

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061685.D
 Acq On : 9 Apr 2019 20:01
 Operator : VA/AP
 Sample : K2316-02
 Misc : 5.10a/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:56:35 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	344756	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	546469	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	352437	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	80340	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.50	65	175103	67.01	ug/l	0.04
Spiked Amount	50.000		Recovery	=	134.02%	
35) Dibromofluoromethane	6.96	113	262553	69.35	ug/l	0.04
Spiked Amount	50.000		Recovery	=	138.70%	
50) Toluene-d8	10.44	98	493433	51.88	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	13.57	95	119104	33.16	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.32%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.08	59	709	4.048	ug/l #	72
13) Acrolein	3.07	56	477	2.234	ug/l #	60
16) Acetone	3.25	43	82520	105.635	ug/l	96
17) Carbon Disulfide	3.42	76	49049	4.200	ug/l	98
20) Methylene Chloride	3.85	84	22502	5.076	ug/l #	95
25) 2-Butanone	6.11	43	27359	30.380	ug/l	95
29) Tetrahydrofuran	6.12	42	1510	3.473	ug/l #	1
36) 1,1-Dichloropropene	7.08	75	24680	5.160	ug/l #	43
37) Ethyl Acetate	6.11	43	27359	14.045	ug/l #	68
38) Carbon Tetrachloride	7.08	117	32178	5.741	ug/l #	14
40) Benzene	7.50	78	13099	1.135	ug/l	99
51) 4-Methyl-2-Pentanone	10.39	43	18624	11.139	ug/l	88
56) Ethyl methacrylate	11.23	69	3639	1.420	ug/l #	5
59) 2-Hexanone	11.66	43	4711	3.631	ug/l #	27
65) Chlorobenzene	12.42	112	12043	1.723	ug/l	98
67) Ethyl Benzene	12.55	91	12051	1.132	ug/l	98
68) m/p-Xylenes	12.68	106	7059	1.720	ug/l	93
69) o-Xylene	13.07	106	5103	1.288	ug/l	93
73) Isopropylbenzene	13.42	105	57272	10.699	ug/l	99
74) N-amyl acetate	13.23	43	12201	8.389	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.73	83	5263	4.755	ug/l #	85
76) 1,2,3-Trichloropropane	13.57	75	44688	40.885	ug/l #	46
78) n-propylbenzene	13.78	91	12712	1.985	ug/l #	54
79) 2-Chlorotoluene	13.85	91	31990	8.736	ug/l	99
80) 1,3,5-Trimethylbenzene	13.95	105	6078	1.431	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.57	75	45297	136.567	ug/l #	20
83) tert-Butylbenzene	14.21	119	21187	4.136	ug/l	92
84) 1,2,4-Trimethylbenzene	14.25	105	8624	2.011	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.35	75	203	1.520	ug/l #	1
95) Naphthalene	16.14	128	4946	2.784	ug/l #	94

(#) = 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: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

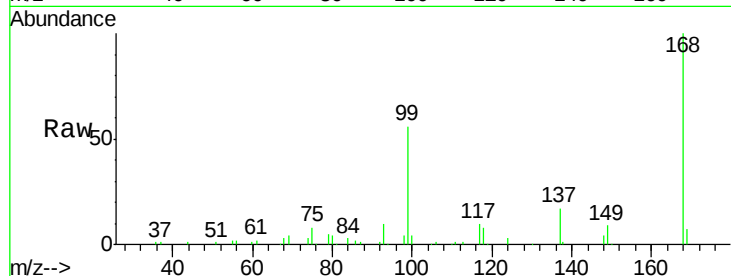
ClientSampleId :

Tot Ion:168 Resp: 344756

Ion Ratio Lower Upper

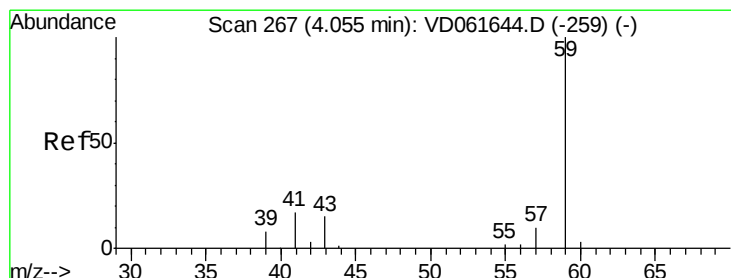
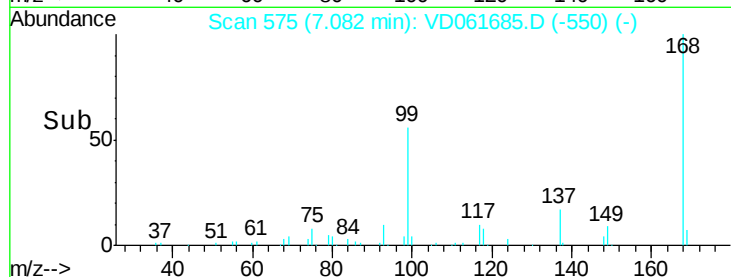
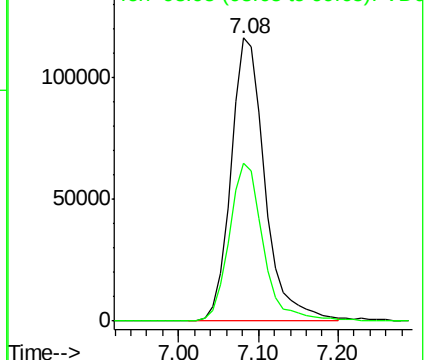
168 100

99 55.8 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: 4.048 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.02 min

Lab File: VD061685.D

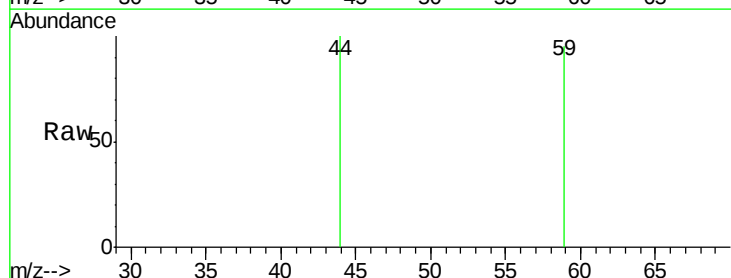
Acq: 9 Apr 2019 20:01

Tgt Ion: 59 Resp: 709

Ion Ratio Lower Upper

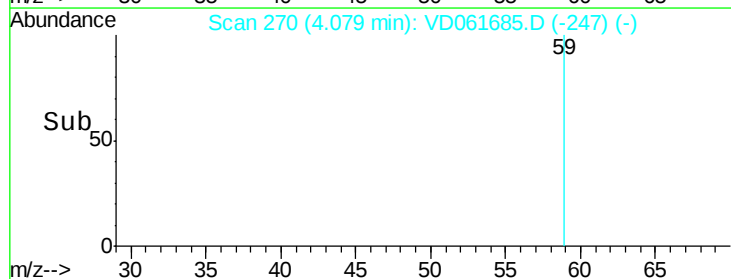
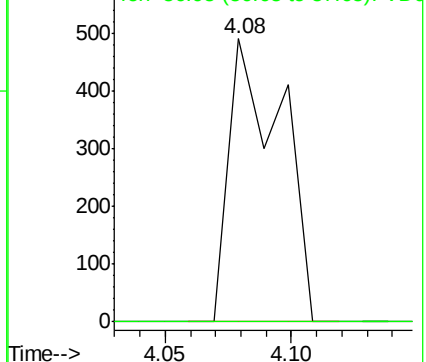
59 100

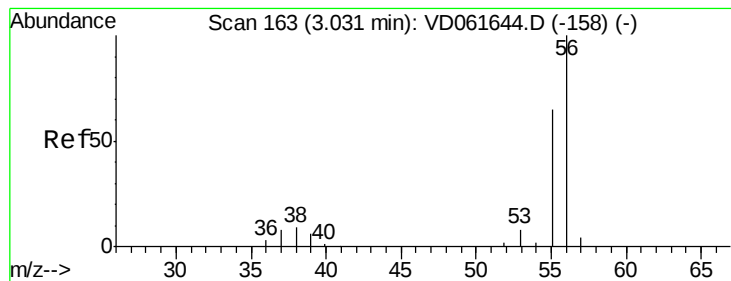
57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 2.234 ug/l

RT: 3.07 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

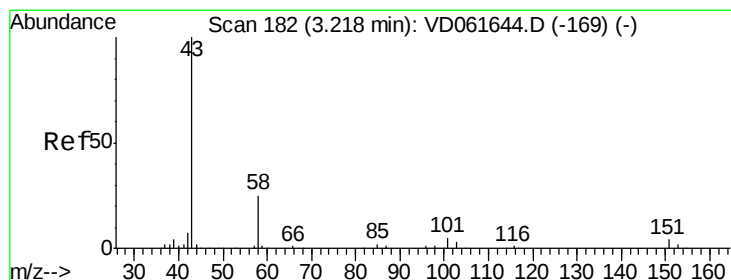
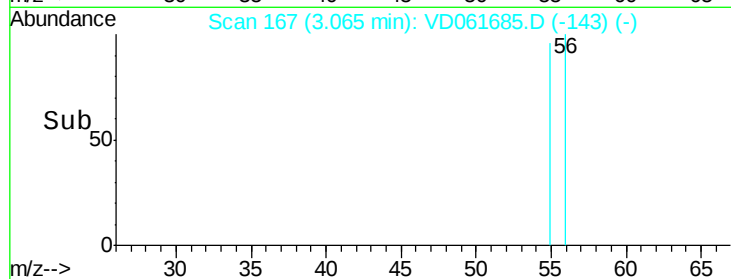
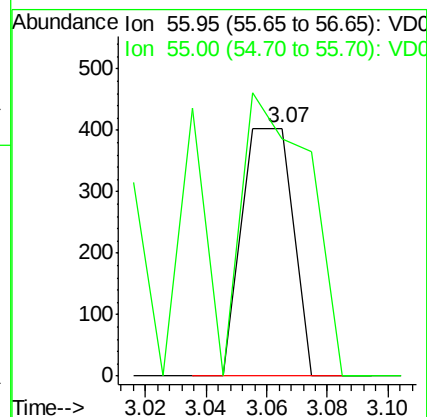
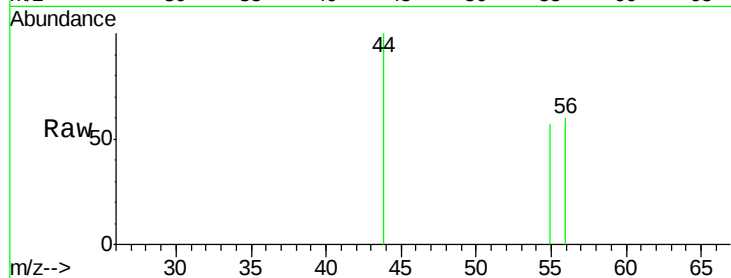
ClientSampled :

Tot Ion: 56 Resp: 477

Ion Ratio Lower Upper

56 100

55 95.8 51.8 77.6#



#16

Acetone

Concen: 105.635 ug/l

RT: 3.25 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061685.D

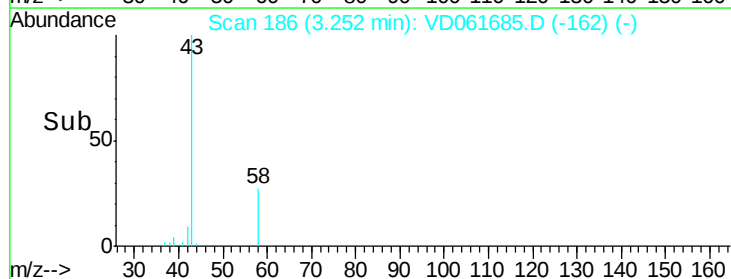
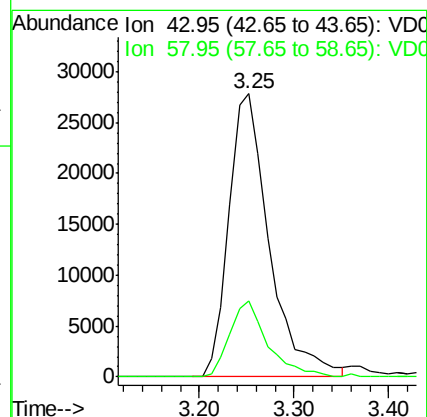
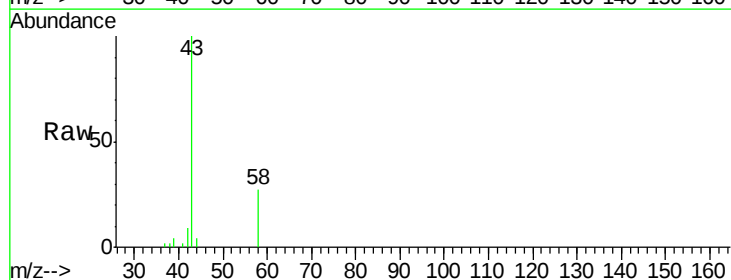
Acq: 9 Apr 2019 20:01

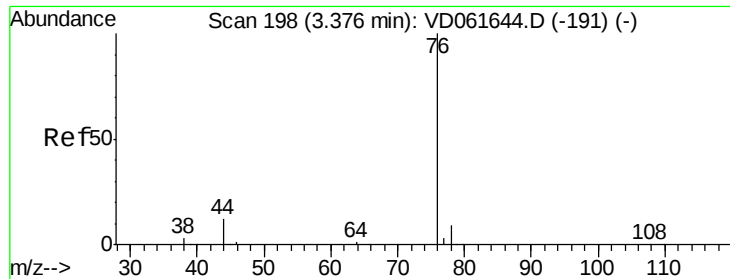
Tgt Ion: 43 Resp: 82520

Ion Ratio Lower Upper

43 100

58 26.8 19.7 29.5





#17

Carbon Disulfide

Concen: 4.200 ug/l

RT: 3.42 min Scan# 203

Delta R.T. 0.04 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

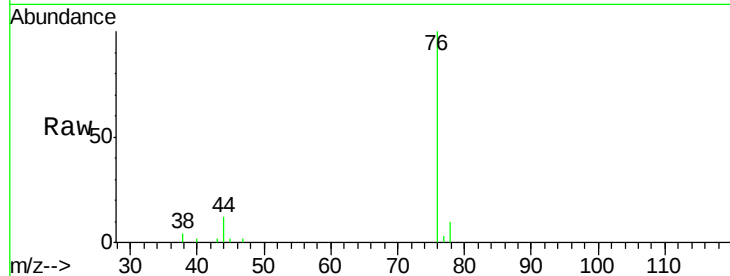
ClientSampleId :

Tot Ion: 76 Resp: 49049

Ion Ratio Lower Upper

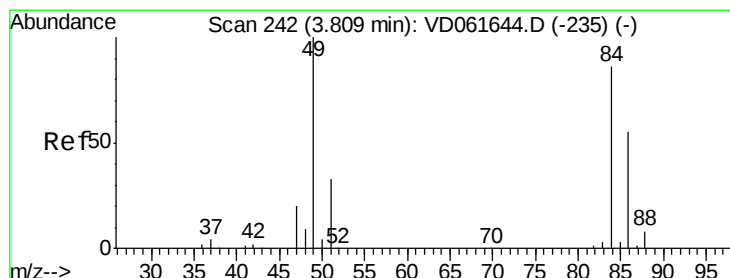
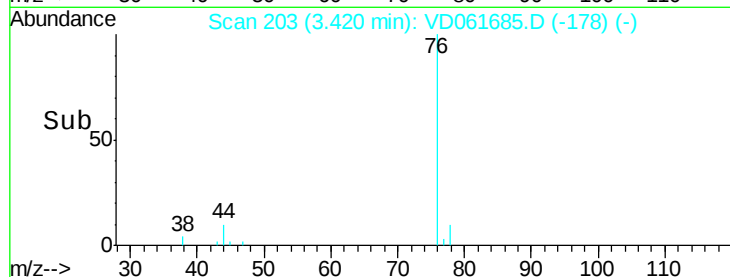
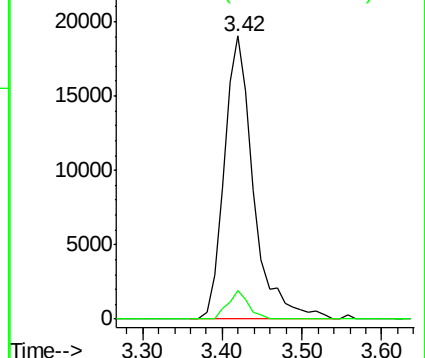
76 100

78 10.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 5.076 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.04 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Tgt Ion: 84 Resp: 22502

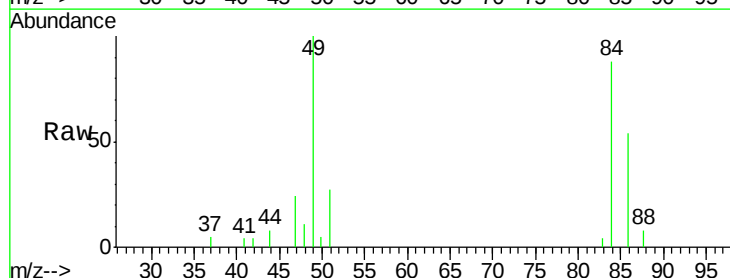
Ion Ratio Lower Upper

84 100

49 113.1 93.0 139.4

51 30.1 30.4 45.6#

86 60.9 51.0 76.4

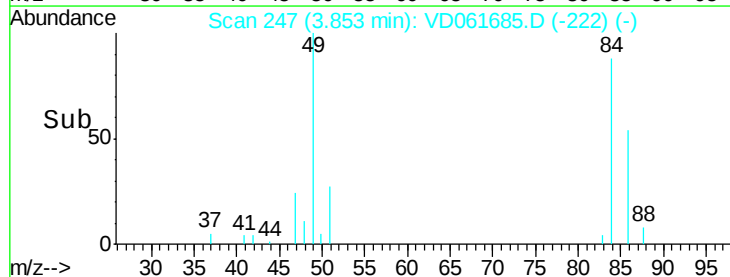
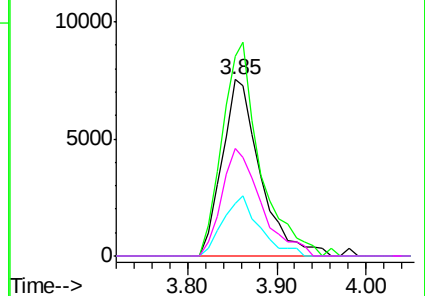


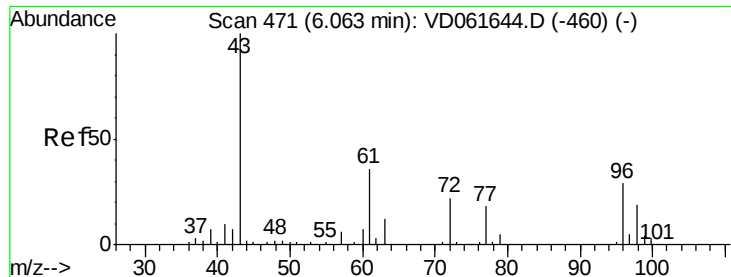
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 30.380 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.04 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

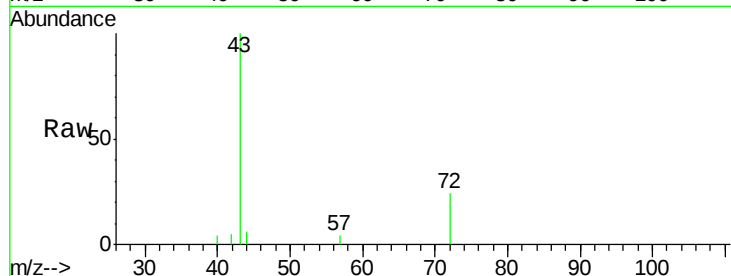
ClientSampleId :

Tot Ion: 43 Resp: 27359

Ion Ratio Lower Upper

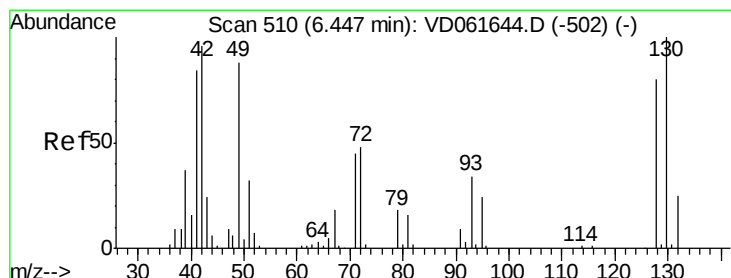
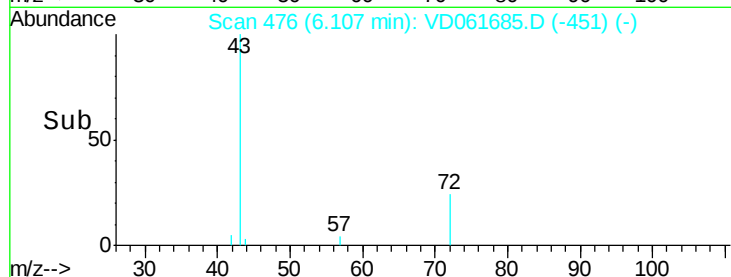
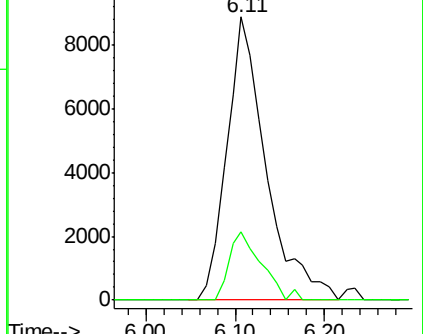
43 100

72 24.3 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: 3.473 ug/l

RT: 6.12 min Scan# 477

Delta R.T. -0.33 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

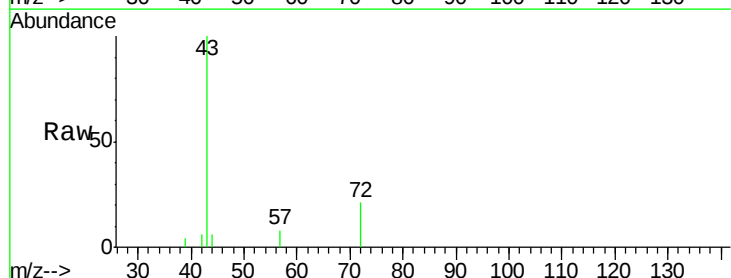
Tgt Ion: 42 Resp: 1510

Ion Ratio Lower Upper

42 100

72 360.4 37.0 55.6#

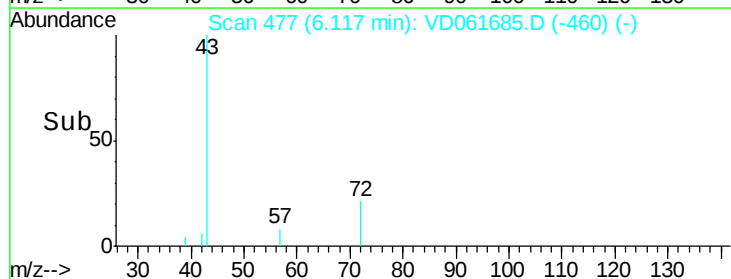
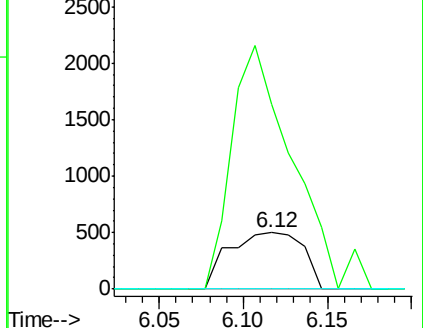
71 0.0 36.5 54.7#

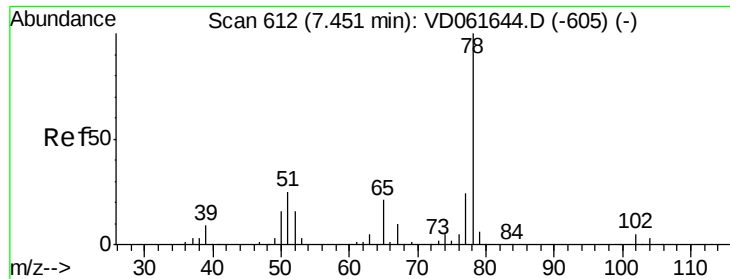


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

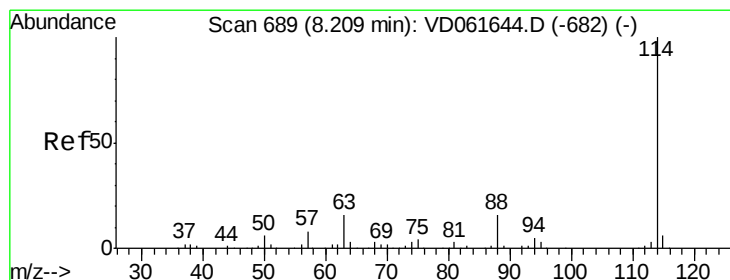
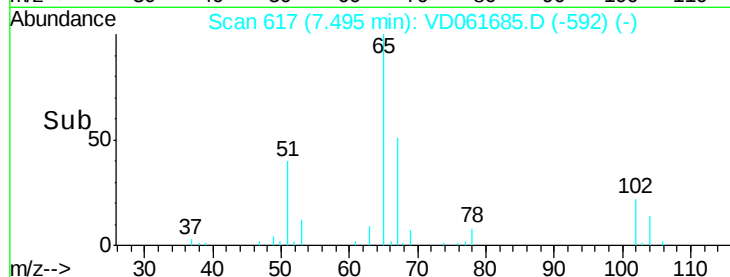
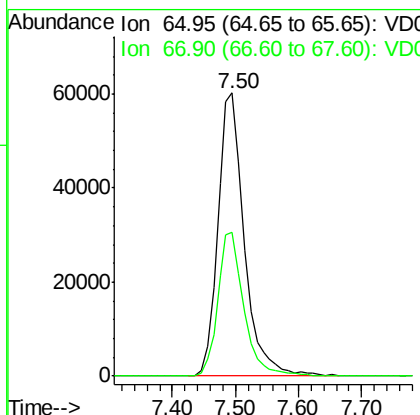
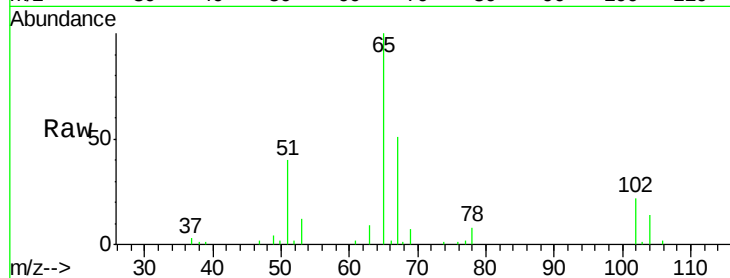




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.50 min Scan# 617
 Delta R.T. 0.04 min
 Lab File: VD061685.D
 Acq: 9 Apr 2019 20:01

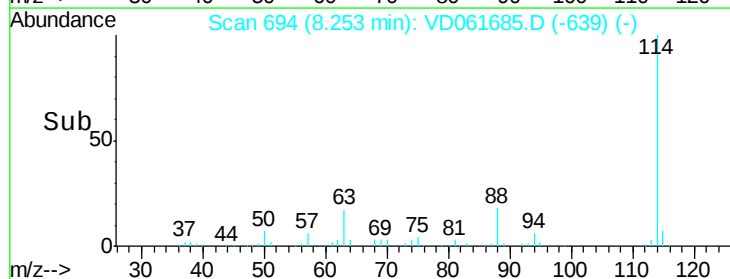
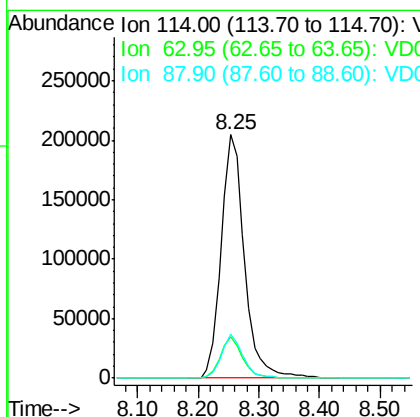
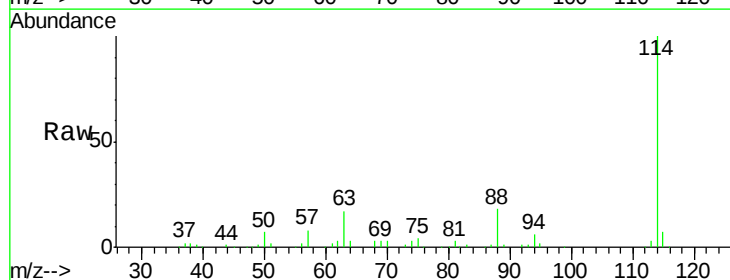
Instrument :
 MSVOA_D
 ClientSampleId :

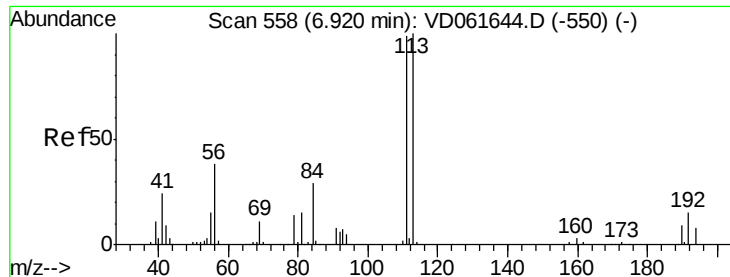
Tot Ion: 65 Resp: 175103
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 694
 Delta R.T. 0.04 min
 Lab File: VD061685.D
 Acq: 9 Apr 2019 20:01

Tgt Ion: 114 Resp: 546469
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.2
 88 18.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.96 min Scan# 563

Delta R.T. 0.04 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :
MSVOA_D
ClientSampled :

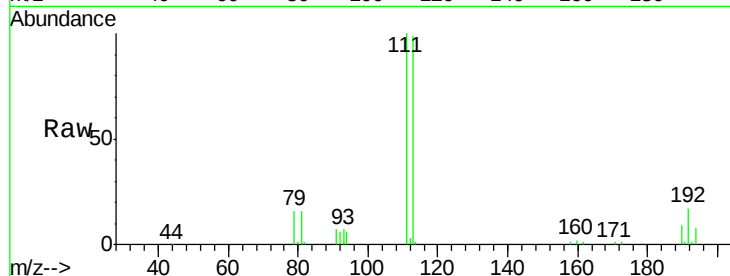
Tot Ion:113 Resp: 262553

Ion Ratio Lower Upper

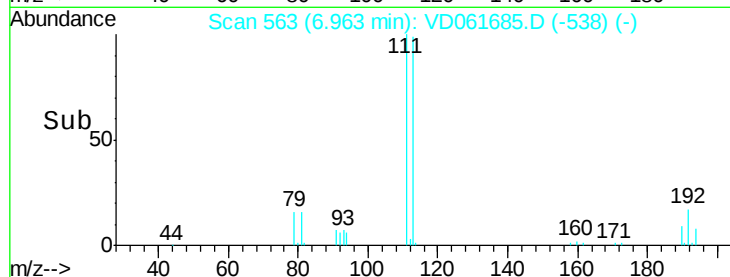
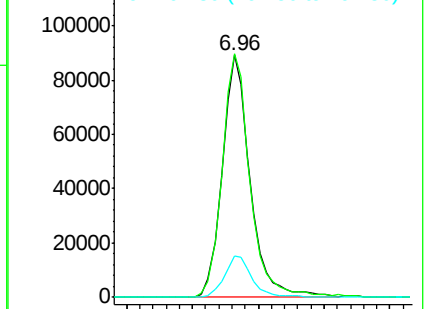
113 100

111 100.6 79.3 118.9

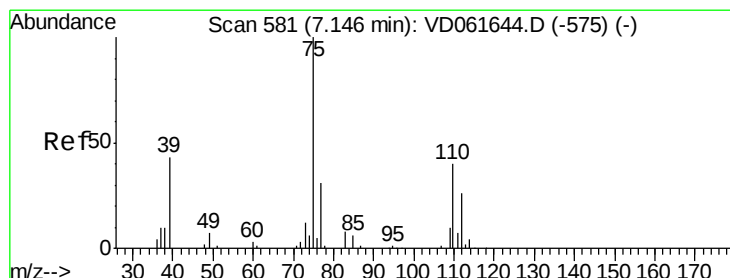
192 17.2 12.3 18.5



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



Time--> 6.80 6.90 7.00 7.10 7.20



#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 7.08 min Scan# 575

Delta R.T. -0.06 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

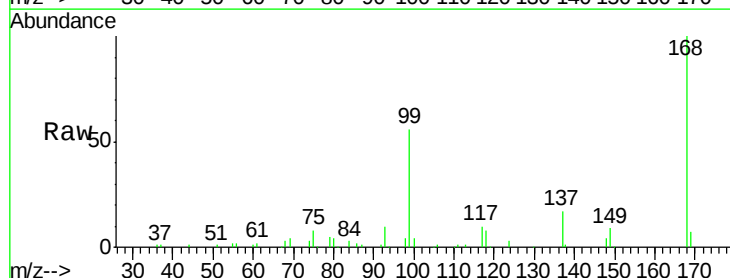
Tgt Ion: 75 Resp: 24680

Ion Ratio Lower Upper

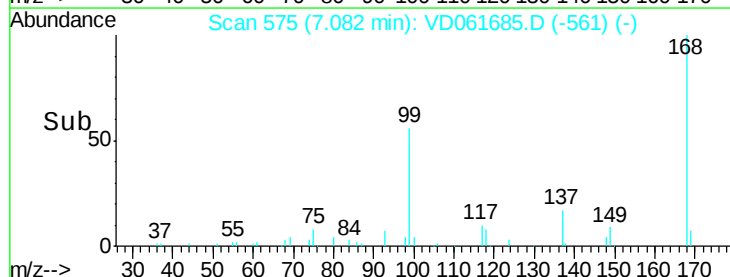
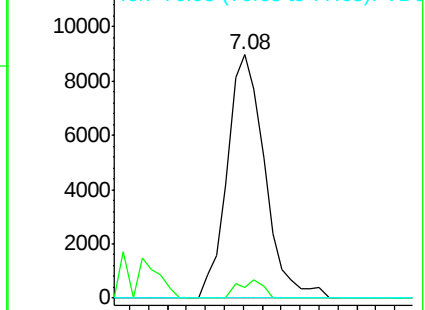
75 100

110 4.3 19.7 59.0#

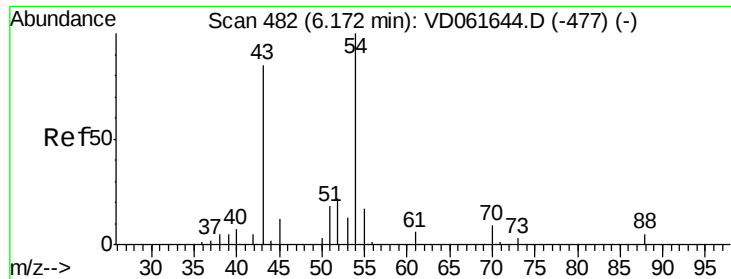
77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC



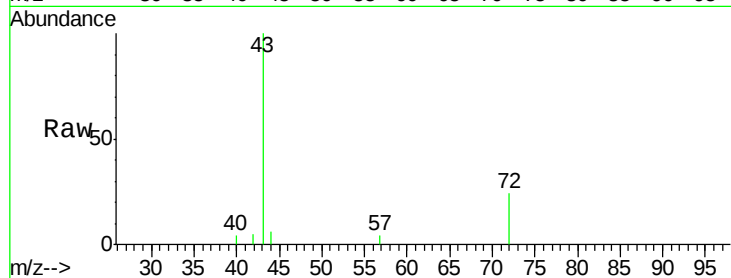
Time--> 7.00 7.10 7.20



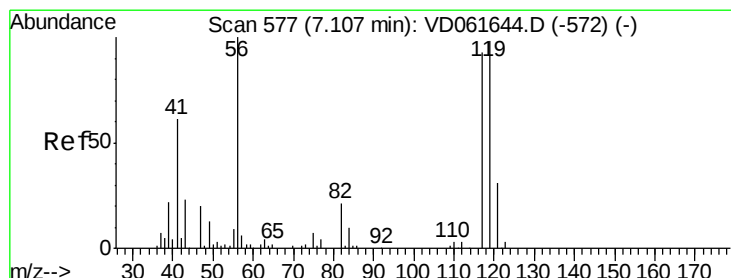
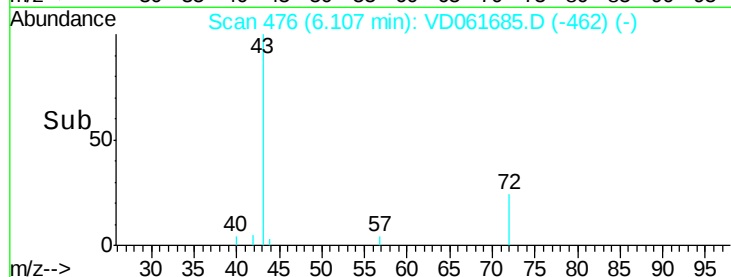
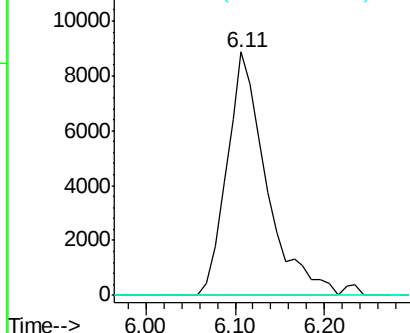
#37
Ethyl Acetate
Concen: 14.045 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.06 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 27359
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#

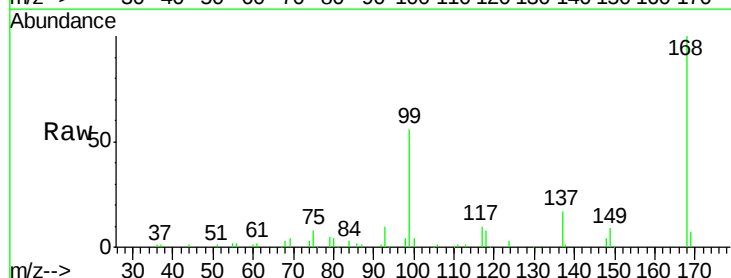


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

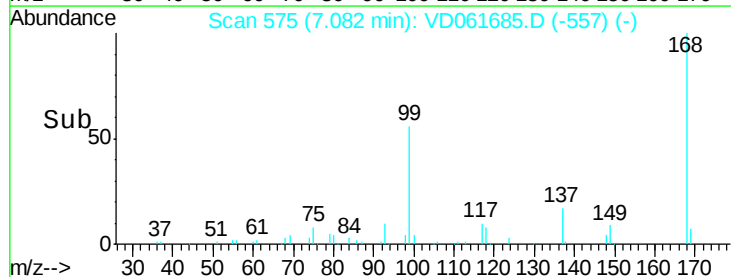
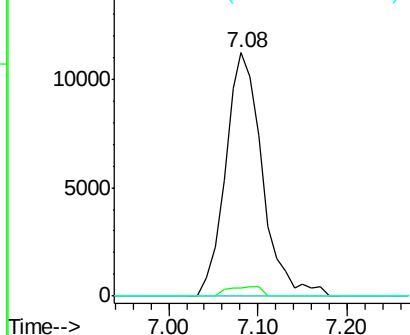


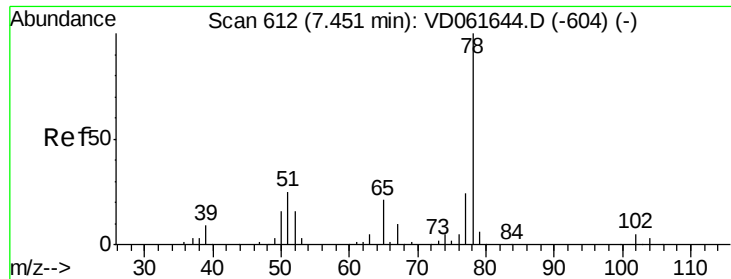
#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 7.08 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion: 117 Resp: 32178
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.7 37.1#



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

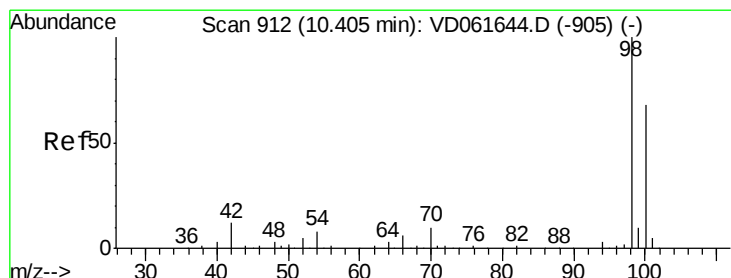
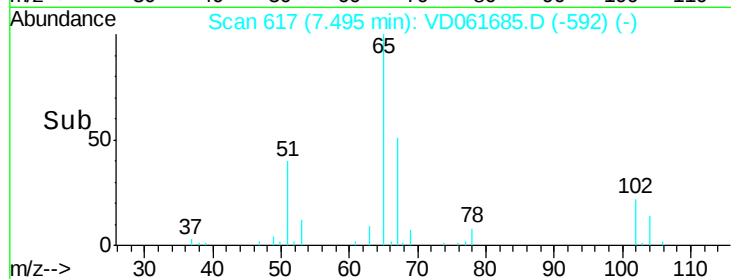
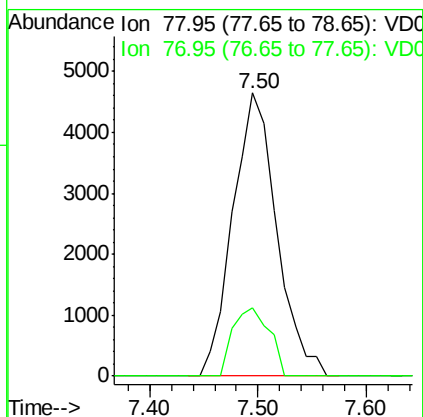
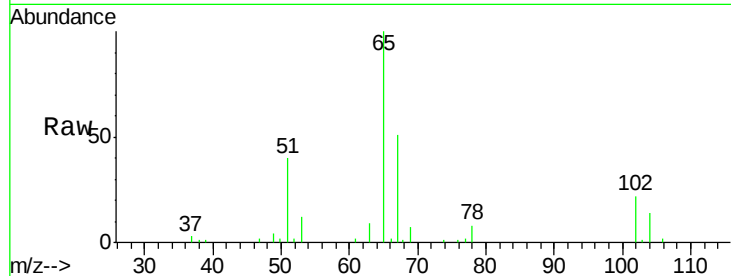




#40
Benzene
Concen: 1.135 ug/l
RT: 7.50 min Scan# 617
Delta R.T. 0.04 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

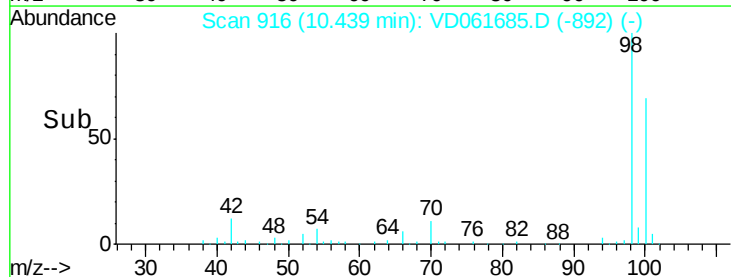
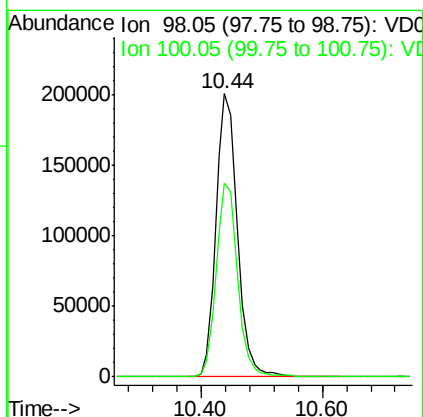
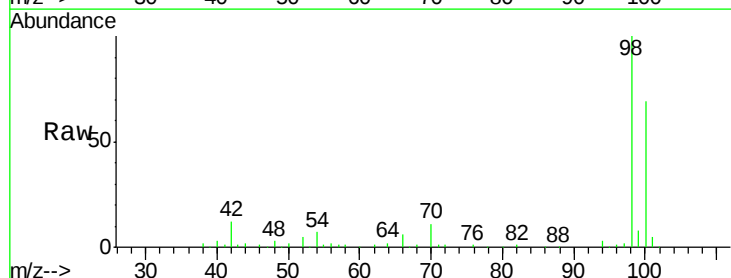
Instrument :
MSVOA_D
ClientSampleId :

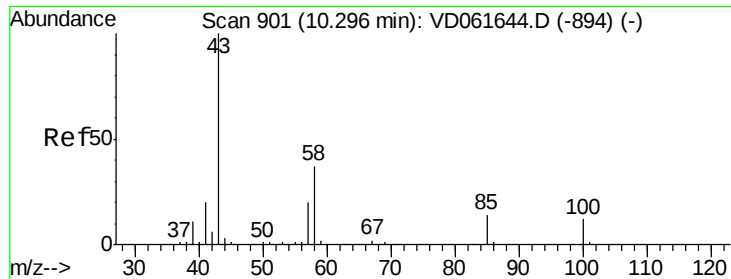
Tot Ion: 78 Resp: 13099
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion: 98 Resp: 493433
Ion Ratio Lower Upper
98 100
100 68.6 55.4 83.0





#51

4-Methyl-2-Pentanone

Concen: 11.139 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.09 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

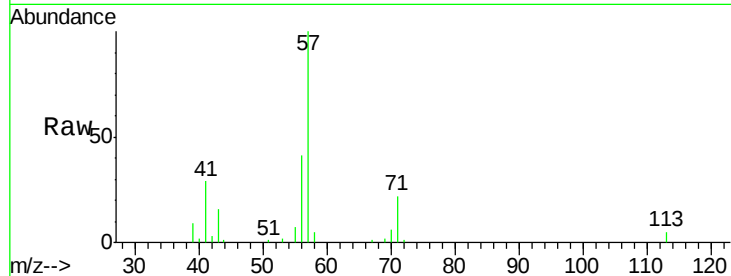
ClientSampleId :

Tot Ion: 43 Resp: 18624

Ion Ratio Lower Upper

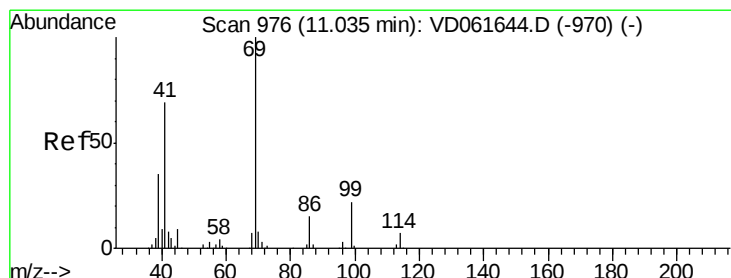
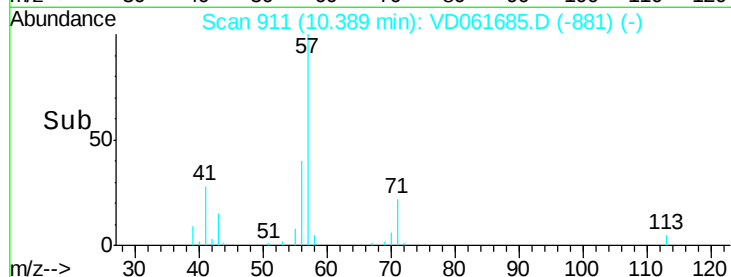
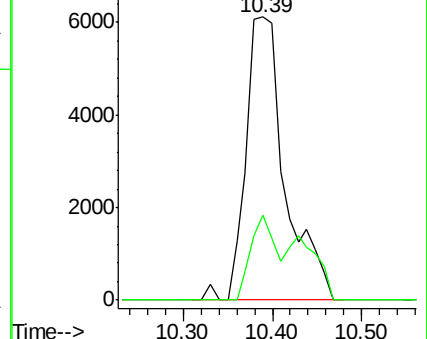
43 100

58 30.0 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#56

Ethyl methacrylate

Concen: 1.420 ug/l

RT: 11.23 min Scan# 996

Delta R.T. 0.19 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

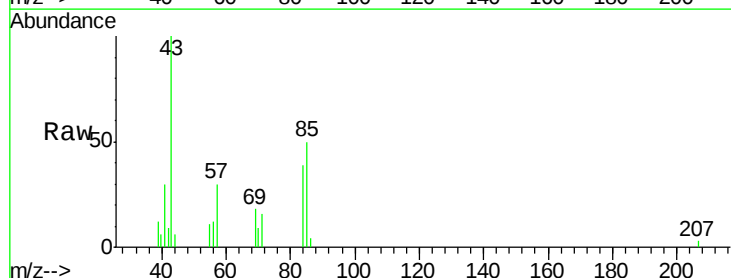
Tgt Ion: 69 Resp: 3639

Ion Ratio Lower Upper

69 100

41 165.2 55.2 82.8#

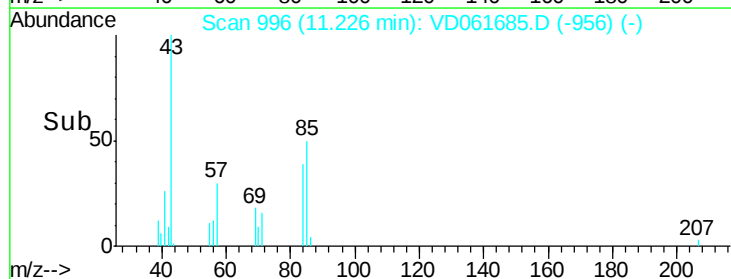
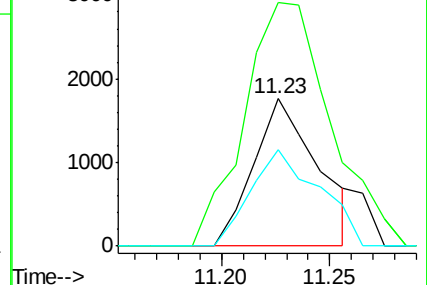
39 65.9 28.6 43.0#

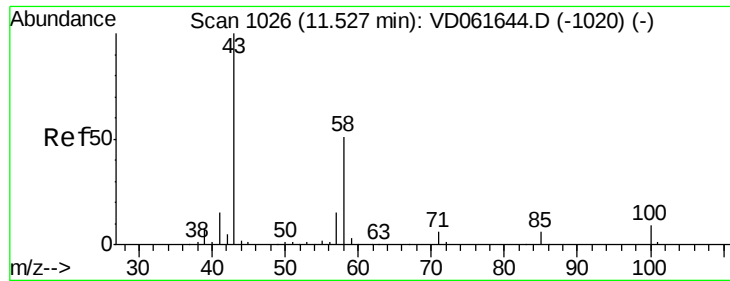


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#59

2-Hexanone

Concen: 3.631 ug/l

RT: 11.66 min Scan# 1040

Delta R.T. 0.13 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

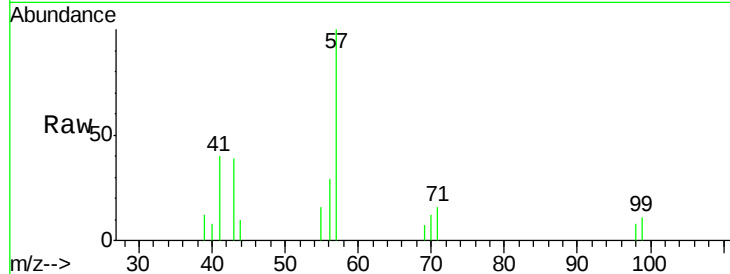
ClientSampleId :

Tot Ion: 43 Resp: 4711

Ion Ratio Lower Upper

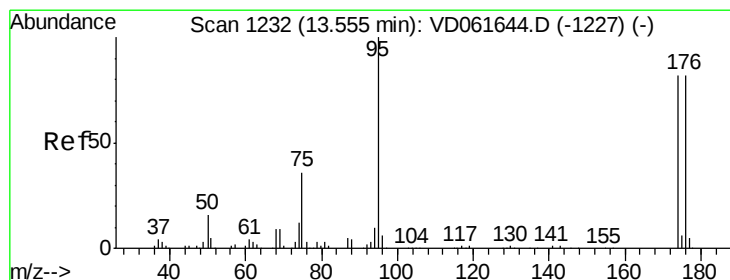
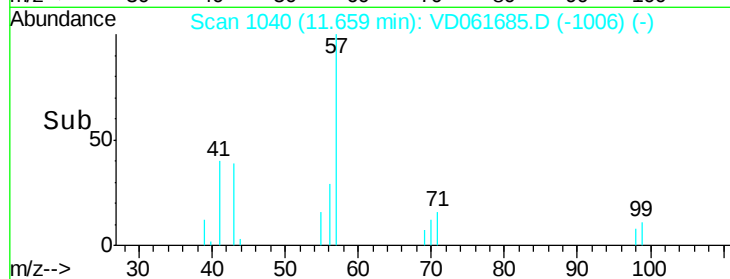
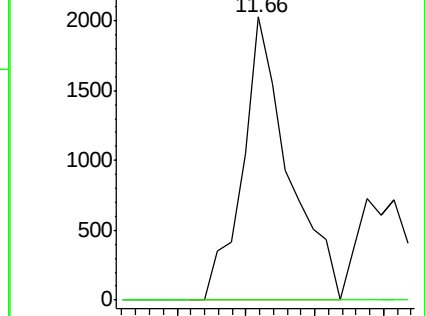
43 100

58 0.0 25.6 76.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

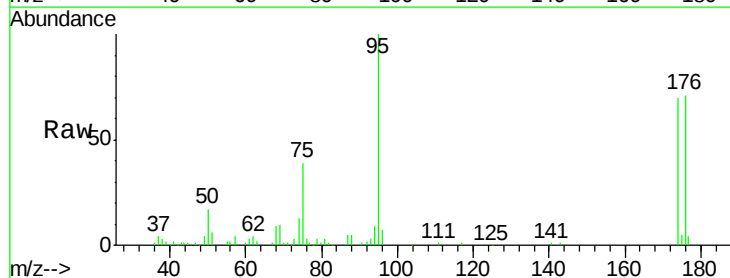
Tgt Ion: 95 Resp: 119104

Ion Ratio Lower Upper

95 100

174 69.7 0.0 164.6

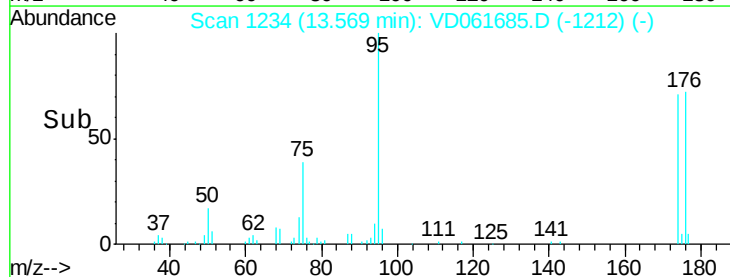
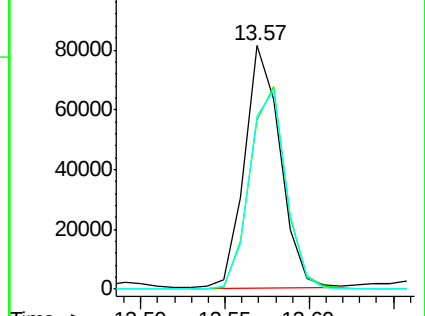
176 71.0 0.0 165.0

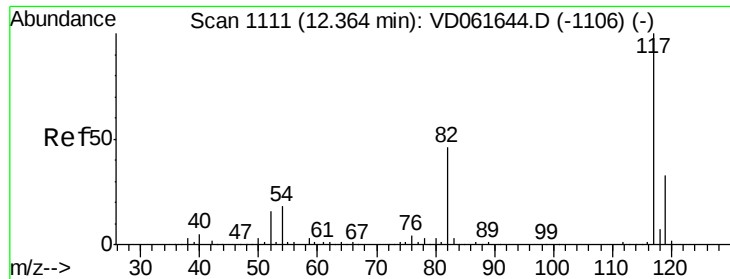


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

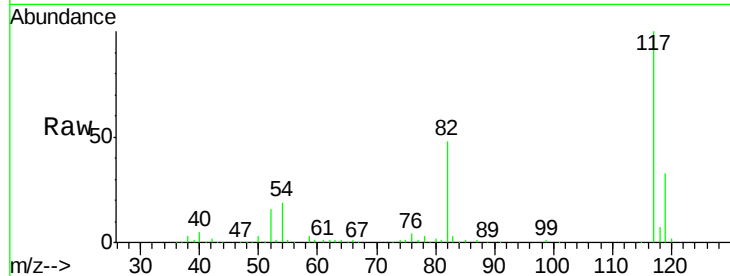




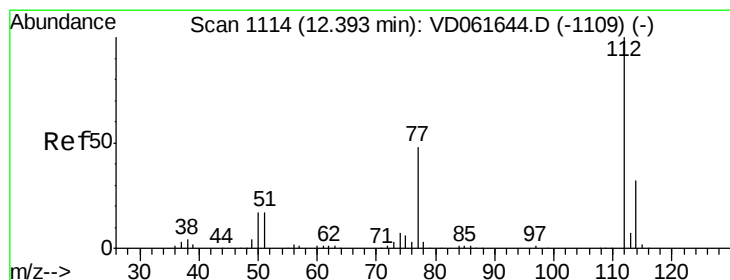
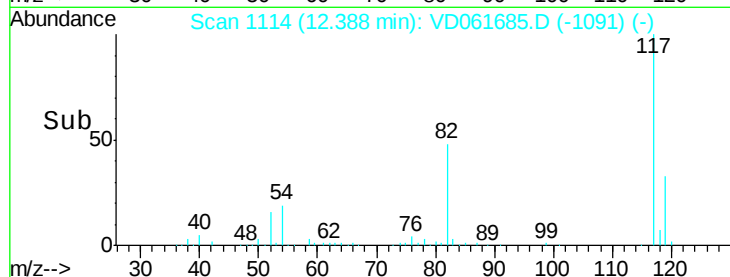
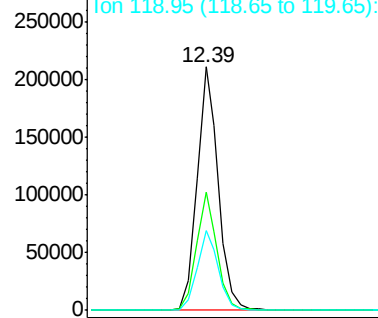
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 352437
Ion Ratio Lower Upper
117 100
82 48.5 36.8 55.2
119 32.9 26.1 39.1

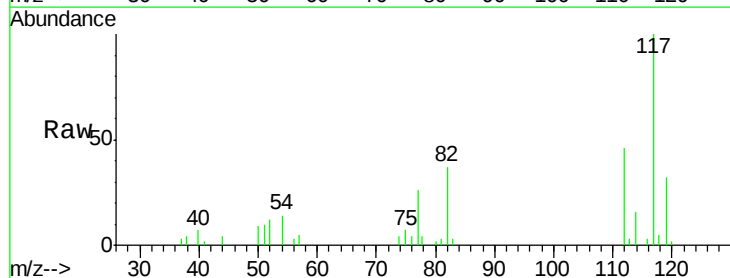


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

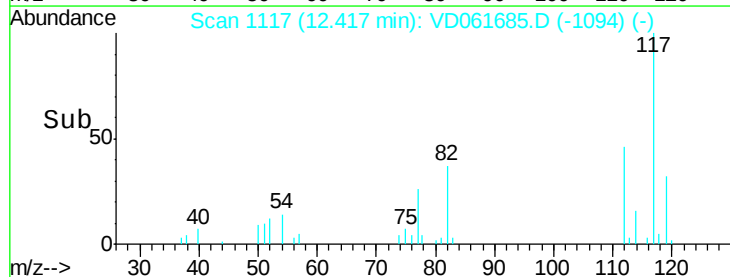
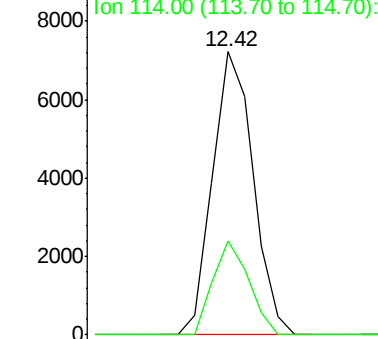


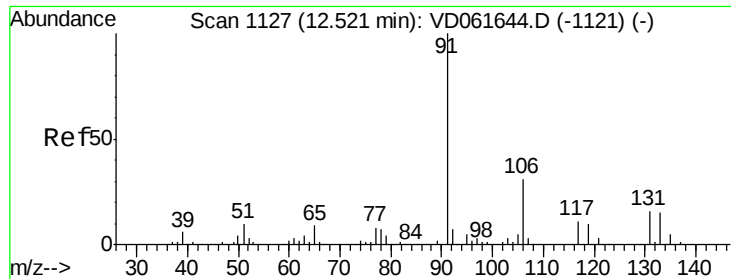
#65
Chlorobenzene
Concen: 1.723 ug/l
RT: 12.42 min Scan# 1117
Delta R.T. 0.02 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion:112 Resp: 12043
Ion Ratio Lower Upper
112 100
114 33.4 25.6 38.4



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

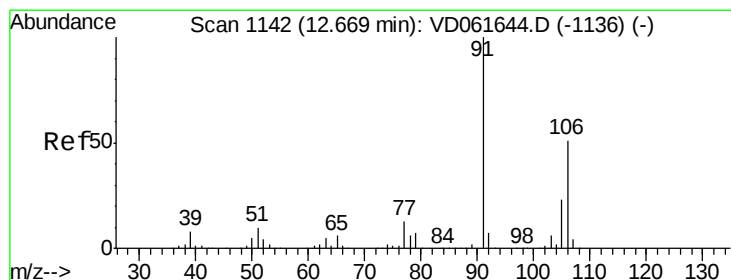
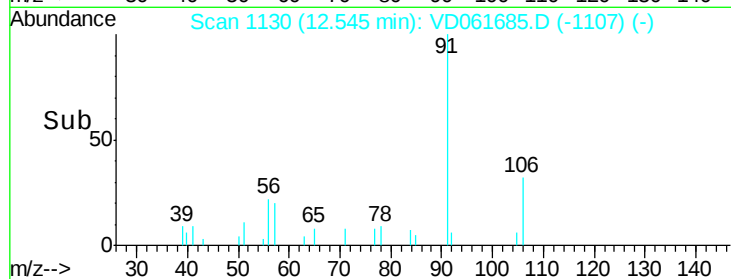
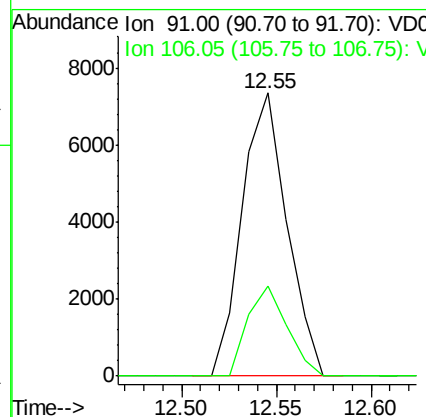
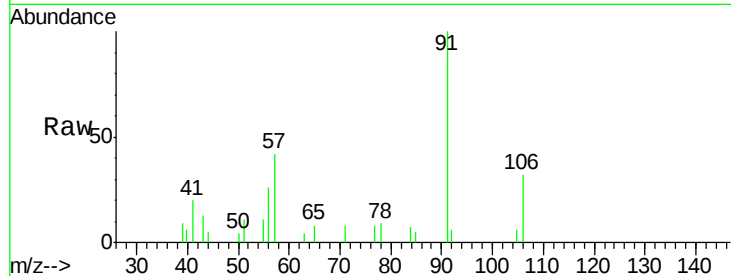




#67
Ethyl Benzene
Concen: 1.132 ug/l
RT: 12.55 min Scan# 1130
Delta R.T. 0.02 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

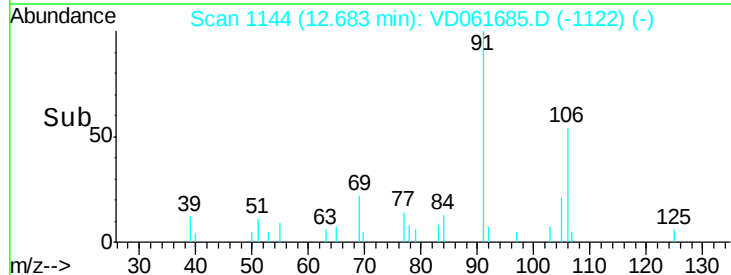
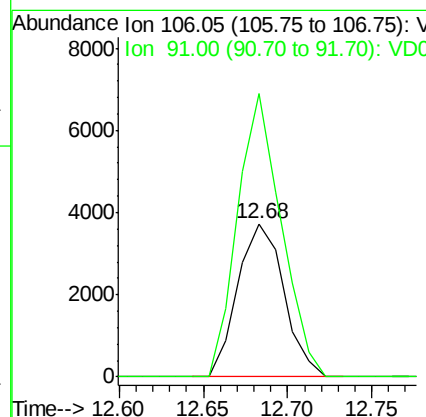
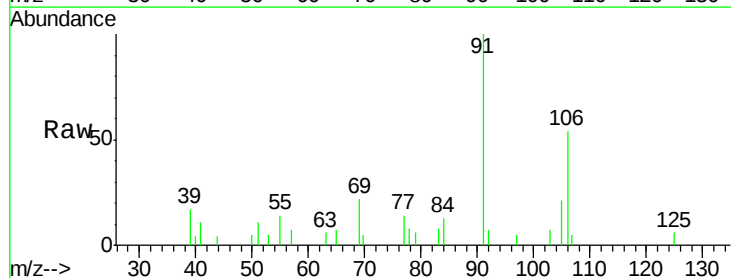
Instrument :
MSVOA_D
ClientSampleId :

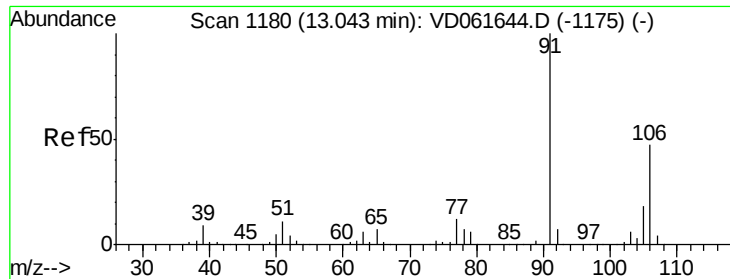
Tot Ion: 91 Resp: 12051
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0



#68
m/p-Xylenes
Concen: 1.720 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion: 106 Resp: 7059
Ion Ratio Lower Upper
106 100
91 184.7 156.7 235.1

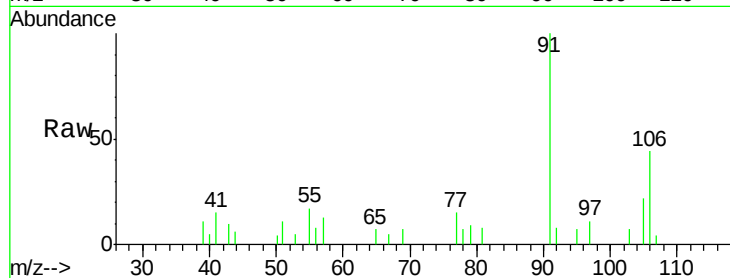




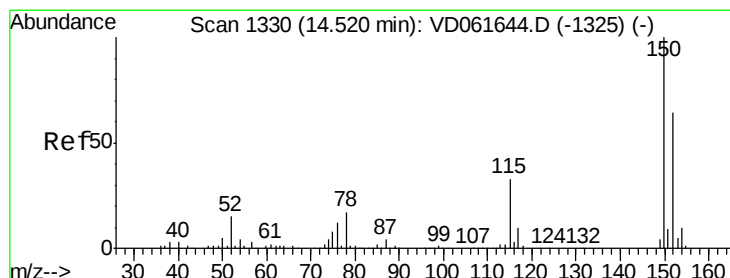
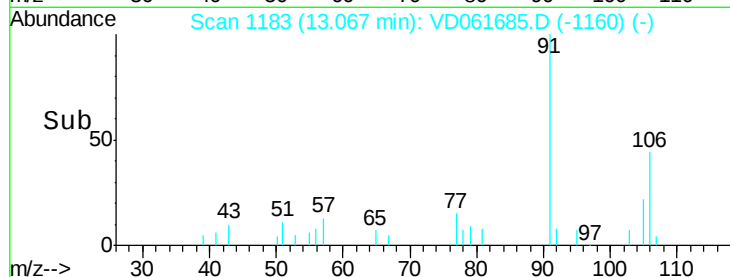
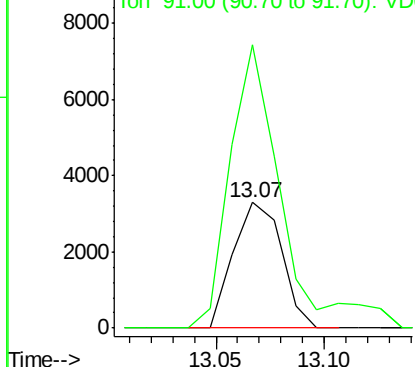
#69
o-Xylene
Concen: 1.288 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 5103
Ion Ratio Lower Upper
106 100
91 225.2 107.3 321.9

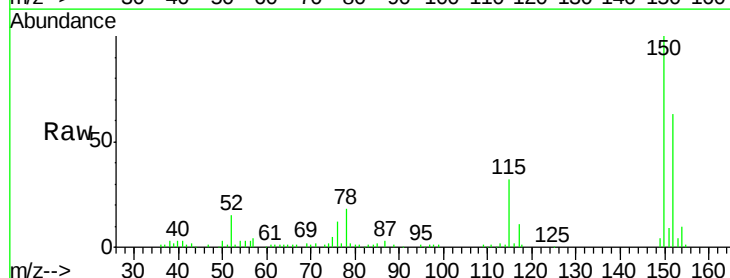


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

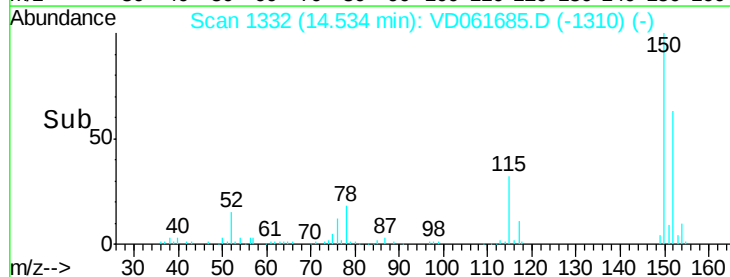
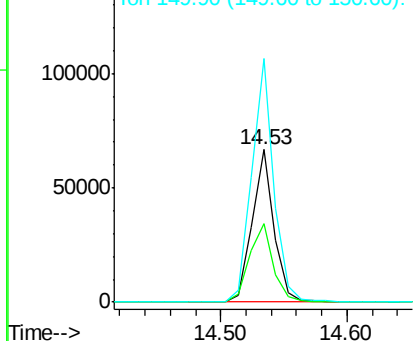


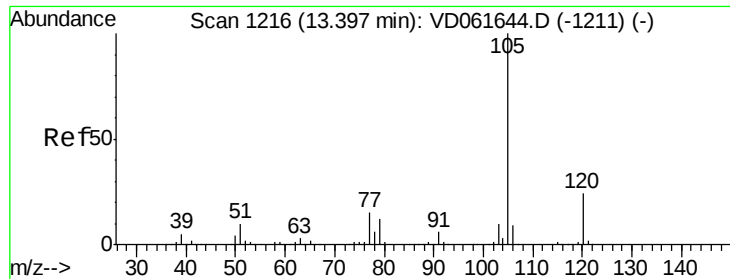
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion:152 Resp: 80340
Ion Ratio Lower Upper
152 100
115 51.5 26.4 79.2
150 159.8 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: 10.699 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

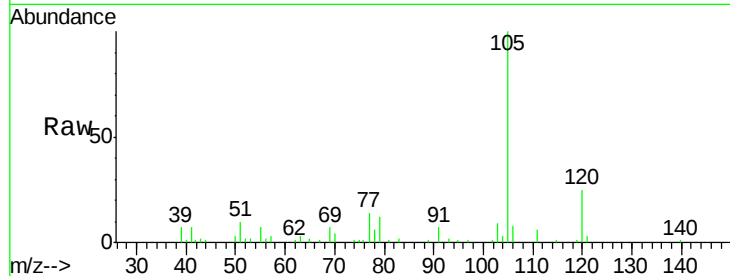
ClientSampleId :

Tot Ion:105 Resp: 57272

Ion Ratio Lower Upper

105 100

120 24.6 12.2 36.4

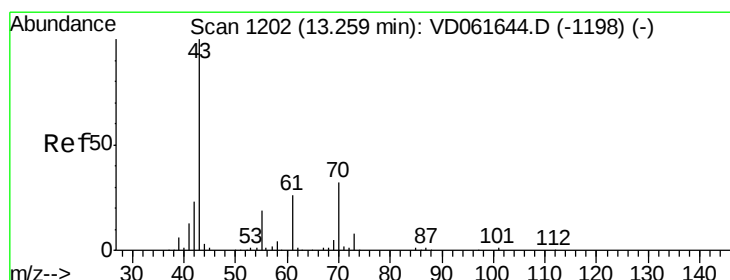
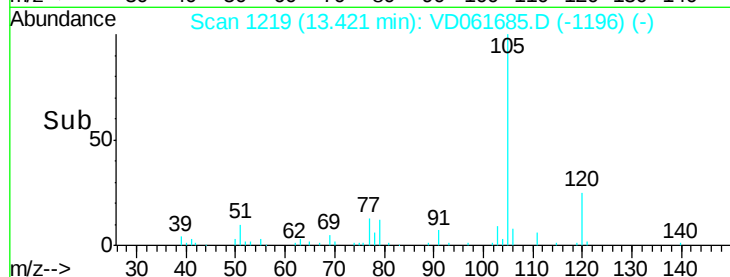


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.42

Time-->



#74

N-ethyl acetate

Concen: 8.389 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.03 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Tgt Ion: 43 Resp: 12201

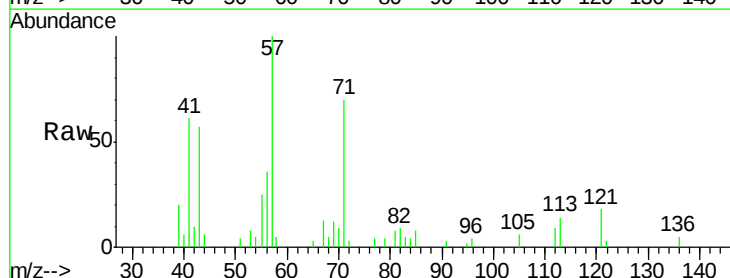
Ion Ratio Lower Upper

43 100

70 15.4 25.4 38.2#

55 45.0 15.0 22.4#

61 0.0 20.9 31.3#



Abundance Ion 42.95 (42.65 to 43.65): V

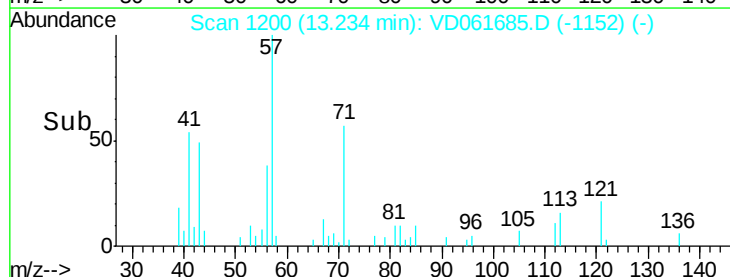
Ion 70.00 (69.70 to 70.70): V

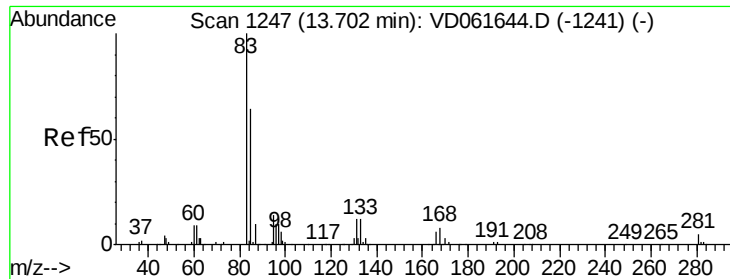
Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.23

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.755 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.02 min

Lab File: VD061685.D

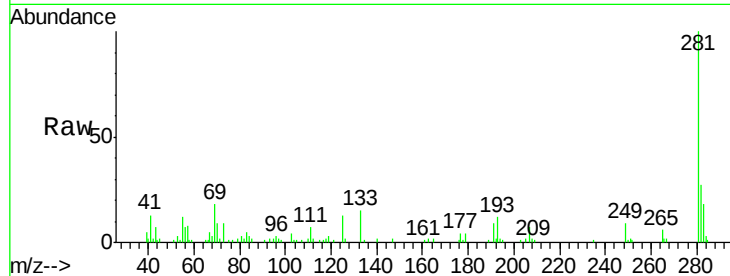
Acq: 9 Apr 2019 20:01

Instrument :

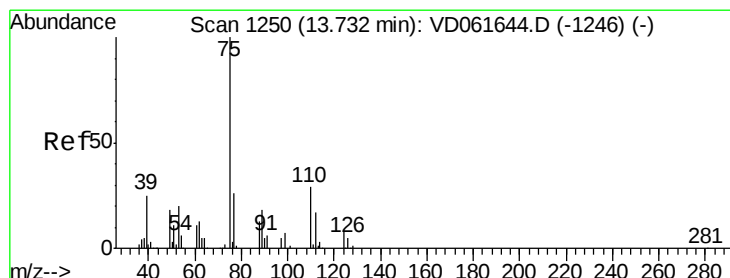
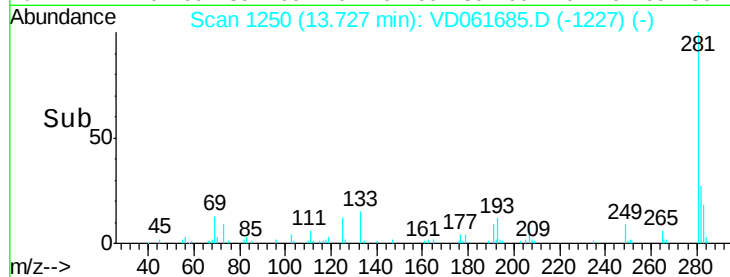
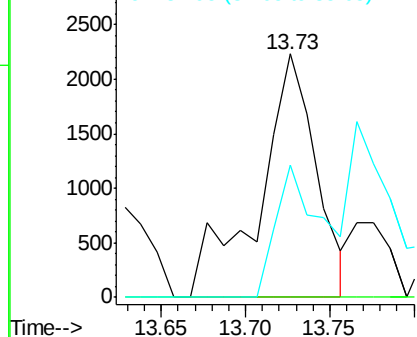
MSVOA_D

ClientSampled :

Tot Ion:	83	Resp:	5263
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.9	17.6#
85	54.3	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: 40.885 ug/l

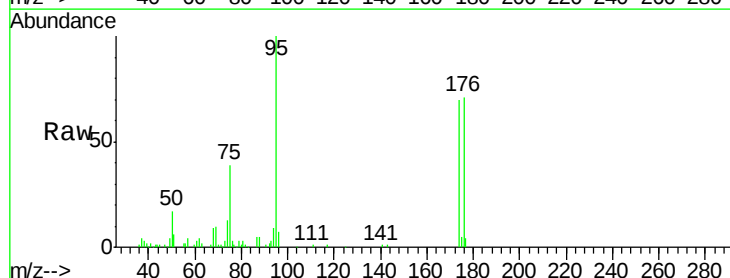
RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

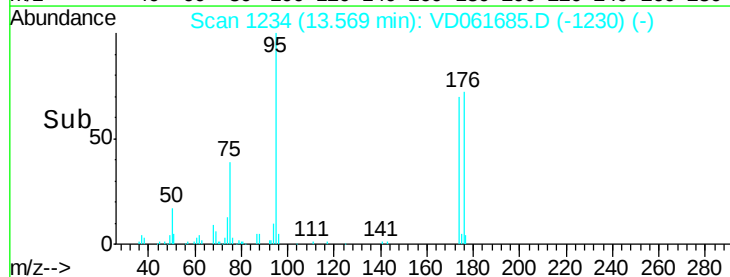
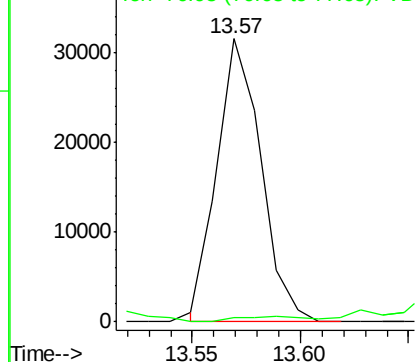
Lab File: VD061685.D

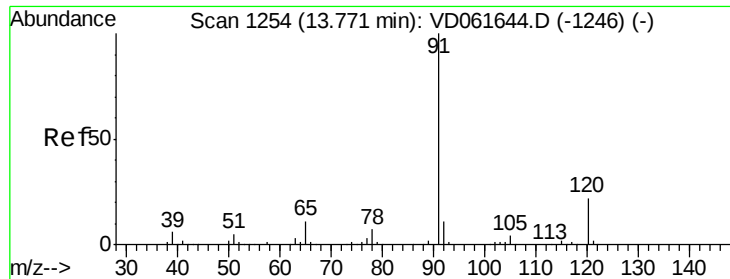
Acq: 9 Apr 2019 20:01

Tgt Ion:	75	Resp:	44688
Ion	Ratio	Lower	Upper
75	100		
77	1.6	15.7	47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 1.985 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

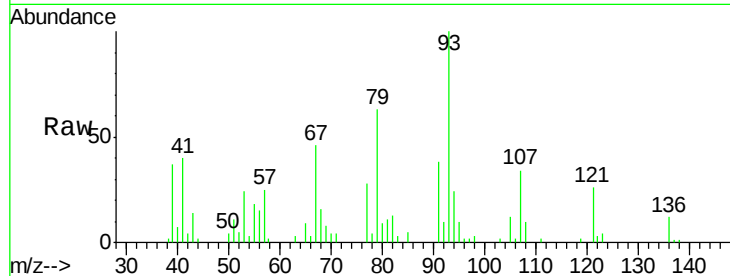
ClientSampled :

Tot Ion: 91 Resp: 12712

Ion Ratio Lower Upper

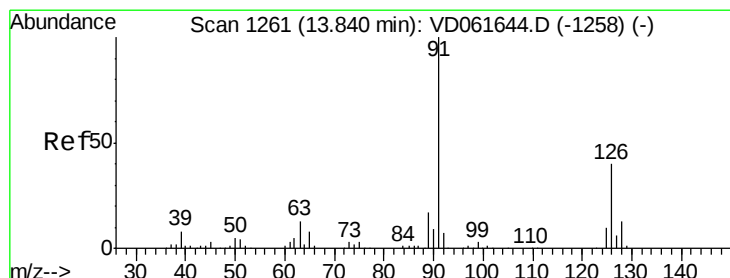
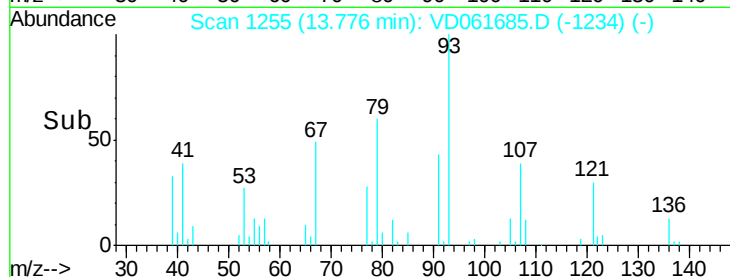
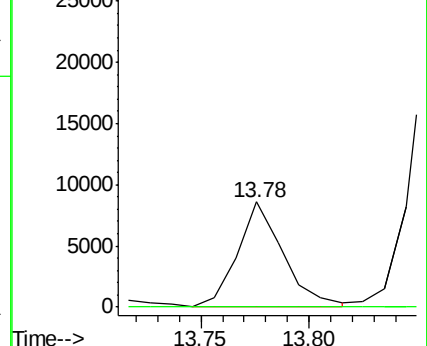
91 100

120 0.0 10.8 32.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 8.736 ug/l

RT: 13.85 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VD061685.D

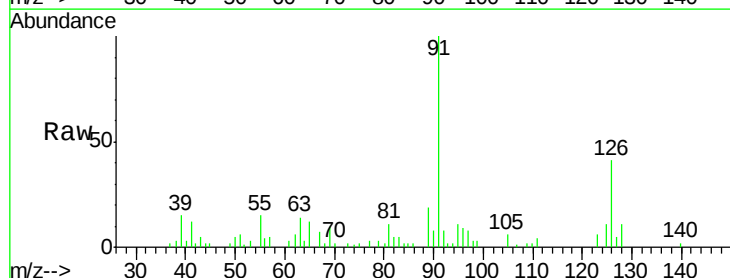
Acq: 9 Apr 2019 20:01

Tgt Ion: 91 Resp: 31990

Ion Ratio Lower Upper

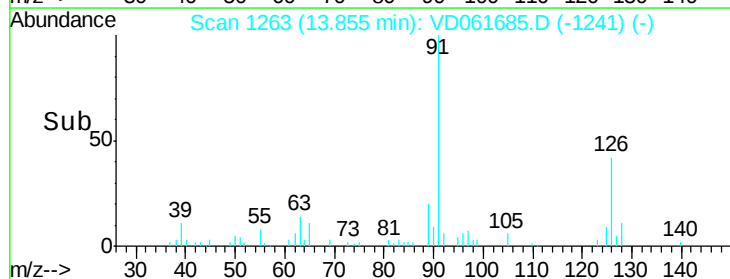
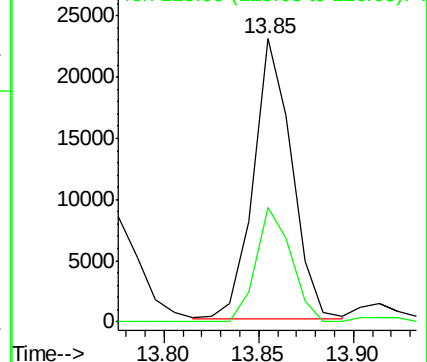
91 100

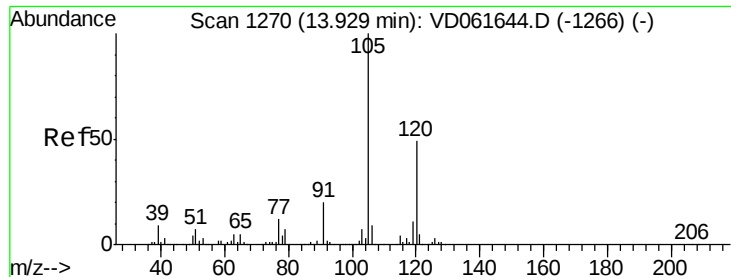
126 40.5 20.0 59.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

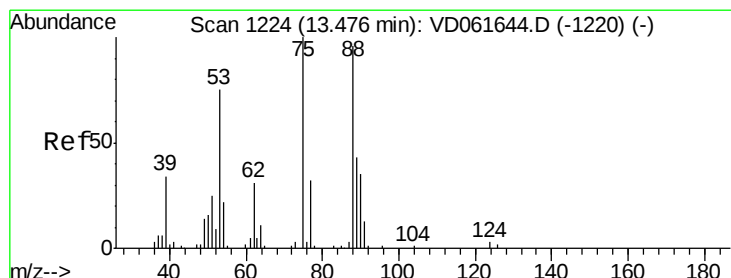
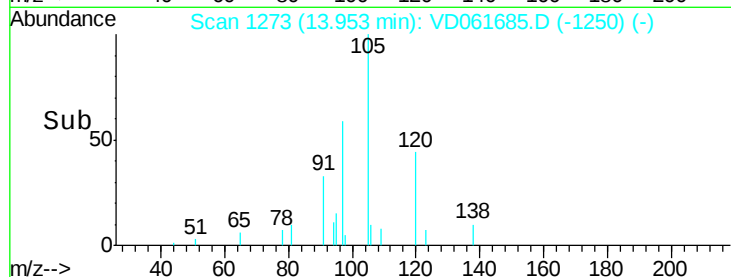
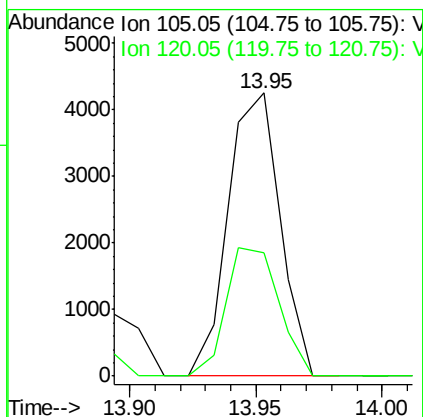
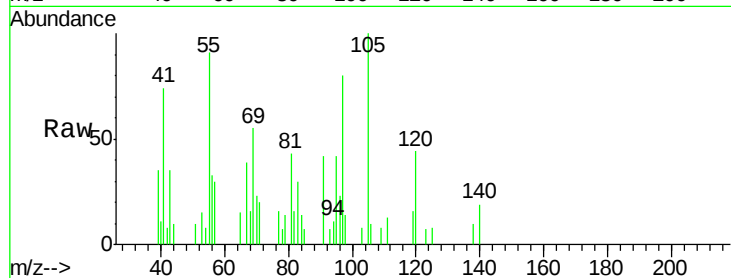




#80
 1,3,5-Trimethylbenzene
 Concen: 1.431 ug/l
 RT: 13.95 min Scan# 1273
 Delta R.T. 0.02 min
 Lab File: VD061685.D
 Acq: 9 Apr 2019 20:01

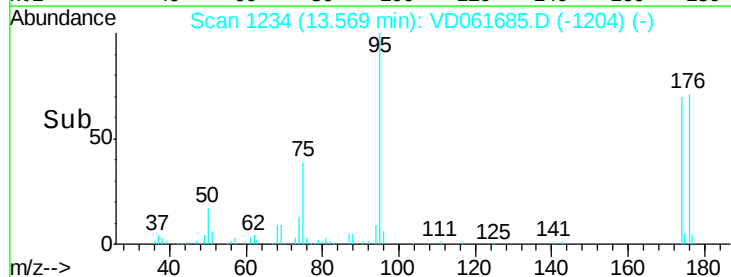
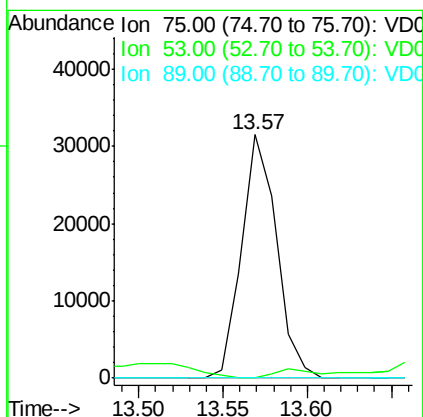
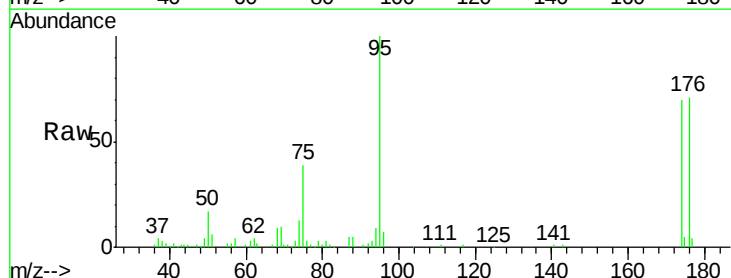
Instrument :
 MSVOA_D
 ClientSampled :

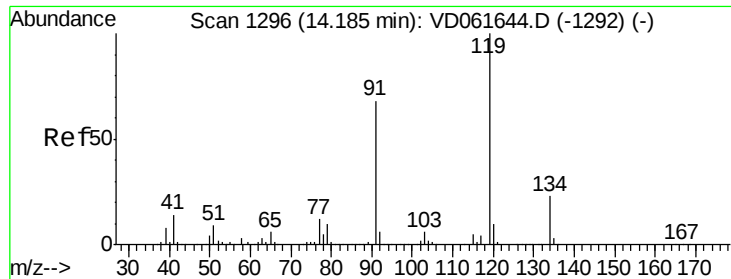
Tot Ion:105 Resp: 6078
 Ion Ratio Lower Upper
 105 100
 120 43.8 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.567 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.09 min
 Lab File: VD061685.D
 Acq: 9 Apr 2019 20:01

Tgt Ion: 75 Resp: 45297
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.2 90.2#
 89 0.0 34.2 51.2#

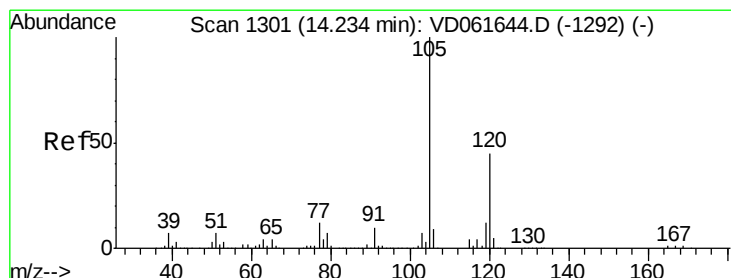
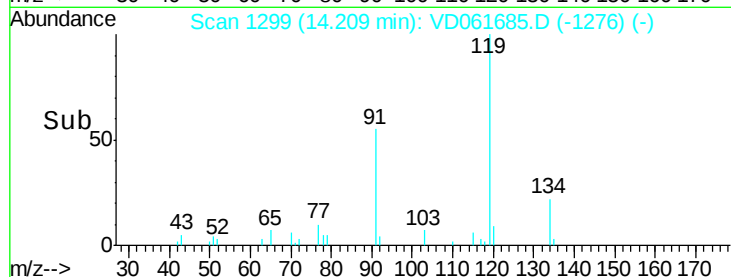
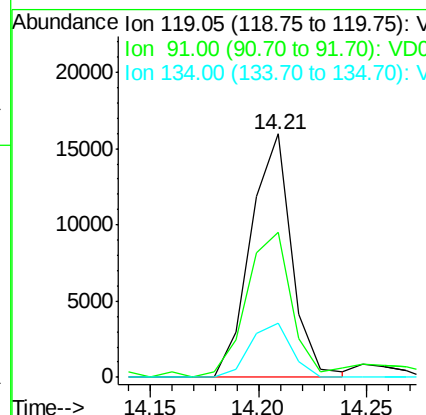
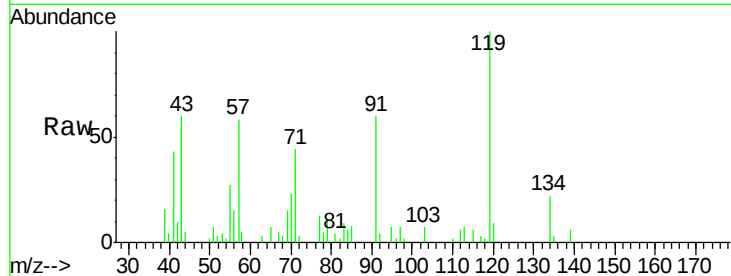




#83
tert-Butylbenzene
Concen: 4.136 ug/l
RT: 14.21 min Scan# 1299
Delta R.T. 0.02 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

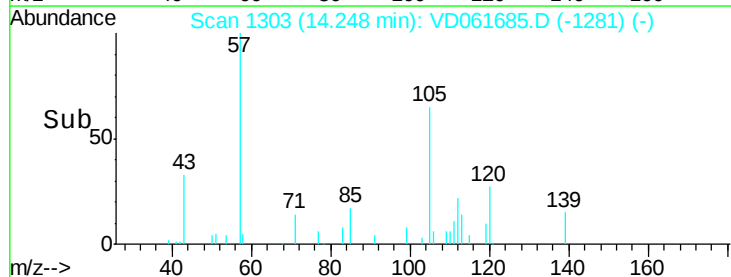
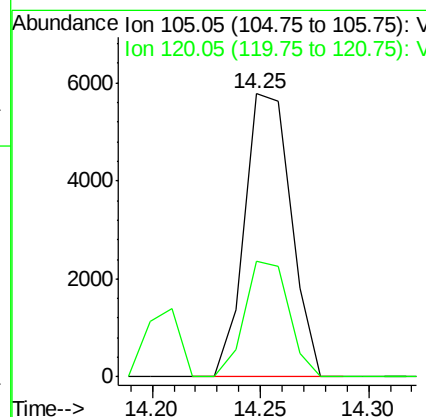
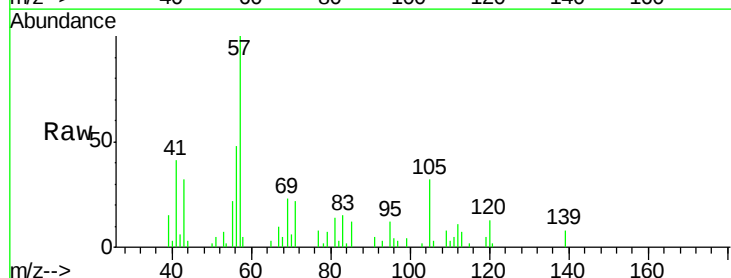
Instrument :
MSVOA_D
ClientSampleId :

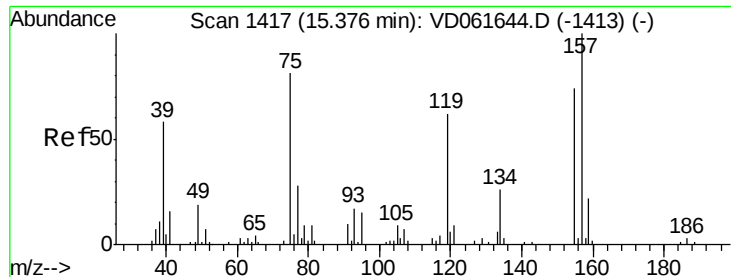
Tot Ion:119 Resp: 21187
Ion Ratio Lower Upper
119 100
91 59.8 33.9 101.6
134 22.4 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 2.011 ug/l
RT: 14.25 min Scan# 1303
Delta R.T. 0.01 min
Lab File: VD061685.D
Acq: 9 Apr 2019 20:01

Tgt Ion:105 Resp: 8624
Ion Ratio Lower Upper
105 100
120 40.9 22.6 67.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.520 ug/l

RT: 15.35 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

Instrument :

MSVOA_D

ClientSampleId :

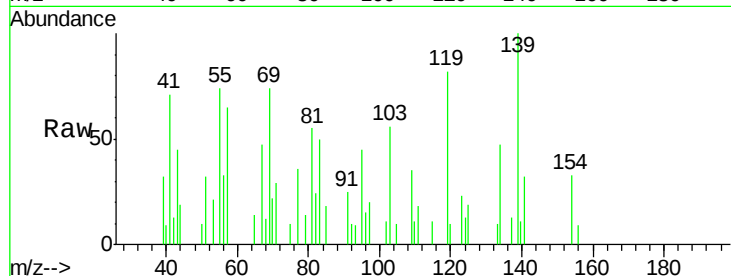
Tot Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.7#

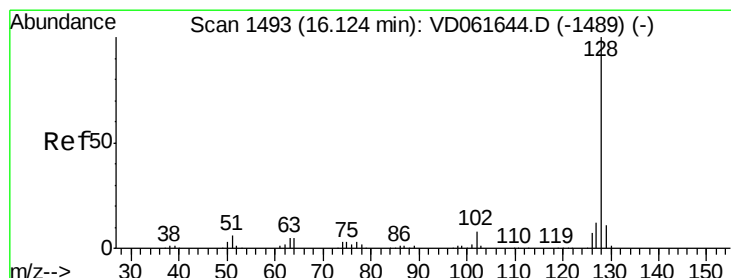
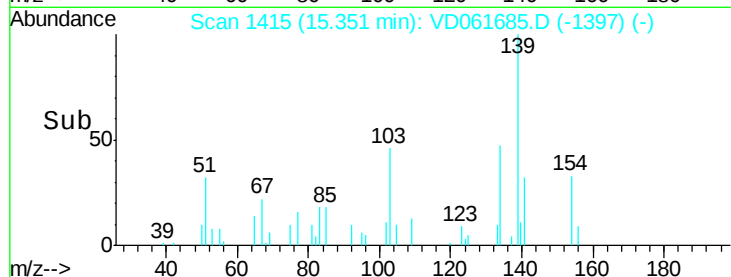
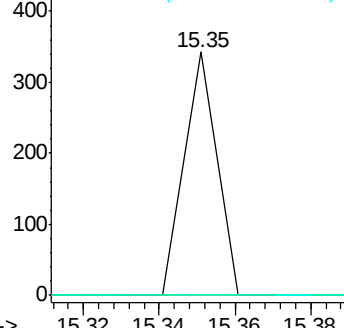
157 0.0 61.4 184.2#



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: 2.784 ug/l

RT: 16.14 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VD061685.D

Acq: 9 Apr 2019 20:01

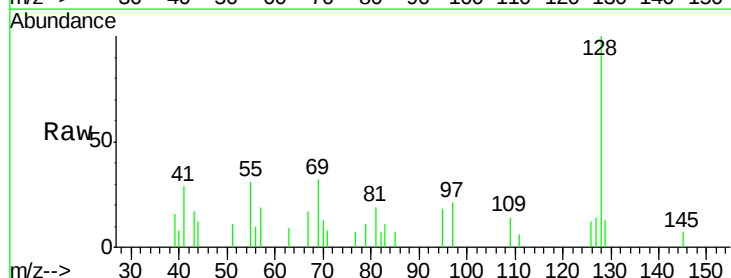
Tgt Ion: 128 Resp: 4946

Ion Ratio Lower Upper

128 100

127 14.1 9.4 14.2

129 13.3 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

