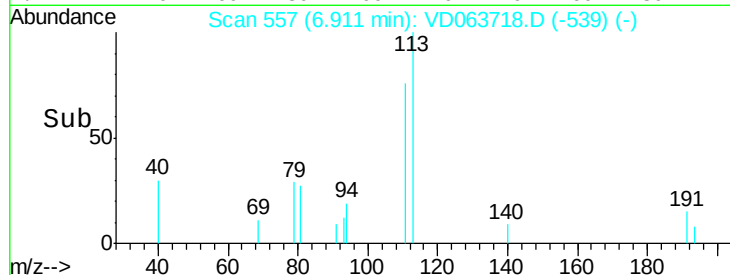
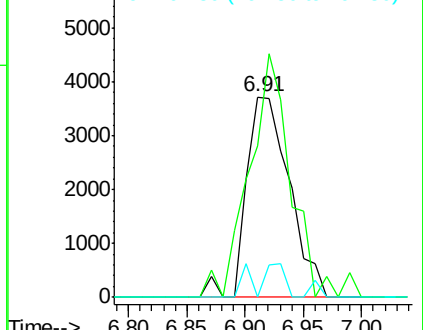
192 0.0 13.1 19.7#



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: 1.522 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.09 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

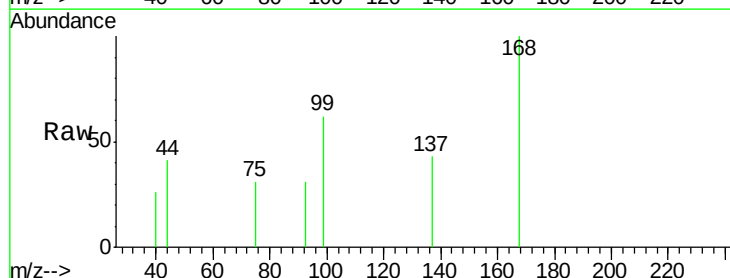
Tgt Ion: 75 Resp: 217

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

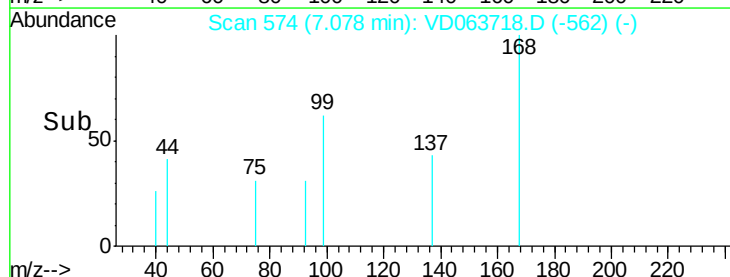
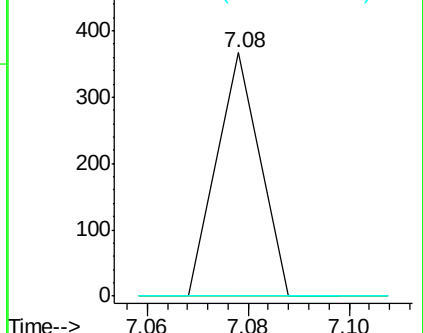
77 0.0 24.3 36.5#

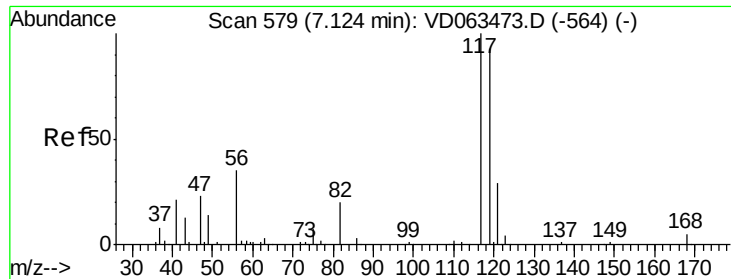


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 1.983 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

T1-K1-(2.5)

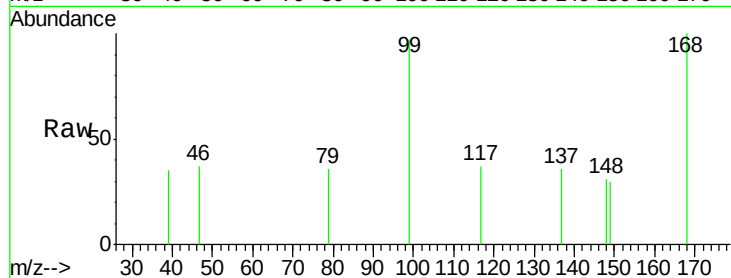
Tot Ion:117 Resp: 426

Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.2#

121 0.0 23.1 34.7#



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

600

500

400

300

200

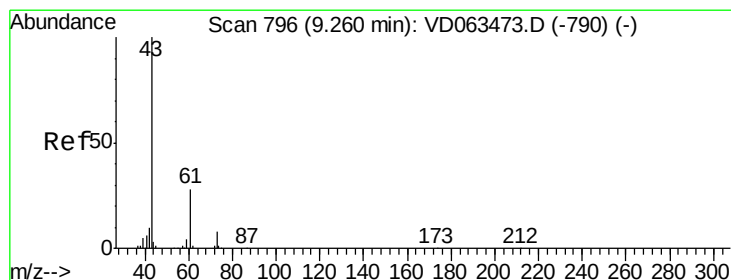
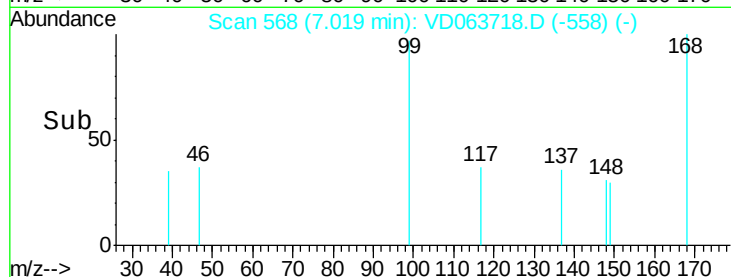
100

0

7.02

7.04

Time-->



#43

Isopropyl Acetate

Concen: 2.899 ug/l

RT: 9.33 min Scan# 803

Delta R.T. 0.07 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

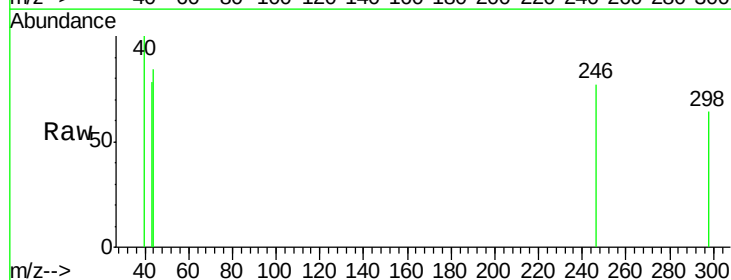
Tgt Ion: 43 Resp: 232

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.2#

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

600

500

400

300

200

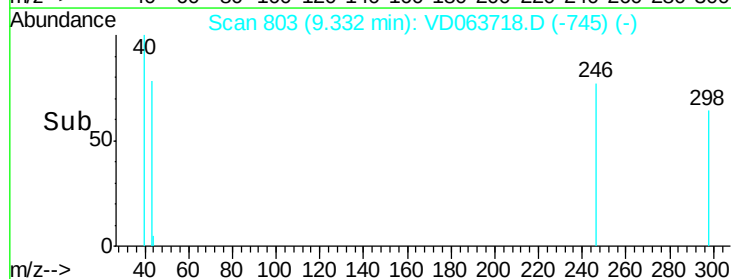
100

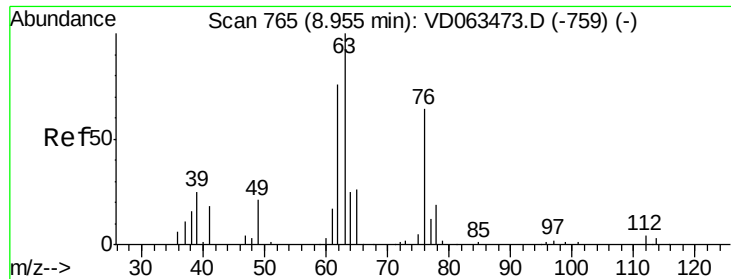
0

9.33

9.36

Time-->

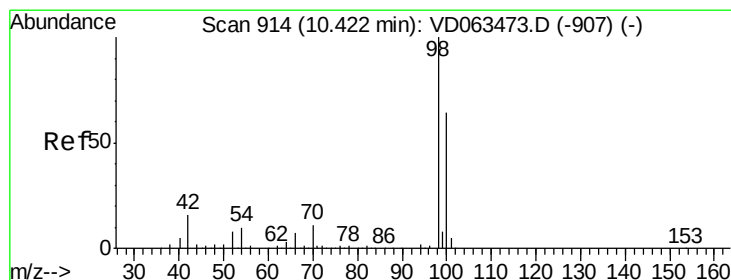
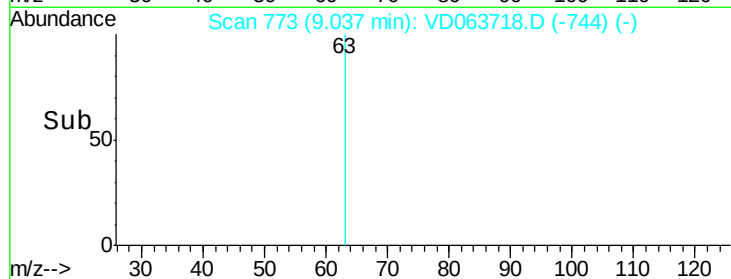
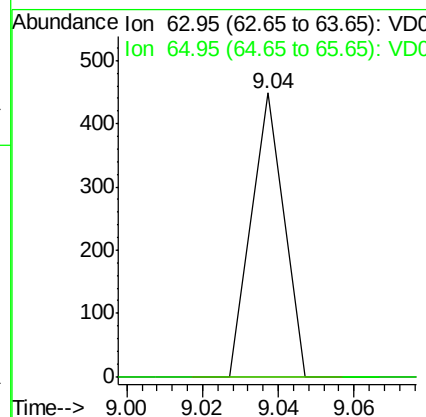
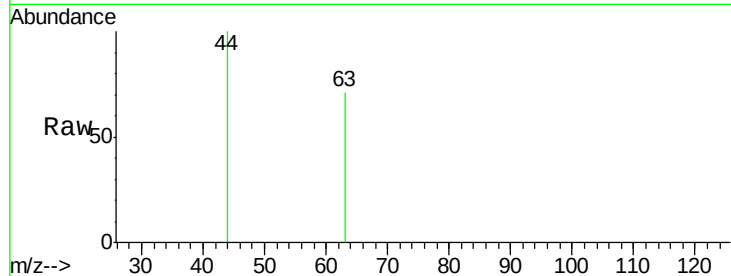




#45  
 1,2-Dichloropropane  
 Concen: 3.627 ug/l  
 RT: 9.04 min Scan# 773  
 Delta R.T. 0.08 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

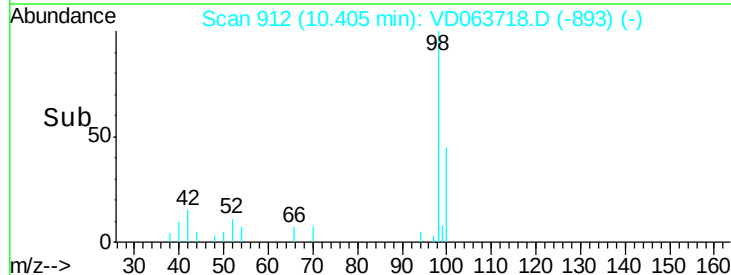
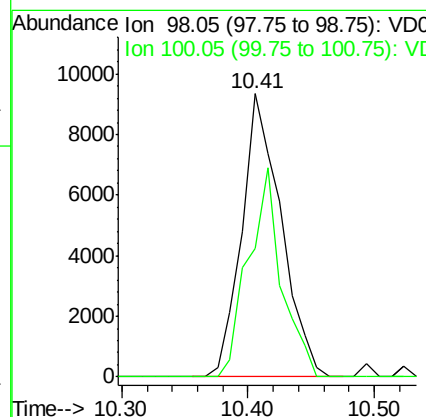
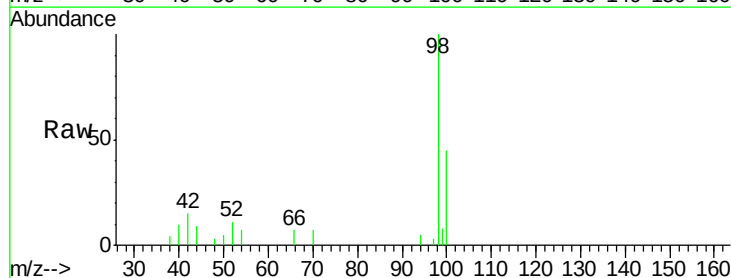
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T1-K1-(2.5)

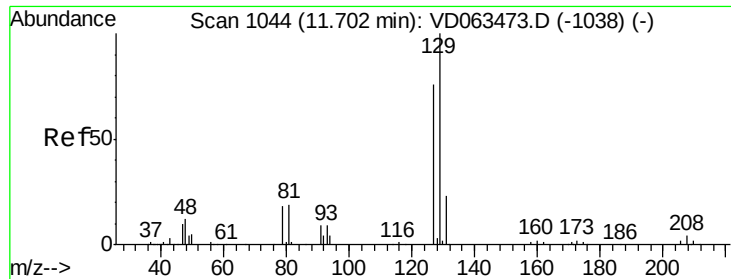
Tot Ion: 63 Resp: 265  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 22.5 33.7#



#50  
 Toluene-d8  
 Concen: 67.501 ug/l  
 RT: 10.41 min Scan# 912  
 Delta R.T. -0.02 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

Tgt Ion: 98 Resp: 20158  
 Ion Ratio Lower Upper  
 98 100  
 100 45.2 51.7 77.5#





#60

Dibromochloromethane

Concen: 1.739 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. 0.10 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

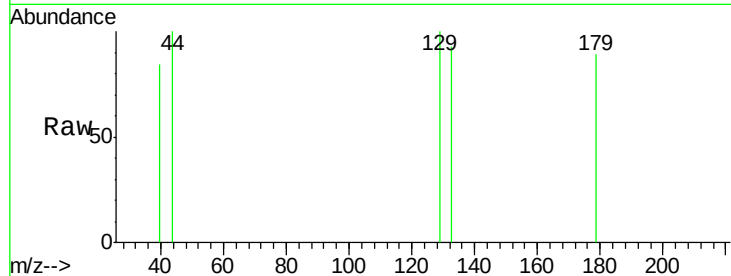
T1-K1-(2.5)

Tot Ion:129 Resp: 216

Ion Ratio Lower Upper

129 100

127 0.0 37.8 113.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.80

400

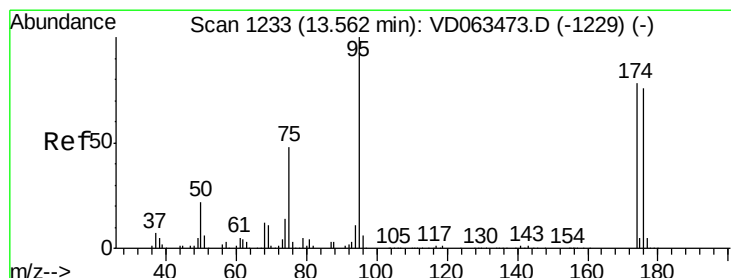
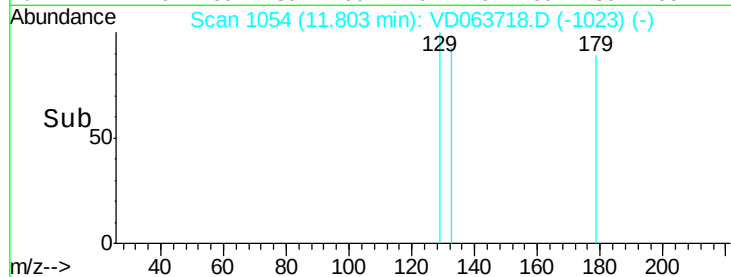
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.214 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

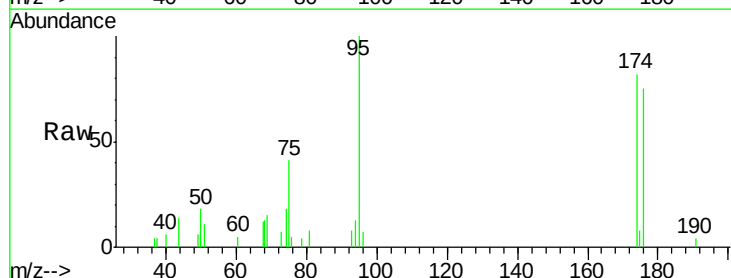
Tgt Ion: 95 Resp: 7744

Ion Ratio Lower Upper

95 100

174 82.1 0.0 155.4

176 74.9 0.0 152.4



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

10000

8000

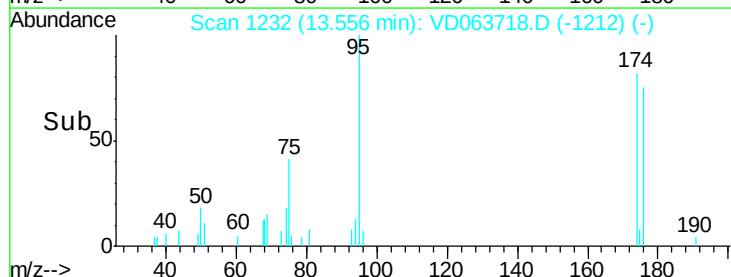
6000

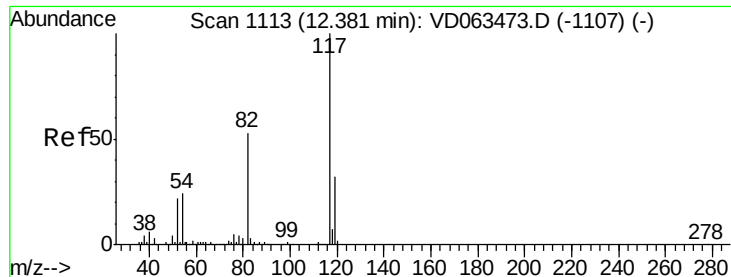
4000

2000

0

Time-->

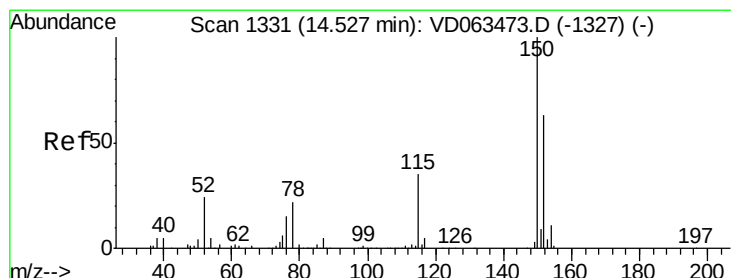
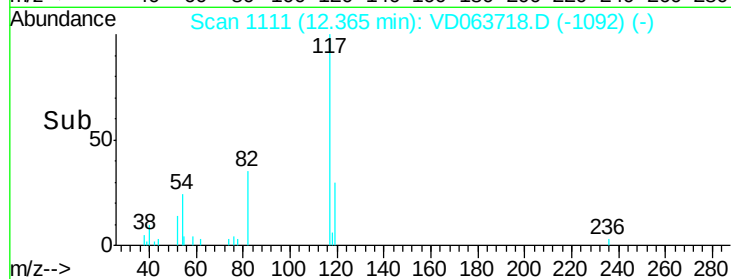
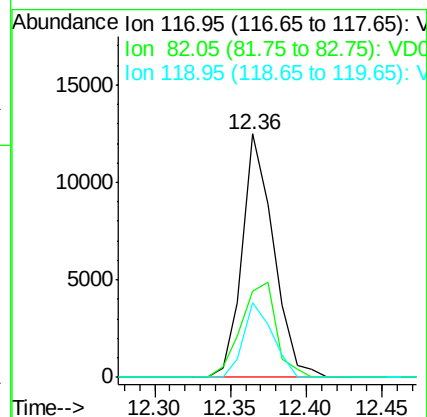
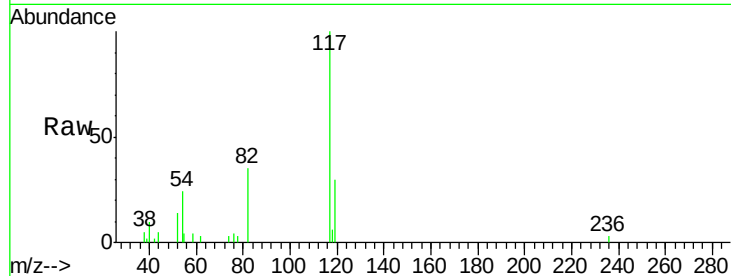




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.02 min  
Lab File: VD063718.D  
Acq: 21 Aug 2019 17:36

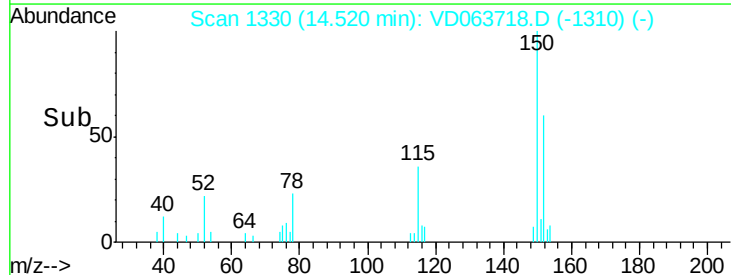
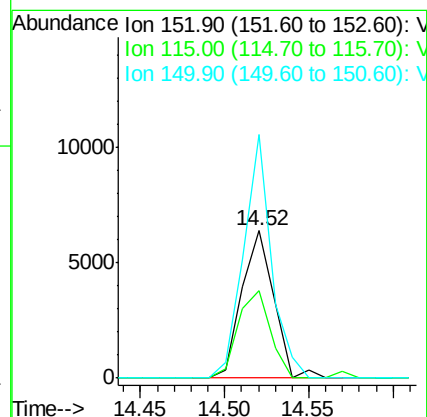
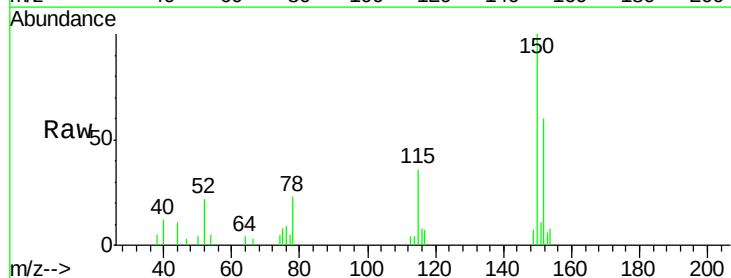
Instrument :  
MSVOA\_D  
ClientSampleId :  
T1-K1-(2.5)

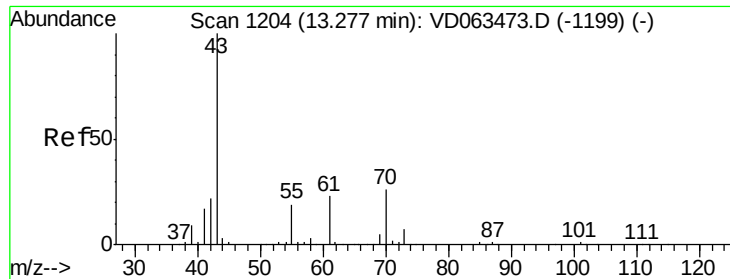
Tot Ion:117 Resp: 17990  
Ion Ratio Lower Upper  
117 100  
82 35.4 42.0 63.0#  
119 30.4 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.52 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: VD063718.D  
Acq: 21 Aug 2019 17:36

Tgt Ion:152 Resp: 8403  
Ion Ratio Lower Upper  
152 100  
115 59.9 30.9 92.7  
150 165.5 0.0 318.6





#74

N-amvl acetate

Concen: 1.565 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.13 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

T1-K1-(2.5)

Tot Ion: 43 Resp: 210

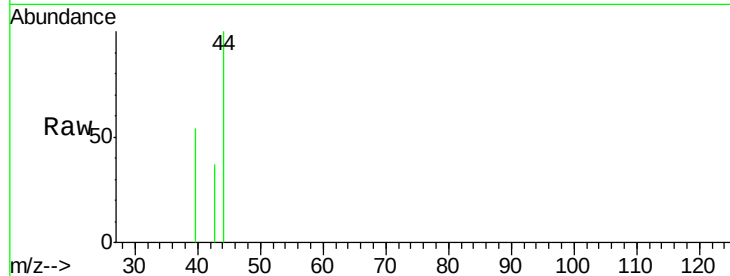
Ion Ratio Lower Upper

43 100

70 0.0 21.1 31.7#

55 0.0 15.4 23.0#

61 0.0 18.2 27.2#

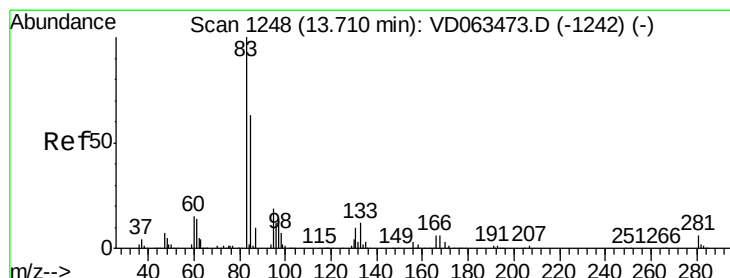
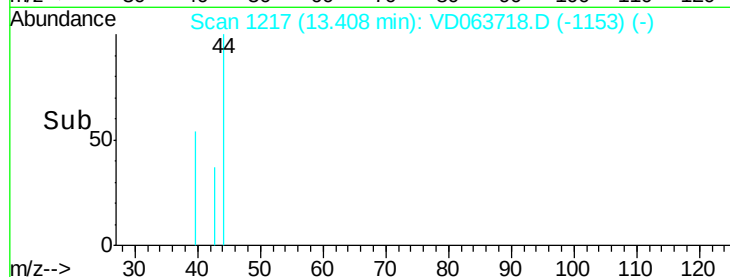
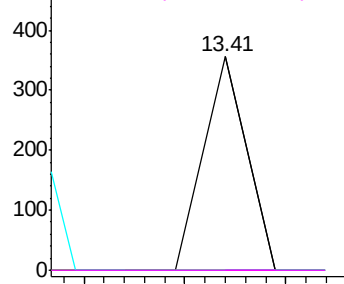


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 2.570 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.05 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

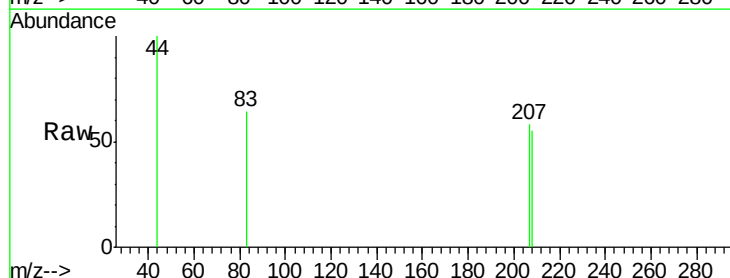
Tgt Ion: 83 Resp: 228

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

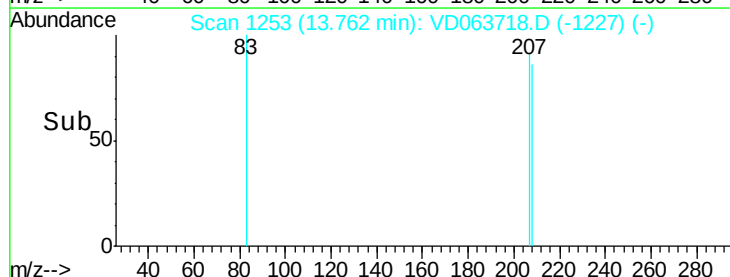
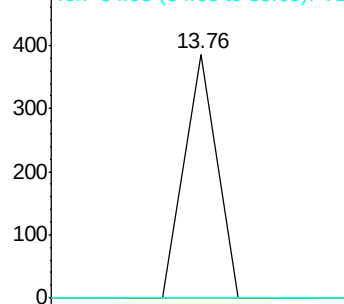
85 0.0 31.4 94.3#



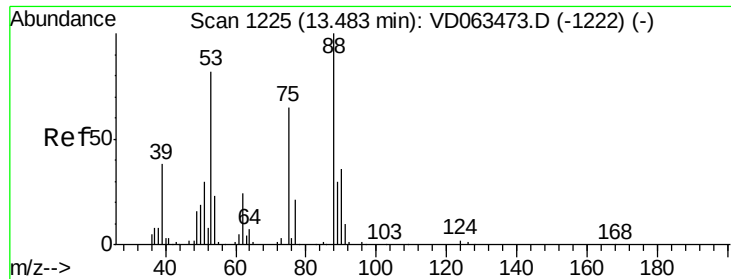
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC







#81

trans-1,4-Dichloro-2-butene

Concen: 152.121 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063718.D

Acq: 21 Aug 2019 17:36

Instrument :

MSVOA\_D

ClientSampleId :

T1-K1-(2.5)

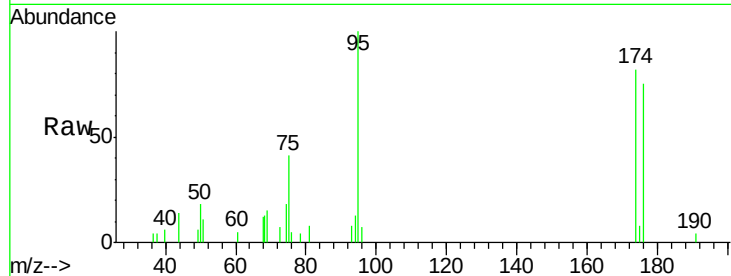
Tot Ion: 75 Resp: 3943

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

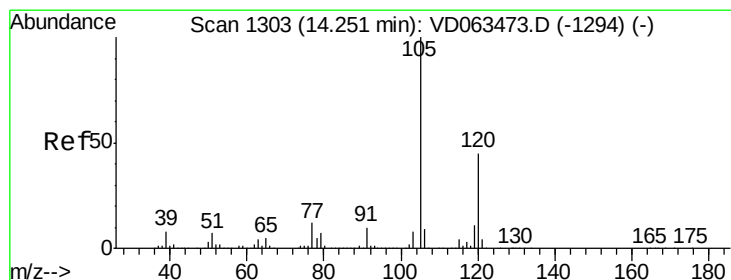
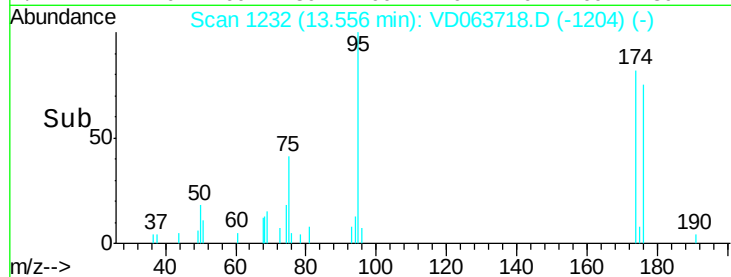
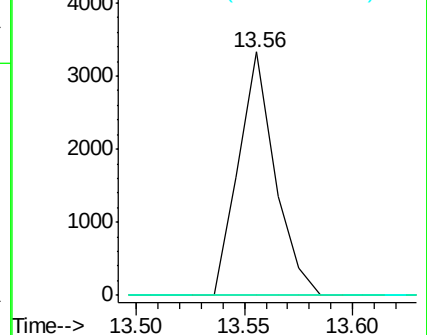
89 0.0 37.0 55.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.065 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: VD063718.D

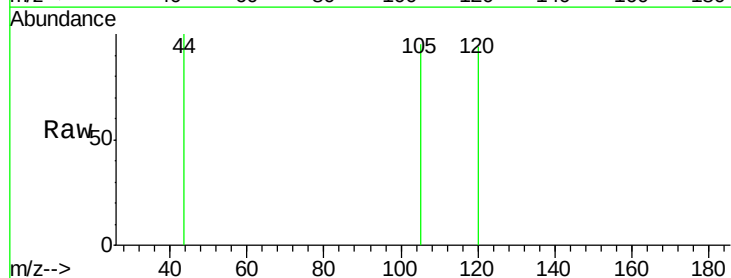
Acq: 21 Aug 2019 17:36

Tgt Ion: 105 Resp: 460

Ion Ratio Lower Upper

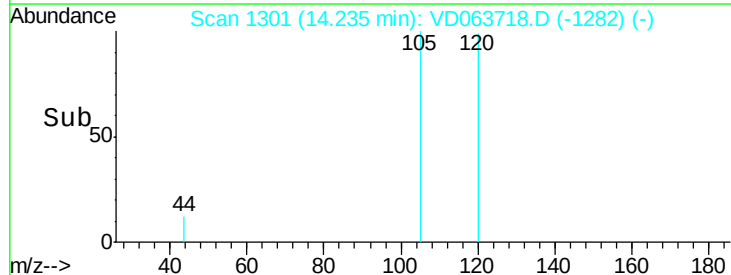
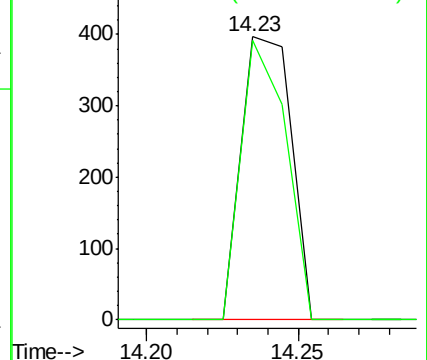
105 100

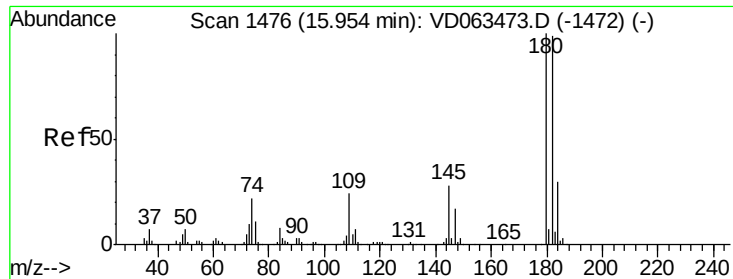
120 98.7 22.7 68.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

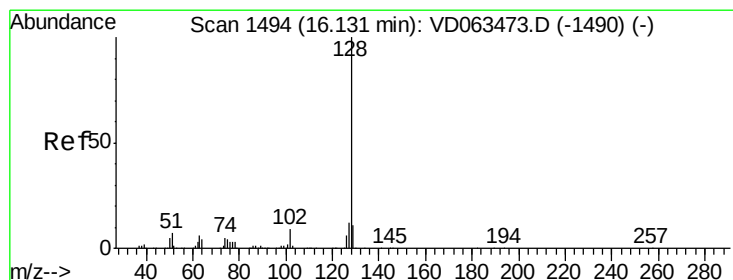
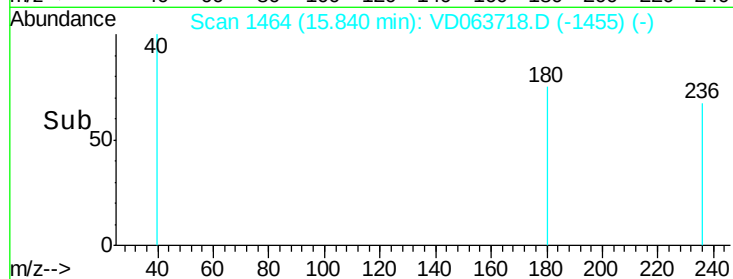
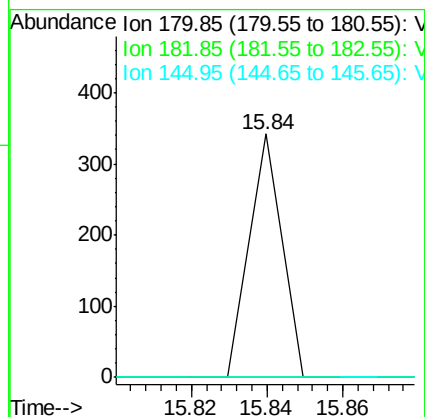
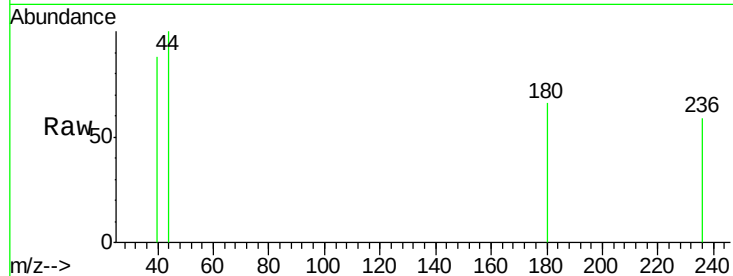




#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.225 ug/l  
 RT: 15.84 min Scan# 1464  
 Delta R.T. -0.11 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T1-K1-(2.5)

Tot Ion:180 Resp: 202  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 49.7 149.1#  
 145 0.0 14.1 42.2#



#95  
 Naphthalene  
 Concen: 1.116 ug/l  
 RT: 16.13 min Scan# 1493  
 Delta R.T. -0.01 min  
 Lab File: VD063718.D  
 Acq: 21 Aug 2019 17:36

Tgt Ion:128 Resp: 279  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 9.4 14.0#  
 129 0.0 8.5 12.7#

