

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061692.D
 Acq On : 9 Apr 2019 23:16
 Operator : VA/AP
 Sample : K2316-09
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:59:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	472779	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	754170	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	538808	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	138752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	223162	62.27	ug/l	0.03
Spiked Amount			Recovery	=	124.54%	
35) Dibromofluoromethane	6.96	113	1130	0.22	ug/l	0.04
Spiked Amount			Recovery	=	0.44%	
50) Toluene-d8	10.43	98	661298	50.38	ug/l	0.03
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	13.56	95	183852	37.85	ug/l	0.01
Spiked Amount			Recovery	=	75.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.07	59	855	3.560	ug/l #	72
16) Acetone	3.25	43	148184	138.326	ug/l	99
17) Carbon Disulfide	3.41	76	438165	27.360	ug/l	99
20) Methylene Chloride	3.85	84	27100	4.458	ug/l	97
25) 2-Butanone	6.10	43	35870	29.045	ug/l	96
29) Tetrahydrofuran	6.11	42	2437	4.088	ug/l #	1
36) 1,1-Dichloropropene	7.08	75	32275	4.890	ug/l #	45
37) Ethyl Acetate	6.10	43	35870	13.342	ug/l #	68
38) Carbon Tetrachloride	7.08	117	44859	5.799	ug/l #	14
43) Isopropyl Acetate	9.05	43	4521	1.159	ug/l #	43
51) 4-Methyl-2-Pentanone	10.38	43	22322	9.674	ug/l #	79
59) 2-Hexanone	11.51	43	11347	6.336	ug/l #	27
65) Chlorobenzene	12.42	112	12386	1.159	ug/l	94
67) Ethyl Benzene	12.54	91	27943	1.717	ug/l	96
68) m/p-Xylenes	12.68	106	14268	2.275	ug/l	89
69) o-Xylene	13.06	106	14210	2.347	ug/l	87
73) Isopropylbenzene	13.42	105	156498	16.928	ug/l	99
74) N-amyl acetate	13.23	43	65748	26.174	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	13.72	83	13309	6.962	ug/l #	64
76) 1,2,3-Trichloropropane	13.85	75	4372	2.316	ug/l #	47
78) n-propylbenzene	13.78	91	23971	2.168	ug/l #	66
79) 2-Chlorotoluene	13.85	91	186755	29.530	ug/l	94
80) 1,3,5-Trimethylbenzene	13.95	105	24054	3.278	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.56	75	68245	119.135	ug/l #	21
82) 4-Chlorotoluene	13.85	91	185980	26.837	ug/l	98
83) tert-Butylbenzene	14.20	119	17276	1.953	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	49980	6.749	ug/l	97
86) p-Isopropyltoluene	14.50	119	21151	2.551	ug/l	90
89) n-Butylbenzene	14.79	91	10307	1.430	ug/l #	1
90) Hexachloroethane	14.99	117	2617	1.163	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.35	75	245	1.062	ug/l #	1
95) Naphthalene	16.13	128	50838	16.568	ug/l	99

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

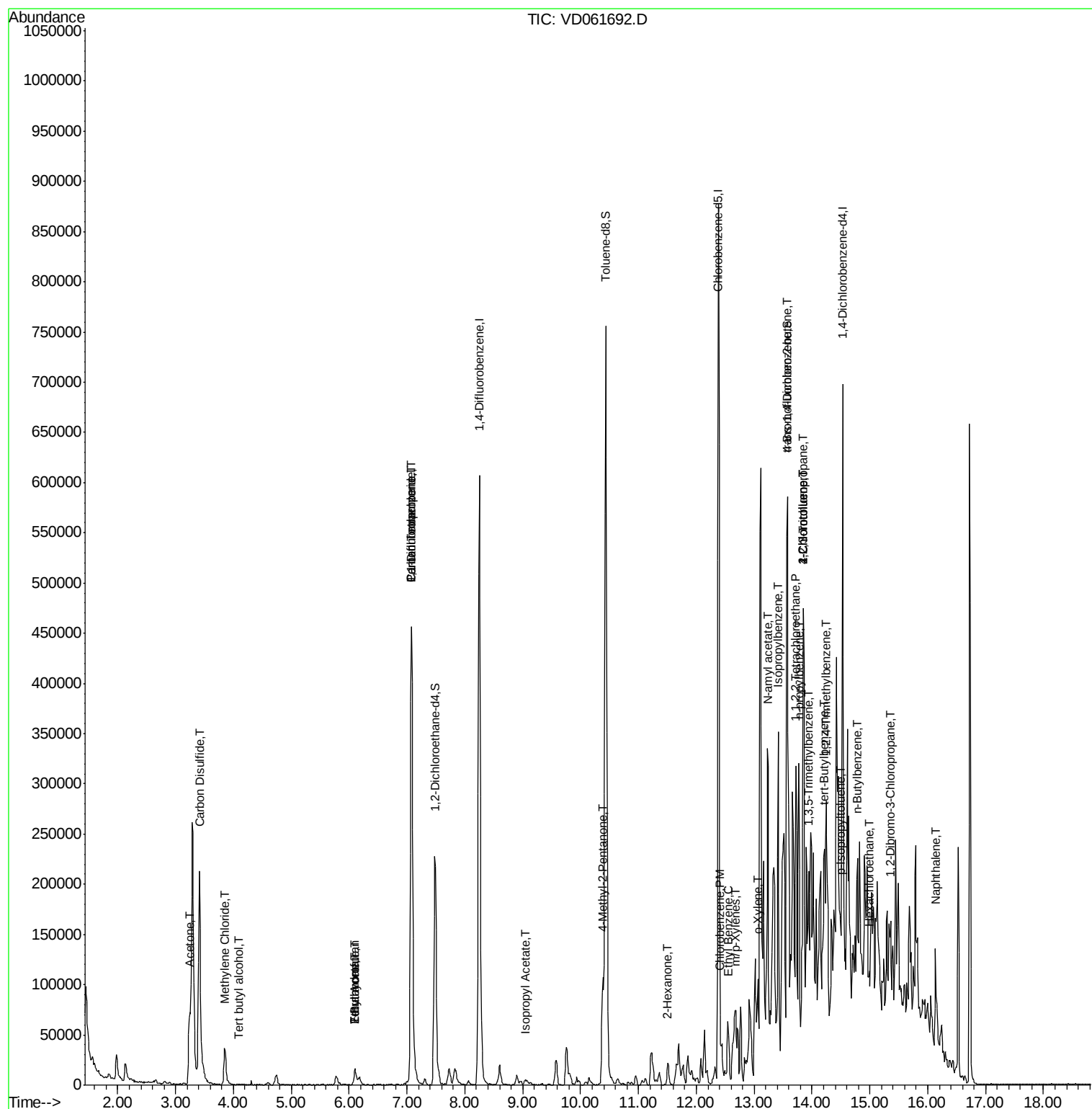
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

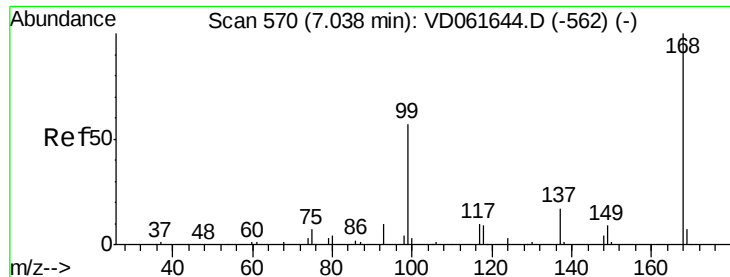
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061692.D
Acq On : 9 Apr 2019 23:16
Operator : VA/AP
Sample : K2316-09
Misc : 5.07a/5ml/MSVOA D/SOIL
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

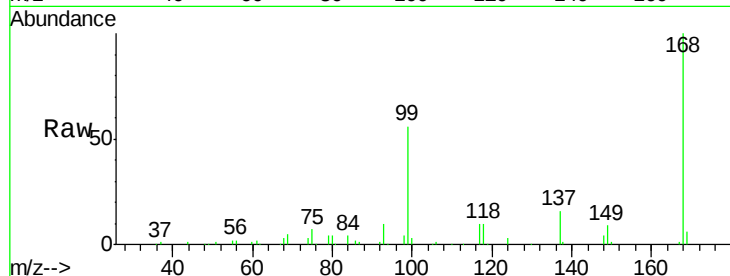
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 472779

Ion Ratio Lower Upper

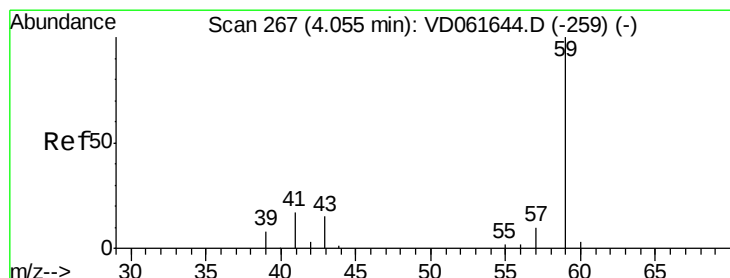
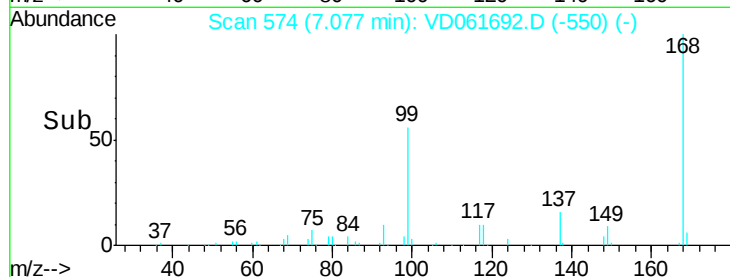
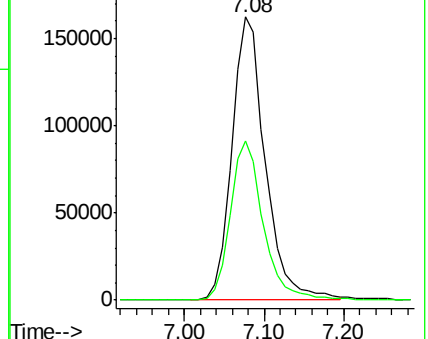
168 100

99 56.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 3.560 ug/l

RT: 4.07 min Scan# 269

Delta R.T. 0.02 min

Lab File: VD061692.D

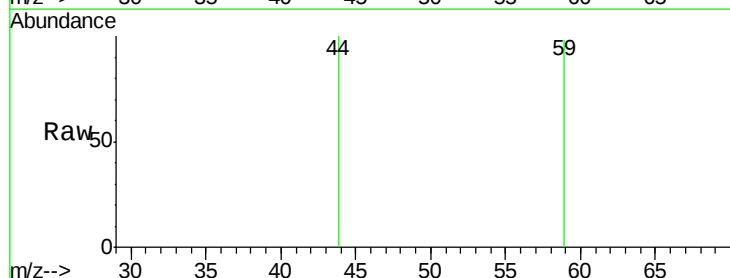
Acq: 9 Apr 2019 23:16

Tgt Ion: 59 Resp: 855

Ion Ratio Lower Upper

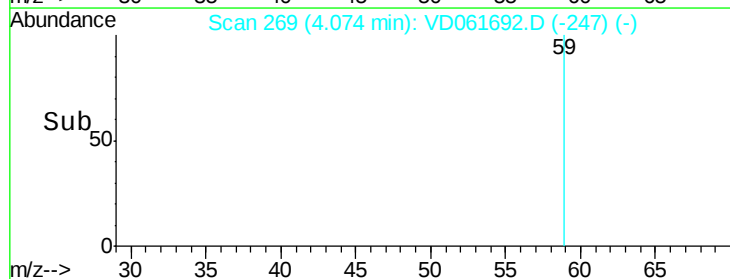
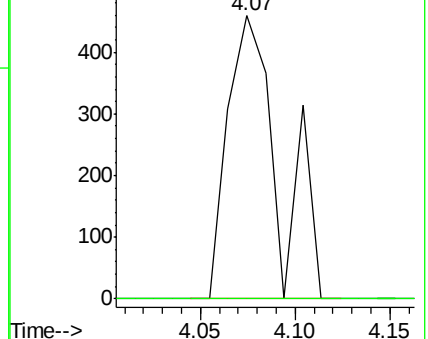
59 100

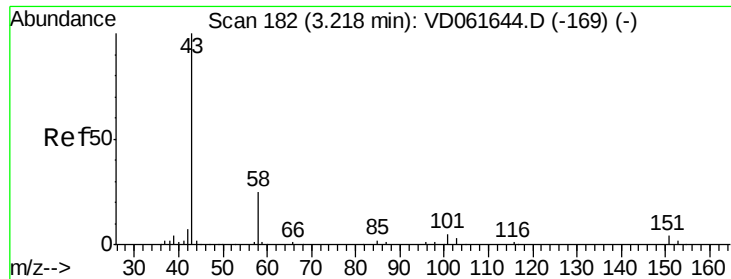
57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 138.326 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.03 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

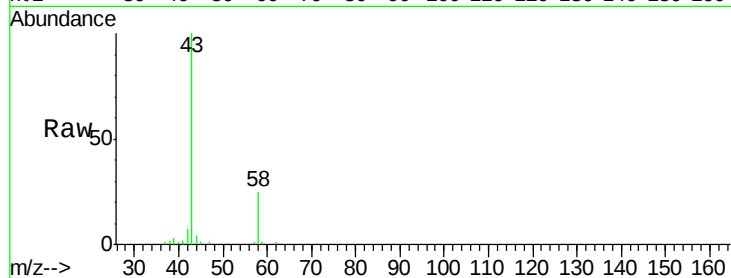
ClientSampled :

Tot Ion: 43 Resp: 148184

Ion Ratio Lower Upper

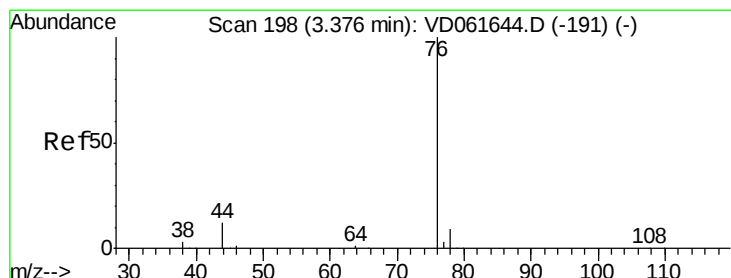
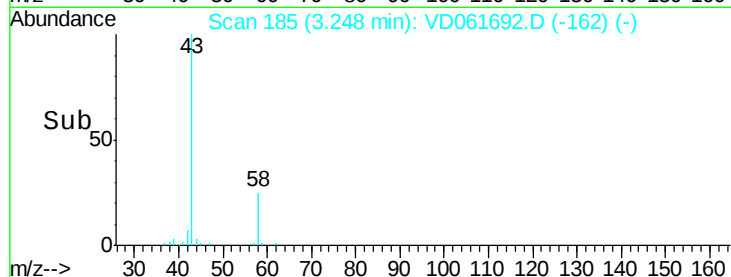
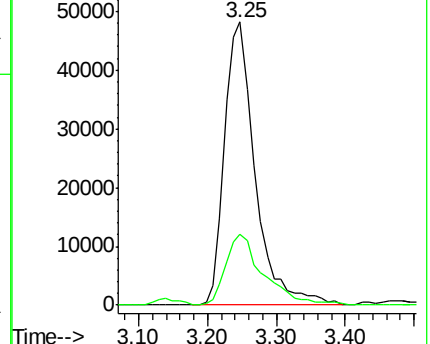
43 100

58 25.2 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 27.360 ug/l

RT: 3.41 min Scan# 202

Delta R.T. 0.04 min

Lab File: VD061692.D

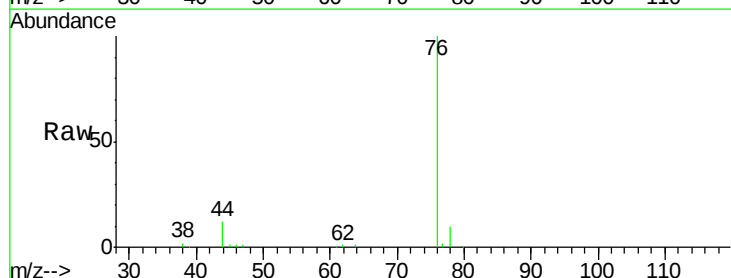
Acq: 9 Apr 2019 23:16

Tgt Ion: 76 Resp: 438165

Ion Ratio Lower Upper

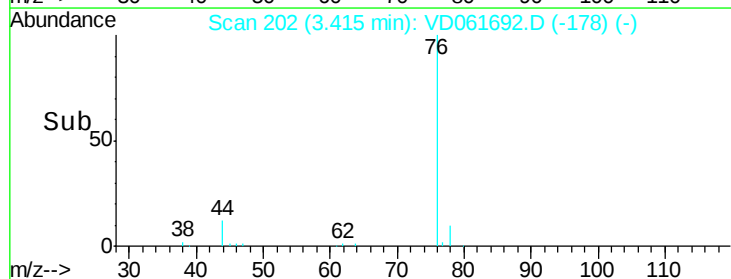
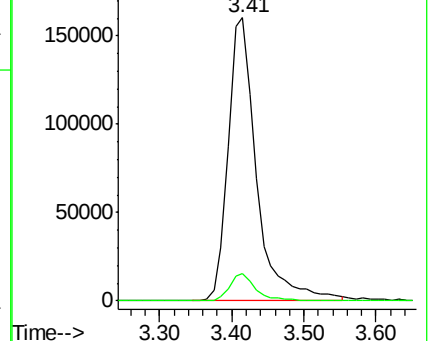
76 100

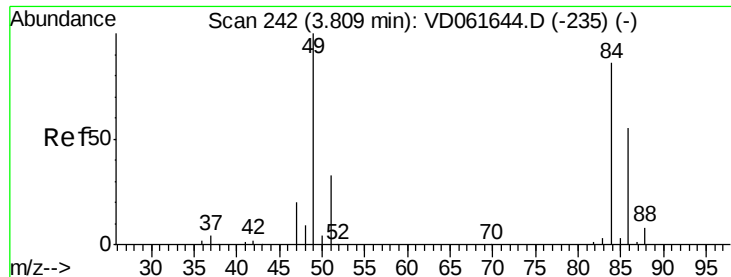
78 9.8 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

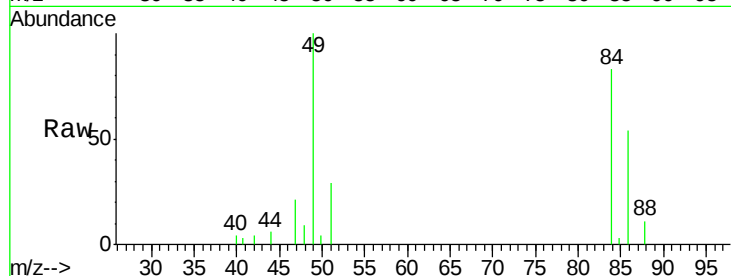




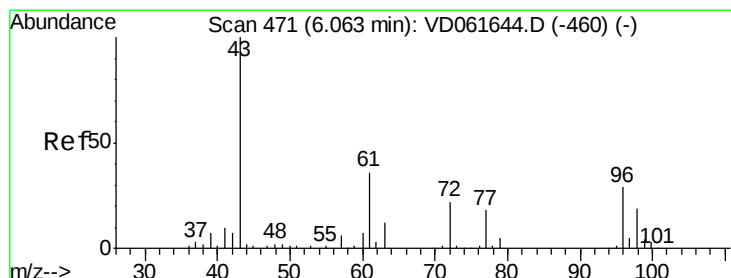
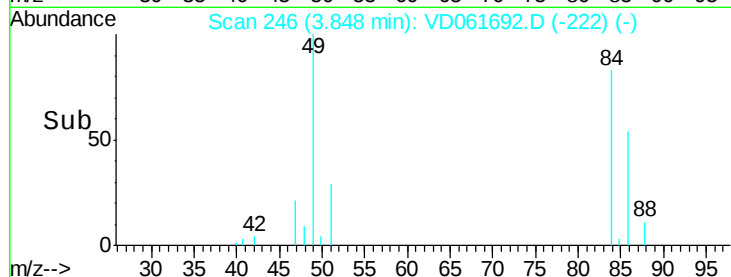
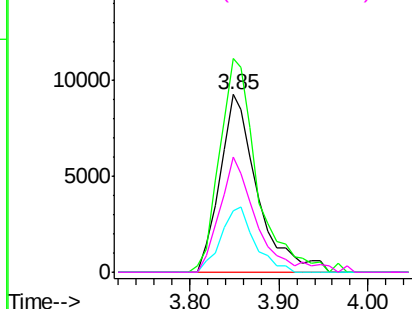
#20
Methvlene Chloride
Concen: 4.458 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 27100
Ion Ratio Lower Upper
84 100
49 120.2 93.0 139.4
51 34.9 30.4 45.6
86 64.5 51.0 76.4

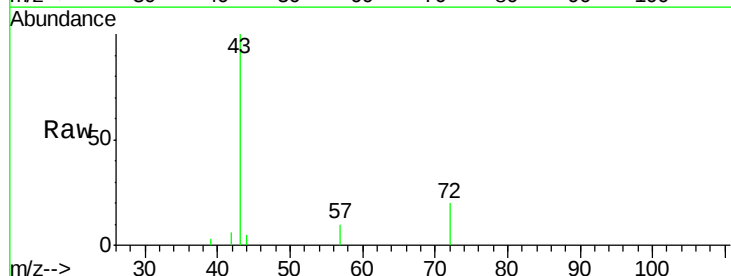


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

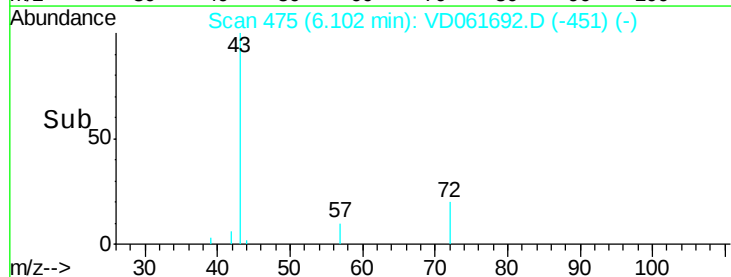
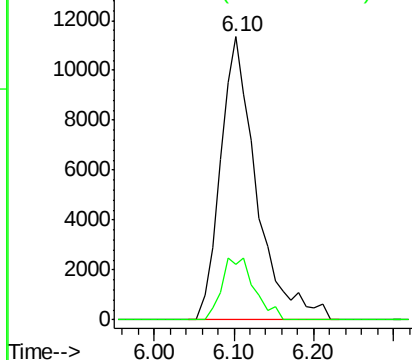


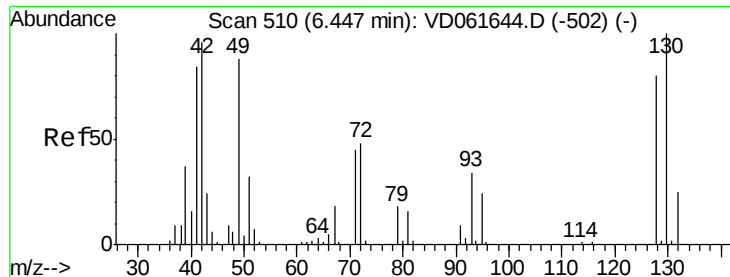
#25
2-Butanone
Concen: 29.045 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.04 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 43 Resp: 35870
Ion Ratio Lower Upper
43 100
72 19.7 17.4 26.2



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

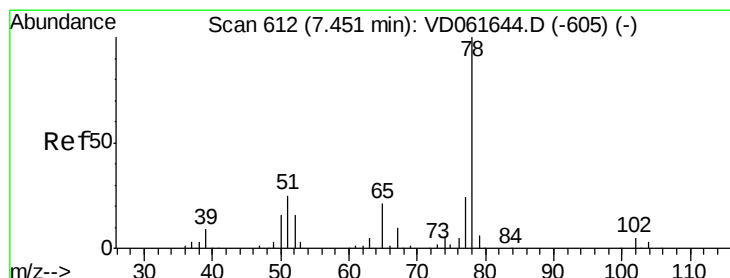
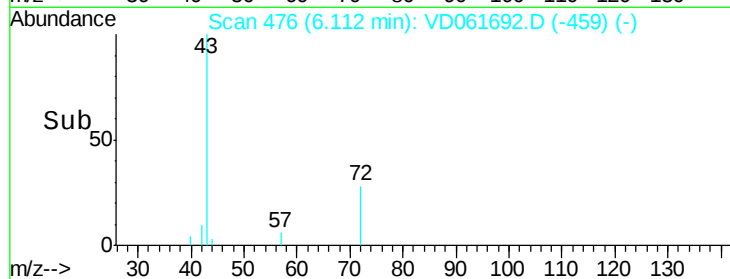
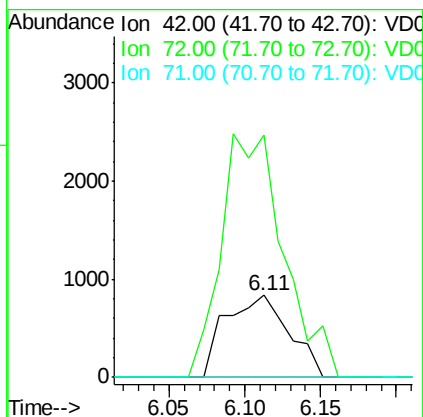
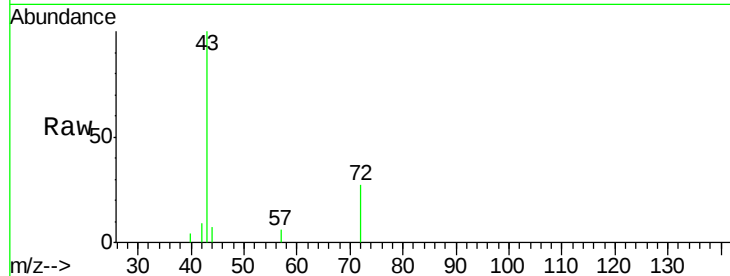




#29
Tetrahydrofuran
Concen: 4.088 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.33 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

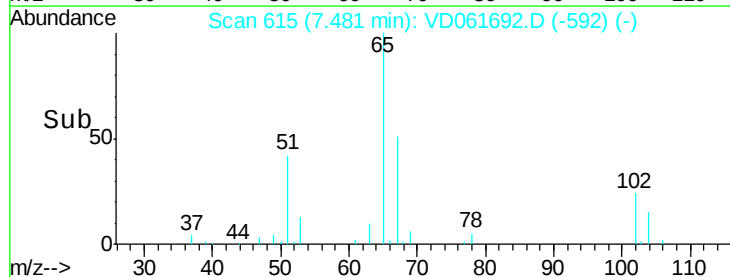
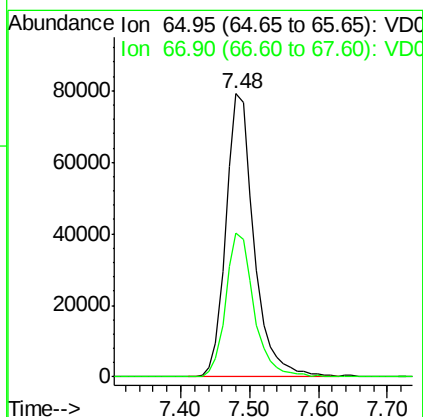
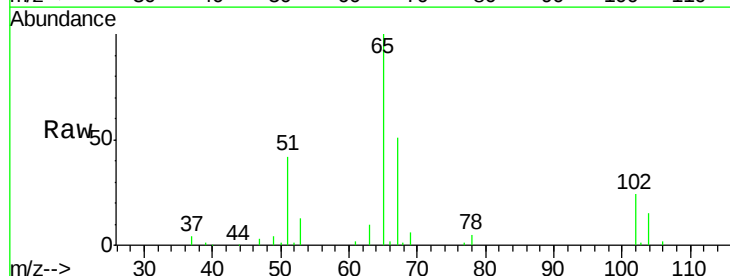
Instrument :
MSVOA_D
ClientSampled :

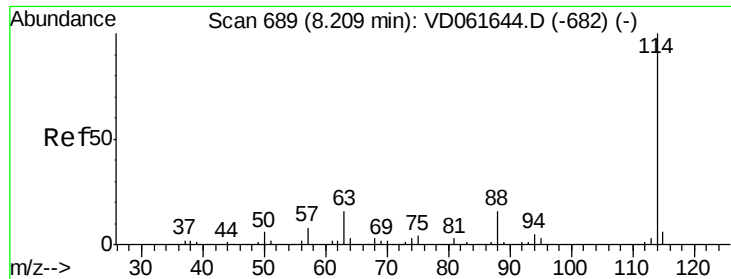
Tot Ion: 42 Resp: 2437
Ion Ratio Lower Upper
42 100
72 292.3 37.0 55.6#
71 0.0 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 65 Resp: 223162
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

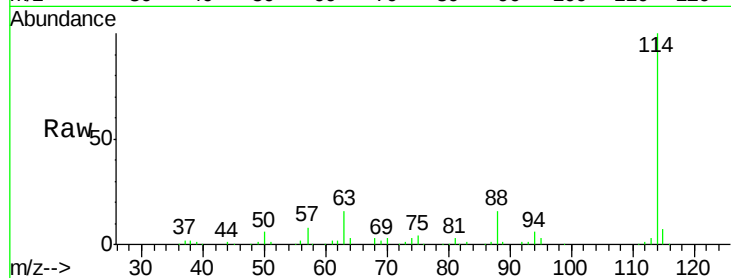




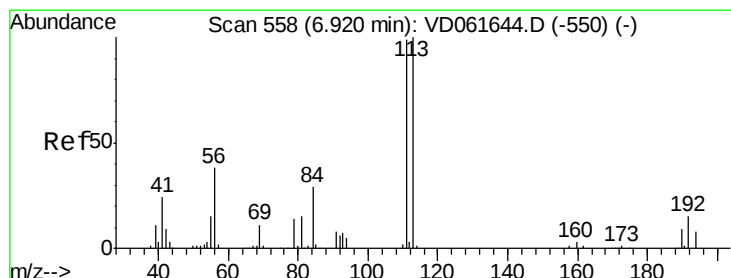
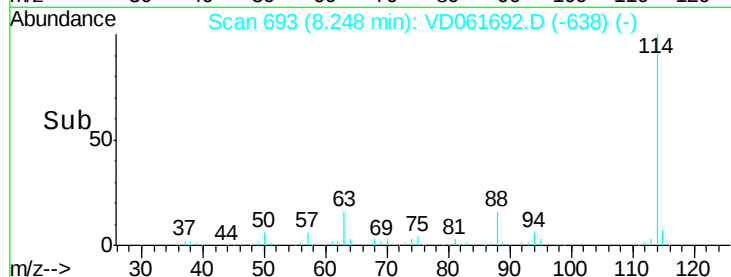
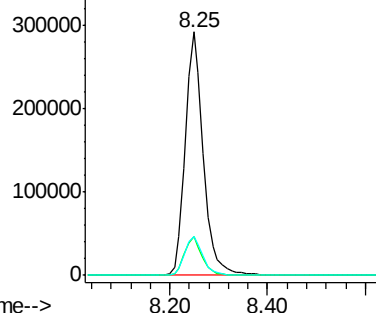
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.04 min
 Lab File: VD061692.D
 Acq: 9 Apr 2019 23:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 754170
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.1 0.0 31.8

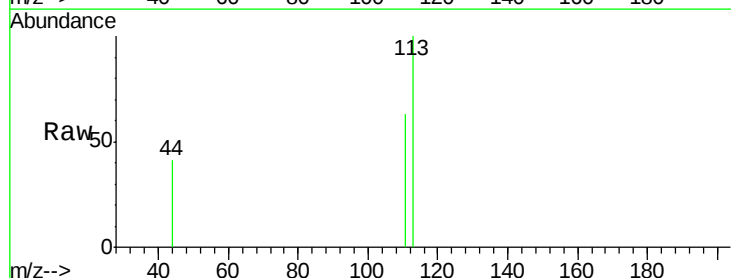


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

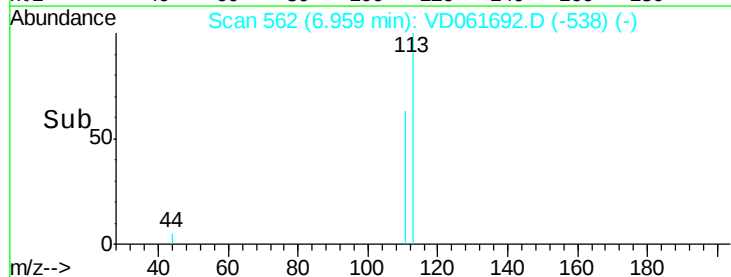
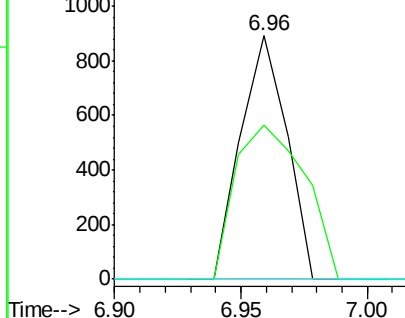


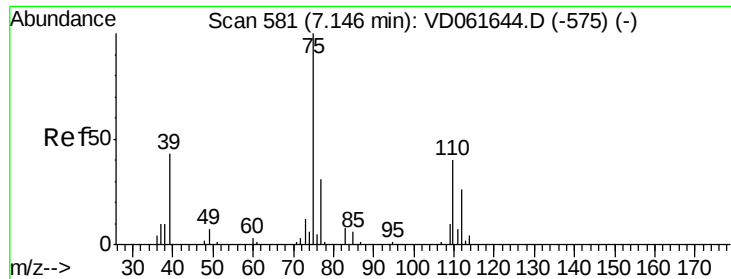
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.04 min
 Lab File: VD061692.D
 Acq: 9 Apr 2019 23:16

Tgt Ion:113 Resp: 1130
 Ion Ratio Lower Upper
 113 100
 111 63.5 79.3 118.9#
 192 0.0 12.3 18.5#



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: 4.890 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

ClientSampleId :

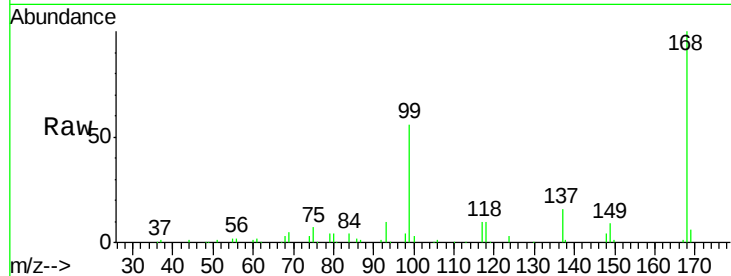
Tot Ion: 75 Resp: 32275

Ion Ratio Lower Upper

75 100

110 6.8 19.7 59.0#

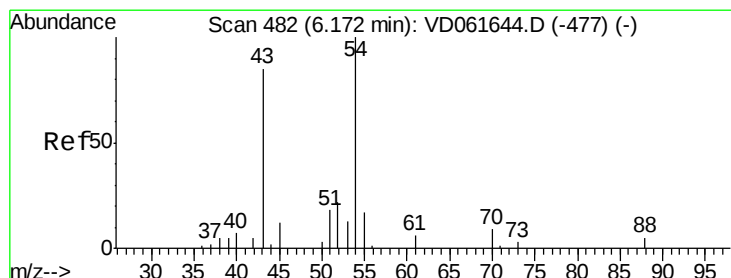
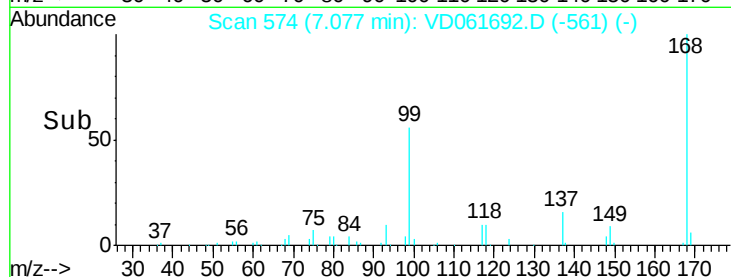
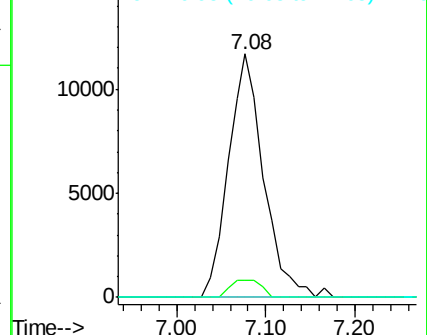
77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 13.342 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.07 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

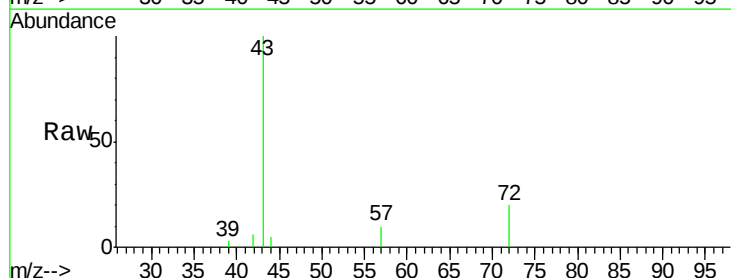
Tgt Ion: 43 Resp: 35870

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

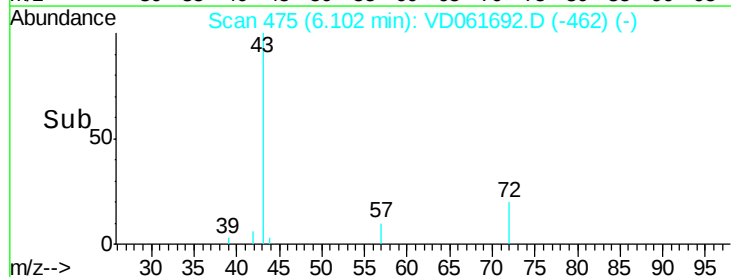
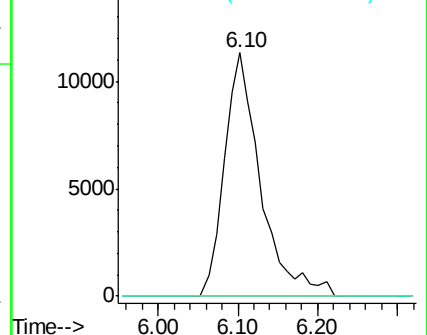
70 0.0 6.9 10.3#

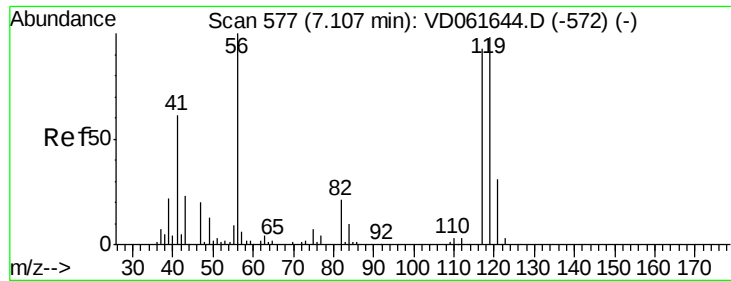


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

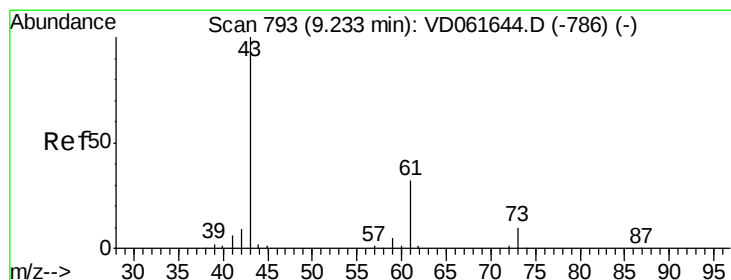
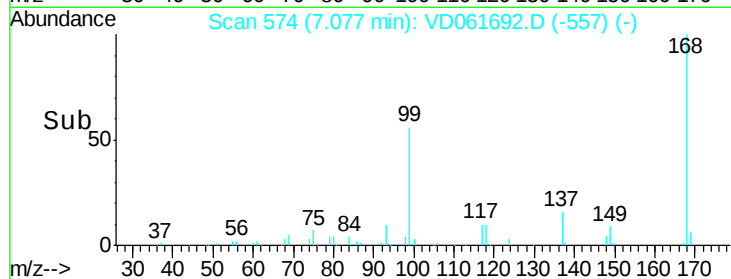
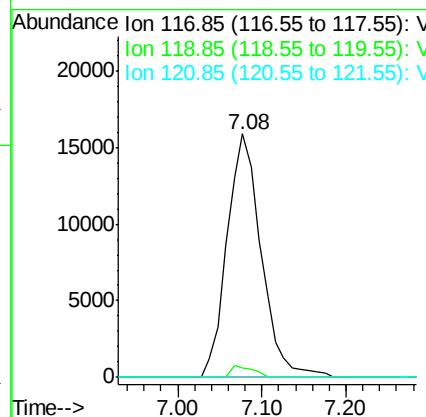
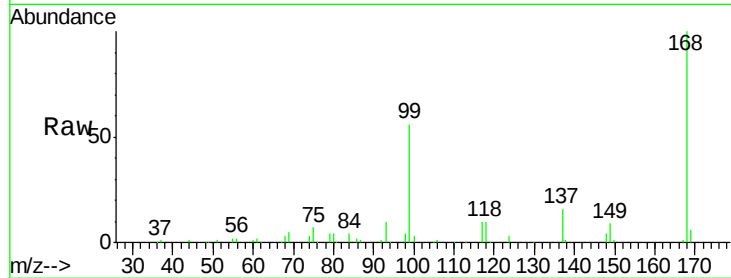




#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.03 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

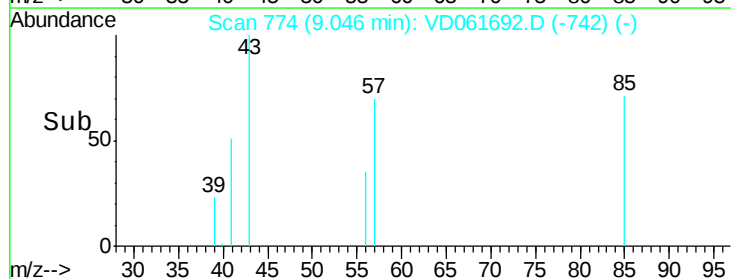
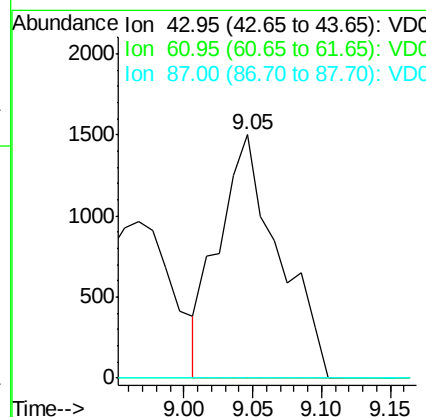
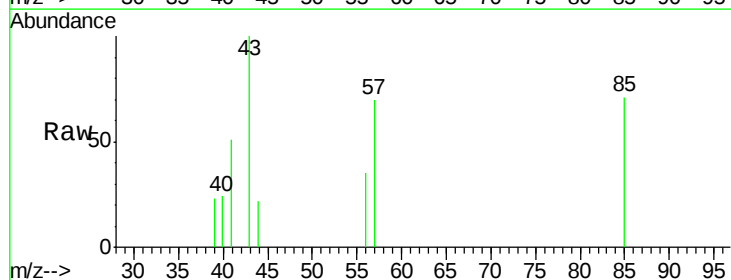
Instrument :
MSVOA_D
ClientSampled :

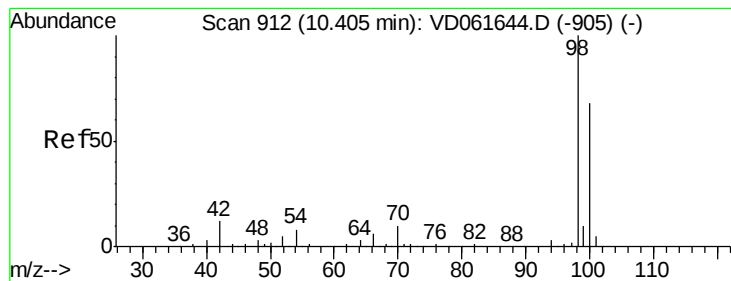
Tot Ion:117 Resp: 44859
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.159 ug/l
RT: 9.05 min Scan# 774
Delta R.T. -0.19 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
61 0.0 25.9 38.9#
87 0.0 0.2 0.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

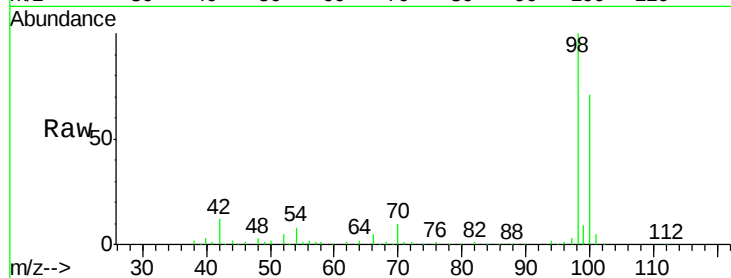
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 661298

Ion Ratio Lower Upper

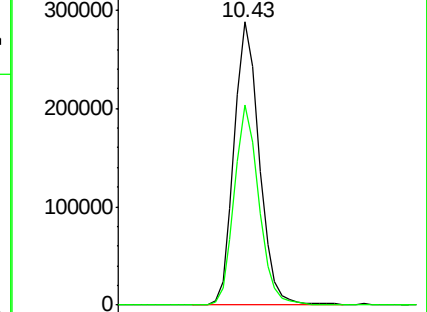
98 100

100 70.6 55.4 83.0

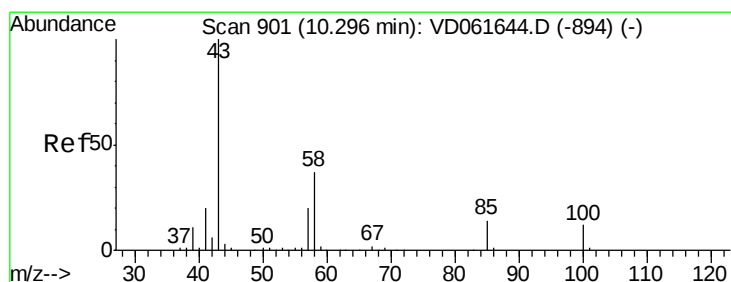
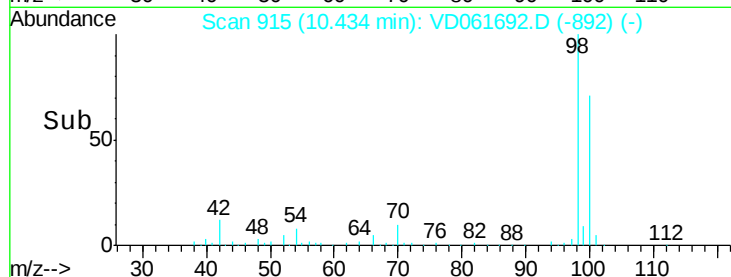


Abundance Ion 98.05 (97.75 to 98.75): VD061692.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD061692.D (-892) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 9.674 ug/l

RT: 10.38 min Scan# 910

Delta R.T. 0.09 min

Lab File: VD061692.D

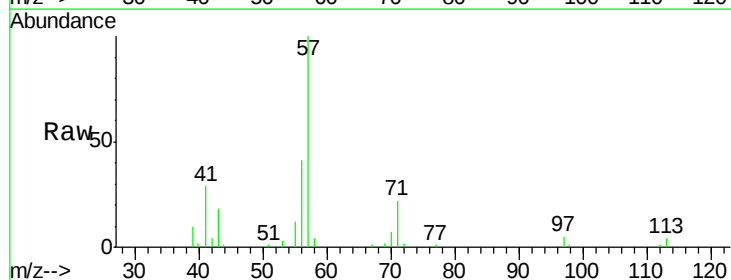
Acq: 9 Apr 2019 23:16

Tgt Ion: 43 Resp: 22322

Ion Ratio Lower Upper

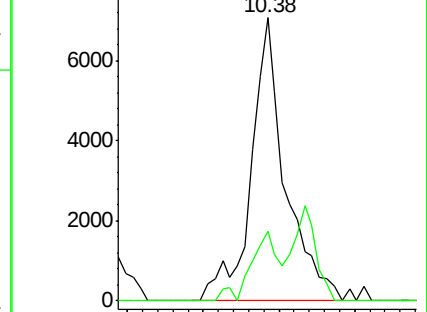
43 100

58 24.6 29.8 44.8#

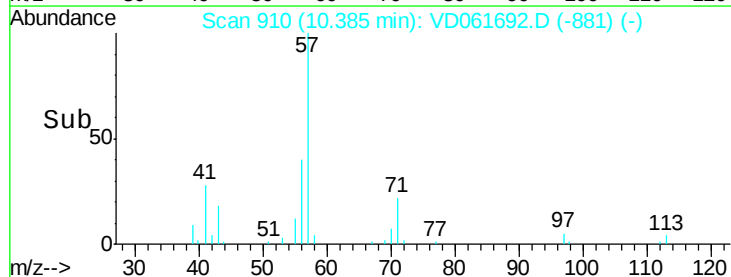


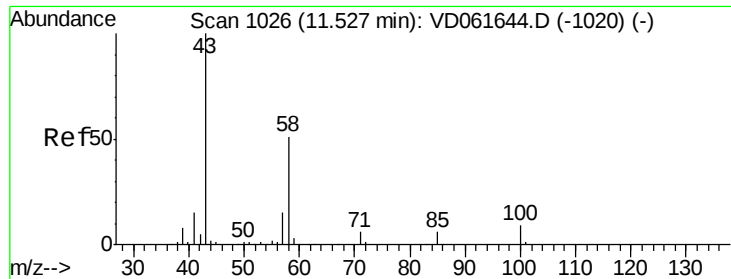
Abundance Ion 42.95 (42.65 to 43.65): VD061692.D (-881) (-)

Ion 57.95 (57.65 to 58.65): VD061692.D (-881) (-)



Time-->

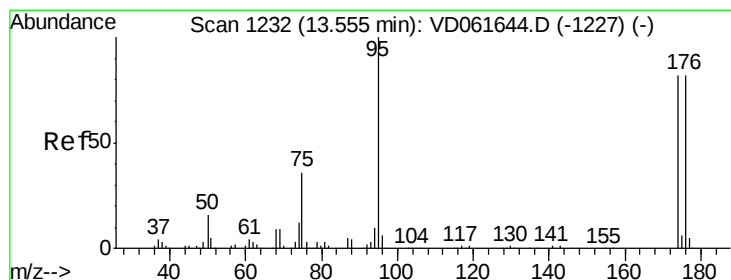
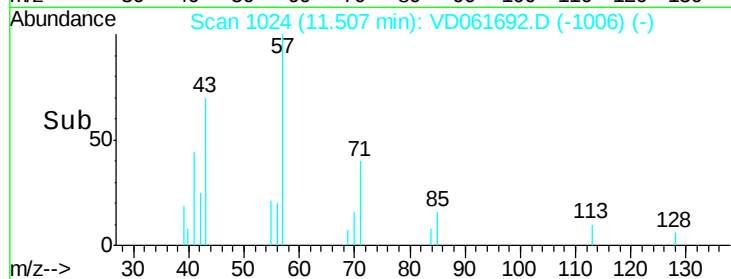
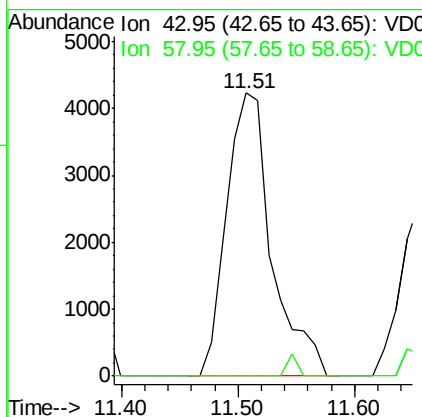
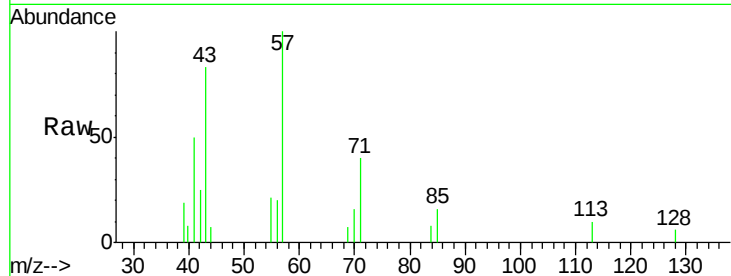




#59
2-Hexanone
Concen: 6.336 ug/l
RT: 11.51 min Scan# 1024
Delta R.T. -0.02 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

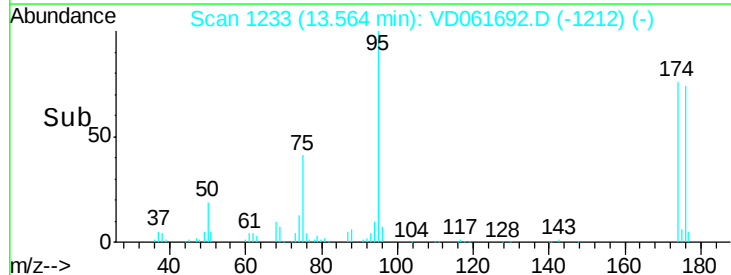
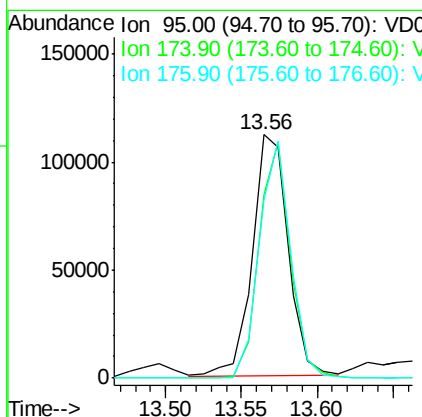
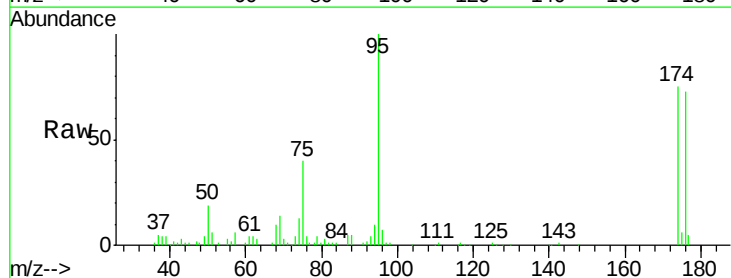
Instrument :
MSVOA_D
ClientSampled :

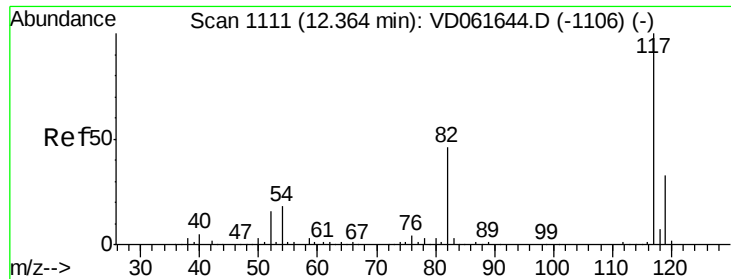
Tot Ion: 43 Resp: 11347
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 95 Resp: 183852
Ion Ratio Lower Upper
95 100
174 75.4 0.0 164.6
176 73.0 0.0 165.0

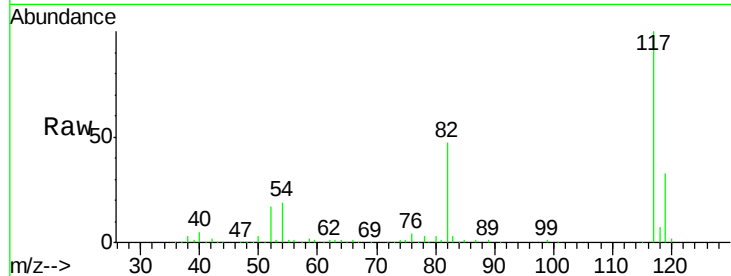




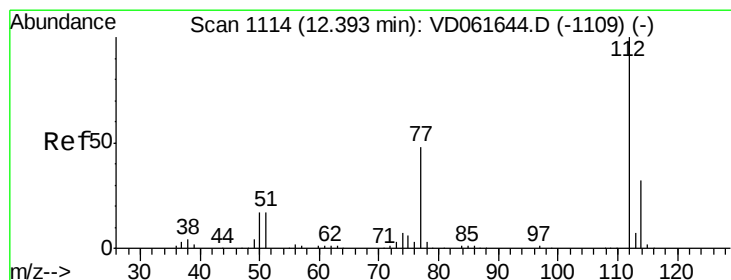
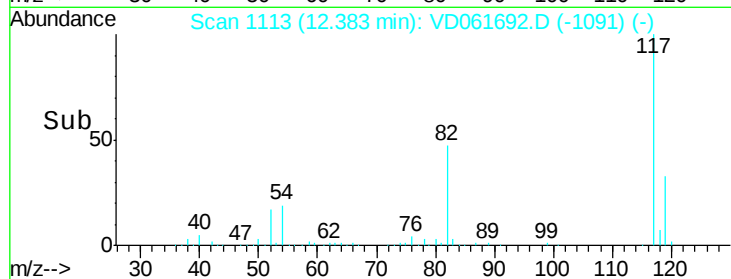
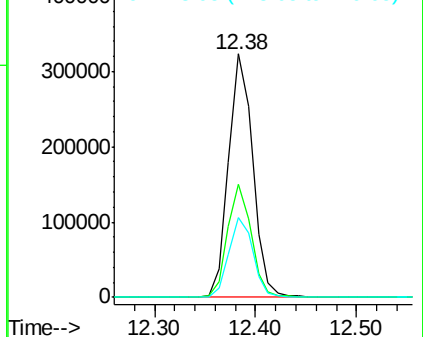
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 538808
Ion Ratio Lower Upper
117 100
82 46.7 36.8 55.2
119 32.7 26.1 39.1

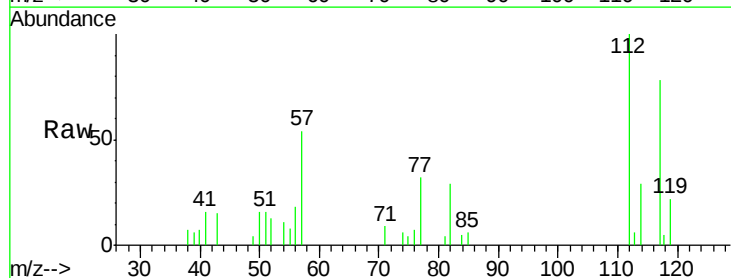


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

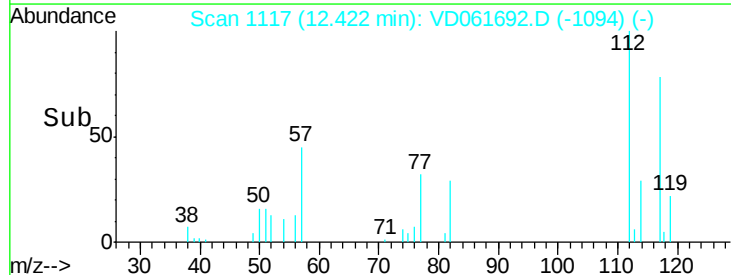
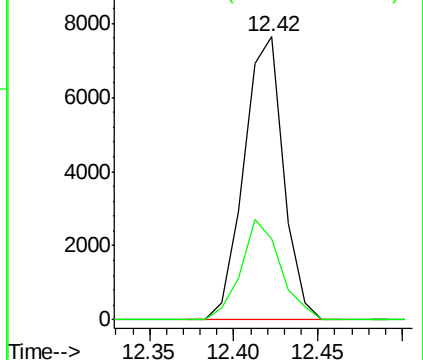


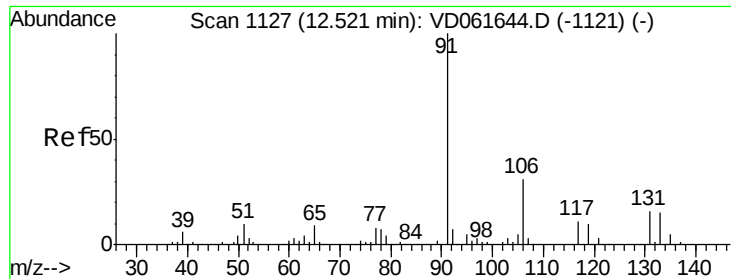
#65
Chlorobenzene
Concen: 1.159 ug/l
RT: 12.42 min Scan# 1117
Delta R.T. 0.03 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion:112 Resp: 12386
Ion Ratio Lower Upper
112 100
114 28.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

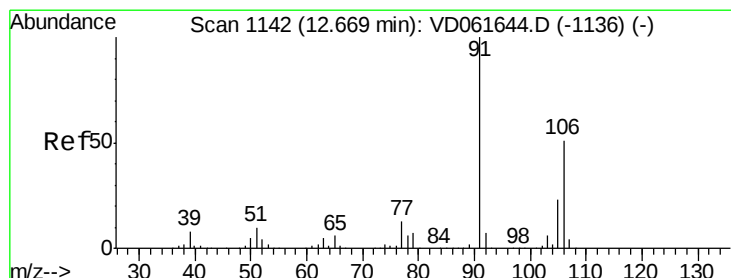
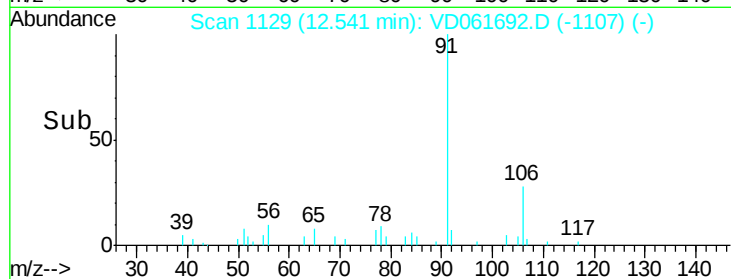
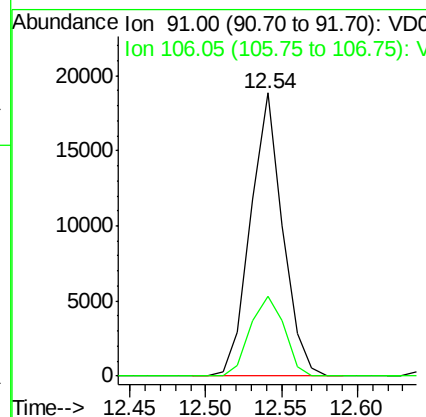
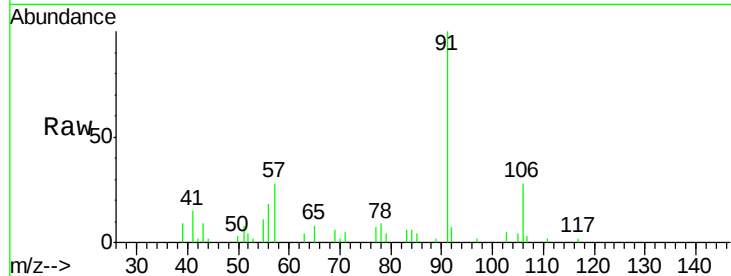




#67
Ethyl Benzene
Concen: 1.717 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

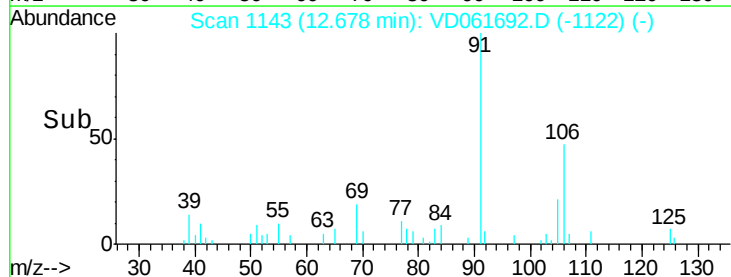
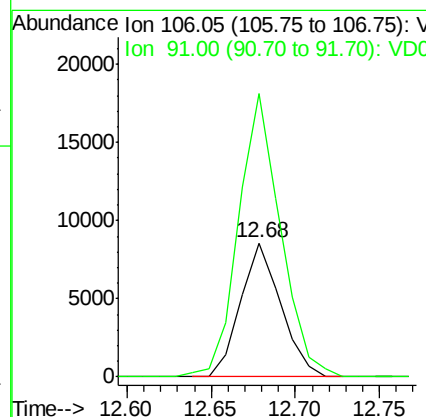
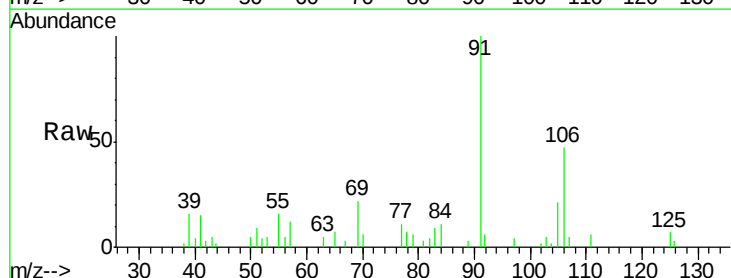
Instrument :
MSVOA_D
ClientSampleId :

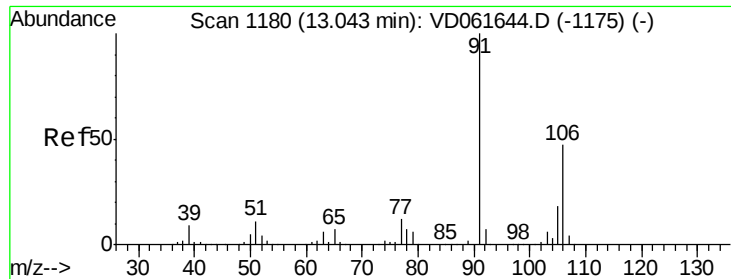
Tot Ion: 91 Resp: 27943
Ion Ratio Lower Upper
91 100
106 28.3 24.6 37.0



#68
m/p-Xylenes
Concen: 2.275 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 106 Resp: 14268
Ion Ratio Lower Upper
106 100
91 211.6 156.7 235.1

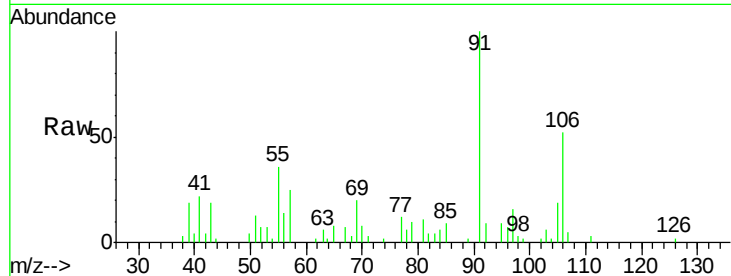




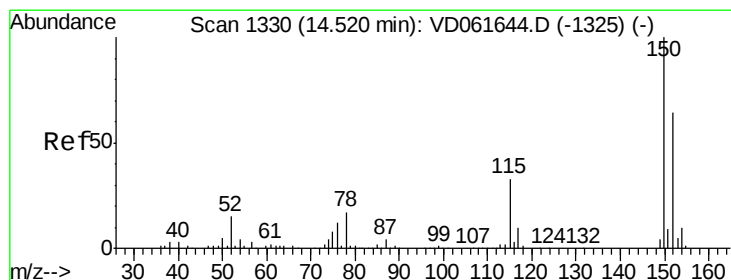
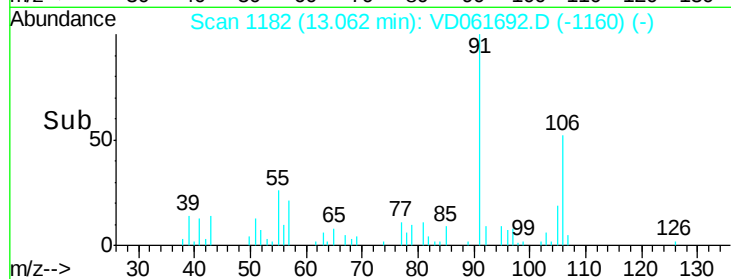
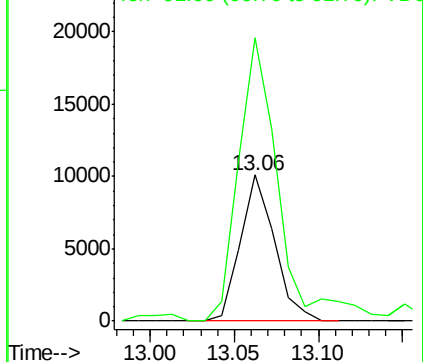
#69
o-Xylene
Concen: 2.347 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 14210
Ion Ratio Lower Upper
106 100
91 194.1 107.3 321.9

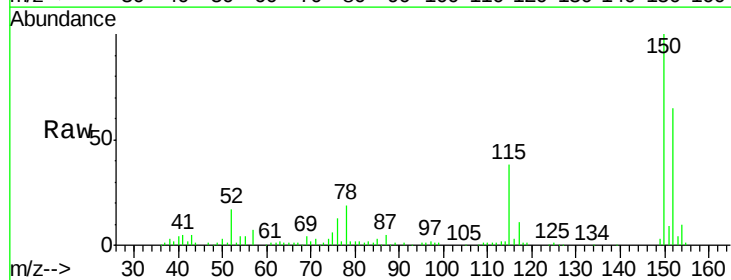


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

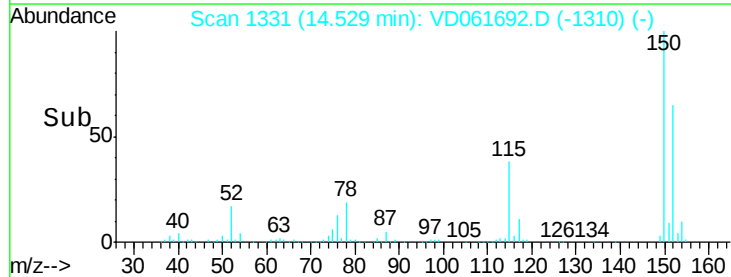
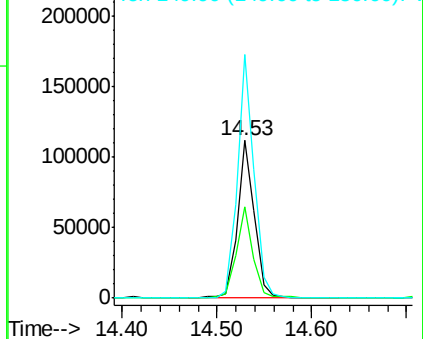


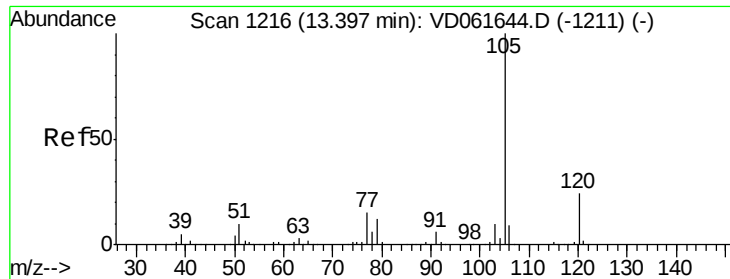
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion:152 Resp: 138752
Ion Ratio Lower Upper
152 100
115 58.3 26.4 79.2
150 154.4 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.928 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

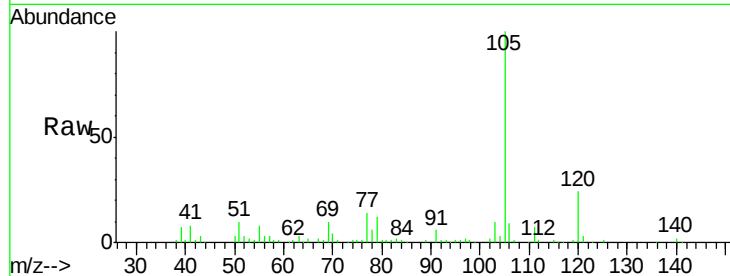
ClientSampled :

Tot Ion:105 Resp: 156498

Ion Ratio Lower Upper

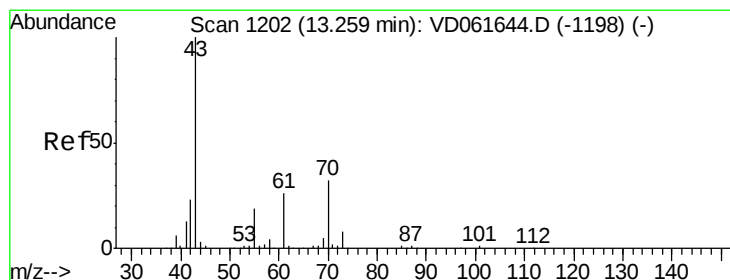
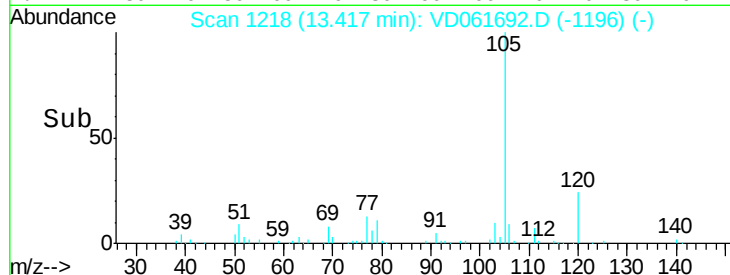
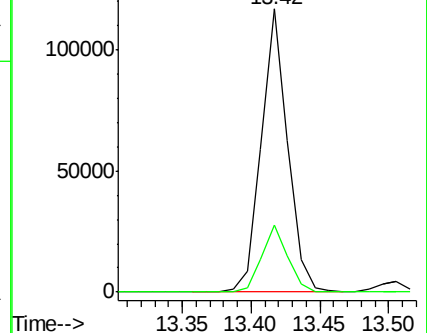
105 100

120 23.8 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 26.174 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.03 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Tgt Ion: 43 Resp: 65748

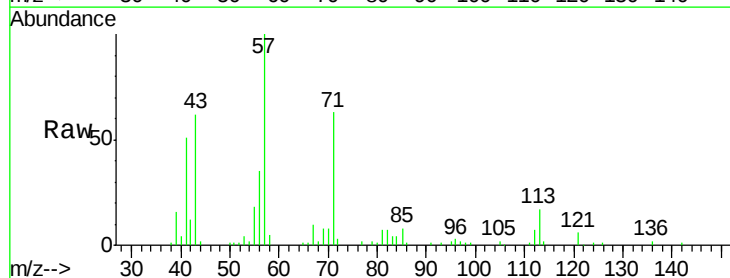
Ion Ratio Lower Upper

43 100

70 12.2 25.4 38.2#

55 28.5 15.0 22.4#

61 0.0 20.9 31.3#

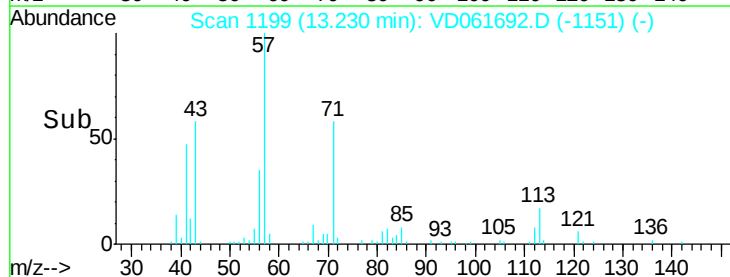
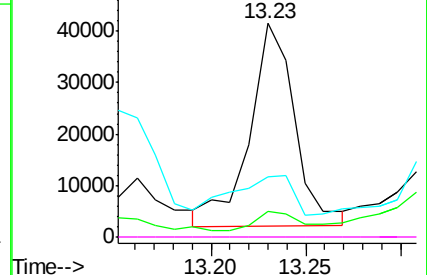


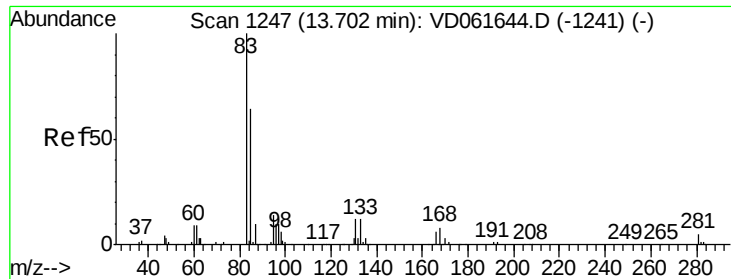
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 6.962 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.02 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

ClientSampleId :

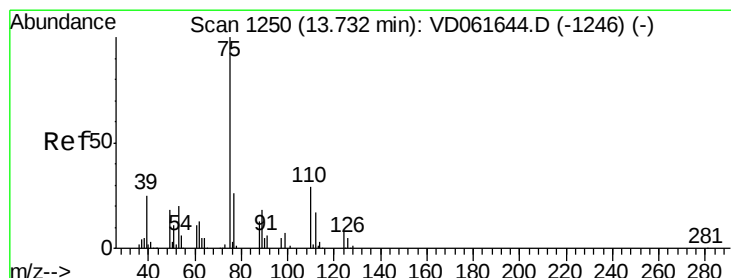
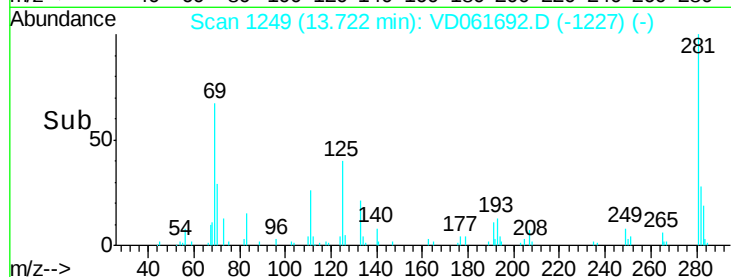
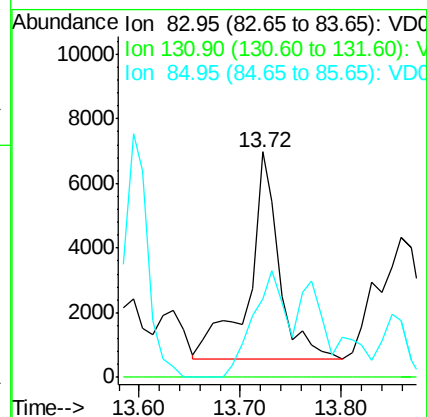
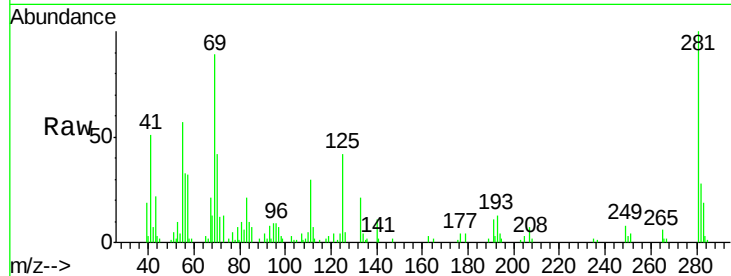
Tot Ion: 83 Resp: 13309

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

85 34.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 2.316 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.12 min

Lab File: VD061692.D

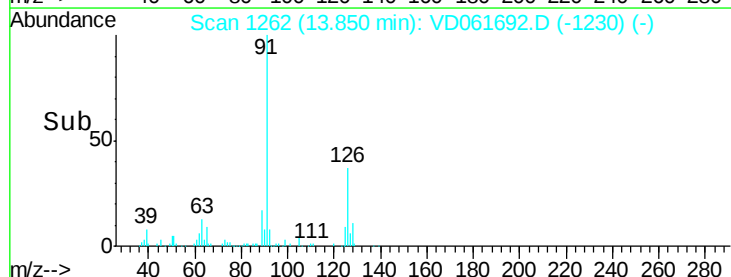
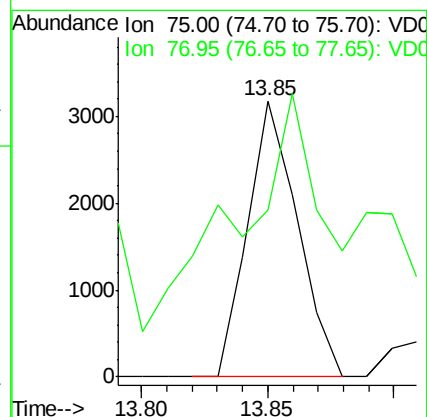
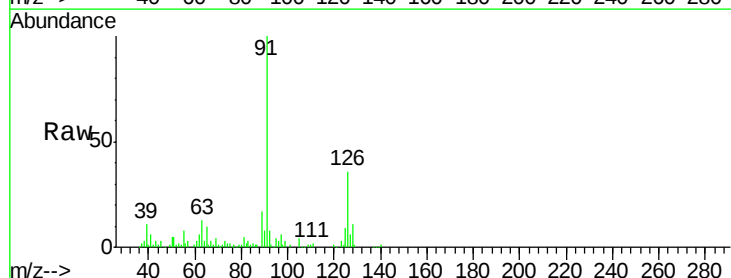
Acq: 9 Apr 2019 23:16

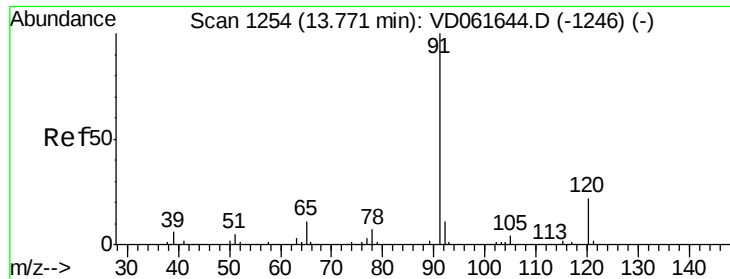
Tgt Ion: 75 Resp: 4372

Ion Ratio Lower Upper

75 100

77 60.5 15.7 47.1#

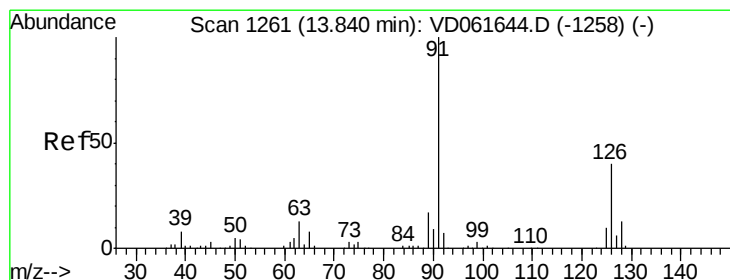
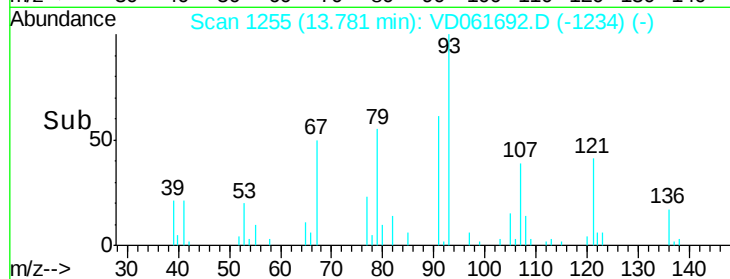
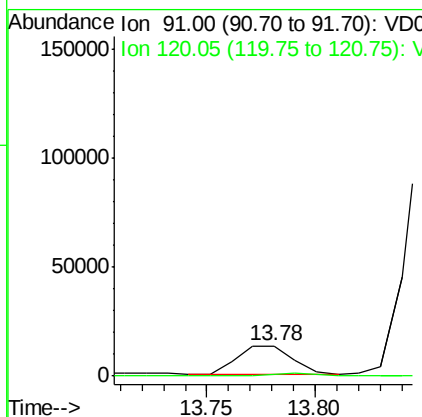
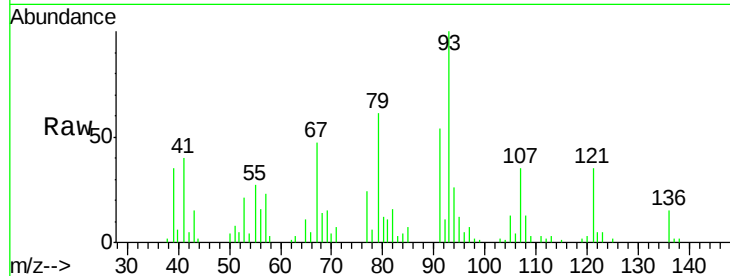




#78
n-propylbenzene
Concen: 2.168 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

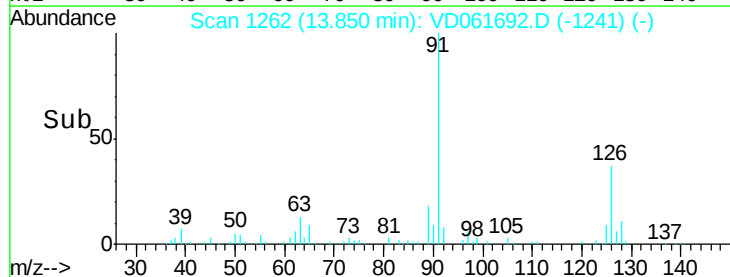
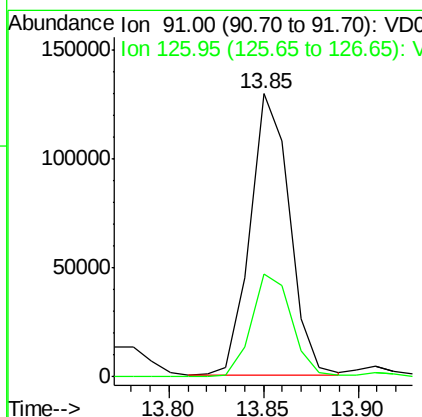
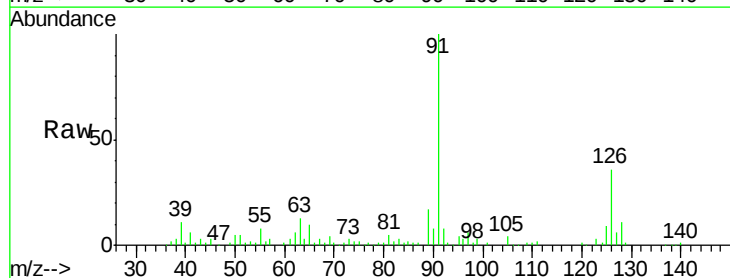
Instrument :
MSVOA_D
ClientSampled :

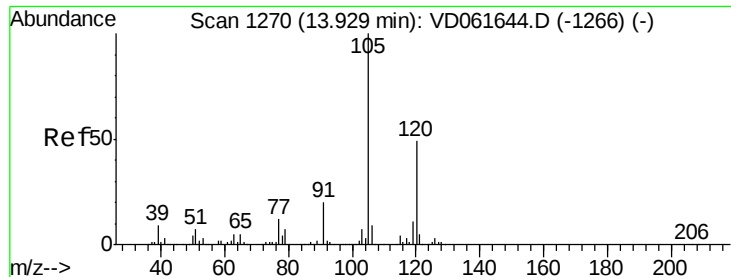
Tot Ion: 91 Resp: 23971
Ion Ratio Lower Upper
91 100
120 5.6 10.8 32.4#



#79
2-Chlorotoluene
Concen: 29.530 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 91 Resp: 186755
Ion Ratio Lower Upper
91 100
126 36.5 20.0 59.9

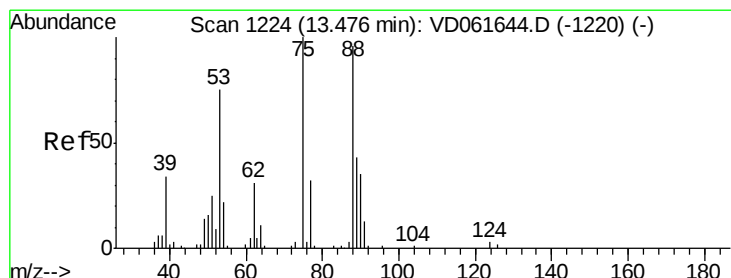
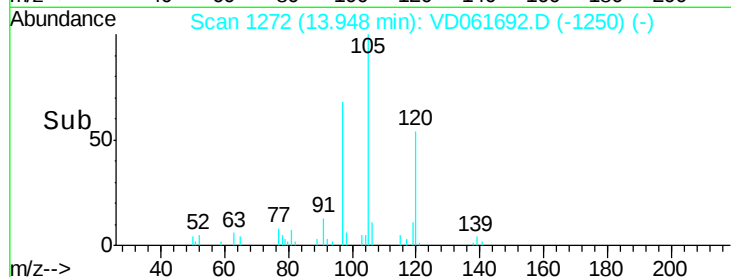
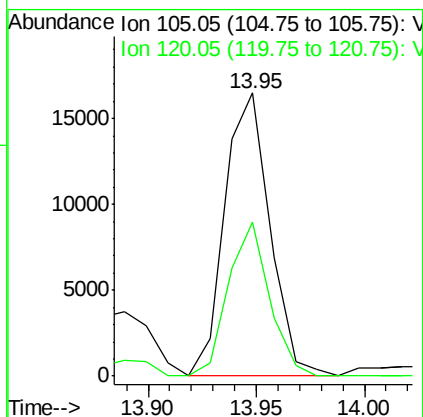
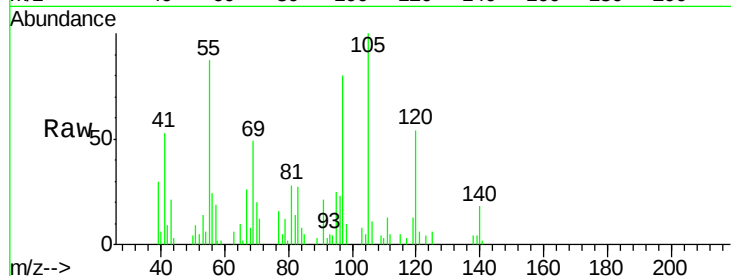




#80
 1,3,5-Trimethylbenzene
 Concen: 3.278 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.02 min
 Lab File: VD061692.D
 Acq: 9 Apr 2019 23:16

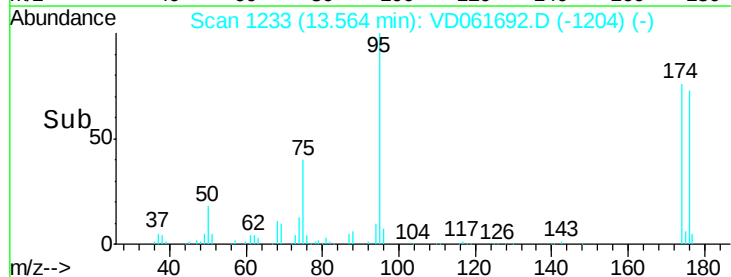
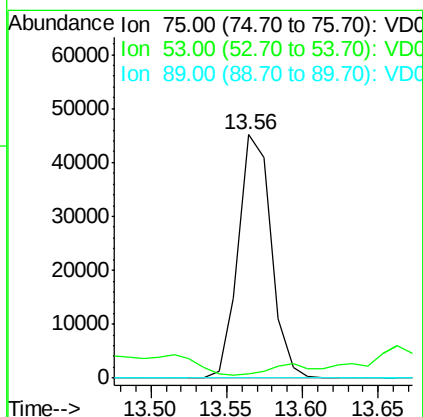
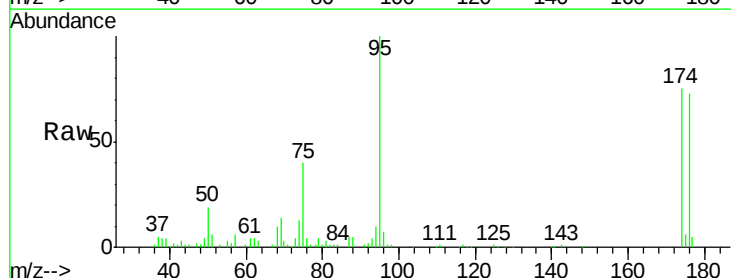
Instrument :
 MSVOA_D
 ClientSampleId :

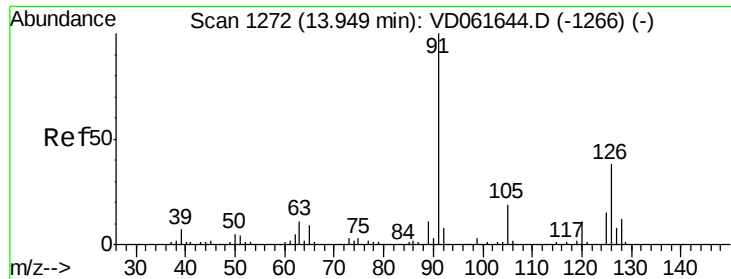
Tot Ion:105 Resp: 24054
 Ion Ratio Lower Upper
 105 100
 120 54.3 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.135 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061692.D
 Acq: 9 Apr 2019 23:16

Tgt Ion: 75 Resp: 68245
 Ion Ratio Lower Upper
 75 100
 53 1.6 60.2 90.2#
 89 0.0 34.2 51.2#

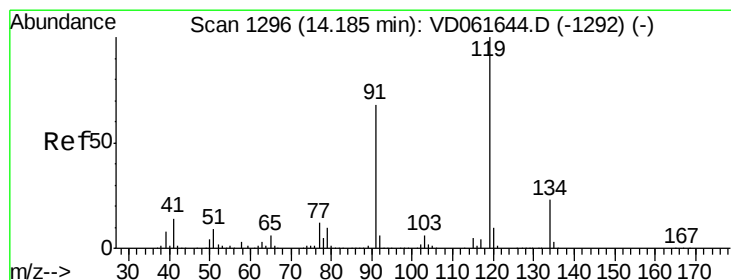
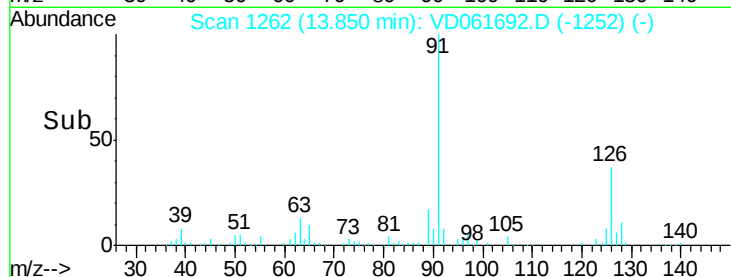
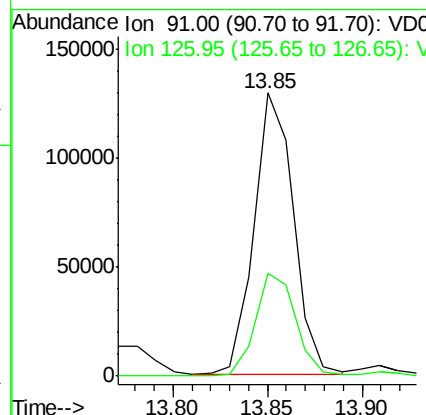
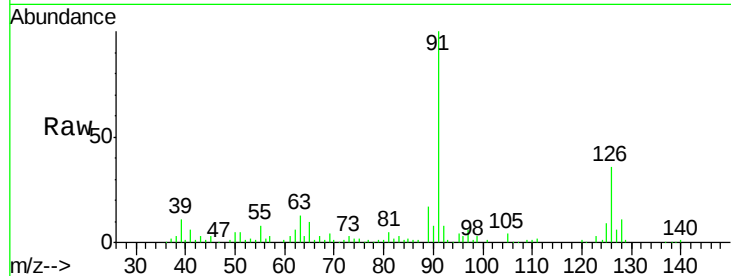




#82
4-Chlorotoluene
Concen: 26.837 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. -0.10 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

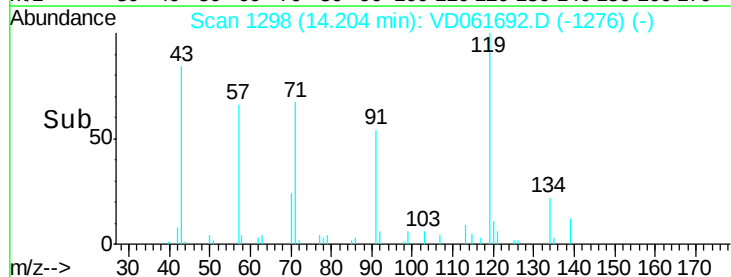
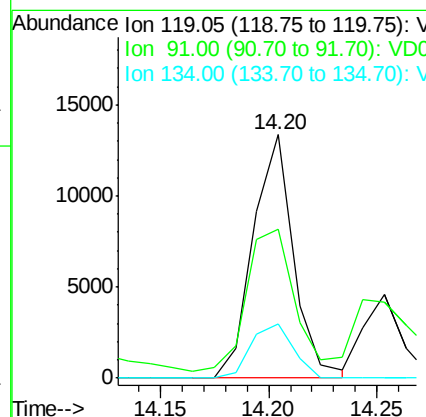
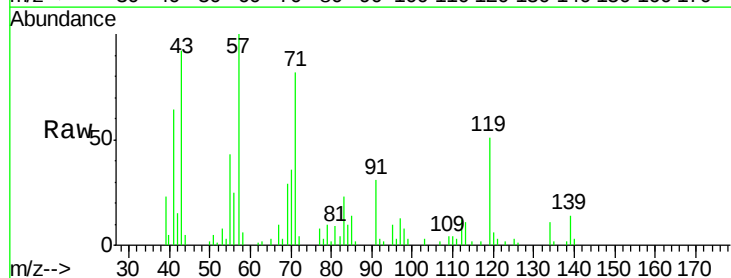
Instrument :
MSVOA_D
ClientSampleId :

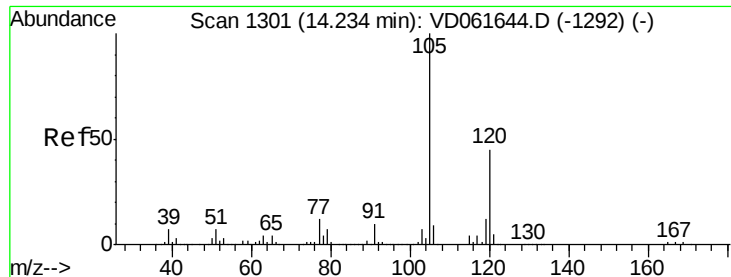
Tot Ion: 91 Resp: 185980
Ion Ratio Lower Upper
91 100
126 36.5 19.0 57.0



#83
tert-Butylbenzene
Concen: 1.953 ug/l
RT: 14.20 min Scan# 1298
Delta R.T. 0.02 min
Lab File: VD061692.D
Acq: 9 Apr 2019 23:16

Tgt Ion: 119 Resp: 17276
Ion Ratio Lower Upper
119 100
91 61.1 33.9 101.6
134 22.5 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 6.749 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.02 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

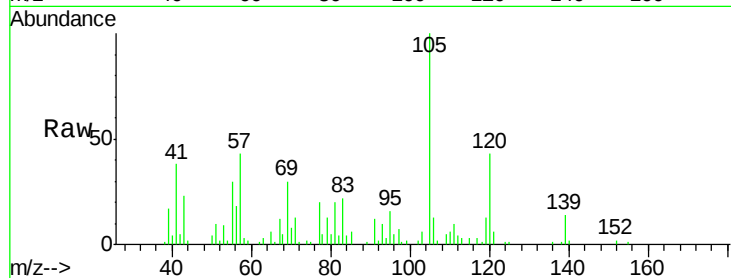
ClientSampleId :

Tot Ion:105 Resp: 49980

Ion Ratio Lower Upper

105 100

120 43.0 22.6 67.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.25

40000

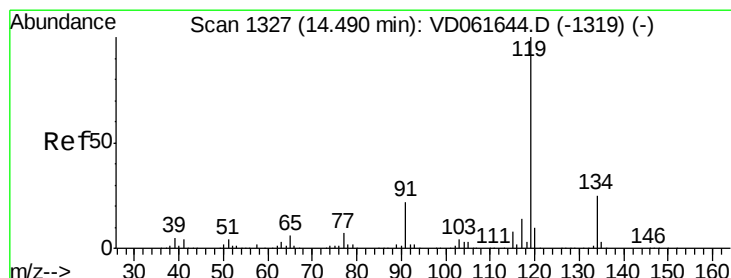
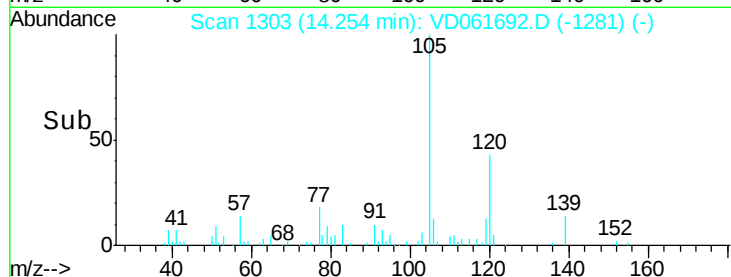
30000

20000

10000

0

Time--> 14.20 14.30



#86

p-Isopropyltoluene

Concen: 2.551 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

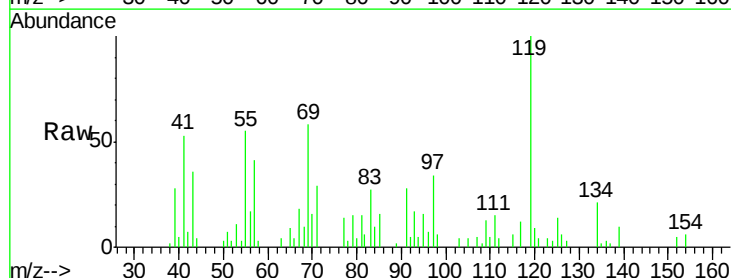
Tgt Ion:119 Resp: 21151

Ion Ratio Lower Upper

119 100

134 21.5 12.5 37.5

91 28.4 11.0 33.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

20000

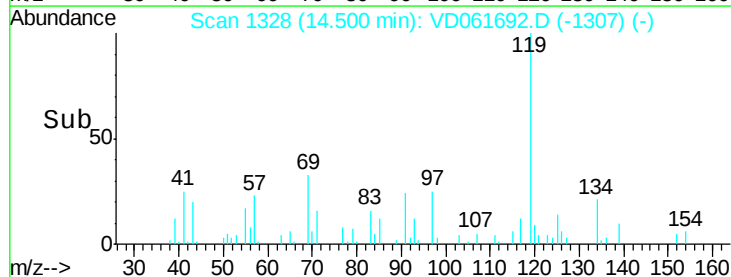
15000

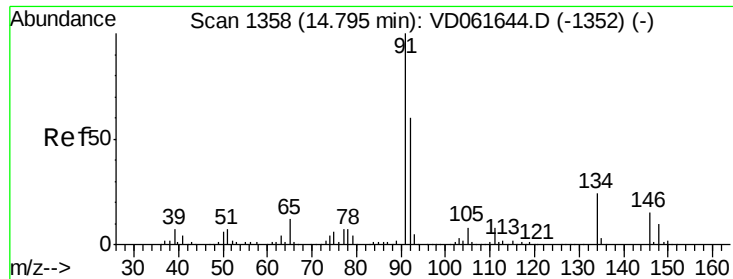
10000

5000

0

Time--> 14.50 14.55





#89

n-Butylbenzene

Concen: 1.430 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

ClientSampleId :

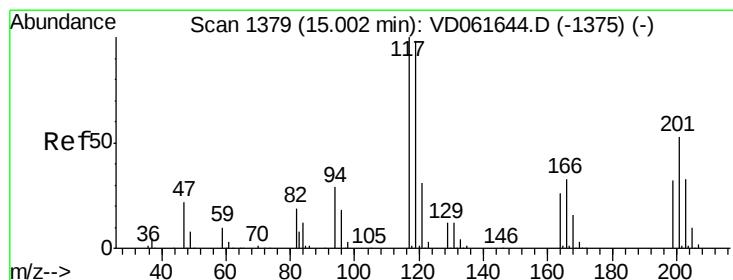
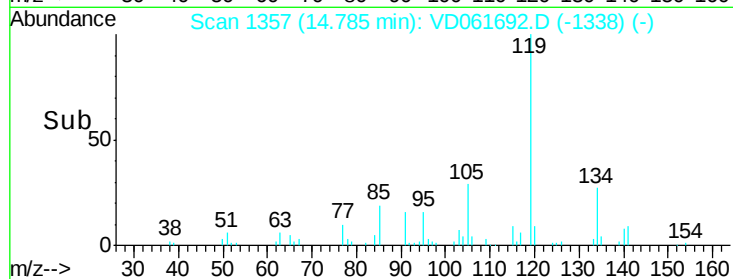
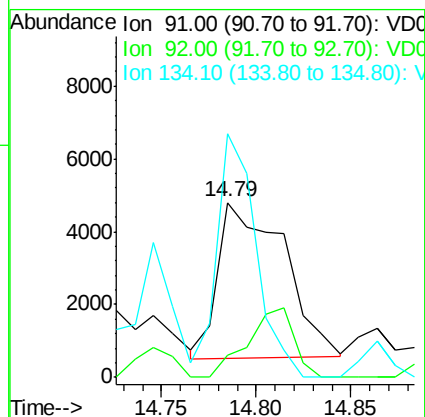
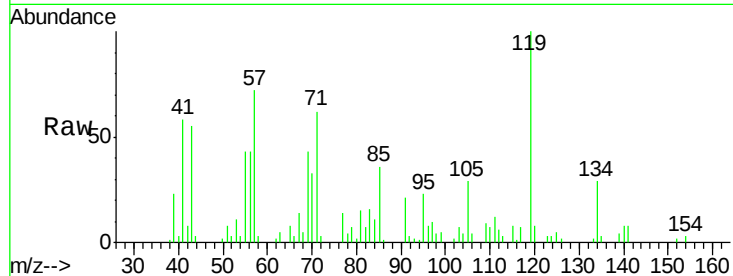
Tot Ion: 91 Resp: 10307

Ion Ratio Lower Upper

91 100

92 12.6 29.8 89.4#

134 139.3 12.2 36.4#



#90

Hexachloroethane

Concen: 1.163 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VD061692.D

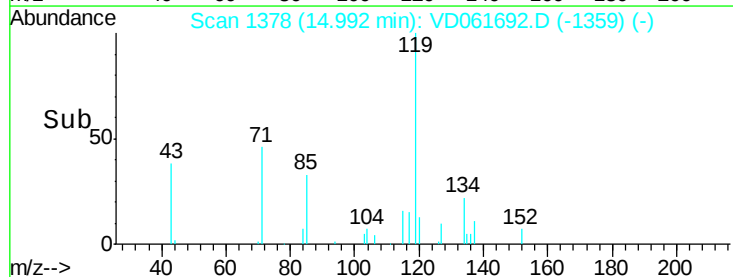
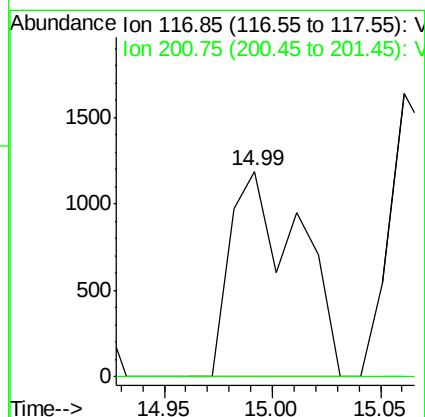
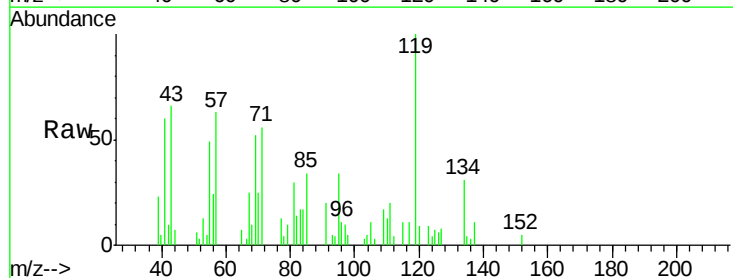
Acq: 9 Apr 2019 23:16

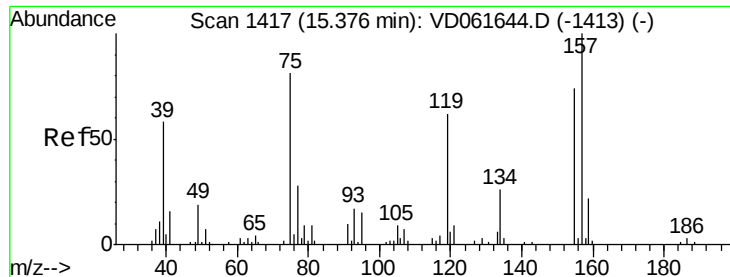
Tgt Ion: 117 Resp: 2617

Ion Ratio Lower Upper

117 100

201 0.0 26.3 78.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.062 ug/l

RT: 15.35 min Scan# 1414

Delta R.T. -0.03 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

Instrument :

MSVOA_D

ClientSampleId :

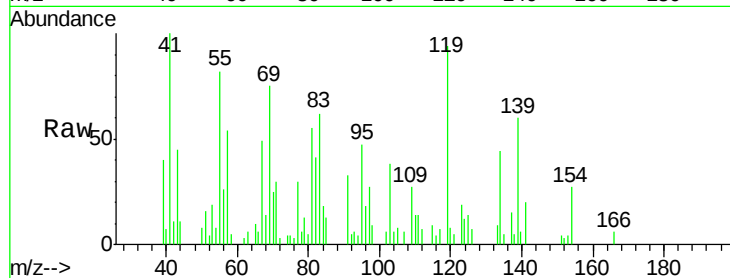
Tot Ion: 75 Resp: 245

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.7#

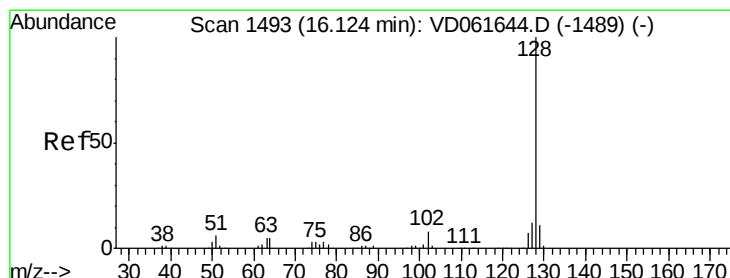
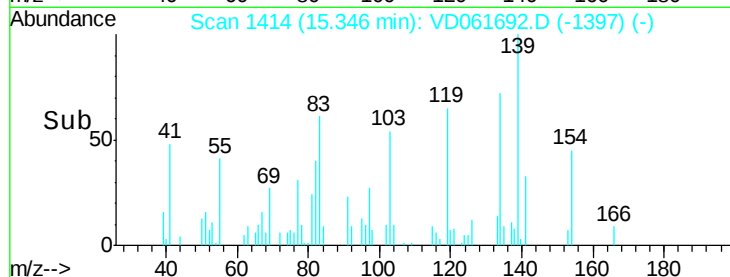
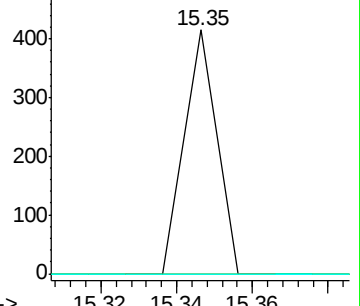
157 0.0 61.4 184.2#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 16.568 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061692.D

Acq: 9 Apr 2019 23:16

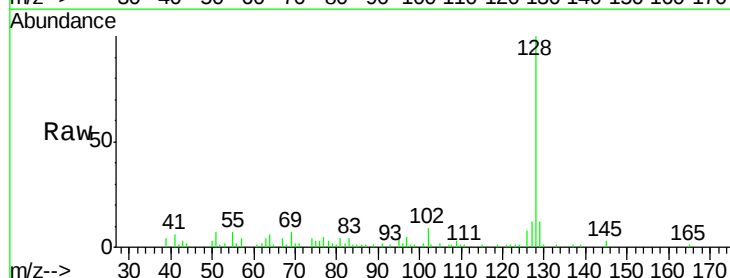
Tgt Ion:128 Resp: 50838

Ion Ratio Lower Upper

128 100

127 11.6 9.4 14.2

129 12.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

