

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061689.D
 Acq On : 9 Apr 2019 21:52
 Operator : VA/AP
 Sample : K2316-06
 Misc : 5.10µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:58:04 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	462084	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	756672	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	491826	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	151032	50.00	ug/l	0.01

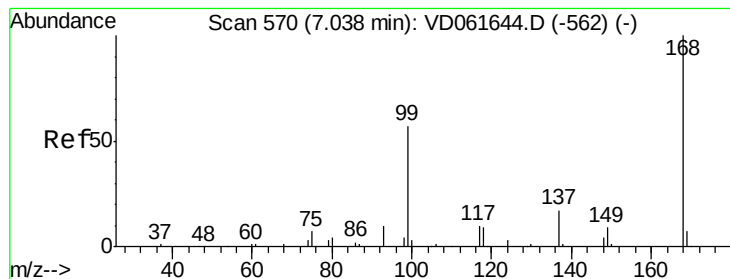
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.49	65	173758	49.61	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	6.95	113	5584	1.07	ug/l	0.03
Spiked Amount	50.000		Recovery	=	2.14%	
50) Toluene-d8	10.44	98	660473	50.15	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	13.57	95	207780	43.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	87.42%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.07	59	396	1.687	ug/l #	72
16) Acetone	3.24	43	63219	60.379	ug/l #	88
17) Carbon Disulfide	3.41	76	155307	9.922	ug/l	100
20) Methylene Chloride	3.84	84	20784	3.498	ug/l	97
25) 2-Butanone	6.10	43	14873	12.322	ug/l #	83
36) 1,1-Dichloropropene	7.08	75	34658	5.234	ug/l #	45
37) Ethyl Acetate	6.10	43	14873	5.514	ug/l #	68
38) Carbon Tetrachloride	7.08	117	44305	5.708	ug/l #	15
39) Methylcyclohexane	8.89	83	14622	2.151	ug/l	96
40) Benzene	7.49	78	22691	1.420	ug/l #	83
55) 1,1,2-Trichloroethane	11.13	97	6399	1.902	ug/l #	15
59) 2-Hexanone	11.66	43	7984	4.444	ug/l #	27
68) m/p-Xylenes	12.68	106	6573	1.148	ug/l	92
69) o-Xylene	13.07	106	11745	2.125	ug/l	99
73) Isopropylbenzene	13.42	105	19523	1.940	ug/l	90
74) N-amyl acetate	13.23	43	22529	8.239	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	13.73	83	12029	5.781	ug/l #	50
76) 1,2,3-Trichloropropane	13.57	75	74956	36.479	ug/l #	49
79) 2-Chlorotoluene	13.85	91	7260	1.055	ug/l	87
80) 1,3,5-Trimethylbenzene	13.94	105	42660	5.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.57	75	76816	123.194	ug/l #	20
84) 1,2,4-Trimethylbenzene	14.25	105	63185	7.838	ug/l	96
85) sec-Butylbenzene	14.38	105	34298	3.296	ug/l	97
86) p-Isopropyltoluene	14.50	119	26959	2.987	ug/l	98
89) n-Butylbenzene	14.79	91	18426	2.349	ug/l #	1
90) Hexachloroethane	14.99	117	4520	1.845	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.36	75	525	2.091	ug/l #	1
95) Naphthalene	16.14	128	29518	8.838	ug/l #	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 575

Delta R.T. 0.04 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

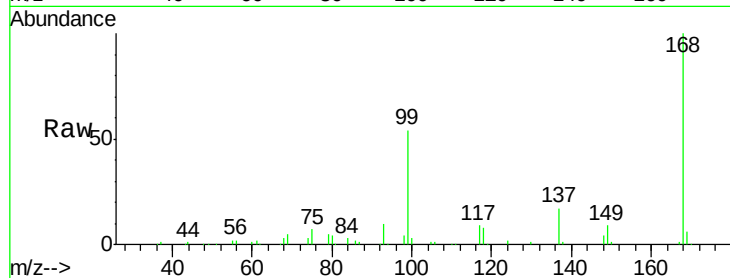
ClientSampleId :

Tot Ion:168 Resp: 462084

Ion Ratio Lower Upper

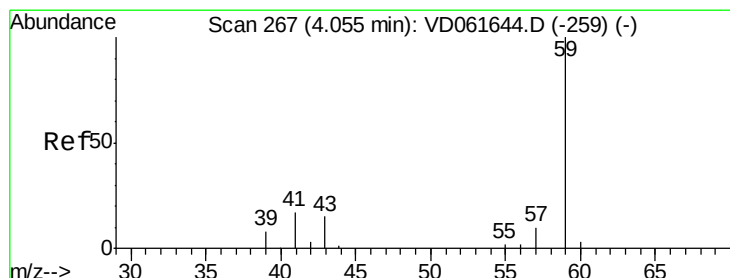
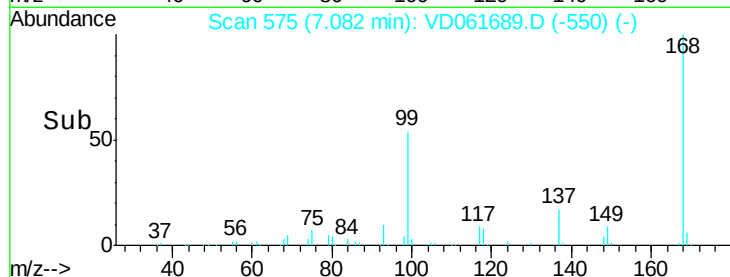
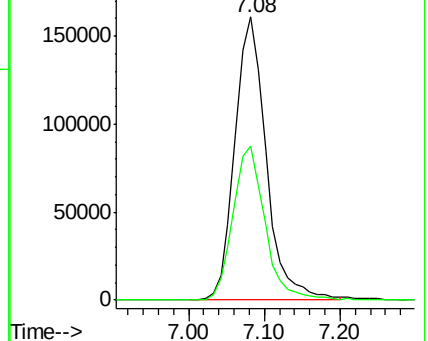
168 100

99 54.3 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: 1.687 ug/l

RT: 4.07 min Scan# 269

Delta R.T. 0.01 min

Lab File: VD061689.D

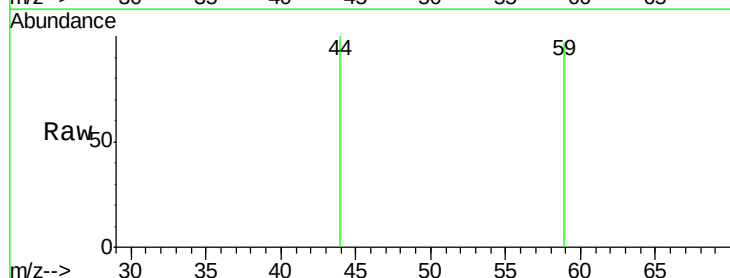
Acq: 9 Apr 2019 21:52

Tgt Ion: 59 Resp: 396

Ion Ratio Lower Upper

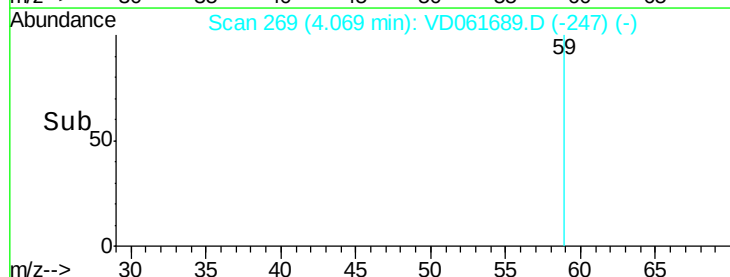
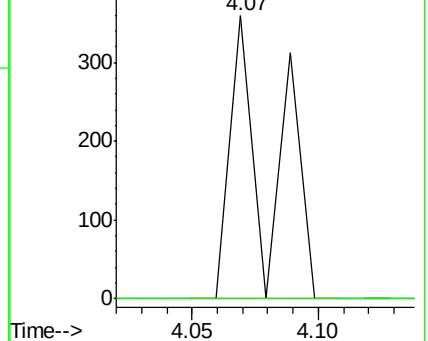
59 100

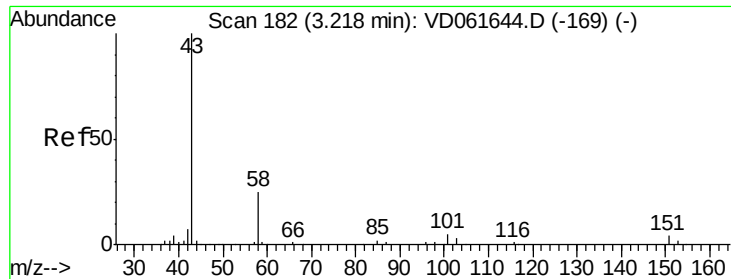
57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 60.379 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

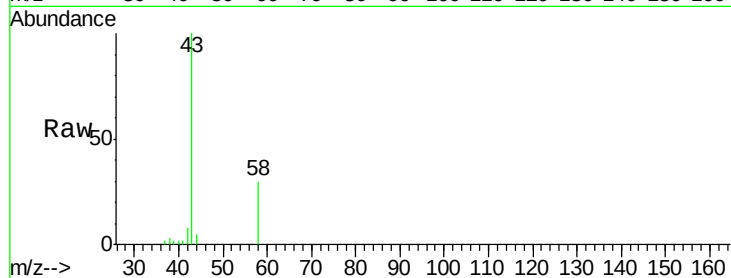
ClientSampleId :

Tot Ion: 43 Resp: 63219

Ion Ratio Lower Upper

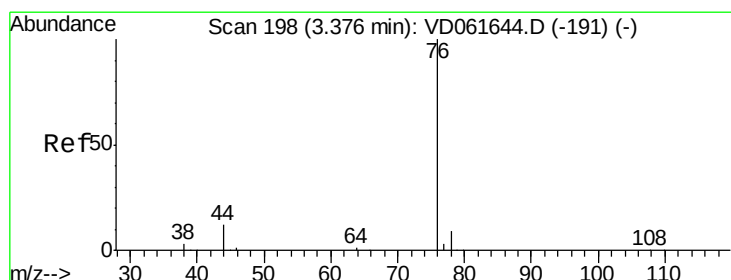
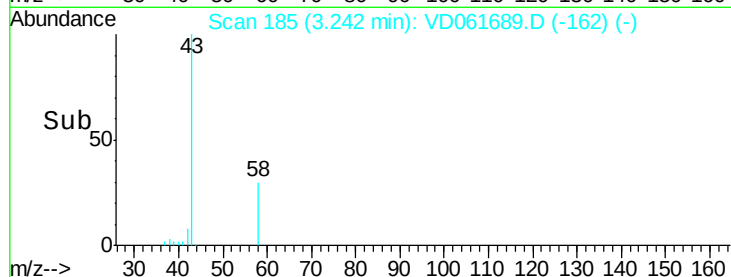
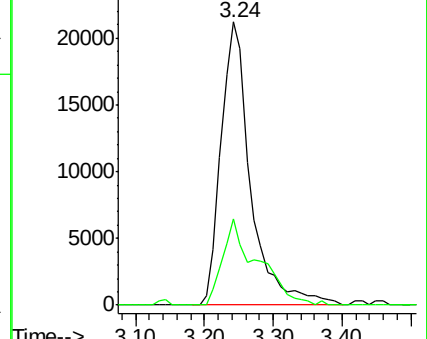
43 100

58 30.5 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: 9.922 ug/l

RT: 3.41 min Scan# 202

Delta R.T. 0.03 min

Lab File: VD061689.D

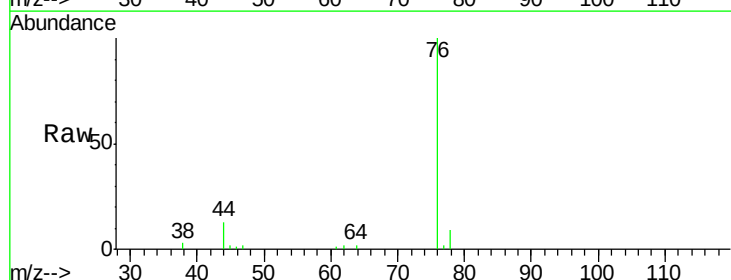
Acq: 9 Apr 2019 21:52

Tgt Ion: 76 Resp: 155307

Ion Ratio Lower Upper

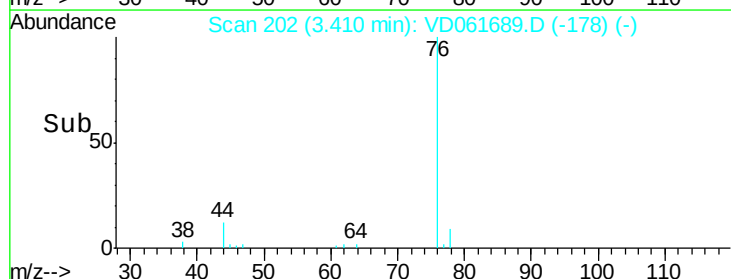
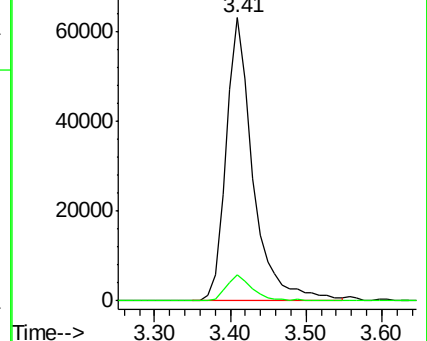
76 100

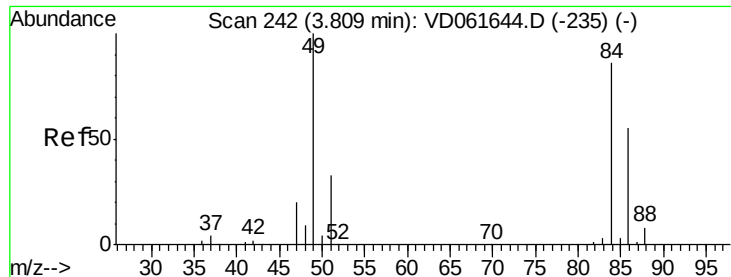
78 9.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

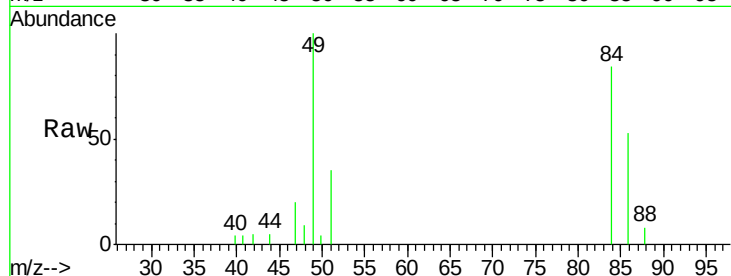




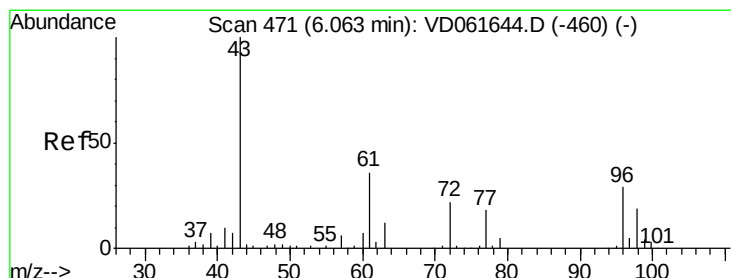
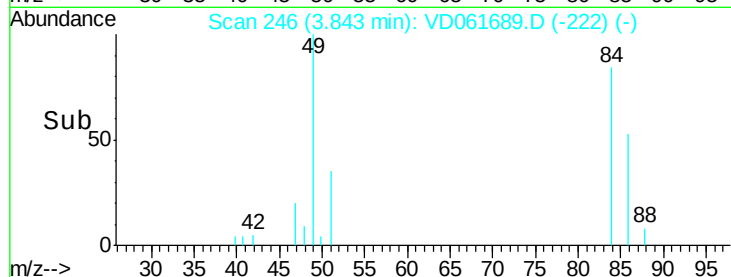
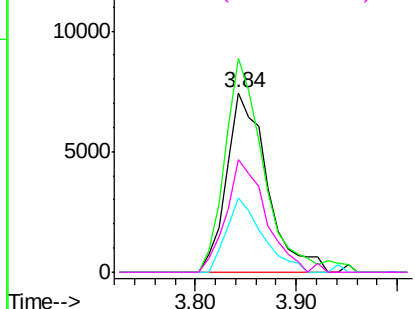
#20
Methvlene Chloride
Concen: 3.498 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 20784
Ion Ratio Lower Upper
84 100
49 119.1 93.0 139.4
51 41.5 30.4 45.6
86 63.1 51.0 76.4

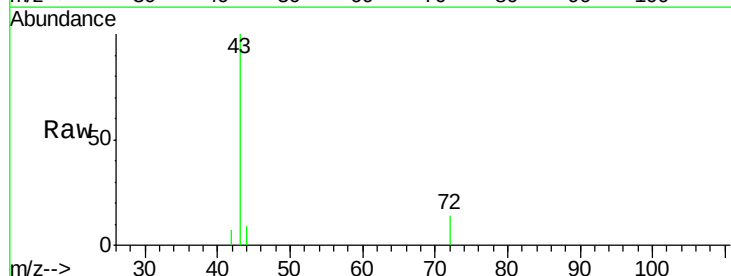


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

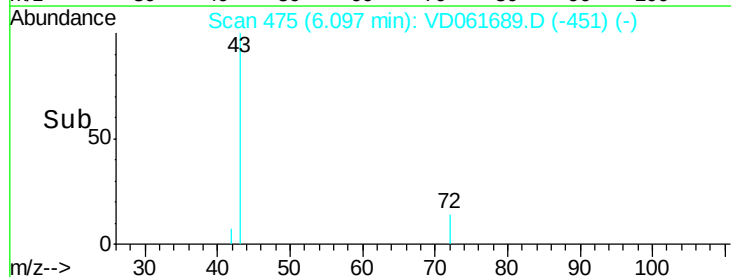
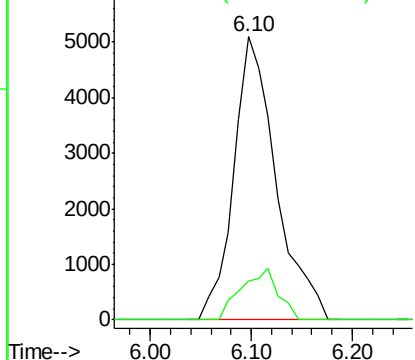


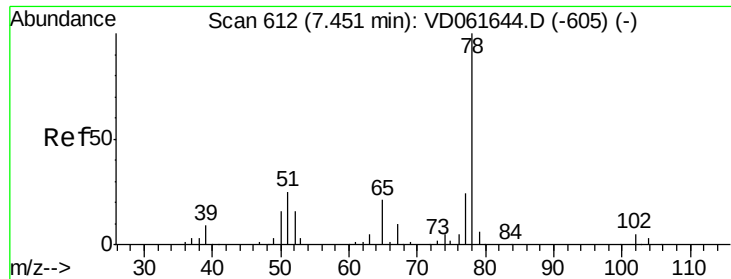
#25
2-Butanone
Concen: 12.322 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.03 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion: 43 Resp: 14873
Ion Ratio Lower Upper
43 100
72 13.9 17.4 26.2#



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

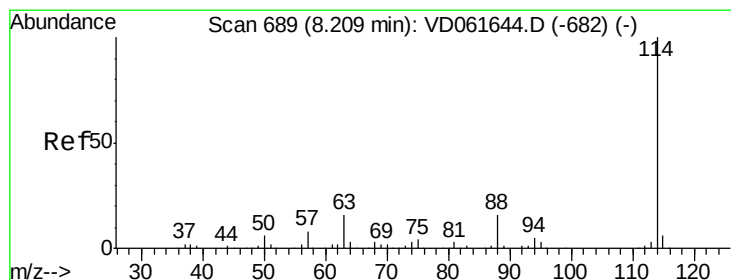
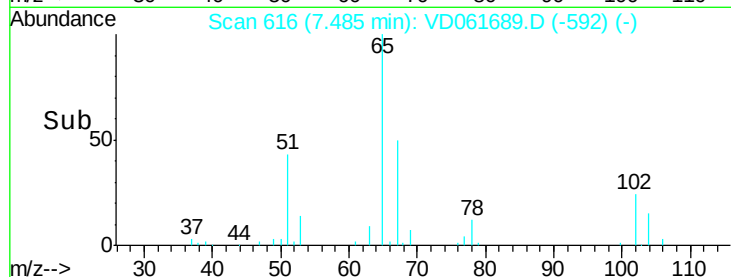
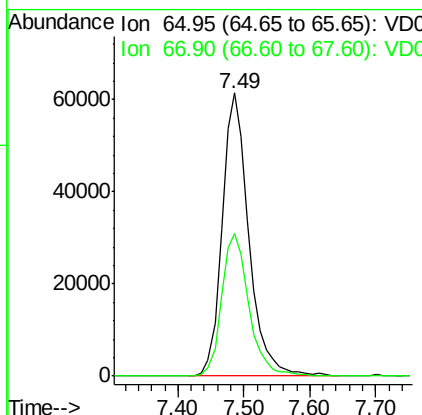
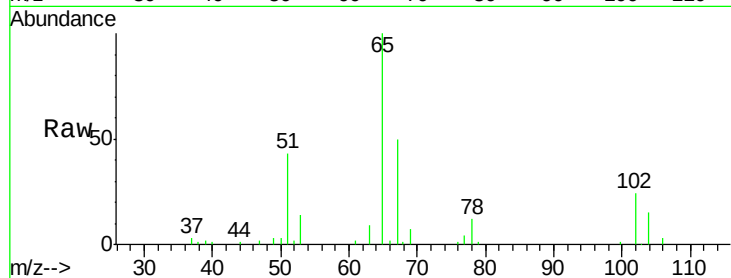




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.49 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

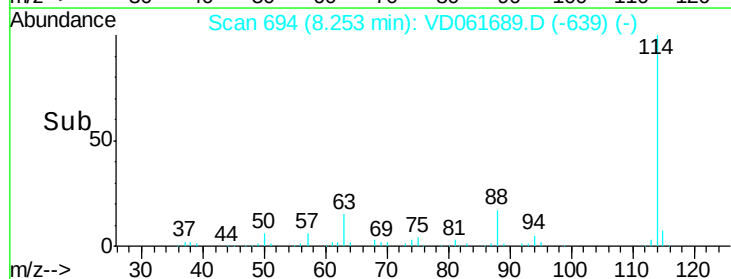
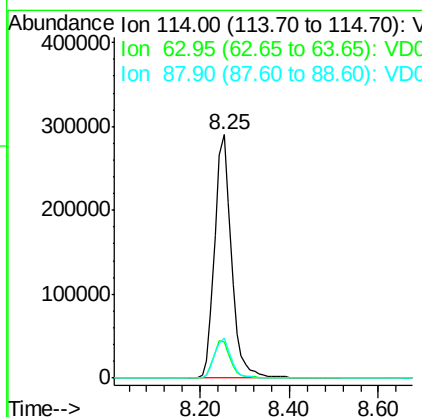
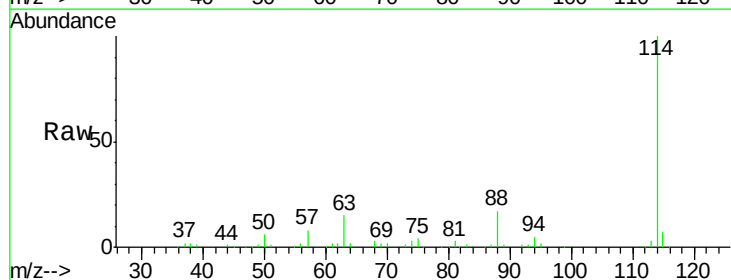
Instrument :
 MSVOA_D
 ClientSampleId :

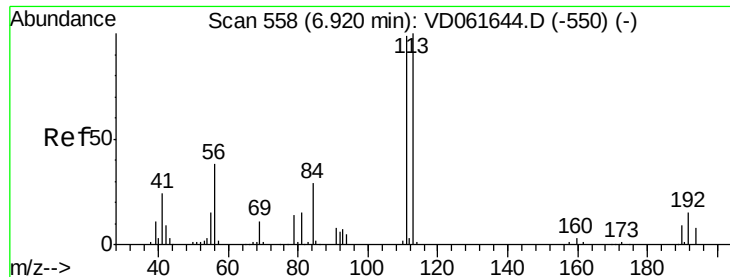
Tot Ion: 65 Resp: 173758
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 694
 Delta R.T. 0.04 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

Tgt Ion: 114 Resp: 756672
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 31.2
 88 16.6 0.0 31.8

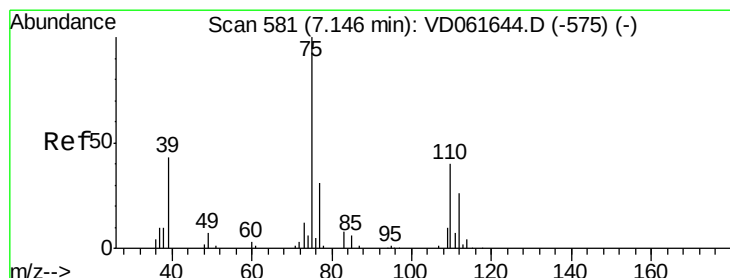
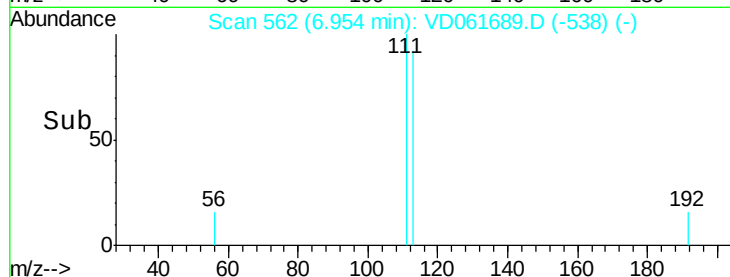
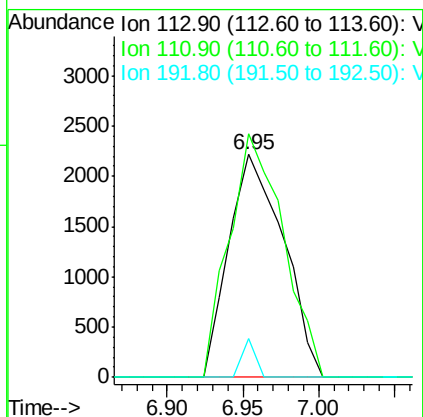
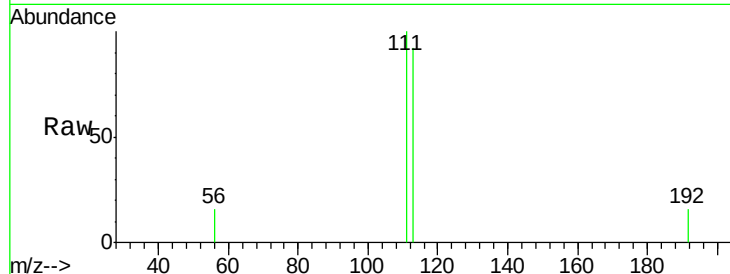




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

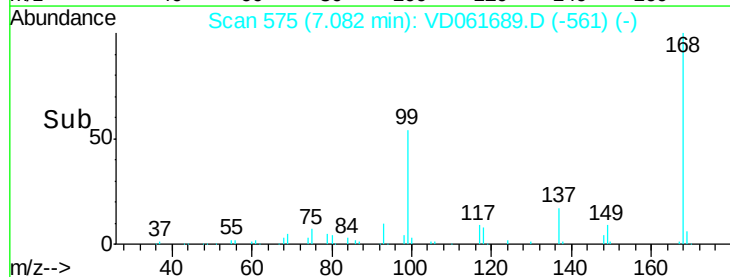
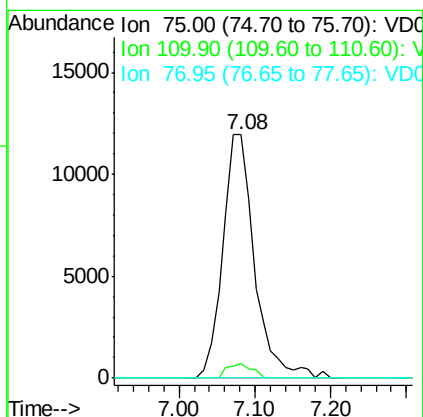
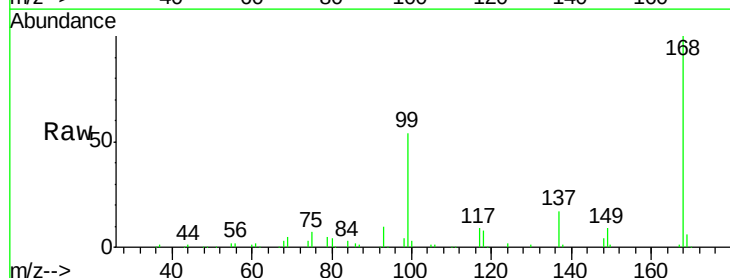
Instrument :
 MSVOA_D
 ClientSampleId :

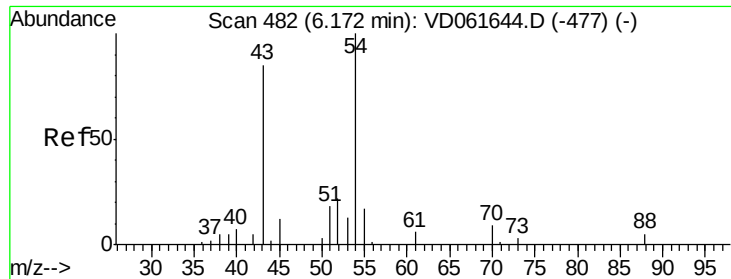
Tot Ion:113 Resp: 5584
 Ion Ratio Lower Upper
 113 100
 111 109.2 79.3 118.9
 192 17.6 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 5.234 ug/l
 RT: 7.08 min Scan# 575
 Delta R.T. -0.06 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

Tgt Ion: 75 Resp: 34658
 Ion Ratio Lower Upper
 75 100
 110 6.2 19.7 59.0#
 77 0.0 24.8 37.2#

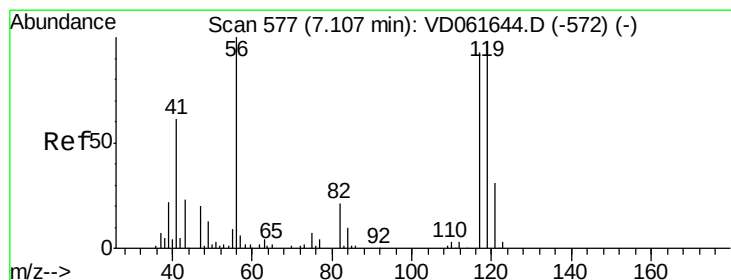
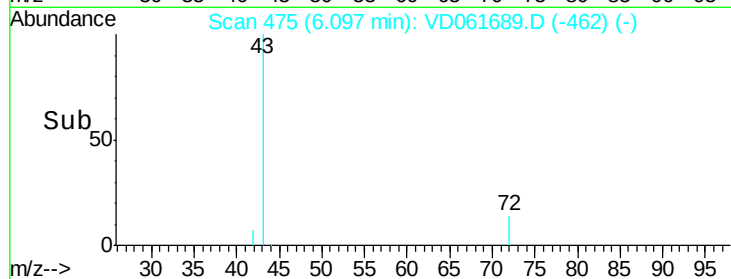
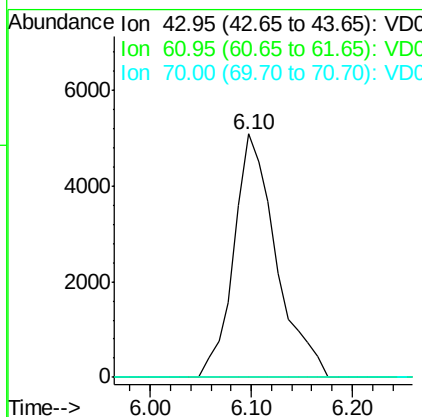
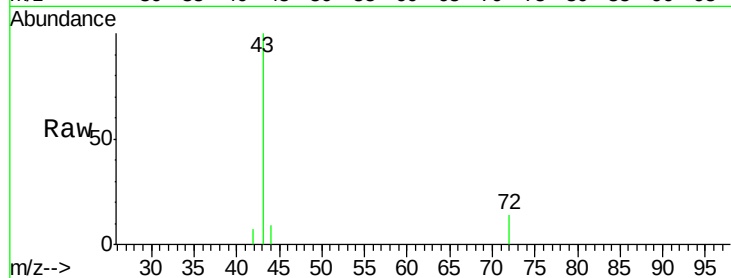




#37
Ethyl Acetate
Concen: 5.514 ug/l
RT: 6.10 min Scan# 475
Delta R.T. -0.07 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

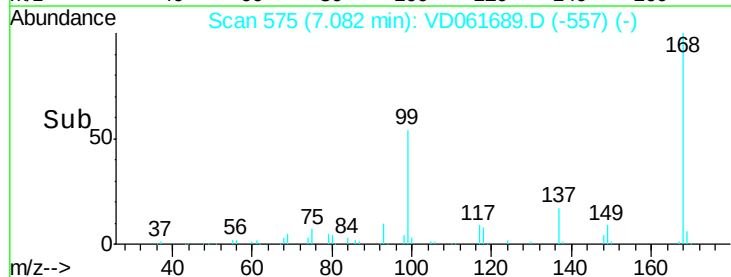
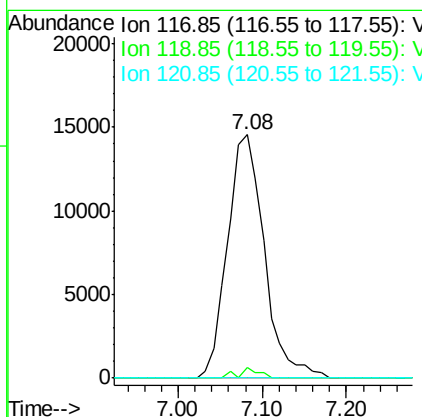
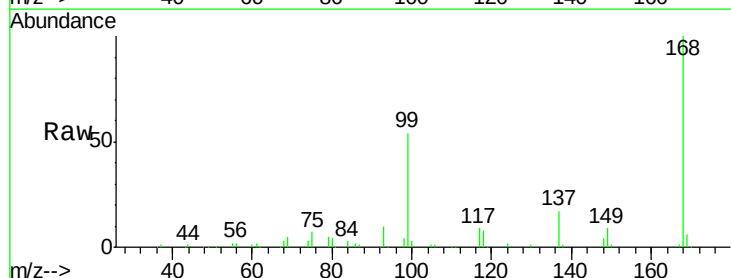
Instrument :
MSVOA_D
ClientSampleId :

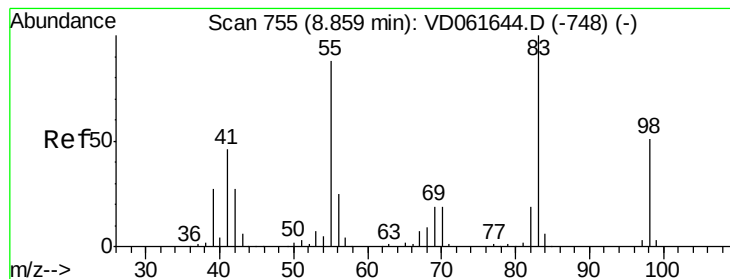
Tot Ion: 43 Resp: 14873
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.08 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion: 117 Resp: 44305
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.7 37.1#





#39

Methylvlcyclohexane

Concen: 2.151 ug/l

RT: 8.89 min Scan# 759

Delta R.T. 0.03 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

ClientSampleId :

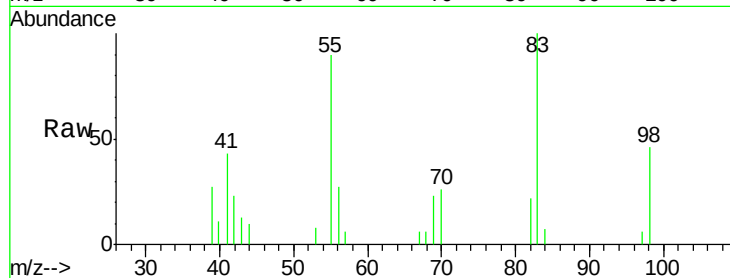
Tot Ion: 83 Resp: 14622

Ion Ratio Lower Upper

83 100

55 89.8 70.3 105.5

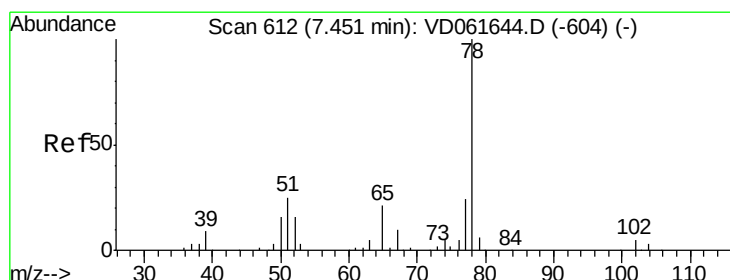
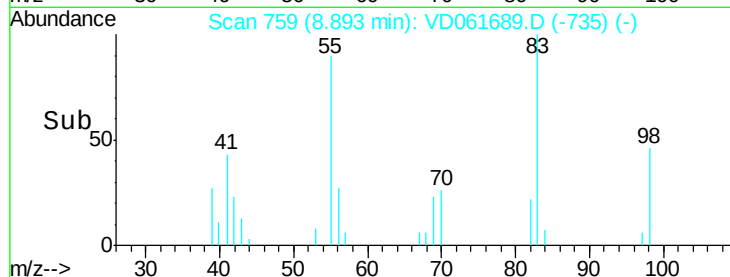
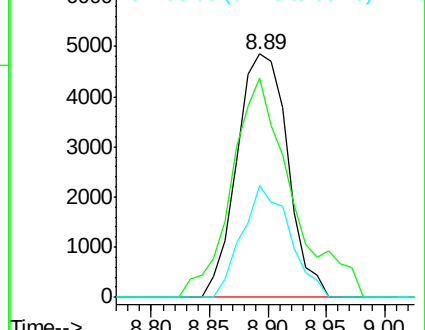
98 46.1 41.0 61.6



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 1.420 ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD061689.D

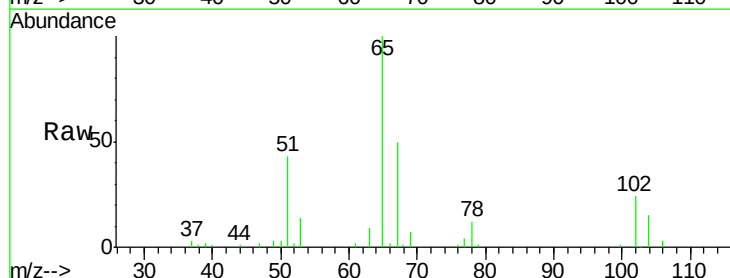
Acq: 9 Apr 2019 21:52

Tgt Ion: 78 Resp: 22691

Ion Ratio Lower Upper

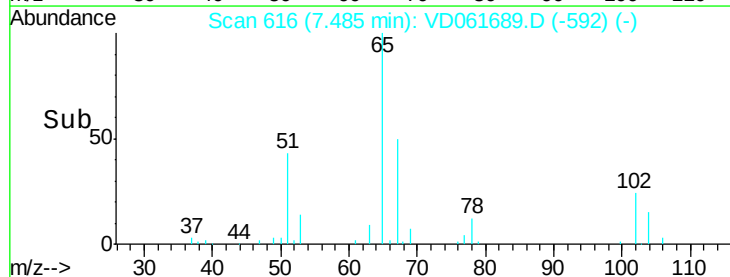
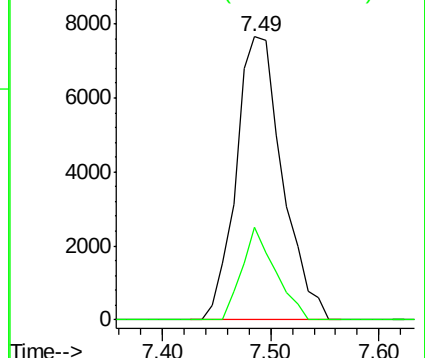
78 100

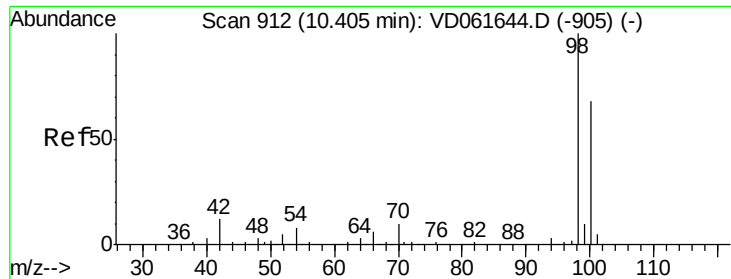
77 32.7 19.5 29.3#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

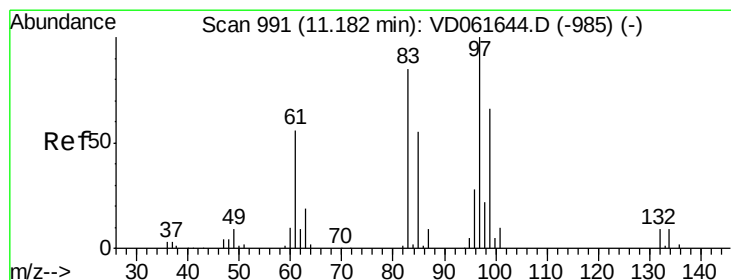
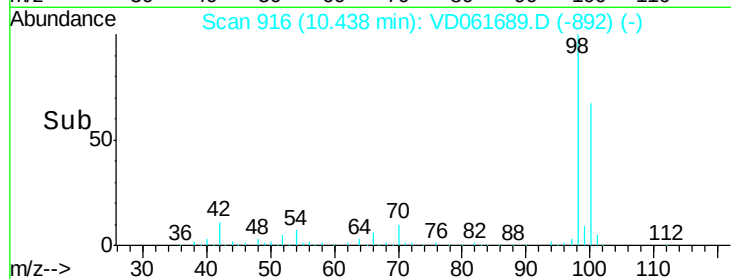
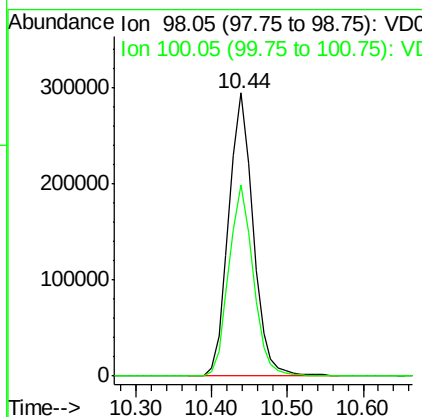
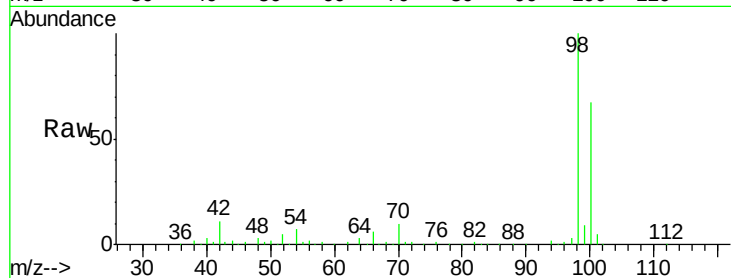




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

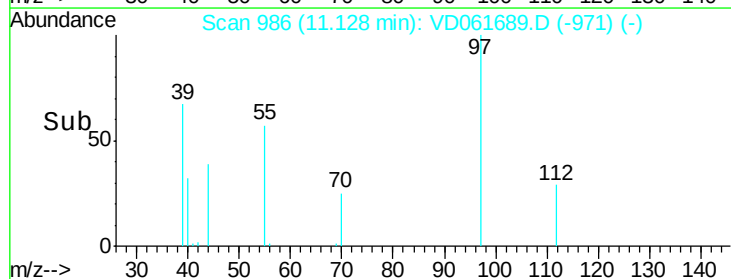
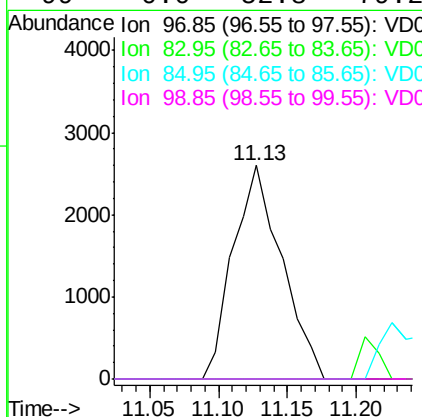
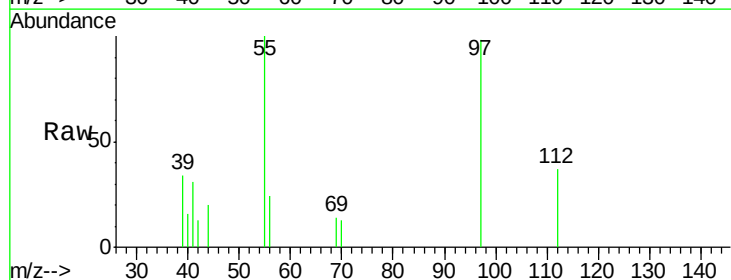
Instrument :
MSVOA_D
ClientSampleId :

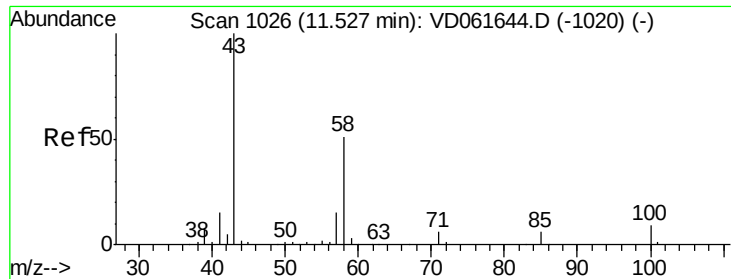
Tot Ion: 98 Resp: 660473
Ion Ratio Lower Upper
98 100
100 67.4 55.4 83.0



#55
1,1,2-Trichloroethane
Concen: 1.902 ug/l
RT: 11.13 min Scan# 986
Delta R.T. -0.05 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion: 97 Resp: 6399
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.6#
85 0.0 43.8 65.8#
99 0.0 52.8 79.2#

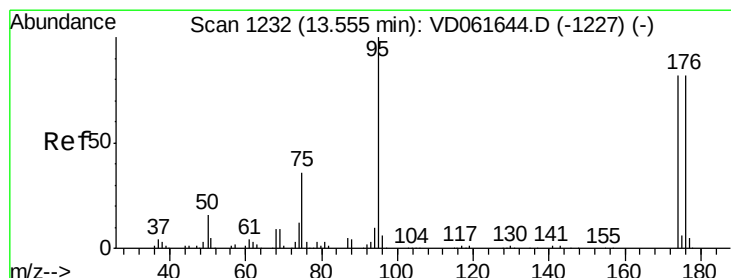
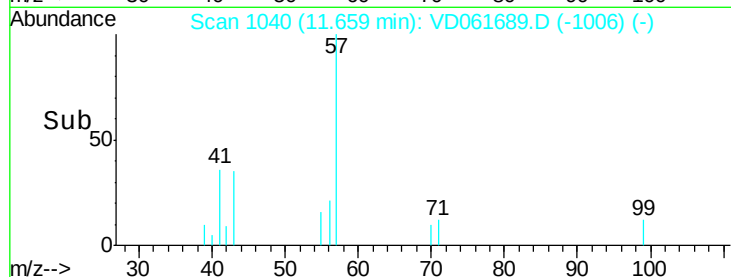
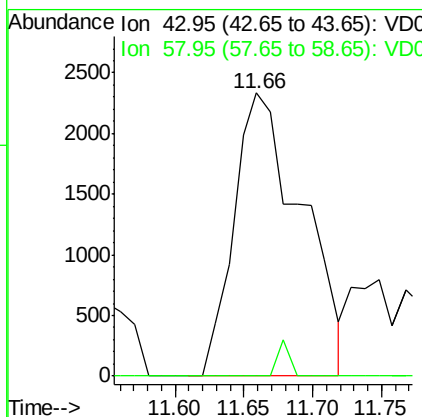
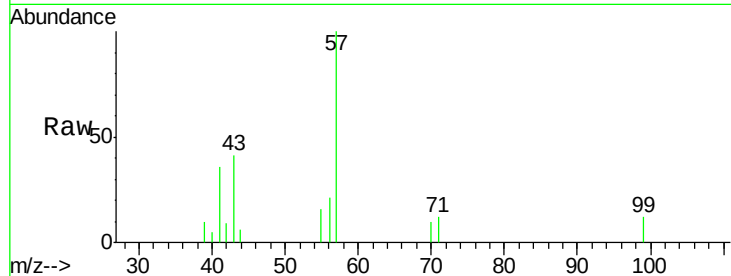




#59
2-Hexanone
Concen: 4.444 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. 0.13 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

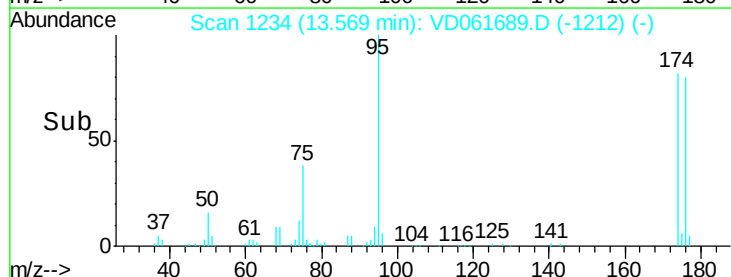
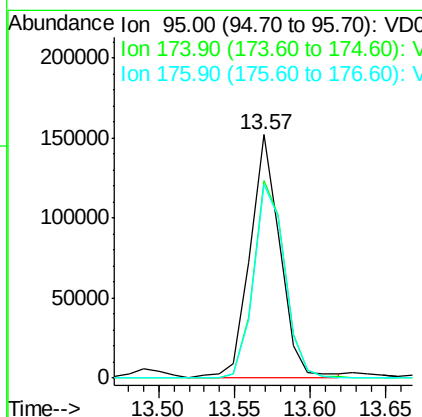
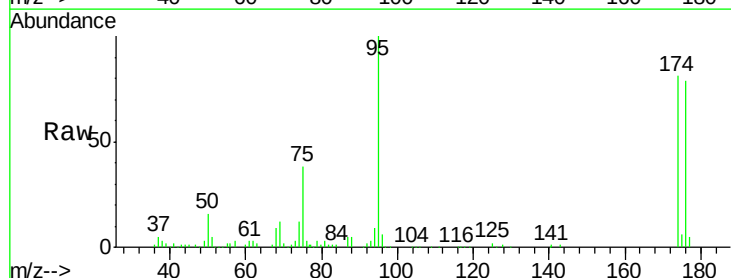
Instrument :
MSVOA_D
ClientSampleID :

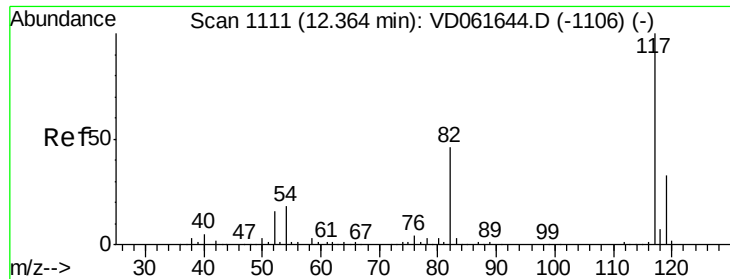
Tot Ion: 43 Resp: 7984
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion: 95 Resp: 207780
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.6
176 79.3 0.0 165.0

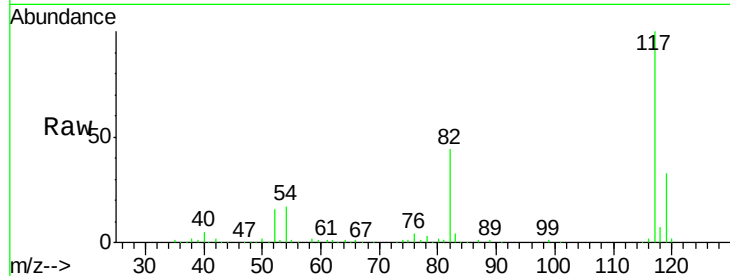




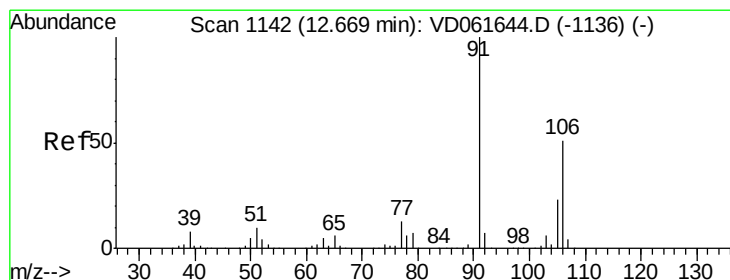
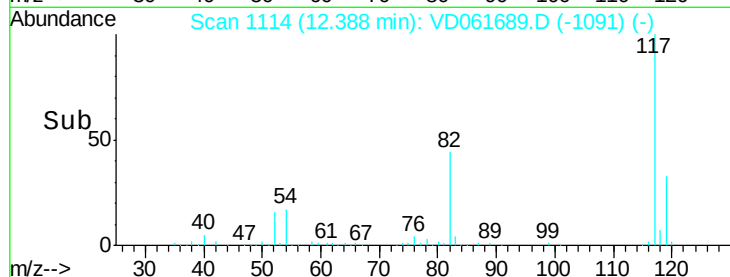
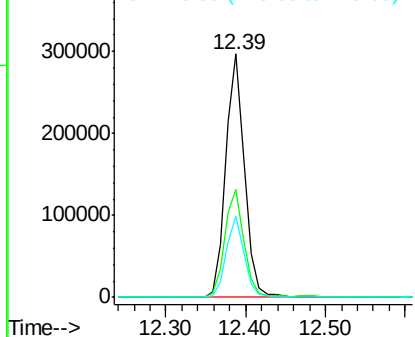
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 491826
Ion Ratio Lower Upper
117 100
82 44.2 36.8 55.2
119 33.4 26.1 39.1

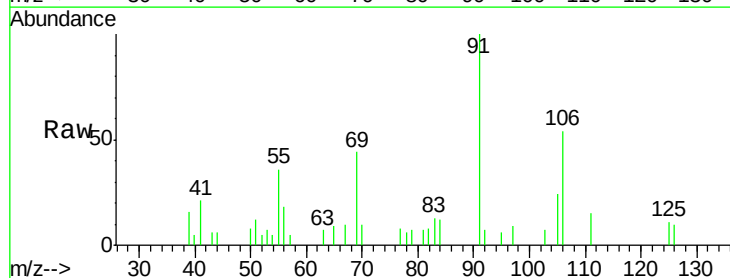


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

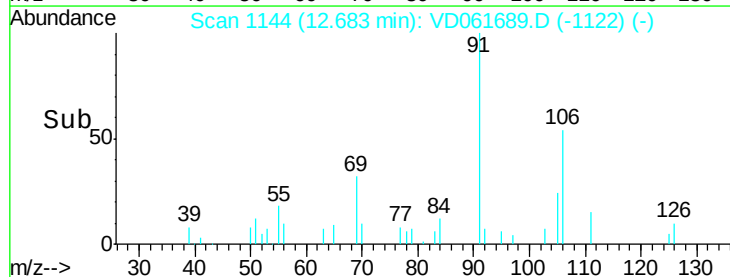
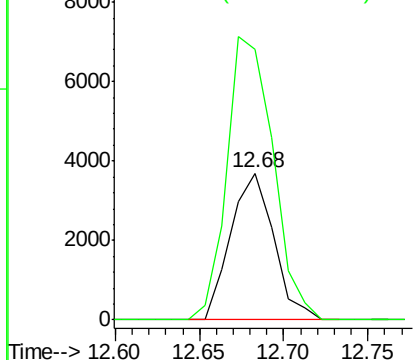


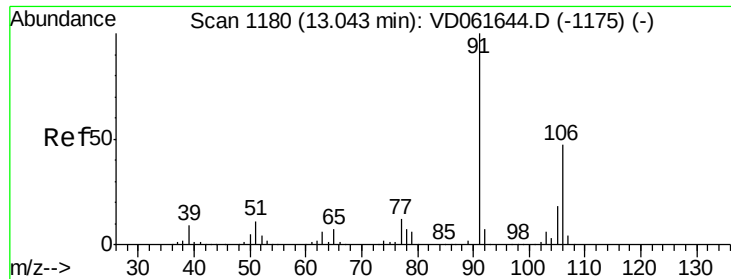
#68
m/p-Xylenes
Concen: 1.148 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion:106 Resp: 6573
Ion Ratio Lower Upper
106 100
91 184.1 156.7 235.1



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

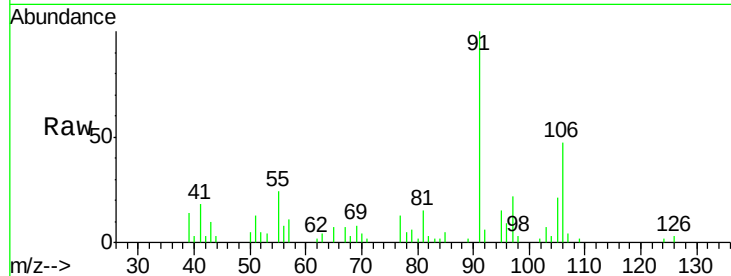




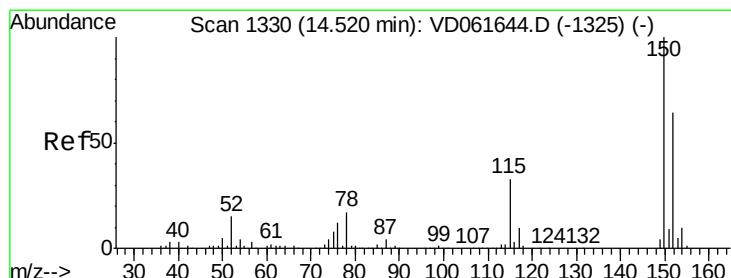
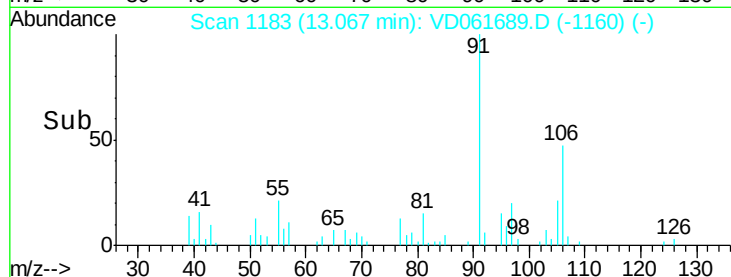
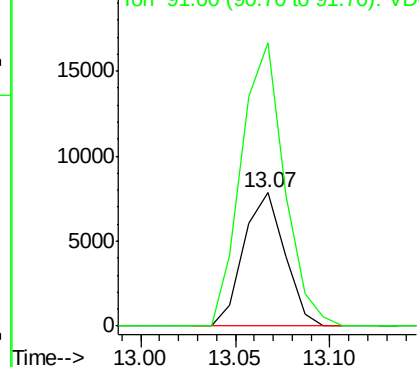
#69
o-Xylene
Concen: 2.125 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 11745
Ion Ratio Lower Upper
106 100
91 212.8 107.3 321.9

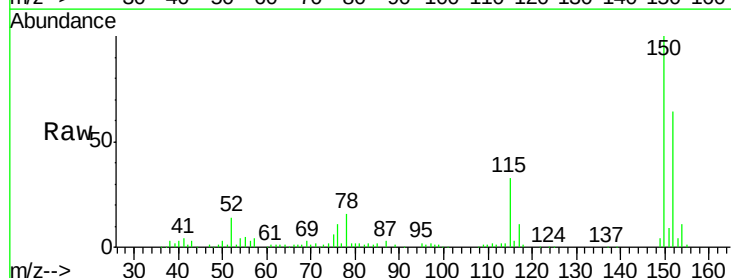


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

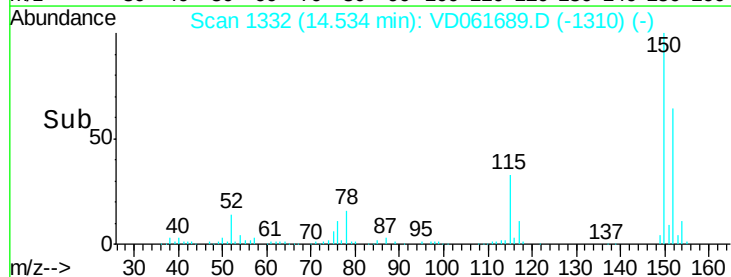
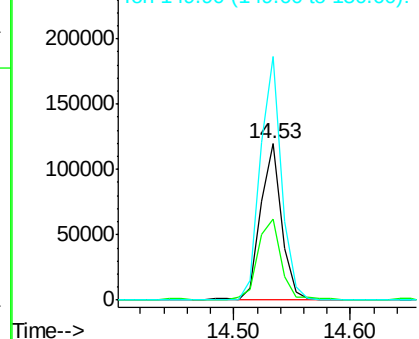


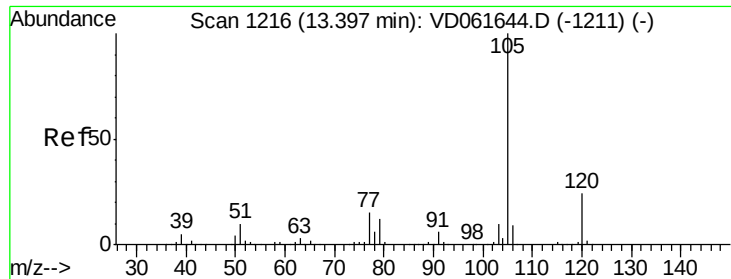
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion:152 Resp: 151032
Ion Ratio Lower Upper
152 100
115 51.6 26.4 79.2
150 155.8 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: 1.940 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

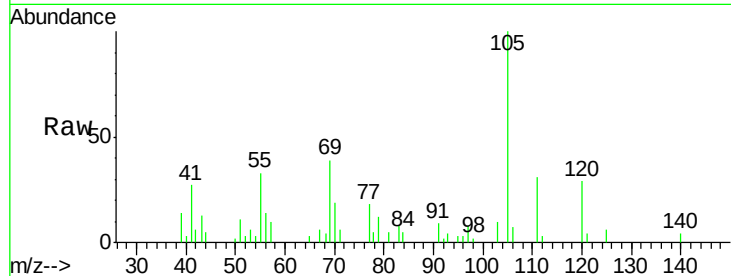
ClientSampled :

Tot Ion:105 Resp: 19523

Ion Ratio Lower Upper

105 100

120 29.1 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

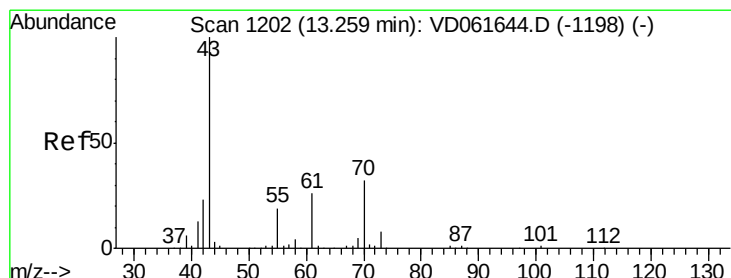
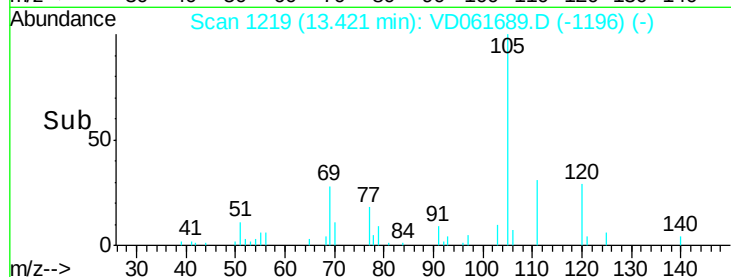
15000

10000

5000

0

Time--> 13.35 13.40 13.45



#74

N-ethyl acetate

Concen: 8.239 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.03 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Tgt Ion: 43 Resp: 22529

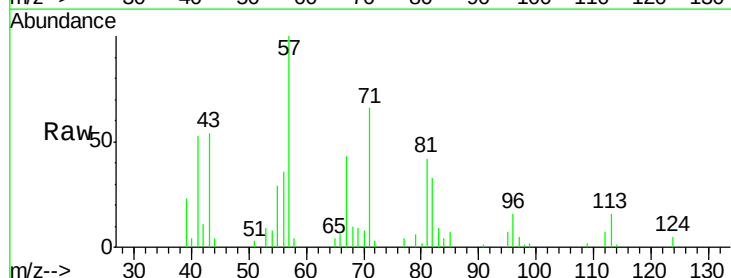
Ion Ratio Lower Upper

43 100

70 14.2 25.4 38.2#

55 53.4 15.0 22.4#

61 0.0 20.9 31.3#



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

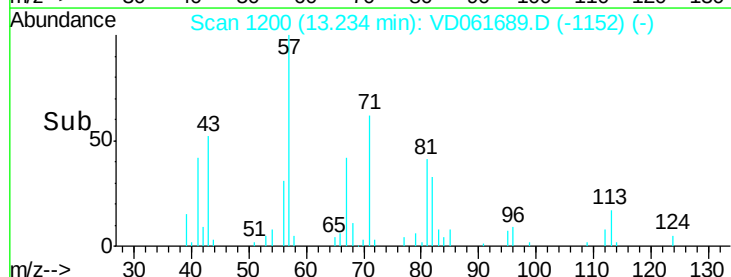
15000

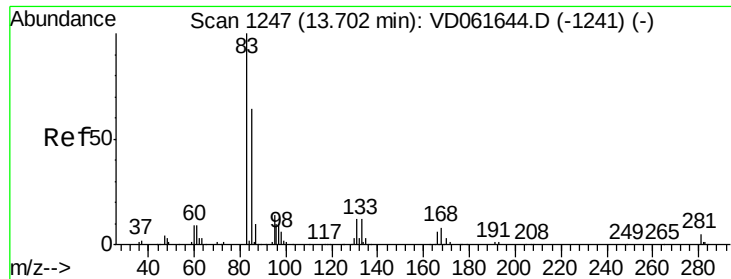
10000

5000

0

Time--> 13.15 13.20 13.25





#75

1,1,2,2-Tetrachloroethane

Concen: 5.781 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.02 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

ClientSampled :

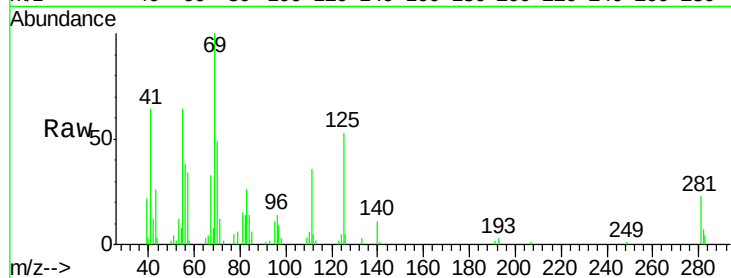
Tot Ion: 83 Resp: 12029

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

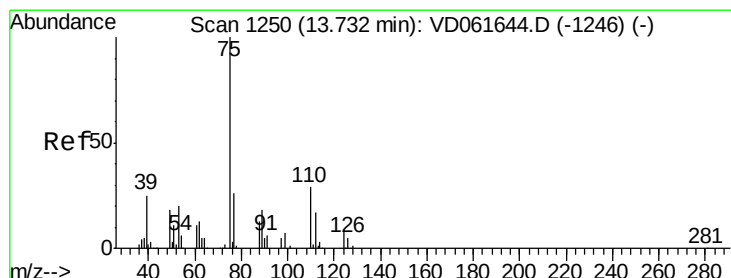
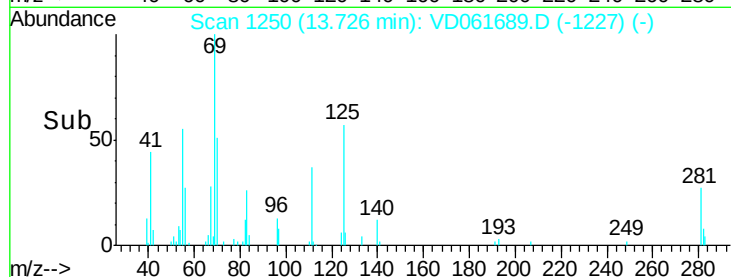
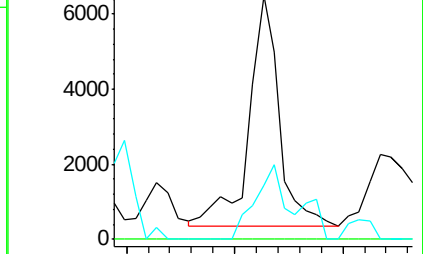
85 22.1 32.0 96.2#



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



#76

1,2,3-Trichloropropane

Concen: 36.479 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD061689.D

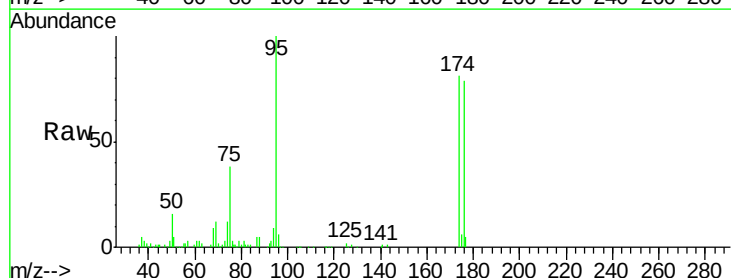
Acq: 9 Apr 2019 21:52

Tgt Ion: 75 Resp: 74956

Ion Ratio Lower Upper

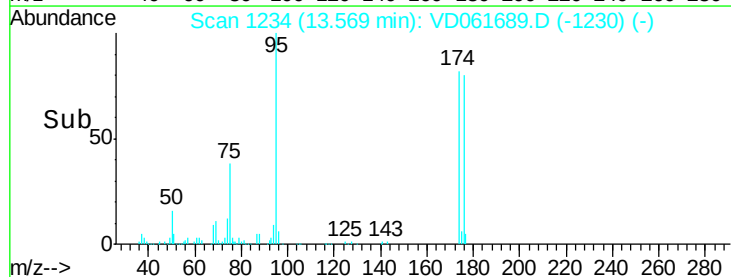
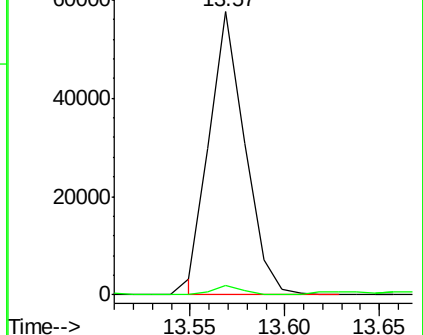
75 100

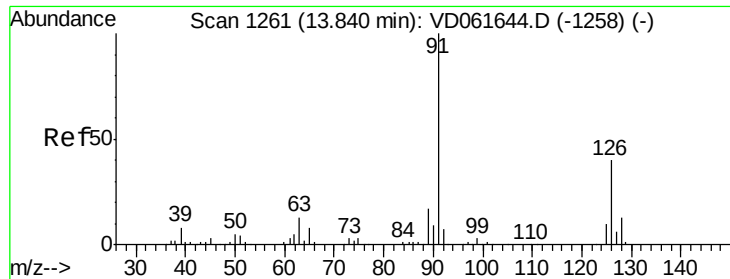
77 3.3 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

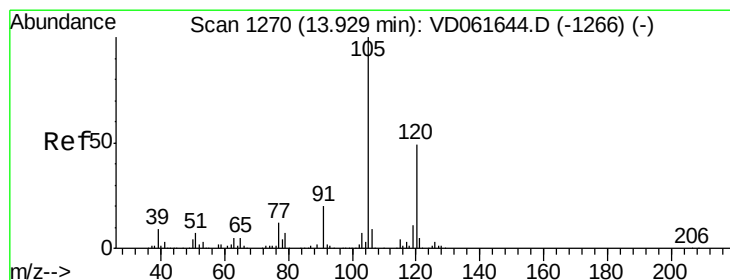
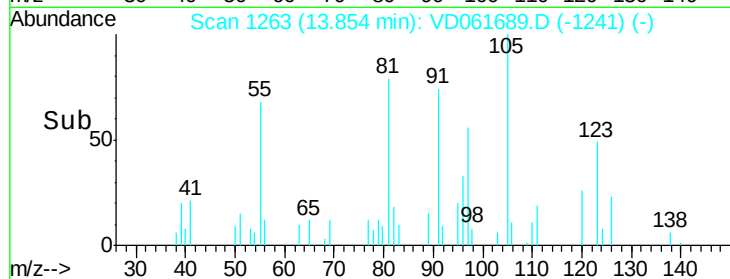
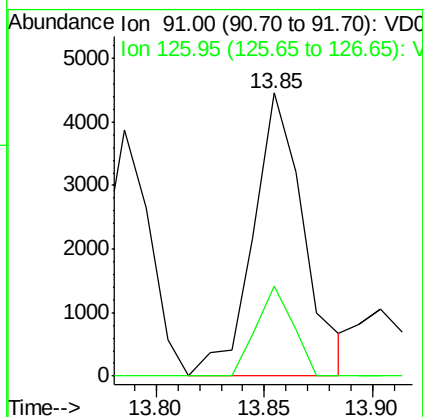
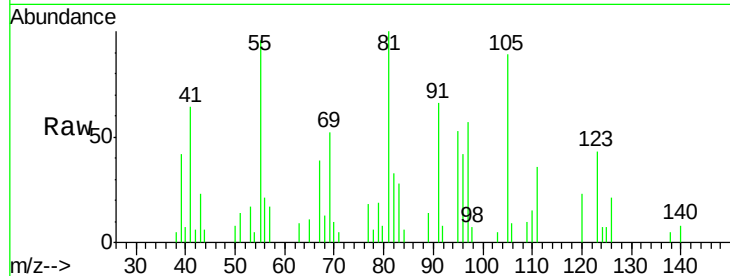




#79
2-Chlorotoluene
Concen: 1.055 ug/l
RT: 13.85 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

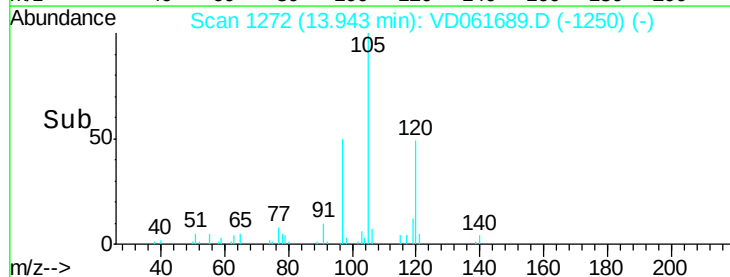
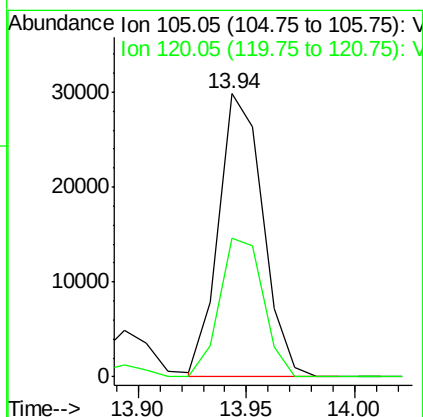
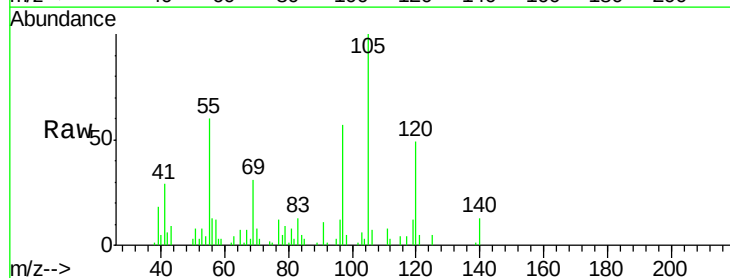
Instrument :
MSVOA_D
ClientSampleId :

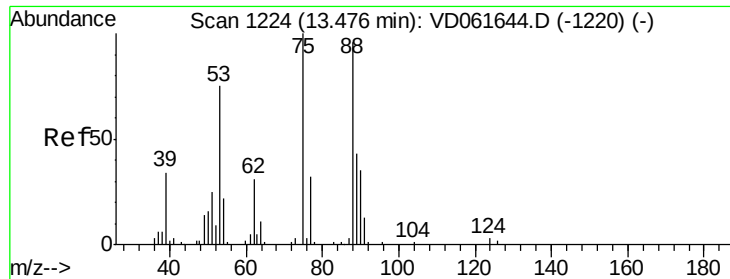
Tot Ion: 91 Resp: 7260
Ion Ratio Lower Upper
91 100
126 31.6 20.0 59.9



#80
1,3,5-Trimethylbenzene
Concen: 5.341 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion: 105 Resp: 42660
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2

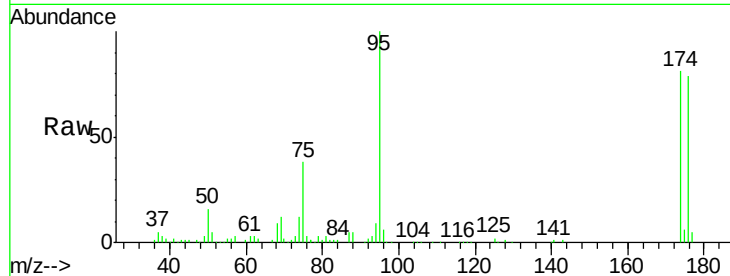




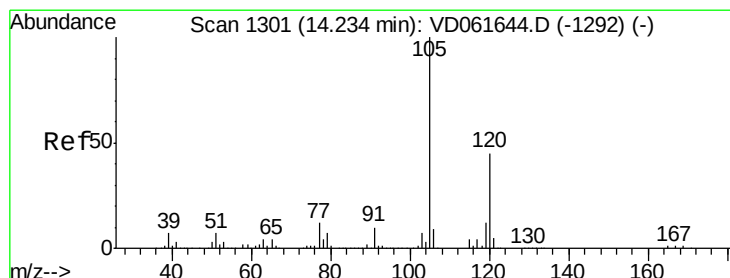
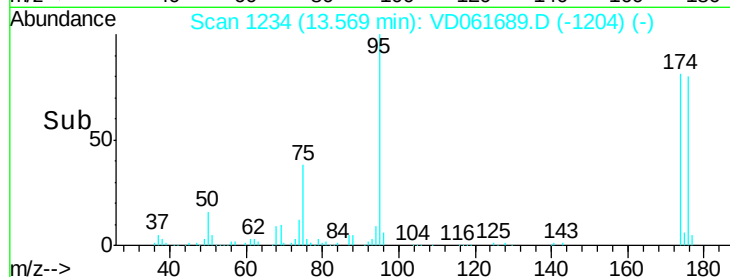
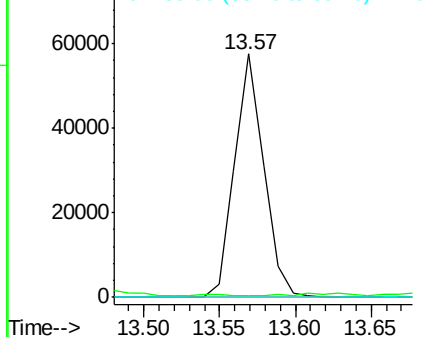
#81
trans-1,4-Dichloro-2-butene
Concen: 123.194 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.09 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 76816
Ion Ratio Lower Upper
75 100
53 0.9 60.2 90.2#
89 0.0 34.2 51.2#

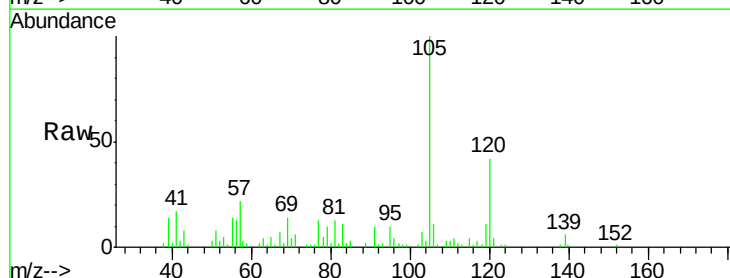


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

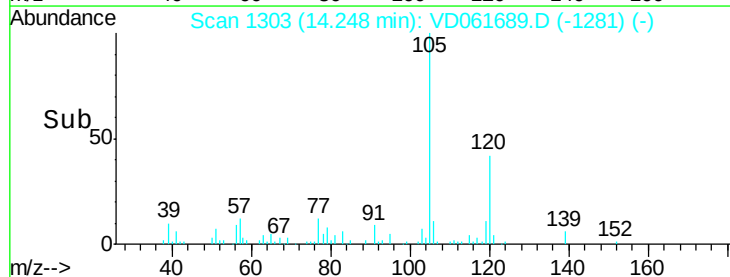
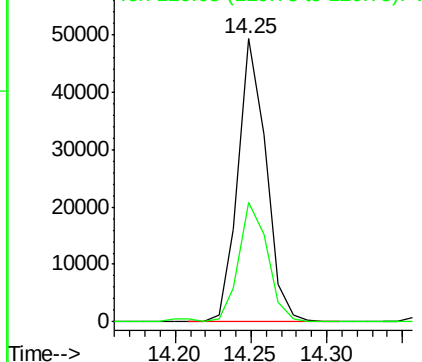


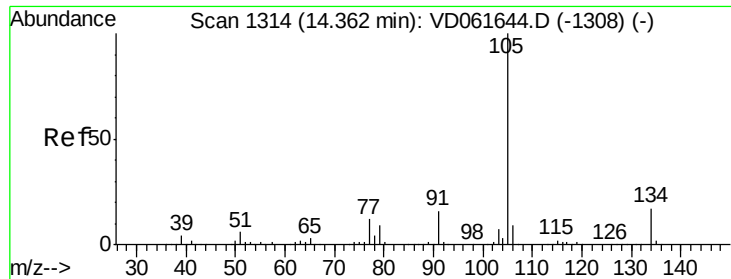
#84
1,2,4-Trimethylbenzene
Concen: 7.838 ug/l
RT: 14.25 min Scan# 1303
Delta R.T. 0.01 min
Lab File: VD061689.D
Acq: 9 Apr 2019 21:52

Tgt Ion:105 Resp: 63185
Ion Ratio Lower Upper
105 100
120 42.3 22.6 67.8



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

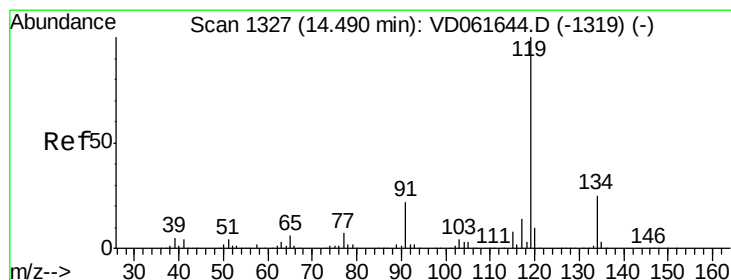
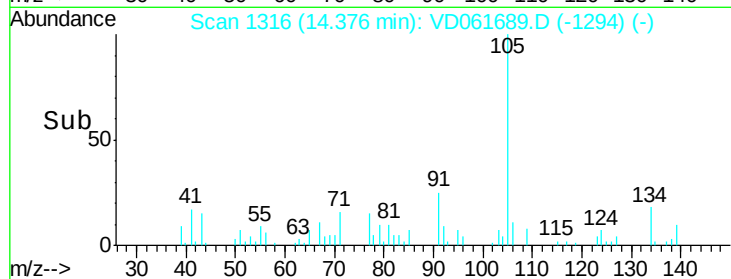
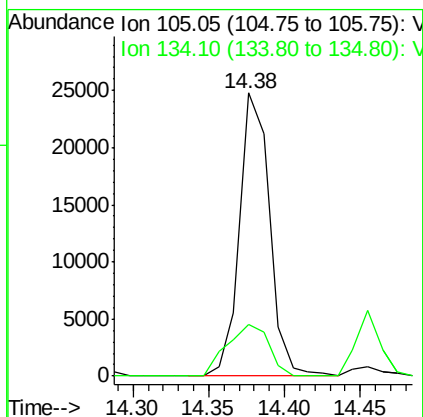
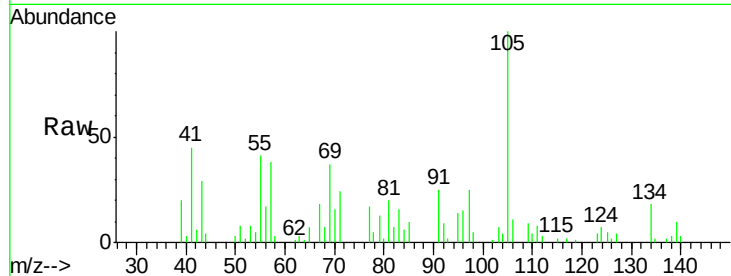




#85
 sec-Butylbenzene
 Concen: 3.296 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

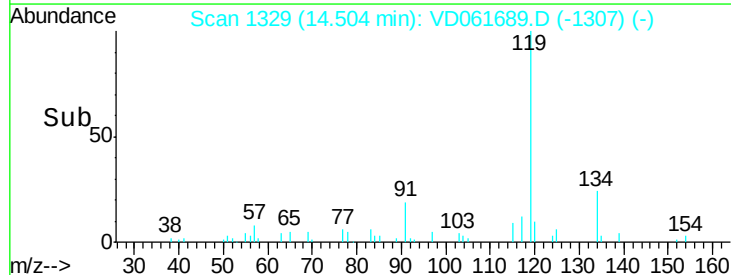
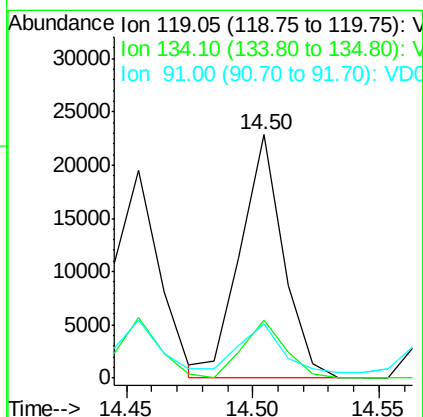
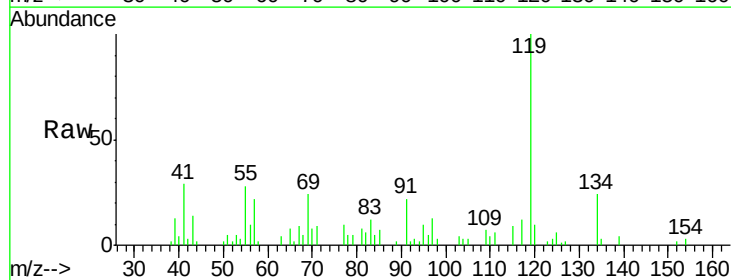
Instrument :
 MSVOA_D
 ClientSampled :

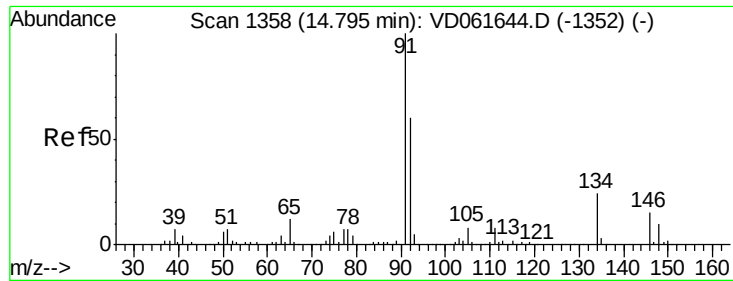
Tot Ion:105 Resp: 34298
 Ion Ratio Lower Upper
 105 100
 134 18.5 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 2.987 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: VD061689.D
 Acq: 9 Apr 2019 21:52

Tgt Ion:119 Resp: 26959
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.5 37.5
 91 22.2 11.0 33.0





#89

n-Butylbenzene

Concen: 2.349 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

ClientSampleId :

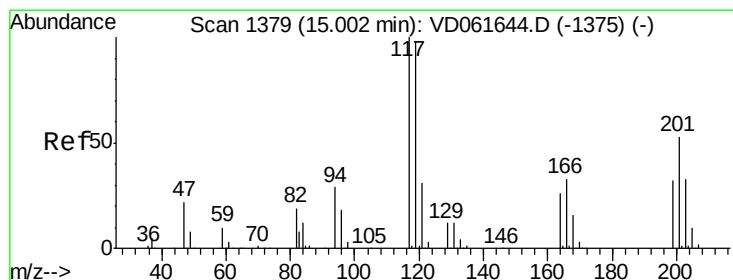
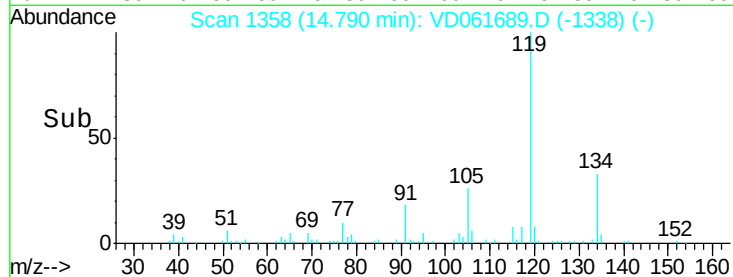
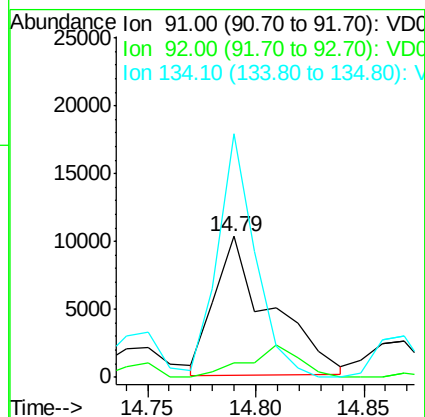
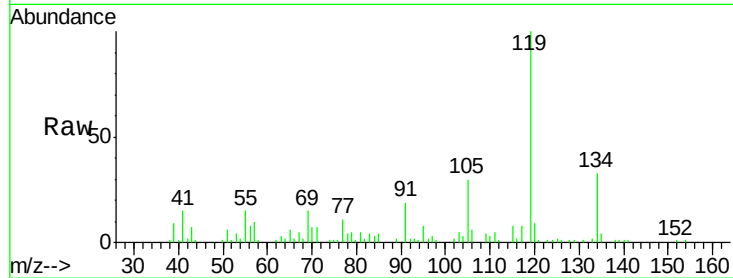
Tot Ion: 91 Resp: 18426

Ion Ratio Lower Upper

91 100

92 10.3 29.8 89.4#

134 172.9 12.2 36.4#



#90

Hexachloroethane

Concen: 1.845 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.02 min

Lab File: VD061689.D

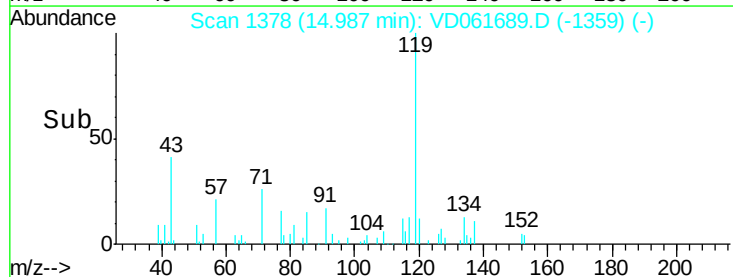
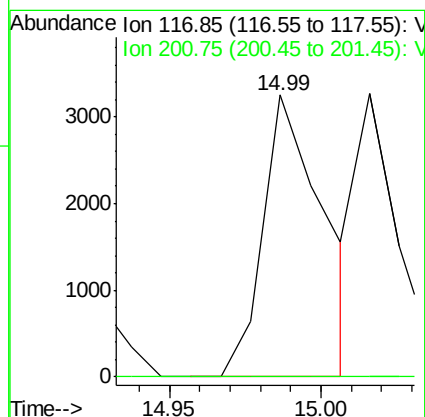
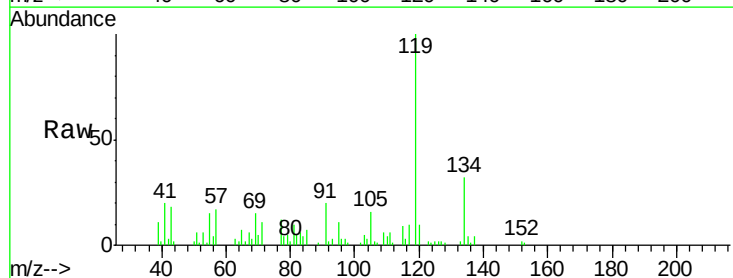
Acq: 9 Apr 2019 21:52

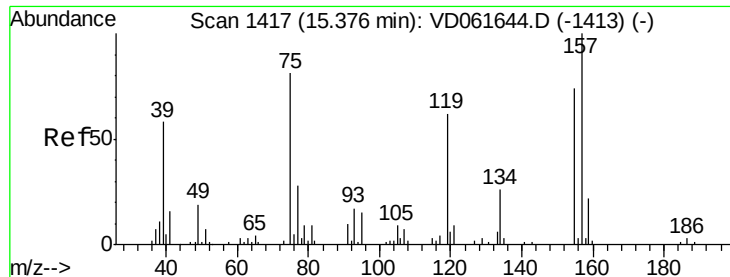
Tgt Ion: 117 Resp: 4520

Ion Ratio Lower Upper

117 100

201 0.0 26.3 78.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.091 ug/l

RT: 15.36 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

Instrument :

MSVOA_D

ClientSampleId :

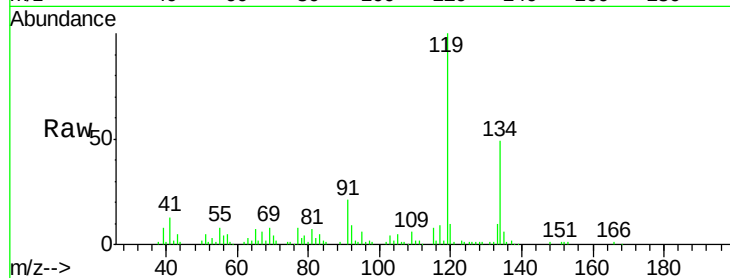
Tot Ion: 75 Resp: 525

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.7#

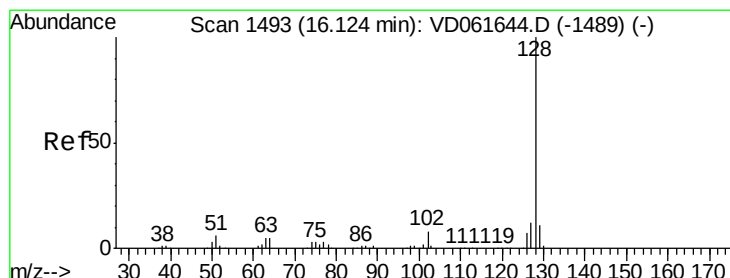
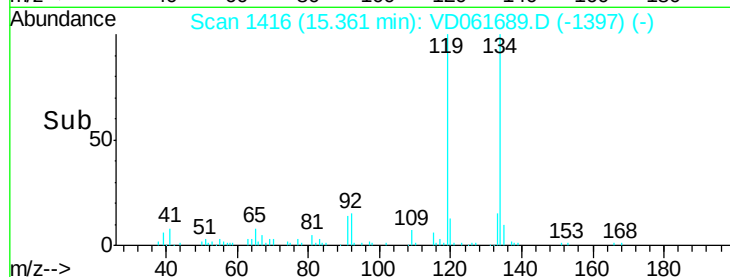
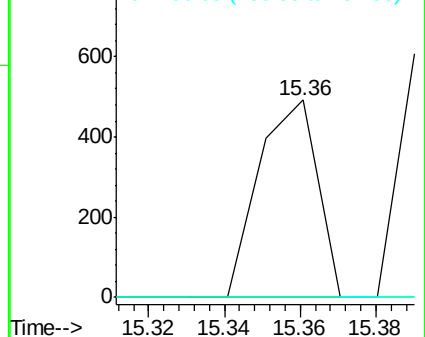
157 0.0 61.4 184.2#



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: 8.838 ug/l

RT: 16.14 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VD061689.D

Acq: 9 Apr 2019 21:52

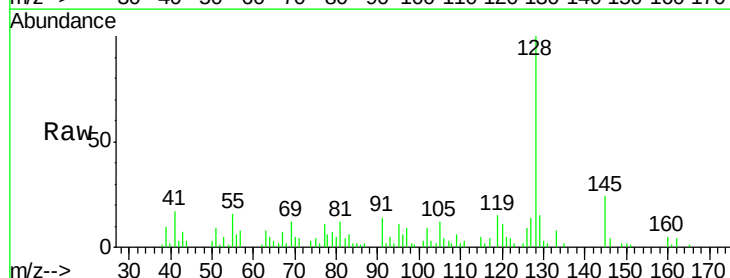
Tgt Ion: 128 Resp: 29518

Ion Ratio Lower Upper

128 100

127 13.8 9.4 14.2

129 15.0 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

