

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061684.D
 Acq On : 9 Apr 2019 19:34
 Operator : VA/AP
 Sample : K2316-01
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

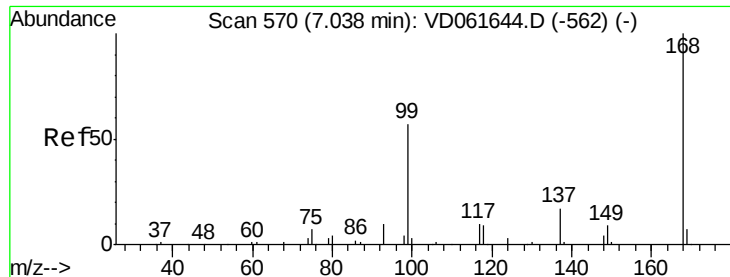
Quant Time: Apr 10 00:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	424620	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	734969	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	498422	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	167669	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.50	65	206850	64.27	ug/l	0.04
Spiked Amount			Recovery	=	128.54%	
35) Dibromofluoromethane	6.97	113	303559	59.62	ug/l	0.05
Spiked Amount			Recovery	=	119.24%	
50) Toluene-d8	10.44	98	657271	51.38	ug/l	0.03
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	13.63	95	9324	0.85	ug/l	0.07
Spiked Amount			Recovery	=	1.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.08	59	862	3.996	ug/l #	72
13) Acrolein	3.07	56	558	2.122	ug/l #	18
16) Acetone	3.25	43	73647	76.545	ug/l	99
17) Carbon Disulfide	3.42	76	46187	3.211	ug/l	97
20) Methylene Chloride	3.85	84	16595	3.040	ug/l	95
25) 2-Butanone	6.11	43	25513	23.001	ug/l #	85
29) Tetrahydrofuran	6.11	42	1074	2.006	ug/l #	1
36) 1,1-Dichloropropene	7.09	75	30481	4.739	ug/l #	46
37) Ethyl Acetate	6.11	43	25513	9.738	ug/l #	68
38) Carbon Tetrachloride	7.09	117	39717	5.268	ug/l #	15
39) Methylcyclohexane	8.89	83	18547	2.809	ug/l #	91
40) Benzene	7.50	78	17565	1.132	ug/l	94
51) 4-Methyl-2-Pentanone	10.39	43	5560	2.473	ug/l #	69
55) 1,1,2-Trichloroethane	11.13	97	9678	2.961	ug/l #	20
59) 2-Hexanone	11.66	43	17825	10.214	ug/l #	42
69) o-Xylene	13.07	106	9091	1.623	ug/l	99
73) Isopropylbenzene	13.42	105	15058	1.348	ug/l	96
74) N-amyl acetate	13.23	43	54164	17.844	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.73	83	23902	10.347	ug/l #	52
76) 1,2,3-Trichloropropane	13.57	75	76514	33.542	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.95	105	33877	3.820	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.57	75	77531	112.003	ug/l #	21
84) 1,2,4-Trimethylbenzene	14.26	105	50016	5.589	ug/l	99
85) sec-Butylbenzene	14.39	105	27614	2.391	ug/l	99
86) p-Isopropyltoluene	14.50	119	22365	2.232	ug/l	91
89) n-Butylbenzene	14.79	91	15172	1.742	ug/l #	1
90) Hexachloroethane	14.99	117	3742	1.376	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.39	75	487	1.747	ug/l #	1
95) Naphthalene	16.14	128	23093	6.228	ug/l	99

(#) = 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: VD061684.D

Acq: 9 Apr 2019 19:34

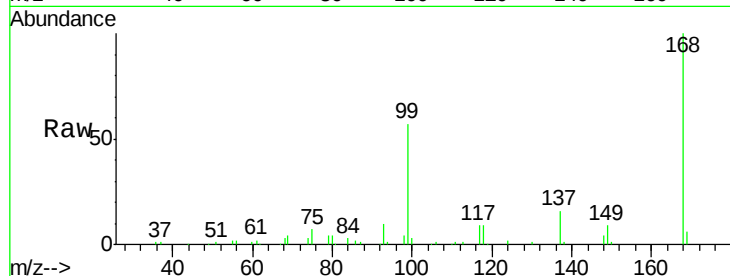
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 424620

Ion Ratio Lower Upper

168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

150000

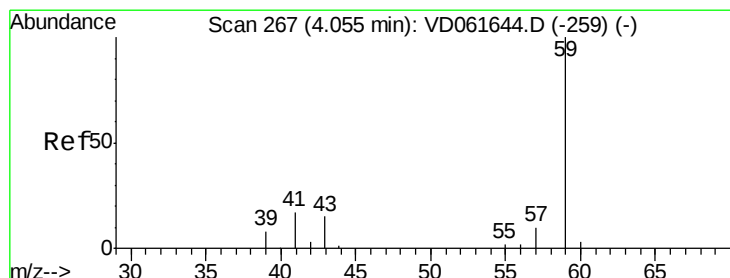
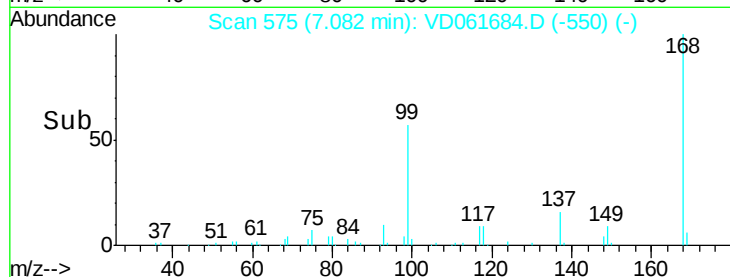
100000

50000

0

Time-->

7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 3.996 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.02 min

Lab File: VD061684.D

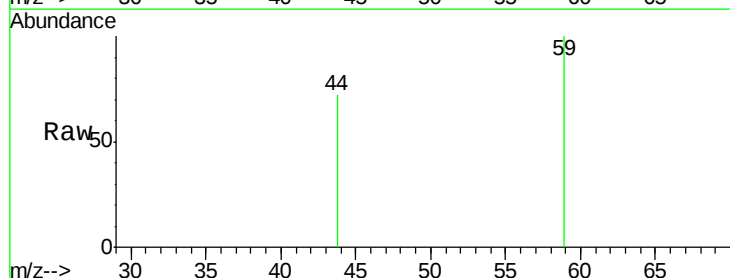
Acq: 9 Apr 2019 19:34

Tgt Ion: 59 Resp: 862

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

4.08

500

400

300

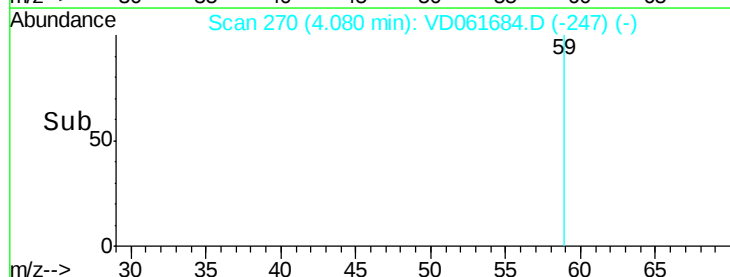
200

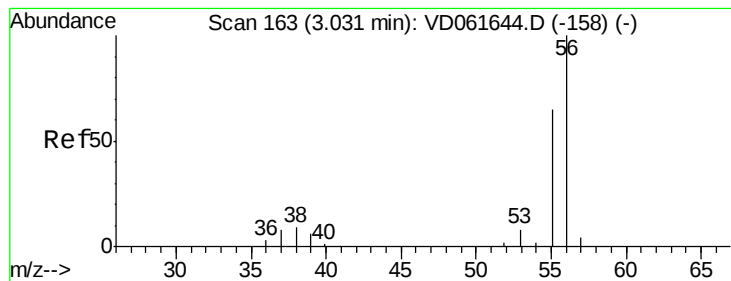
100

0

Time-->

4.05 4.10 4.15





#13

Acrolein

Concen: 2.122 ug/l

RT: 3.07 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

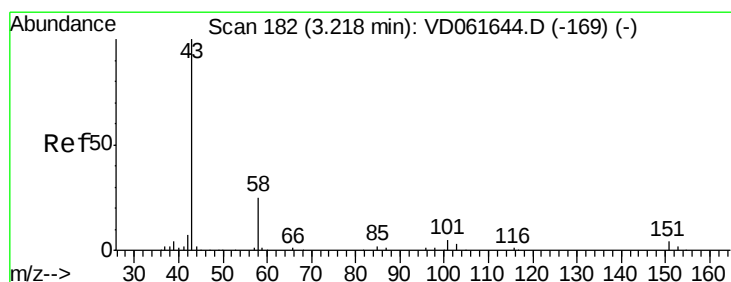
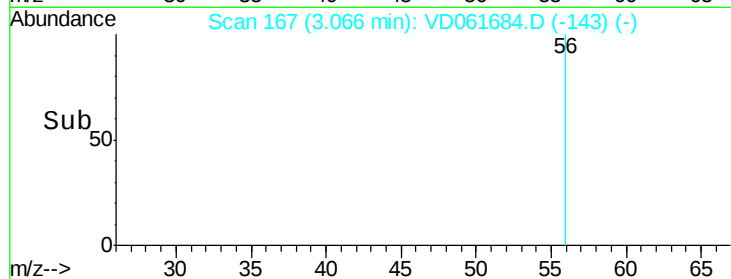
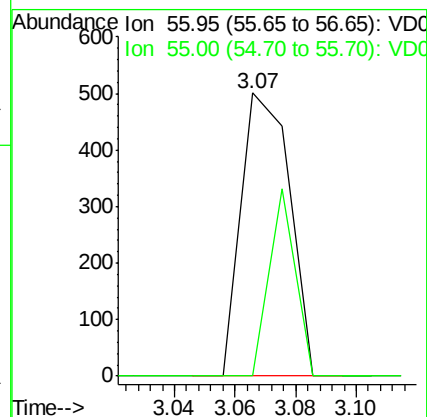
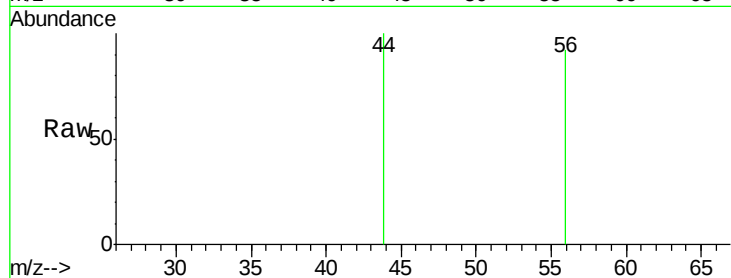
ClientSampled :

Tot Ion: 56 Resp: 558

Ion Ratio Lower Upper

56 100

55 0.0 51.8 77.6#



#16

Acetone

Concen: 76.545 ug/l

RT: 3.25 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061684.D

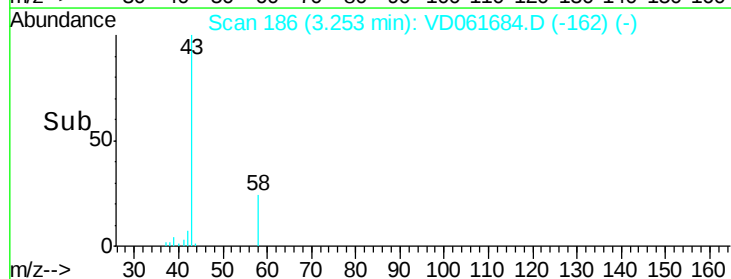
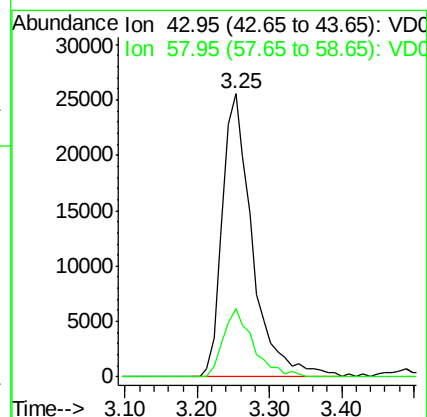
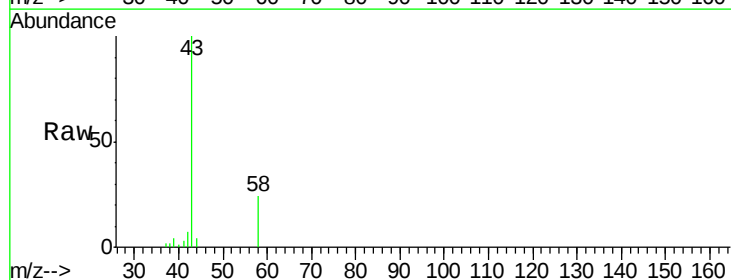
Acq: 9 Apr 2019 19:34

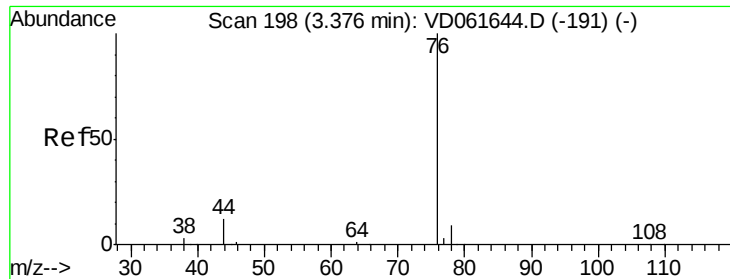
Tgt Ion: 43 Resp: 73647

Ion Ratio Lower Upper

43 100

58 24.1 19.7 29.5





#17

Carbon Disulfide

Concen: 3.211 ug/l

RT: 3.42 min Scan# 203

Delta R.T. 0.04 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

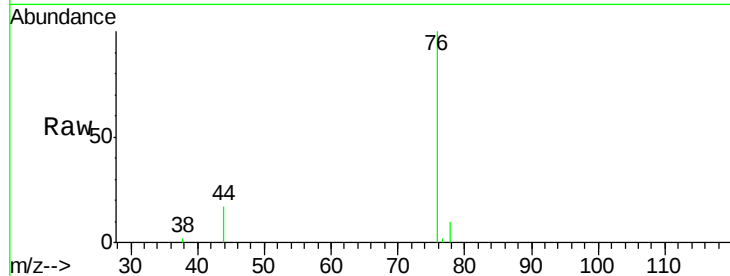
ClientSampleId :

Tot Ion: 76 Resp: 46187

Ion Ratio Lower Upper

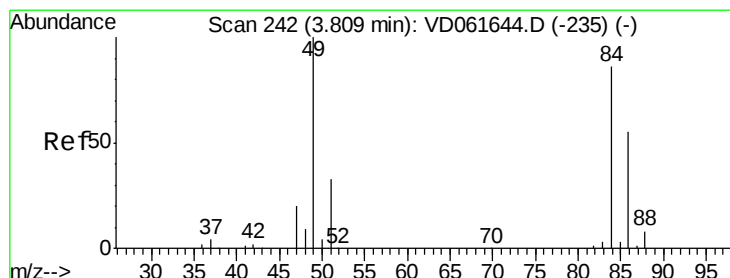
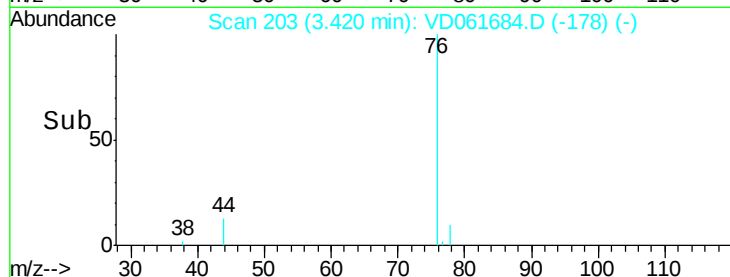
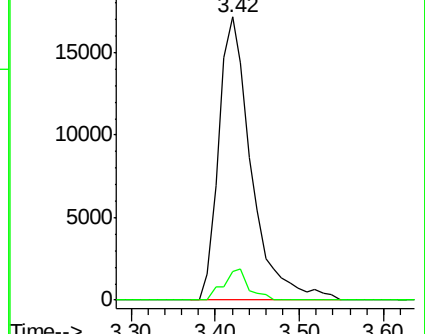
76 100

78 10.3 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: 3.040 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.05 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Tgt Ion: 84 Resp: 16595

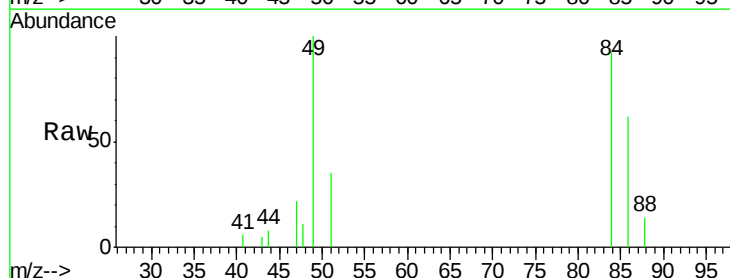
Ion Ratio Lower Upper

84 100

49 107.9 93.0 139.4

51 38.2 30.4 45.6

86 66.8 51.0 76.4

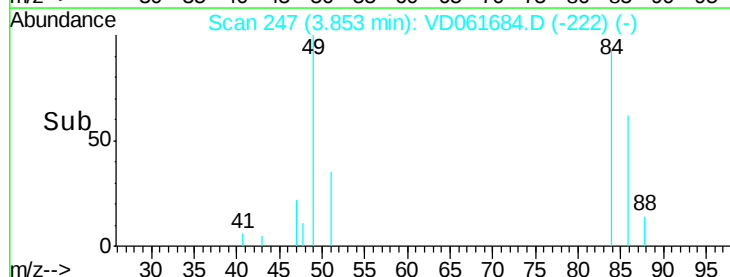
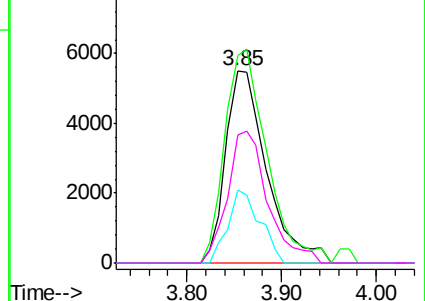


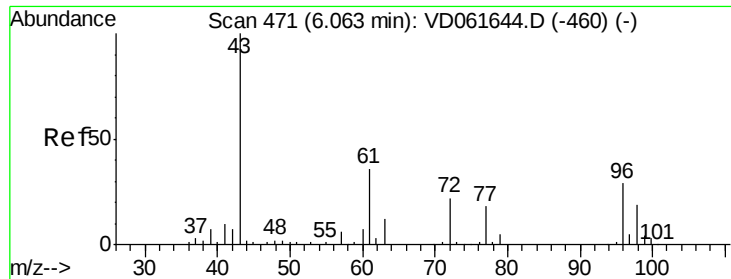
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 23.001 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.04 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

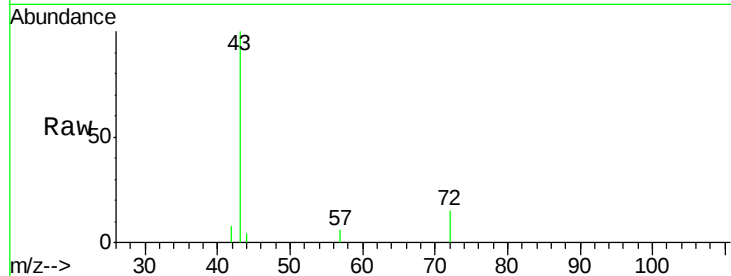
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 25513

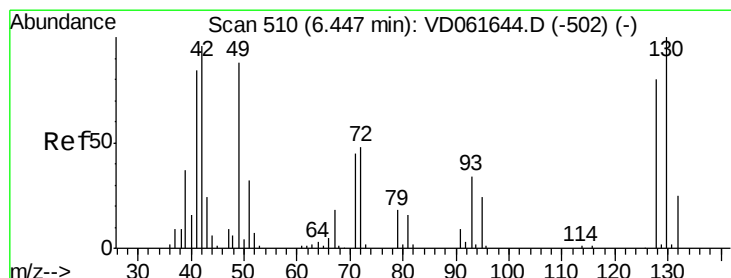
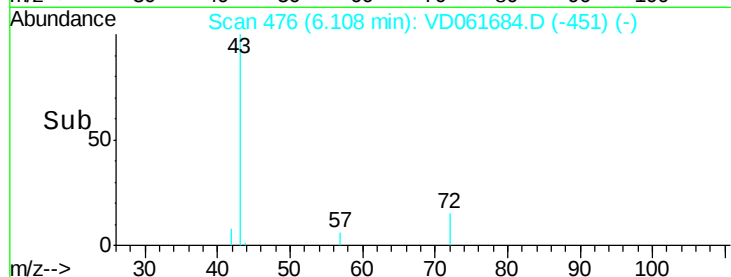
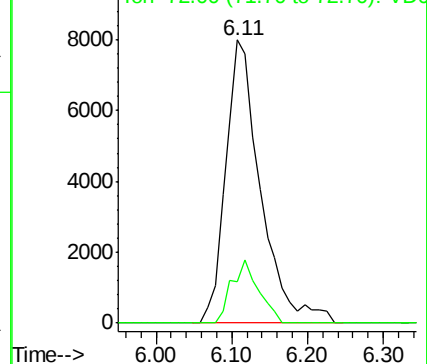
Ion Ratio Lower Upper

43 100

72 14.8 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: 2.006 ug/l

RT: 6.11 min Scan# 476

Delta R.T. -0.34 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

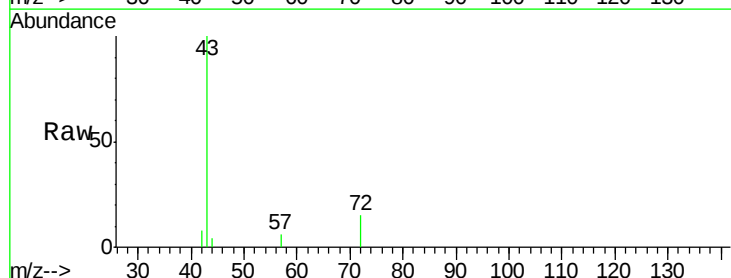
Tgt Ion: 42 Resp: 1074

Ion Ratio Lower Upper

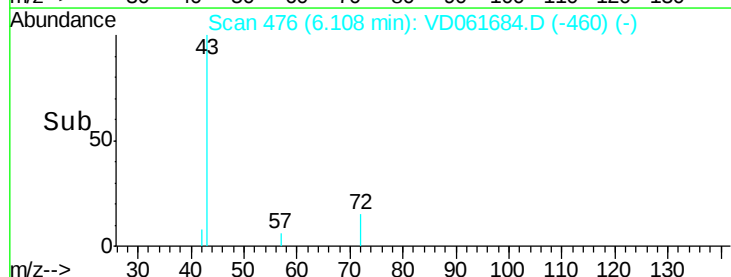
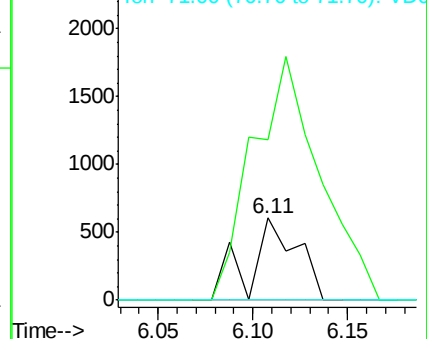
42 100

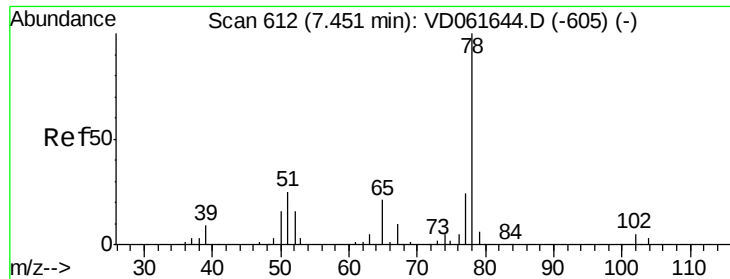
72 412.8 37.0 55.6#

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: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

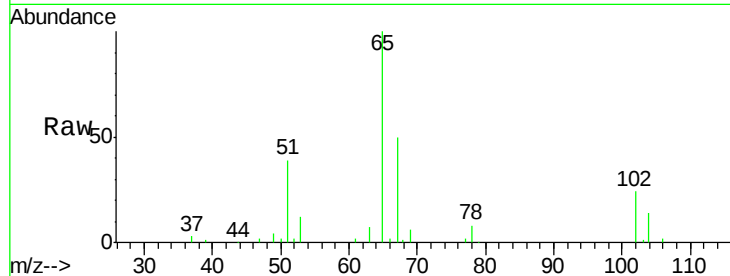
ClientSampled :

Tot Ion: 65 Resp: 206850

Ion Ratio Lower Upper

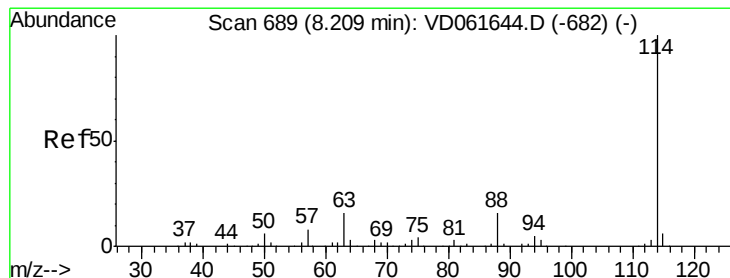
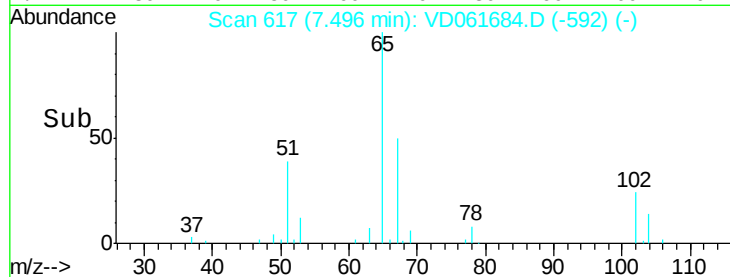
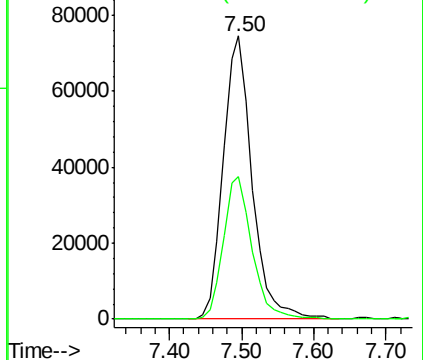
65 100

67 50.5 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 694

Delta R.T. 0.04 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

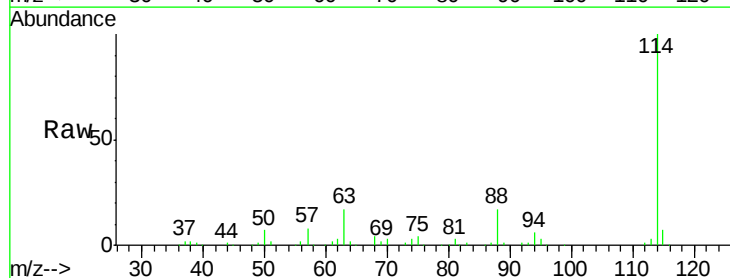
Tgt Ion: 114 Resp: 734969

Ion Ratio Lower Upper

114 100

63 17.0 0.0 31.2

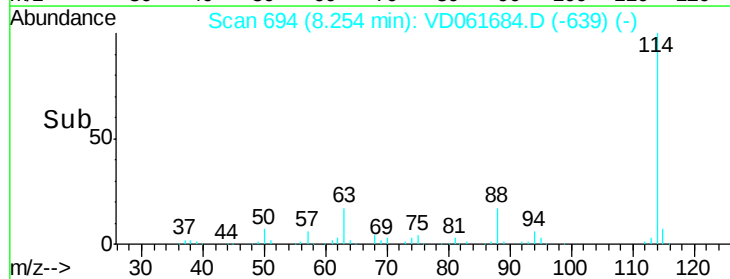
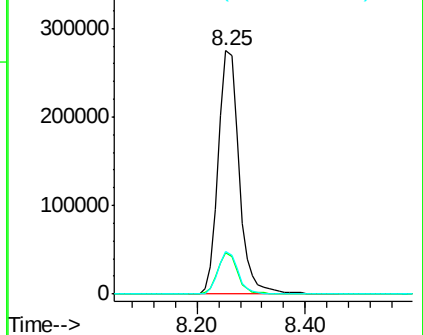
88 17.3 0.0 31.8

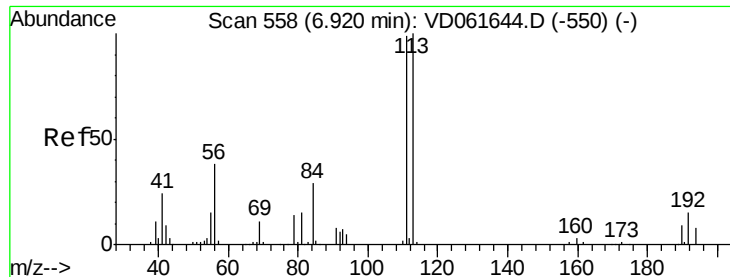


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.97 min Scan# 564

Delta R.T. 0.05 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :
MSVOA_D
ClientSampleId :

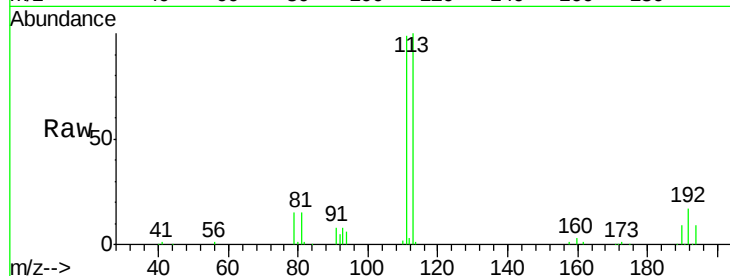
Tot Ion:113 Resp: 303559

Ion Ratio Lower Upper

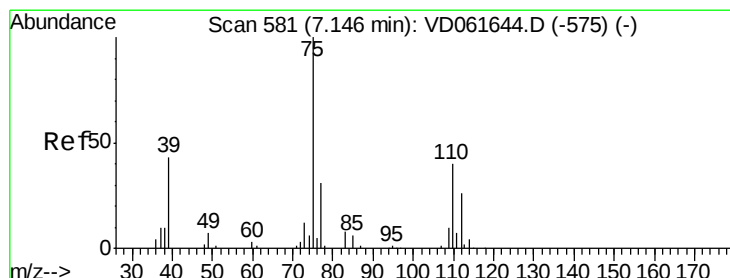
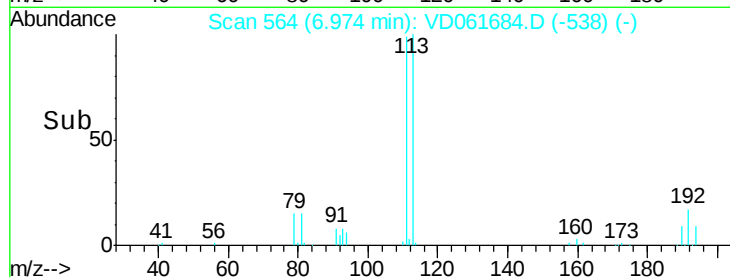
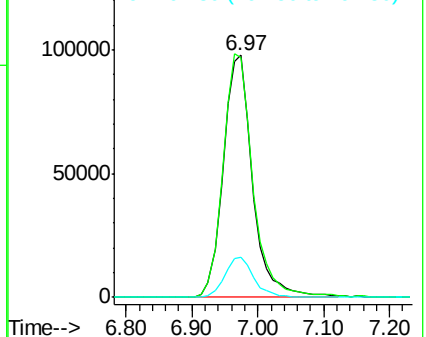
113 100

111 99.0 79.3 118.9

192 16.5 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: 4.739 ug/l

RT: 7.09 min Scan# 576

Delta R.T. -0.05 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

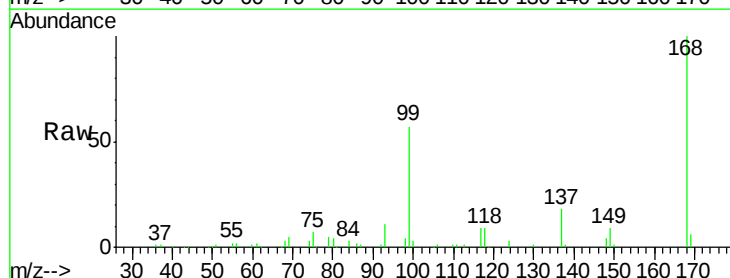
Tgt Ion: 75 Resp: 30481

Ion Ratio Lower Upper

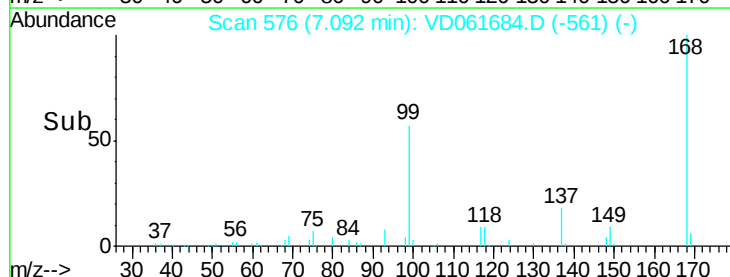
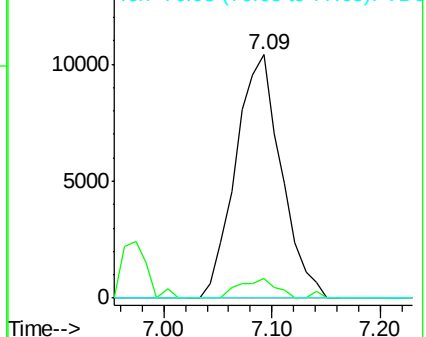
75 100

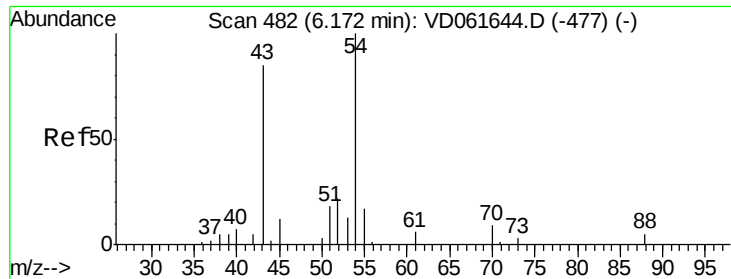
110 7.8 19.7 59.0#

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): V
Ion 76.95 (76.65 to 77.65): VDC

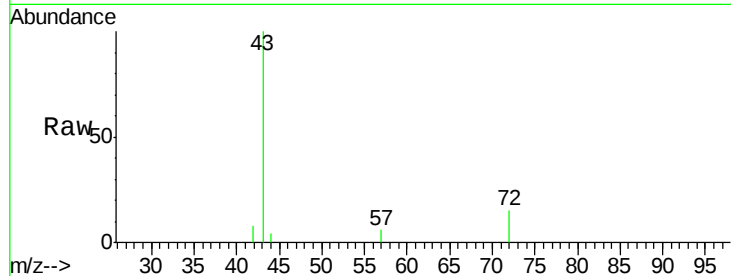




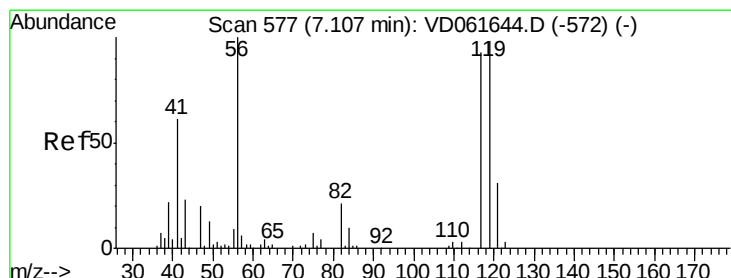
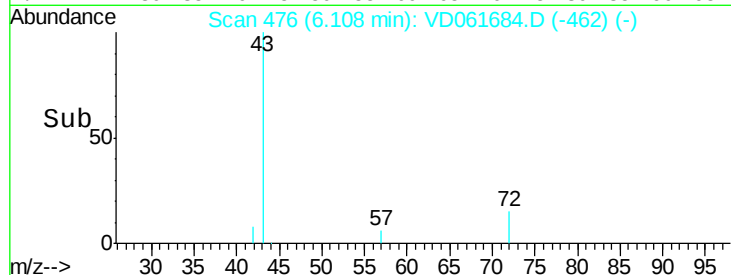
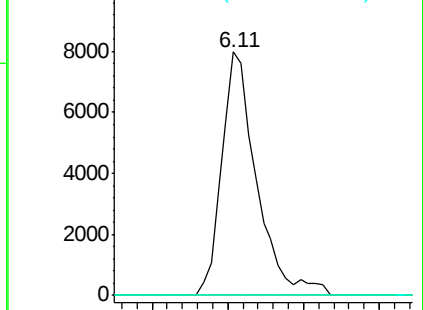
#37
Ethyl Acetate
Concen: 9.738 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.06 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 43 Resp: 25513
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#

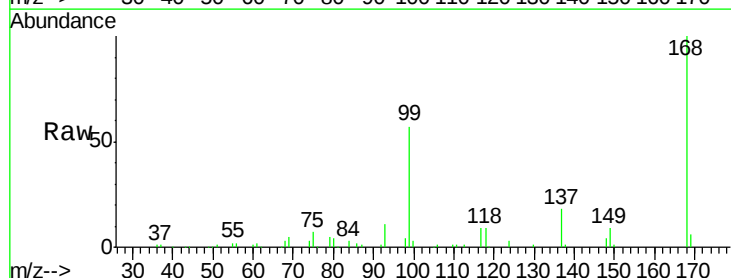


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

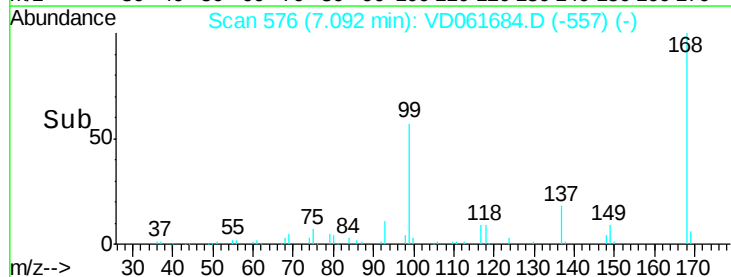
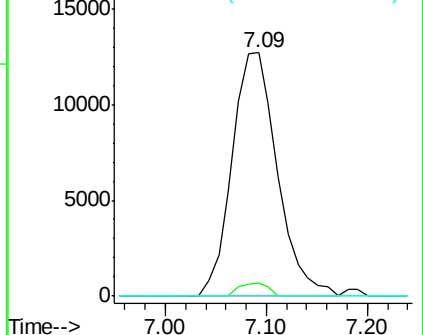


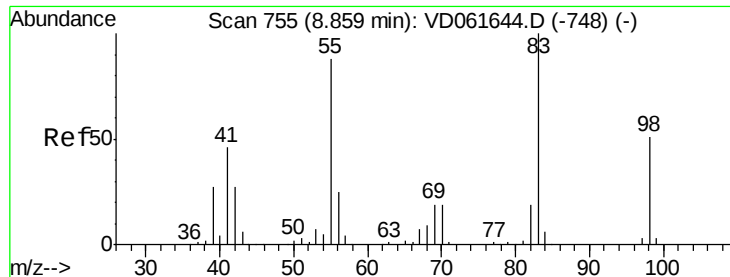
#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.09 min Scan# 576
Delta R.T. -0.01 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Tgt Ion: 117 Resp: 39717
Ion Ratio Lower Upper
117 100
119 5.3 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

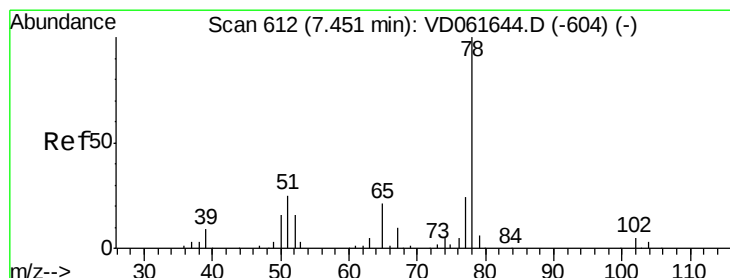
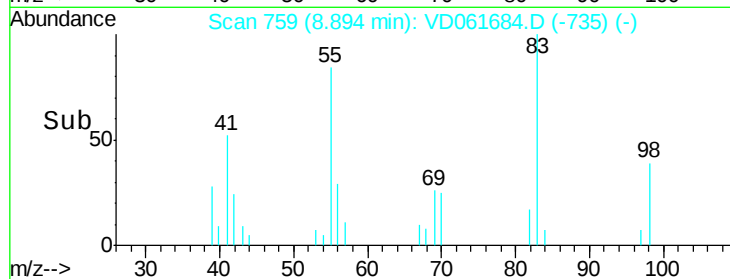
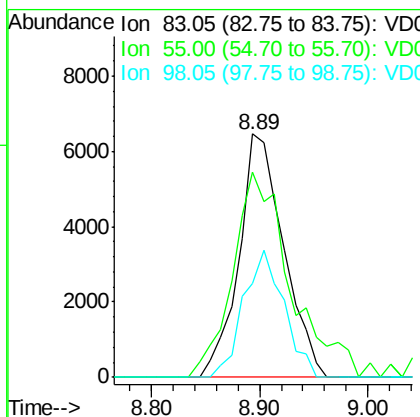
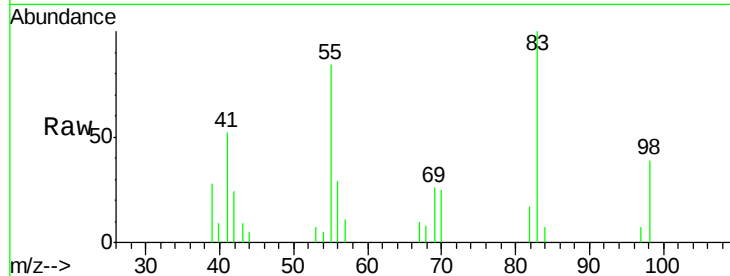




#39
Methvlcvclohexane
Concen: 2.809 ug/l
RT: 8.89 min Scan# 759
Delta R.T. 0.03 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

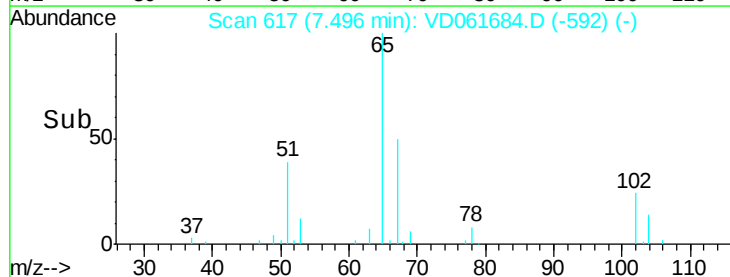
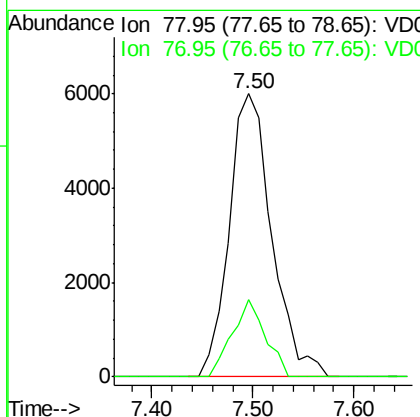
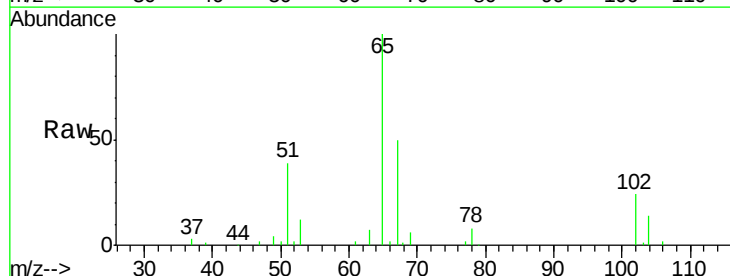
Instrument :
MSVOA_D
ClientSampled :

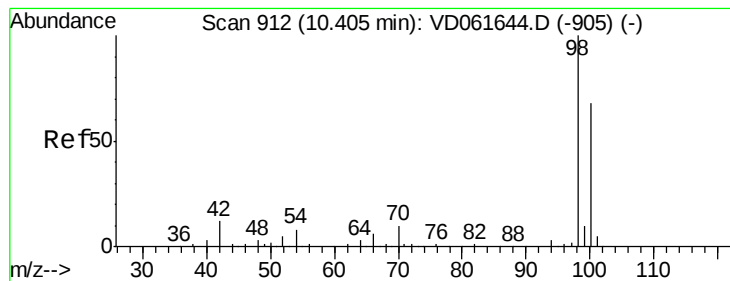
Tot Ion: 83 Resp: 18547
Ion Ratio Lower Upper
83 100
55 84.1 70.3 105.5
98 38.7 41.0 61.6#



#40
Benzene
Concen: 1.132 ug/l
RT: 7.50 min Scan# 617
Delta R.T. 0.04 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Tgt Ion: 78 Resp: 17565
Ion Ratio Lower Upper
78 100
77 27.3 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: VD061684.D

Acq: 9 Apr 2019 19:34

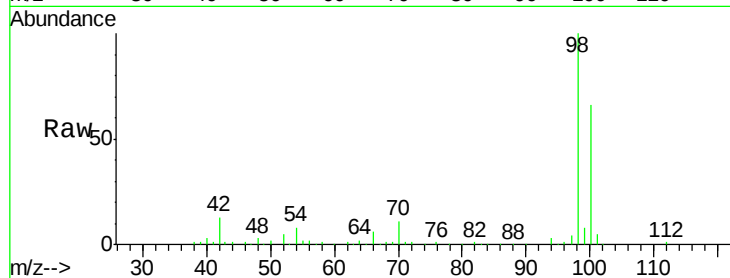
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 657271

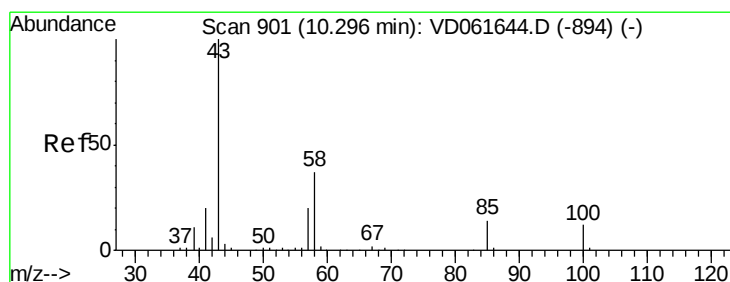
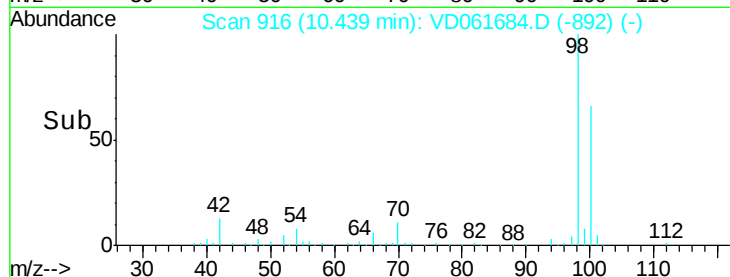
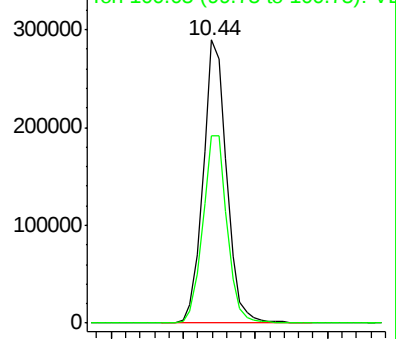
Ion Ratio Lower Upper

98 100

100 66.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061684.D (-905) (-)



#51

4-Methyl-2-Pentanone

Concen: 2.473 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.09 min

Lab File: VD061684.D

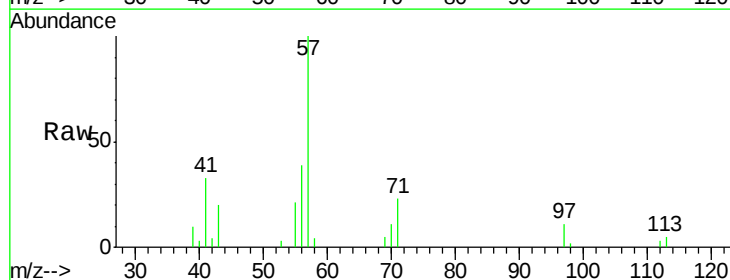
Acq: 9 Apr 2019 19:34

Tgt Ion: 43 Resp: 5560

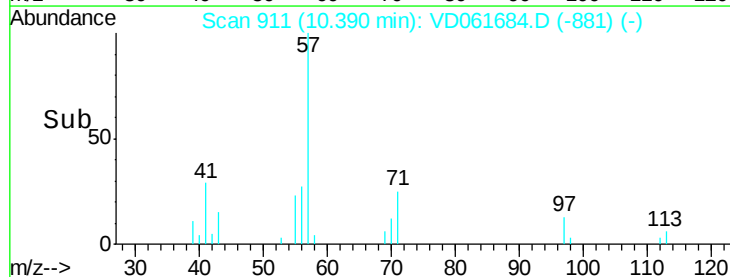
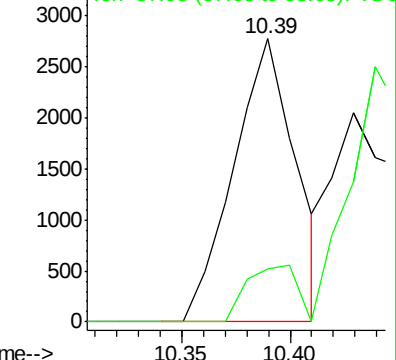
Ion Ratio Lower Upper

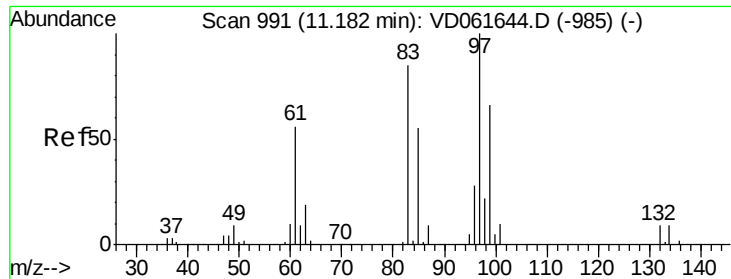
43 100

58 18.9 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061684.D (-881) (-)





#55

1,1,2-Trichloroethane

Concen: 2.961 ug/l

RT: 11.13 min Scan# 986

Delta R.T. -0.05 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 97 Resp: 9678

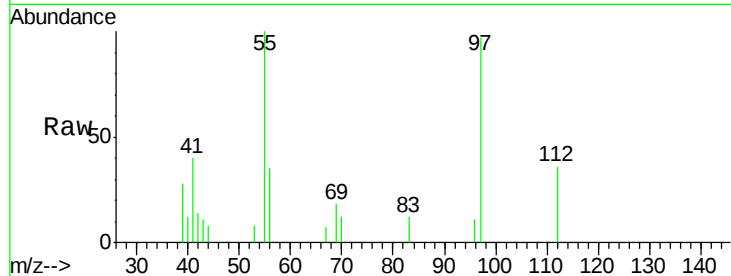
Ion Ratio Lower Upper

97 100

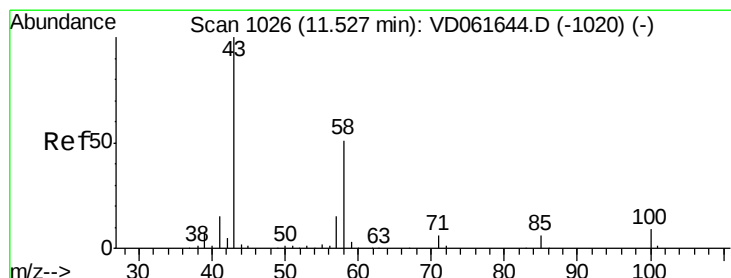
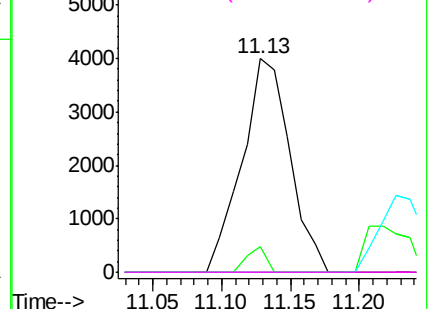
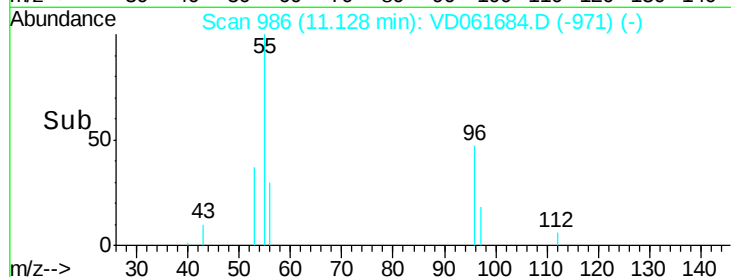
83 12.0 67.8 101.6#

85 0.0 43.8 65.8#

99 0.0 52.8 79.2#



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC



#59

2-Hexanone

Concen: 10.214 ug/l

RT: 11.66 min Scan# 1040

Delta R.T. 0.13 min

Lab File: VD061684.D

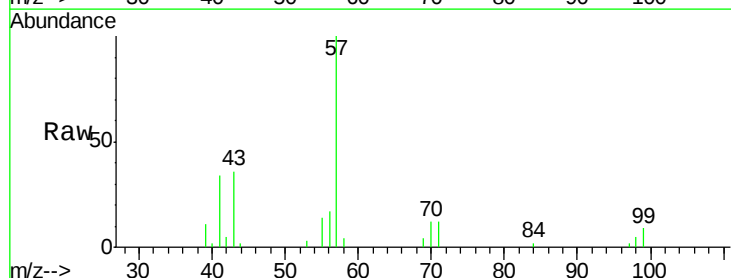
Acq: 9 Apr 2019 19:34

Tgt Ion: 43 Resp: 17825

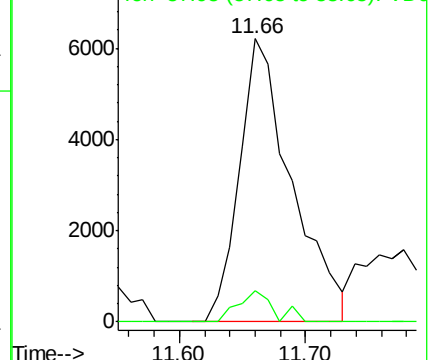
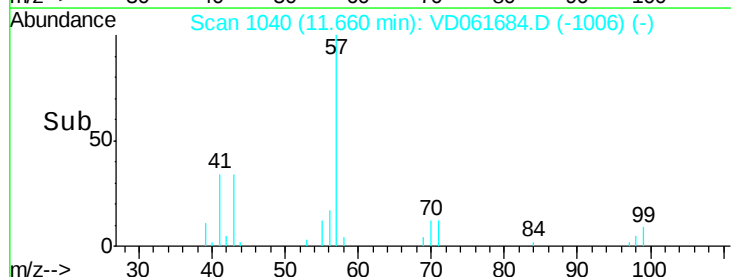
Ion Ratio Lower Upper

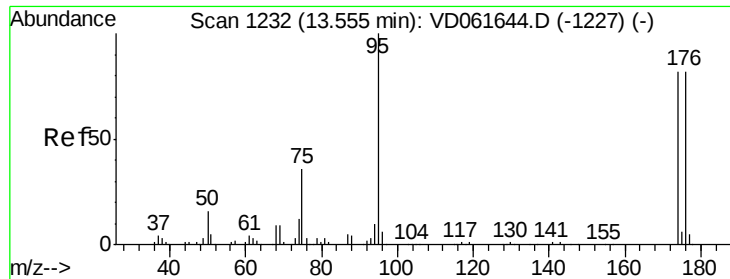
43 100

58 11.1 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: 13.63 min Scan# 1240

Delta R.T. 0.07 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

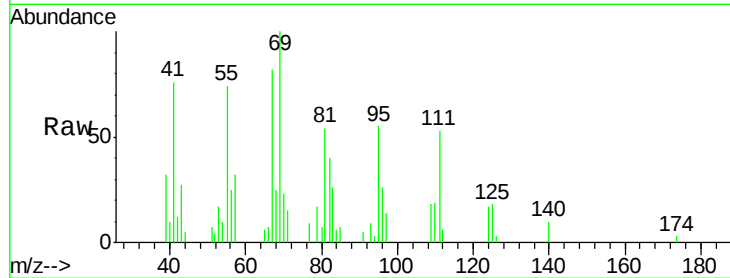
Tot Ion: 95 Resp: 9324

Ion Ratio Lower Upper

95 100

174 5.3 0.0 164.6

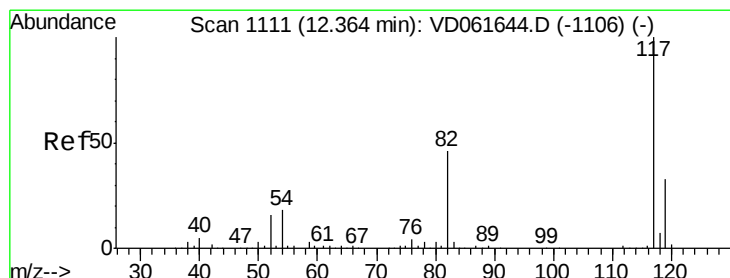
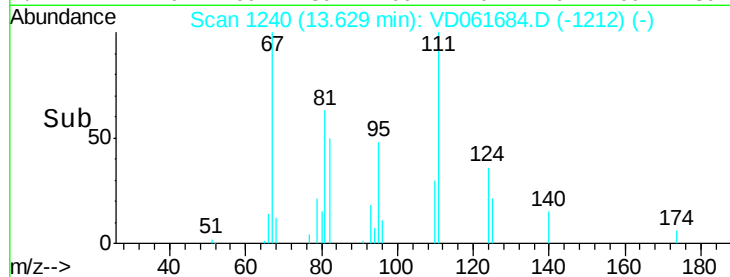
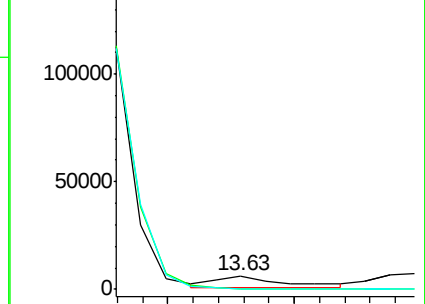
176 0.0 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.39 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

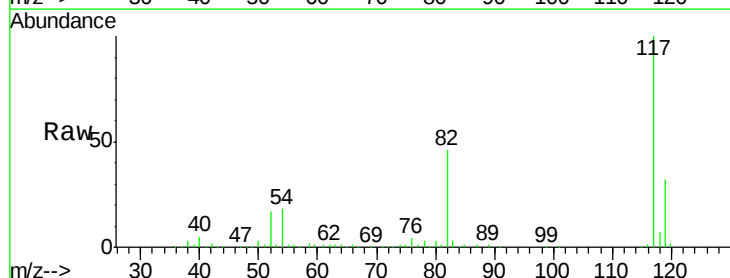
Tgt Ion: 117 Resp: 498422

Ion Ratio Lower Upper

117 100

82 45.9 36.8 55.2

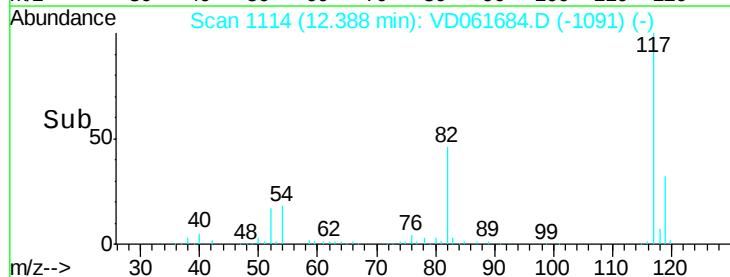
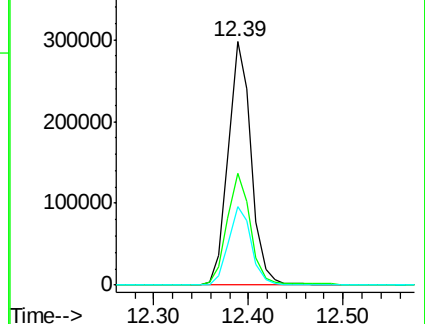
119 32.3 26.1 39.1

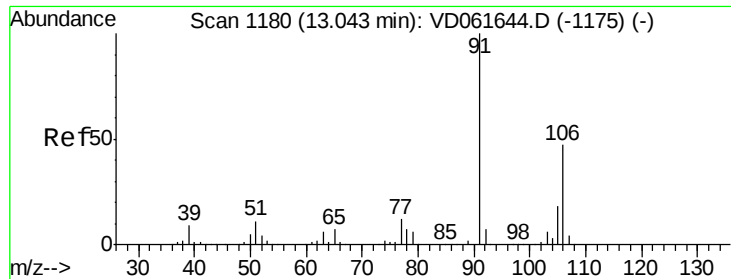


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

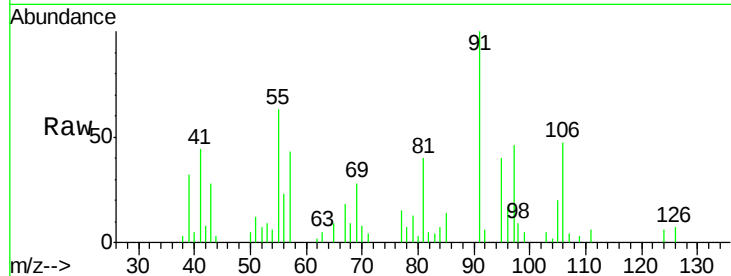




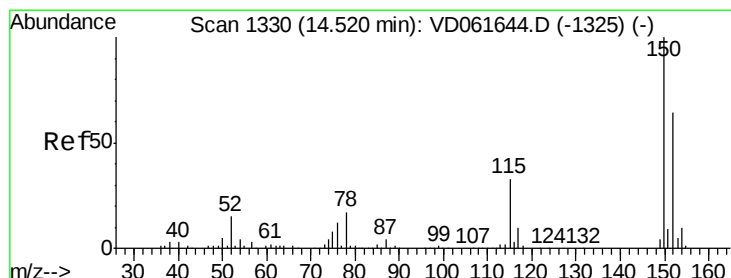
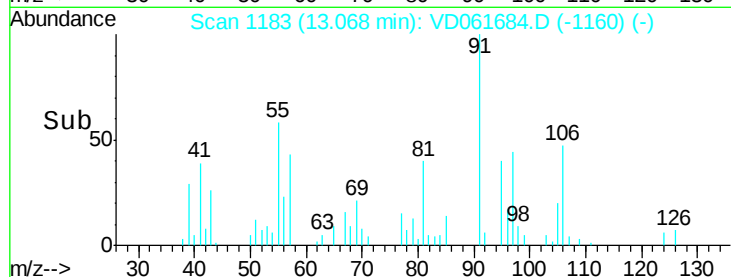
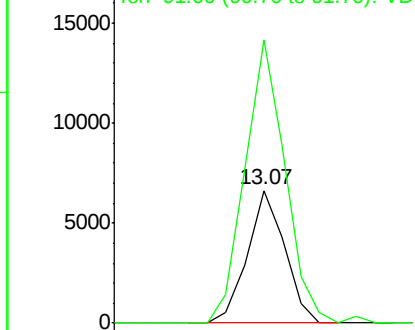
#69
o-Xylene
Concen: 1.623 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:106 Resp: 9091
Ion Ratio Lower Upper
106 100
91 213.5 107.3 321.9

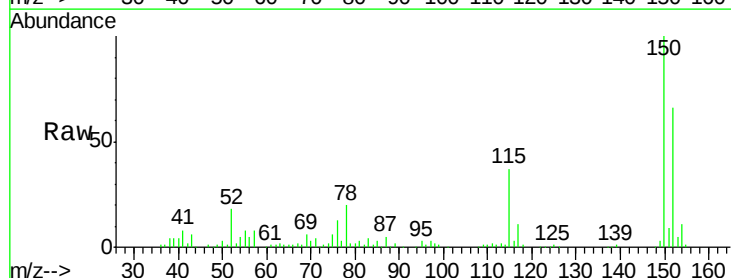


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

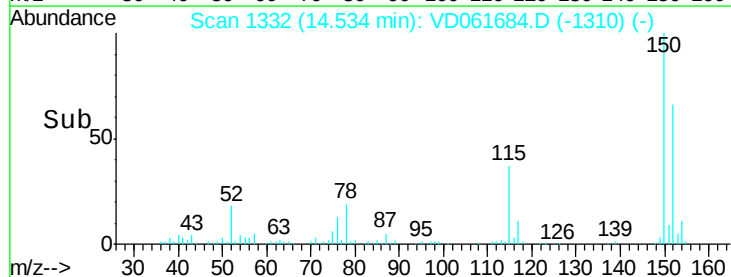
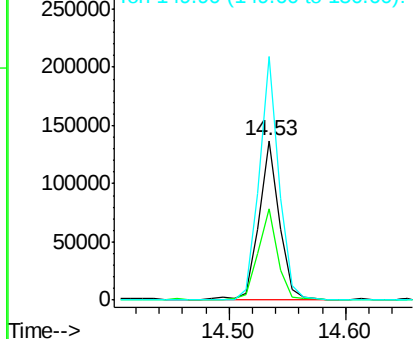


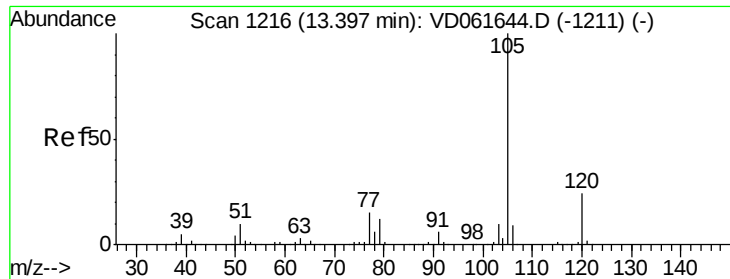
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Tgt Ion:152 Resp: 167669
Ion Ratio Lower Upper
152 100
115 56.9 26.4 79.2
150 152.4 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: 1.348 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

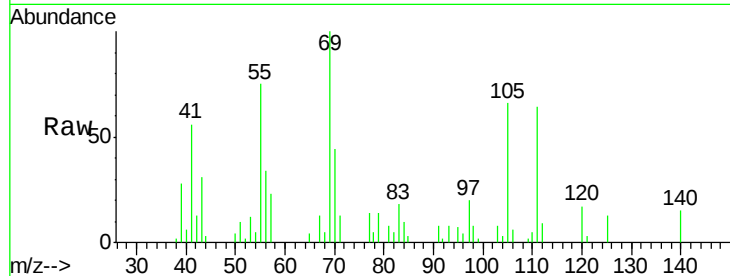
ClientSampleId :

Tot Ion:105 Resp: 15058

Ion Ratio Lower Upper

105 100

120 26.1 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

12000

10000

8000

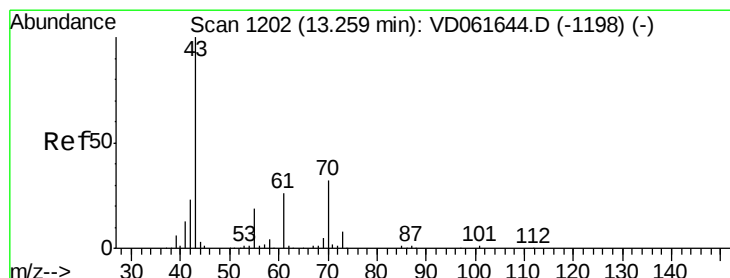
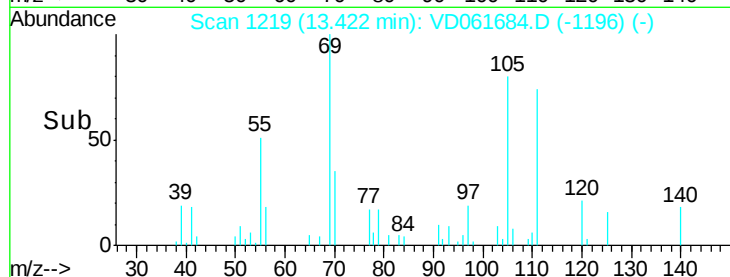
6000

4000

2000

0

Time--> 13.35 13.40 13.45



#74

N-ethyl acetate

Concen: 17.844 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Tgt Ion: 43 Resp: 54164

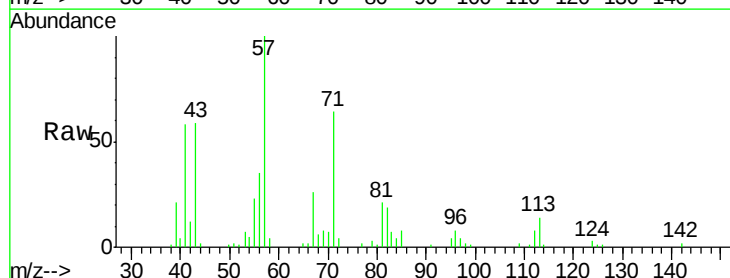
Ion Ratio Lower Upper

43 100

70 11.4 25.4 38.2#

55 39.3 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

50000

40000

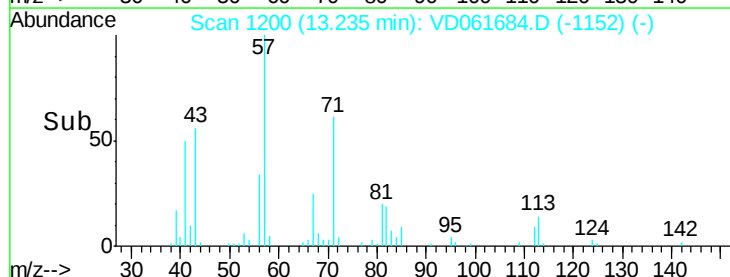
30000

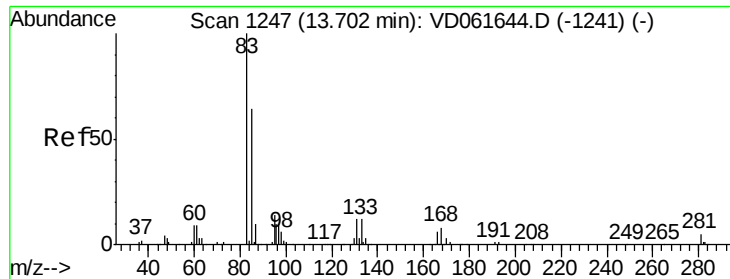
20000

10000

0

Time--> 13.20 13.25





#75

1,1,2,2-Tetrachloroethane

Concen: 10.347 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

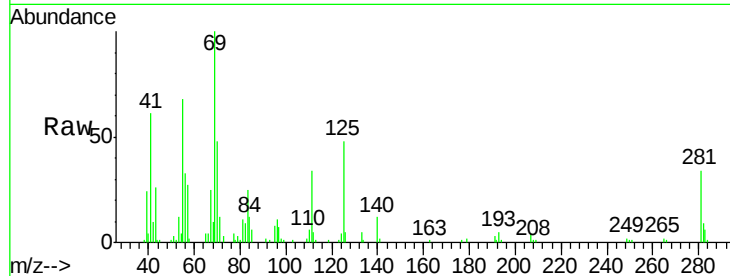
Tot Ion: 83 Resp: 23902

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

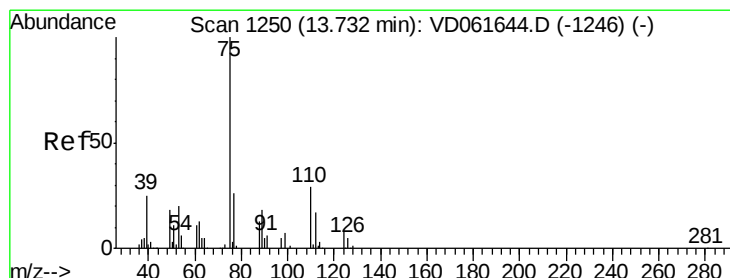
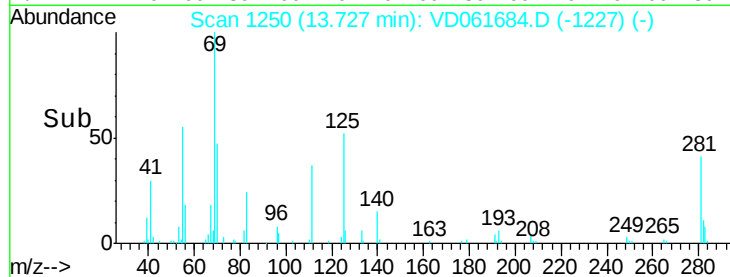
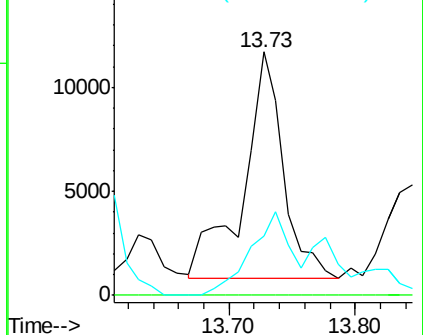
85 24.4 32.0 96.2#



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: 33.542 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD061684.D

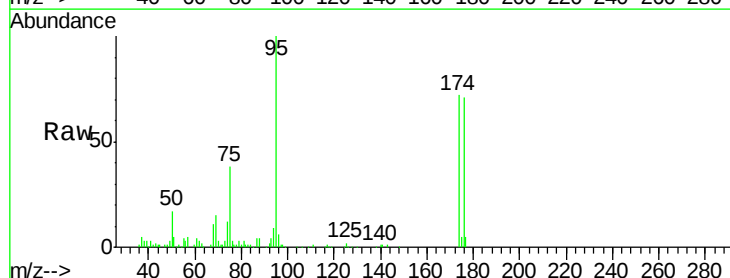
Acq: 9 Apr 2019 19:34

Tgt Ion: 75 Resp: 76514

Ion Ratio Lower Upper

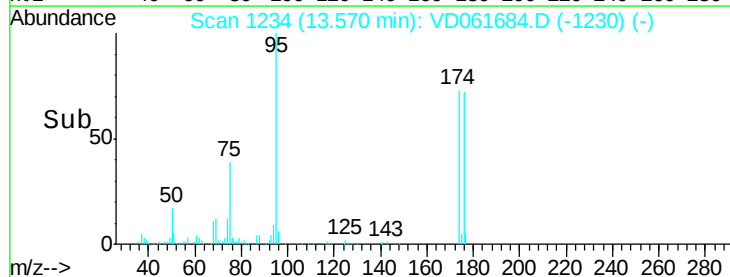
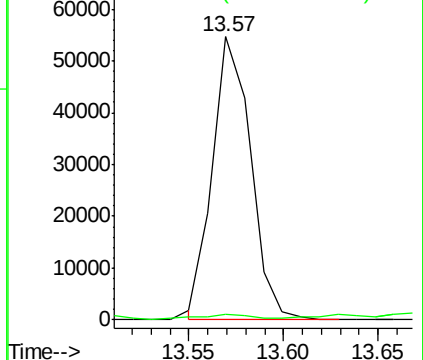
75 100

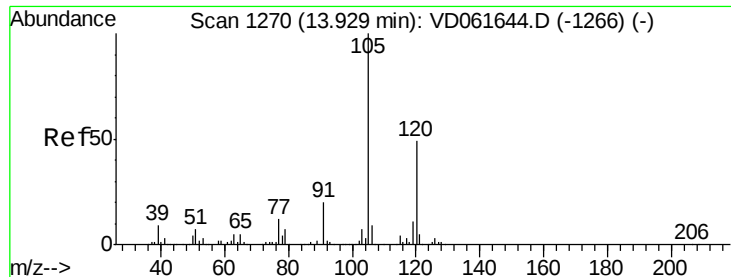
77 2.1 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#80

1,3,5-Trimethylbenzene

Concen: 3.820 ug/l

RT: 13.95 min Scan# 1273

Delta R.T. 0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

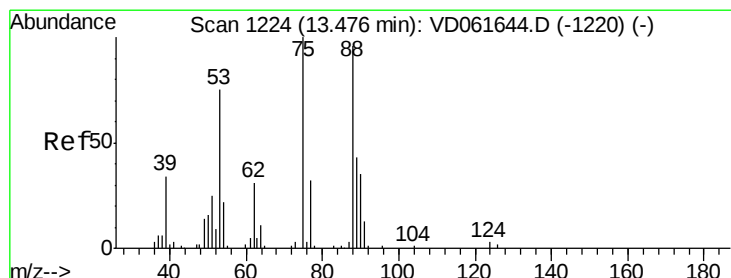
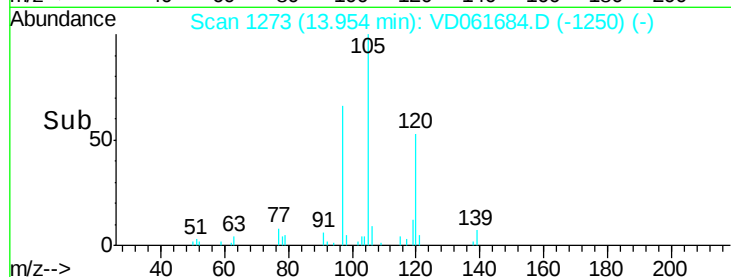
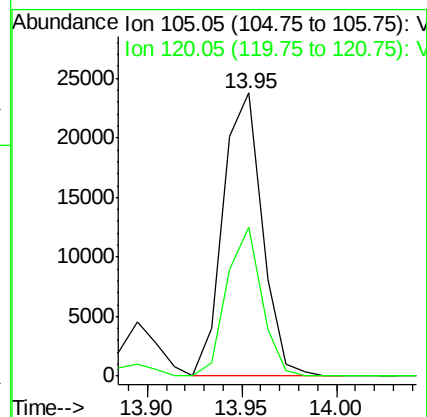
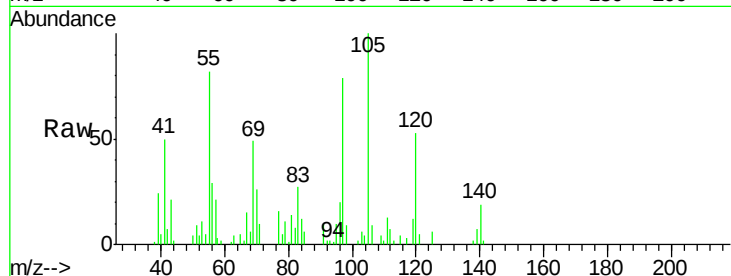
ClientSampled :

Tot Ion:105 Resp: 33877

Ion Ratio Lower Upper

105 100

120 52.7 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 112.003 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

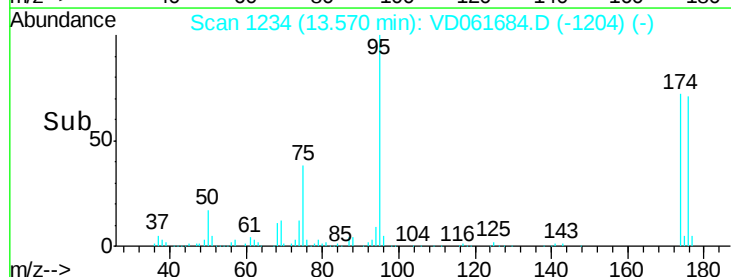
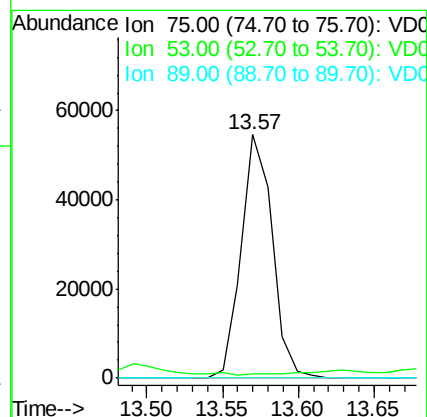
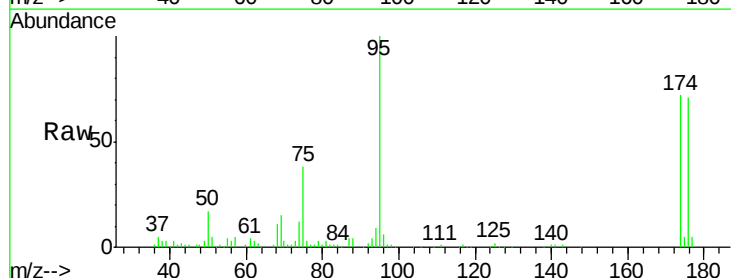
Tgt Ion: 75 Resp: 77531

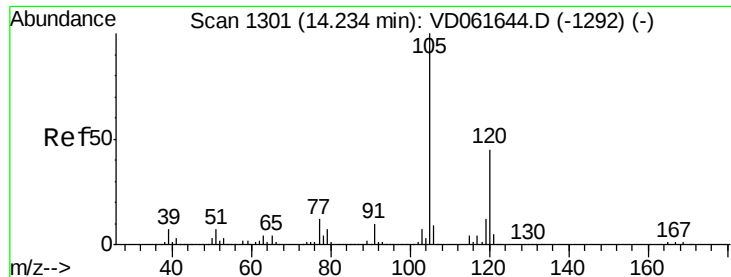
Ion Ratio Lower Upper

75 100

53 1.9 60.2 90.2#

89 0.0 34.2 51.2#

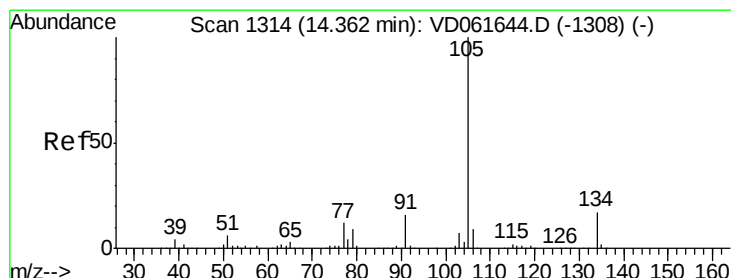
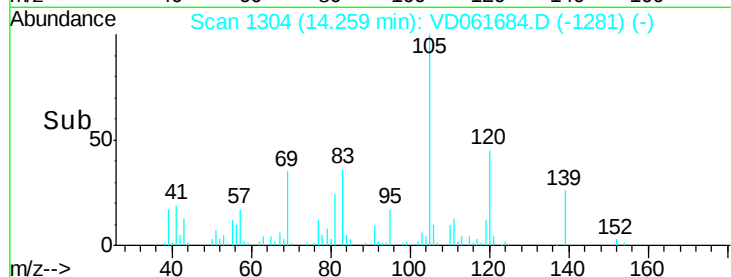
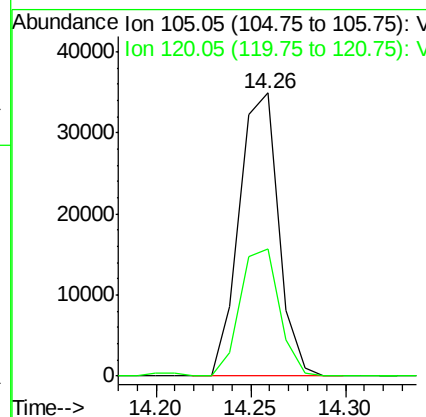
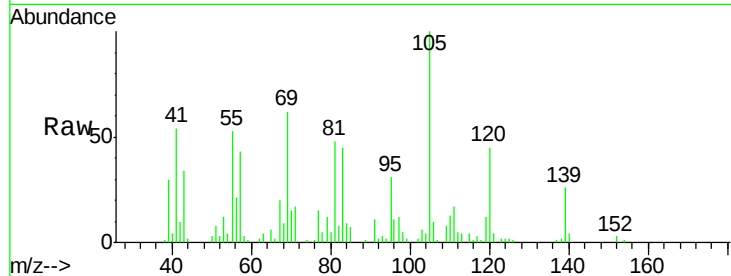




#84
 1,2,4-Trimethylbenzene
 Concen: 5.589 ug/l
 RT: 14.26 min Scan# 1304
 Delta R.T. 0.02 min
 Lab File: VD061684.D
 Acq: 9 Apr 2019 19:34

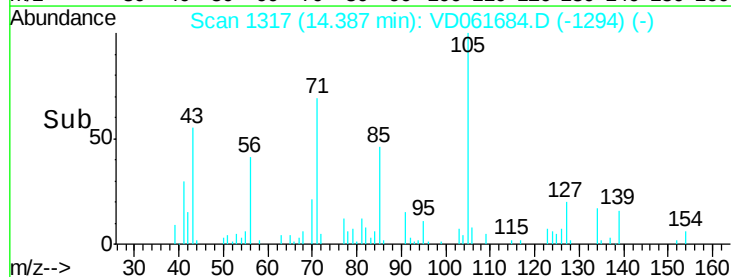
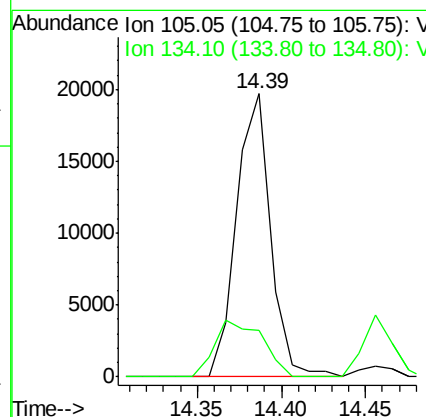
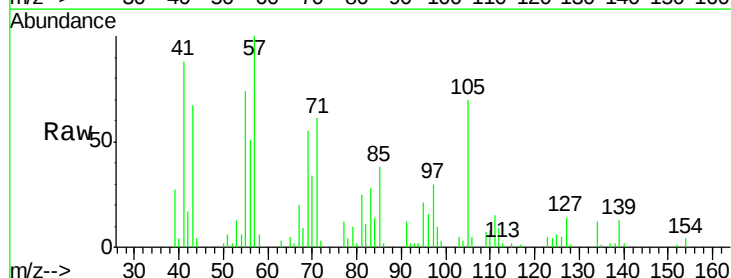
Instrument :
 MSVOA_D
 ClientSampled :

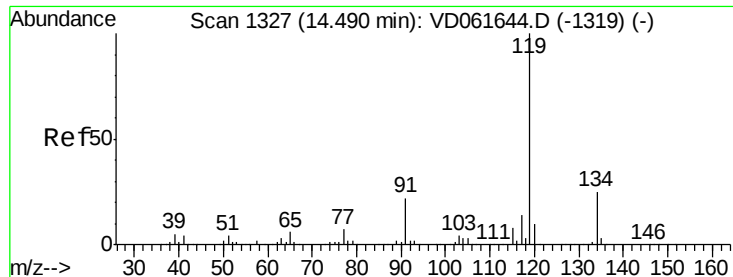
Tot Ion:105 Resp: 50016
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 2.391 ug/l
 RT: 14.39 min Scan# 1317
 Delta R.T. 0.02 min
 Lab File: VD061684.D
 Acq: 9 Apr 2019 19:34

Tgt Ion:105 Resp: 27614
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.6 25.7

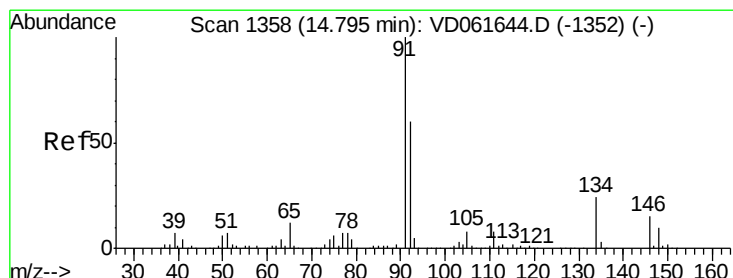
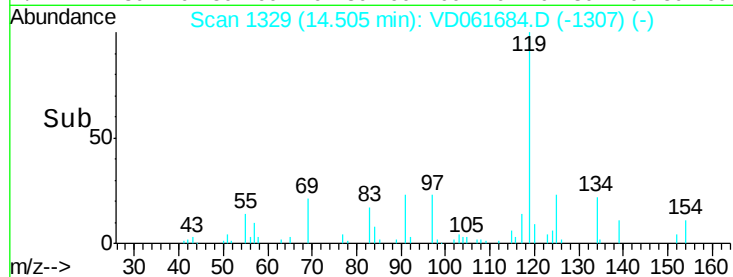
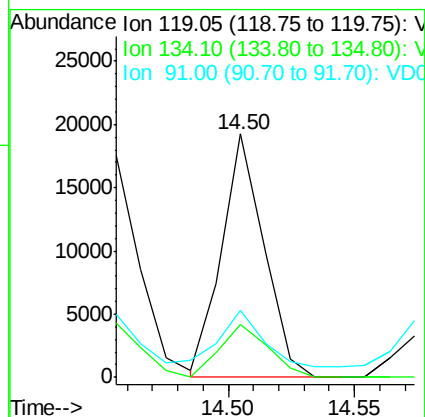
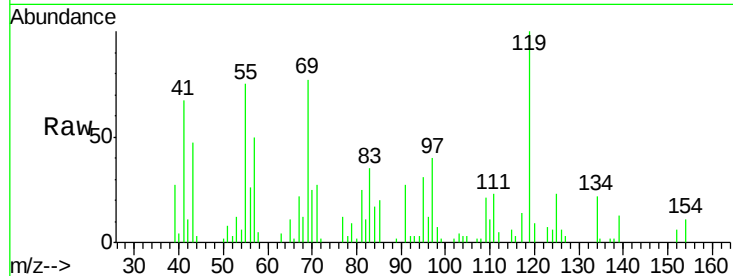




#86
p-Isopropyltoluene
Concen: 2.232 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. 0.01 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

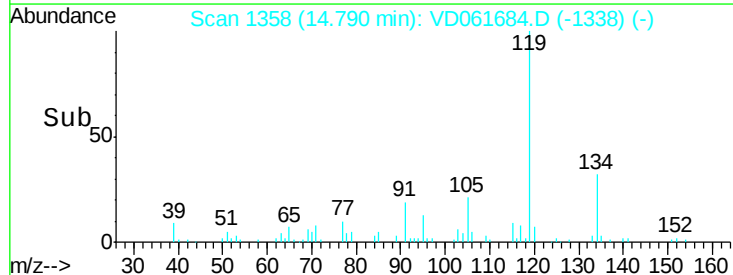
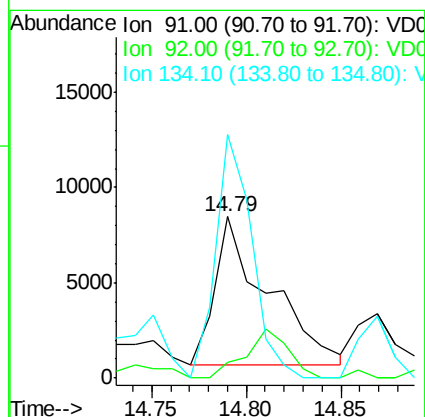
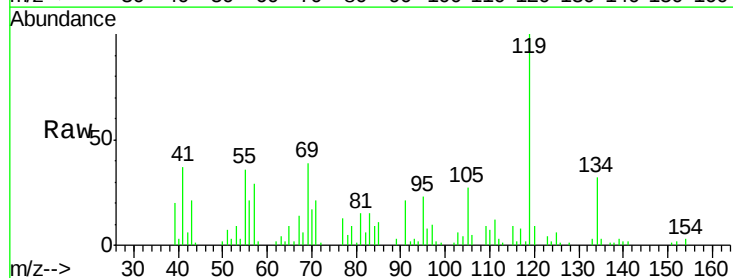
Instrument :
MSVOA_D
ClientSampleID :

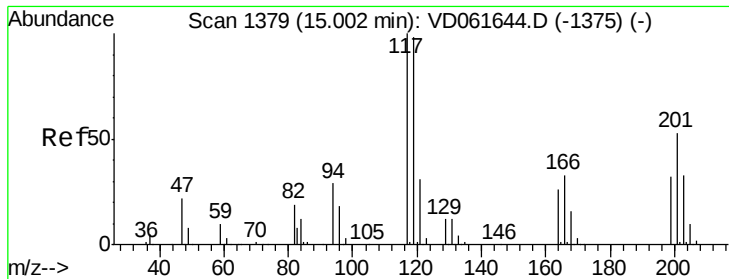
Tot Ion:119 Resp: 22365
Ion Ratio Lower Upper
119 100
134 21.6 12.5 37.5
91 27.3 11.0 33.0



#89
n-Butylbenzene
Concen: 1.742 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD061684.D
Acq: 9 Apr 2019 19:34

Tgt Ion: 91 Resp: 15172
Ion Ratio Lower Upper
91 100
92 9.8 29.8 89.4#
134 151.1 12.2 36.4#





#90

Hexachloroethane

Concen: 1.376 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

Instrument :

MSVOA_D

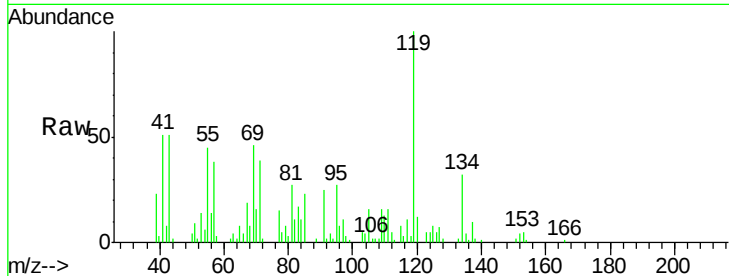
ClientSampled :

Tot Ion:117 Resp: 3742

Ion Ratio Lower Upper

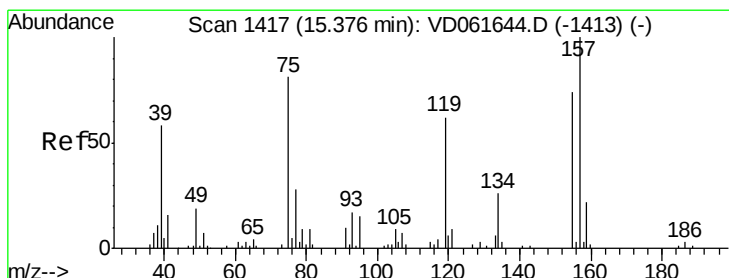
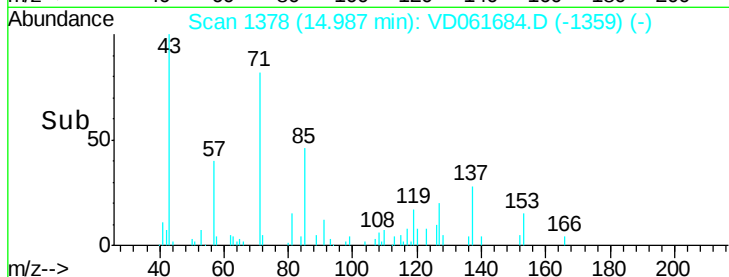
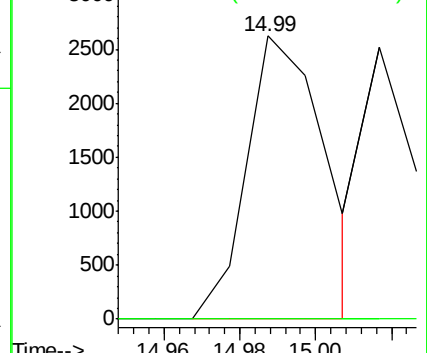
117 100

201 0.0 26.3 78.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.747 ug/l

RT: 15.39 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VD061684.D

Acq: 9 Apr 2019 19:34

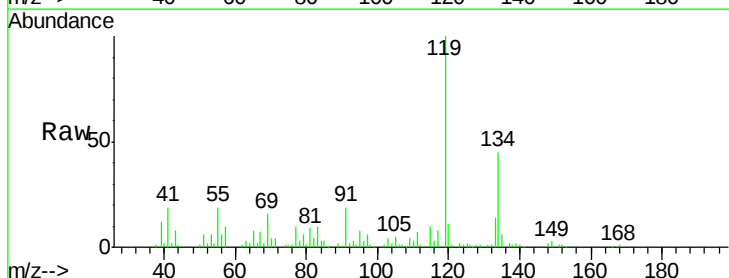
Tgt Ion: 75 Resp: 487

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.7#

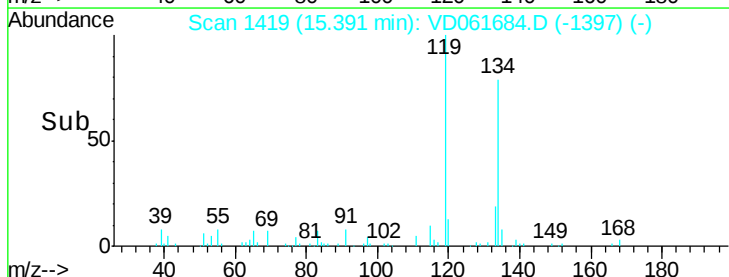
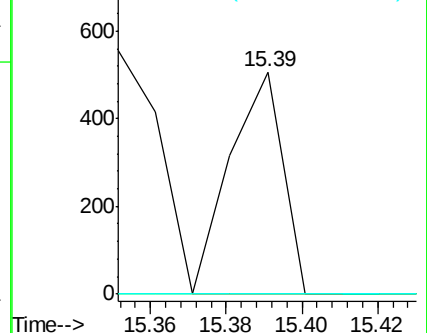
157 0.0 61.4 184.2#

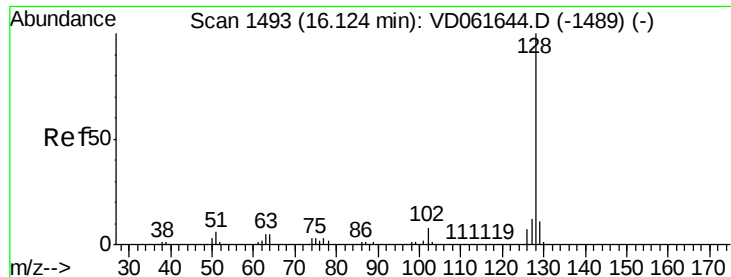


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

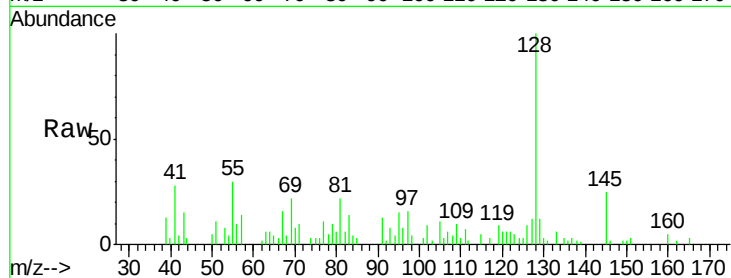




#95
 Naphthalene
 Concen: 6.228 ug/l
 RT: 16.14 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: VD061684.D
 Acq: 9 Apr 2019 19:34

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:128 Resp: 23093
 Ion Ratio Lower Upper
 128 100
 127 12.0 9.4 14.2
 129 11.8 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

