

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061672.D
 Acq On : 9 Apr 2019 13:49
 Operator : VA/AP
 Sample : VD0409SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:50:54 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	7.07	168	622768	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1061839	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	901936	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	442179	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	249788	52.92	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	105.84%	
35) Dibromofluoromethane	6.95	113	381403	51.85	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	103.70%	
50) Toluene-d8	10.43	98	846309	45.79	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	91.58%	
62) 4-Bromofluorobenzene	13.57	95	350808	55.18	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	110.36%	

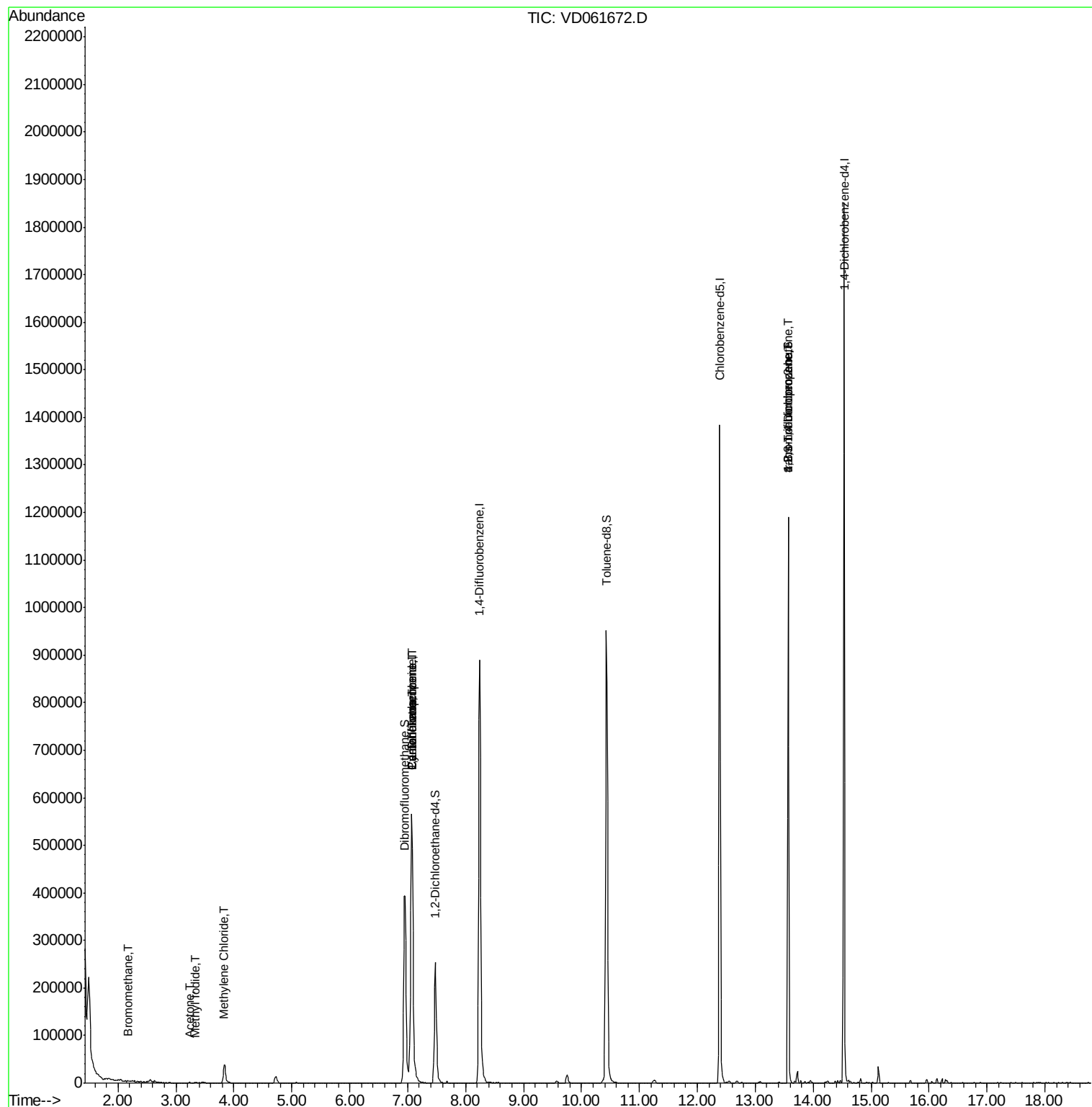
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1645	1.401	ug/l #	12
10) Methyl Iodide	3.34	142	2260	3.841	ug/l #	38
16) Acetone	3.23	43	1840	1.304	ug/l #	82
20) Methylene Chloride	3.84	84	28267	3.530	ug/l	98
31) Cyclohexane	7.06	56	11558	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	44628	4.802	ug/l #	45
38) Carbon Tetrachloride	7.07	117	60387	5.544	ug/l #	14
76) 1,2,3-Trichloropropane	13.57	75	129412	21.512	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	133017	72.865	ug/l #	20

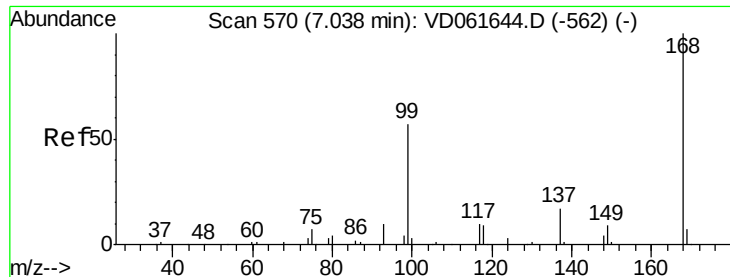
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
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Acq On : 9 Apr 2019 13:49
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Sample : VD0409SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 10 00:50:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Instrument :

MSVOA_D

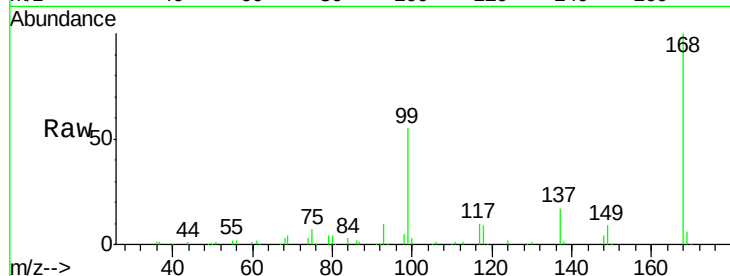
ClientSampleId :

Tot Ion:168 Resp: 622768

Ion Ratio Lower Upper

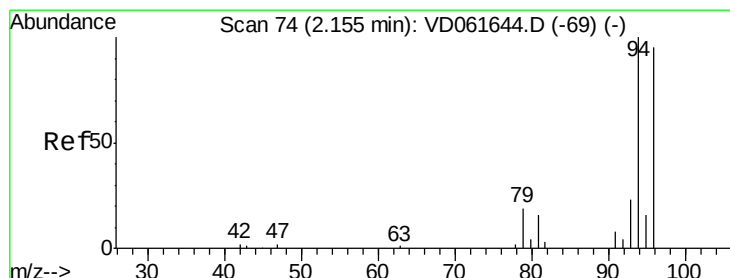
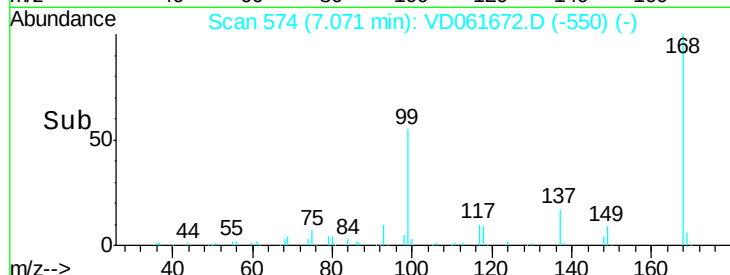
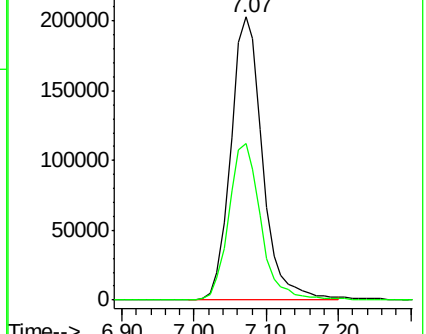
168 100

99 55.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.401 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.02 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

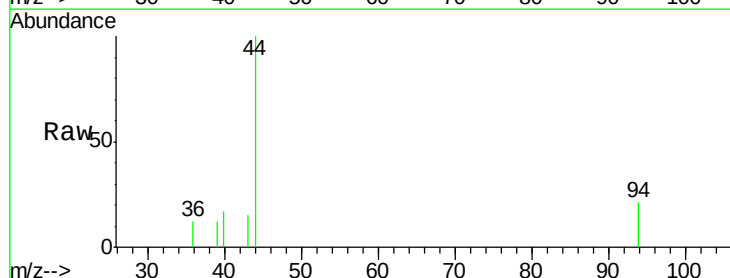
Tgt Ion: 94 Resp: 1645

Ion Ratio Lower Upper

94 100

96 0.0 75.8 113.8#

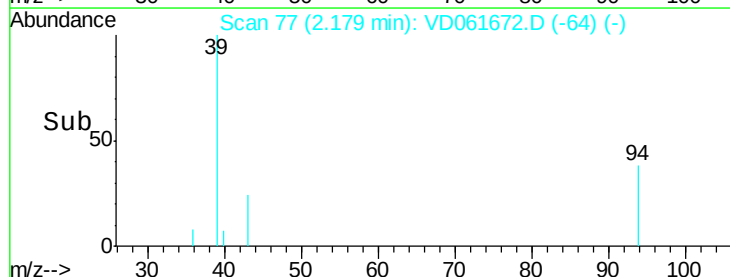
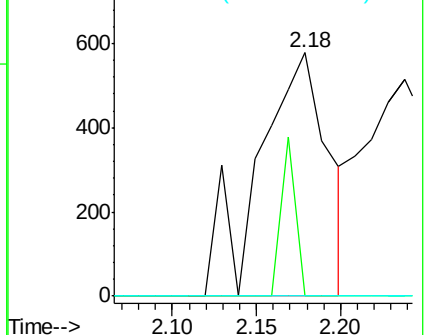
93 0.0 18.6 28.0#

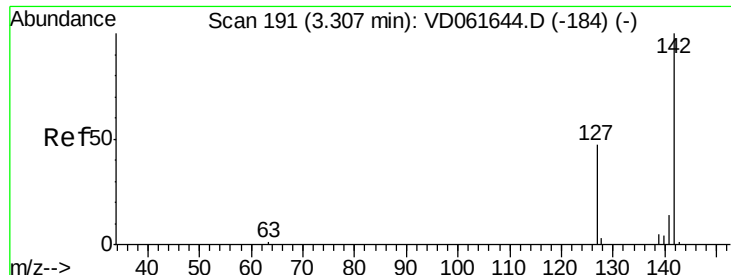


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

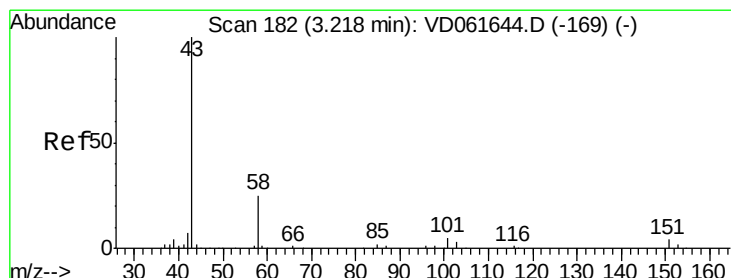
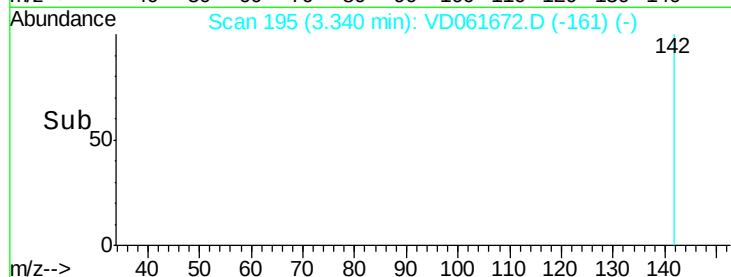
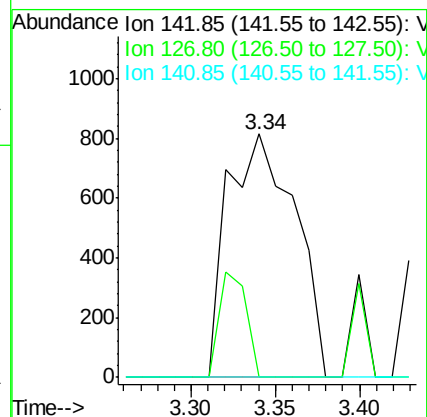
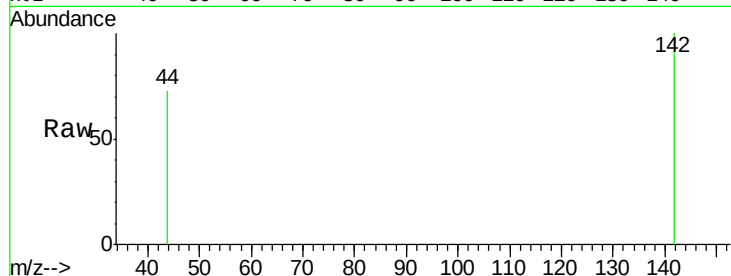




#10
Methvl Iodide
Concen: 3.841 ug/l
RT: 3.34 min Scan# 195
Delta R.T. 0.03 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

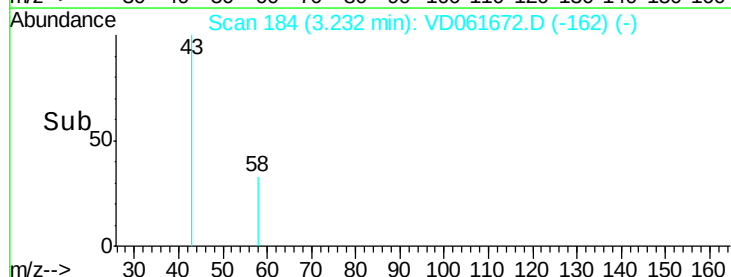
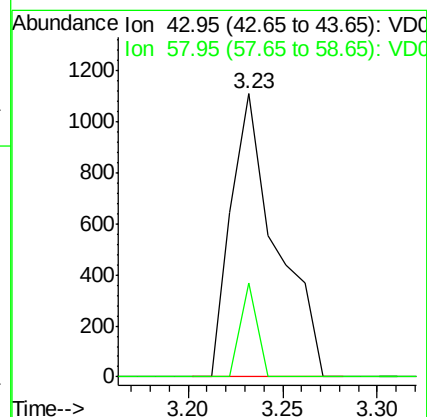
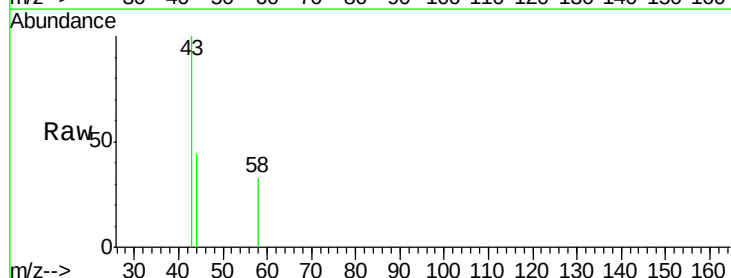
Instrument :
MSVOA_D
ClientSampleId :

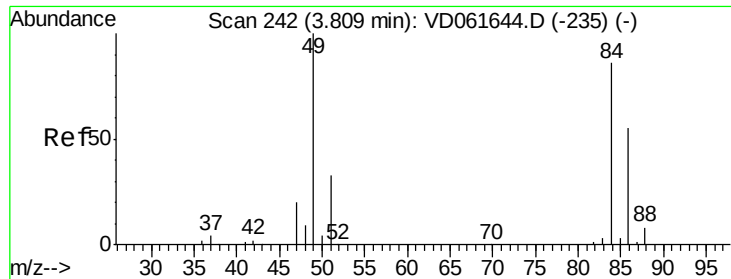
Tot Ion:142 Resp: 2260
Ion Ratio Lower Upper
142 100
127 0.0 37.2 55.8#
141 0.0 10.8 16.2#



#16
Acetone
Concen: 1.304 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 33.4 19.7 29.5#

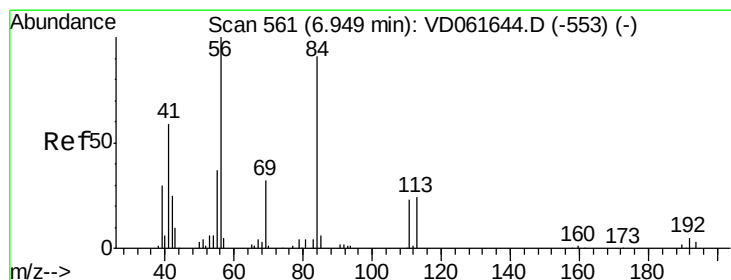
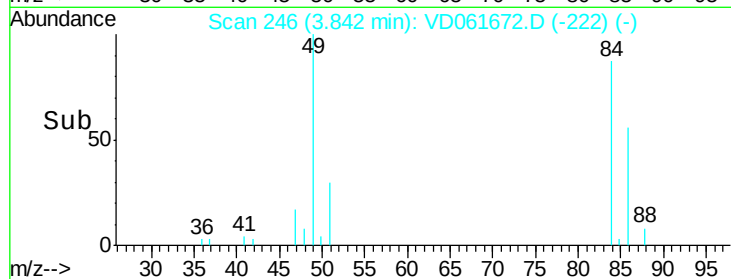
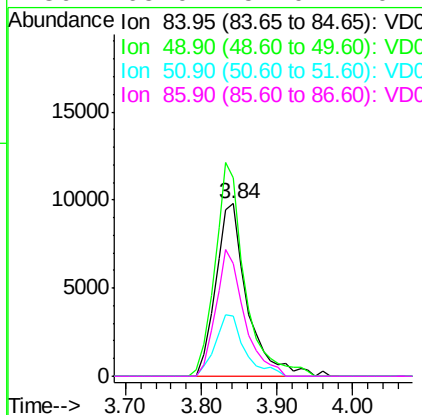
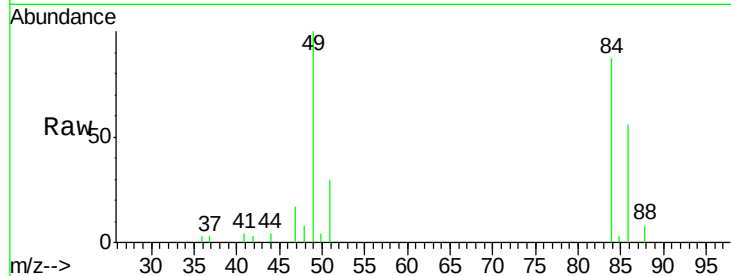




#20
Methylene Chloride
Concen: 3.530 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

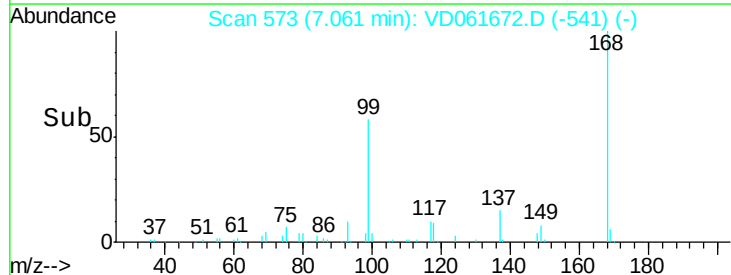
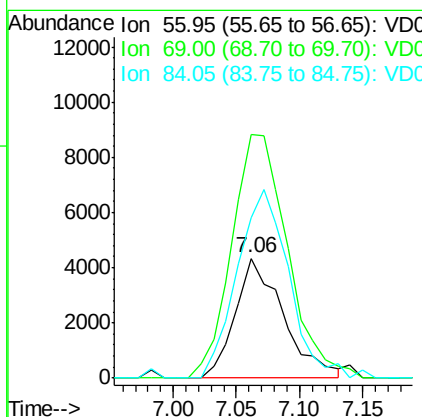
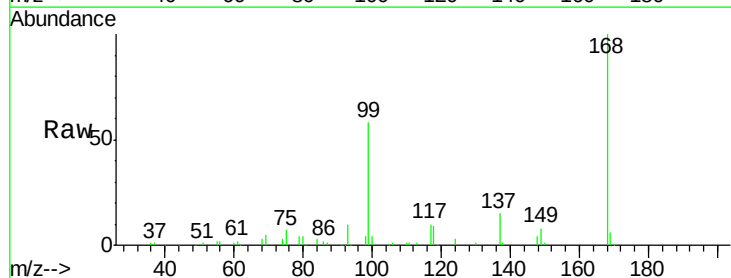
Instrument :
MSVOA_D
ClientSampleId :

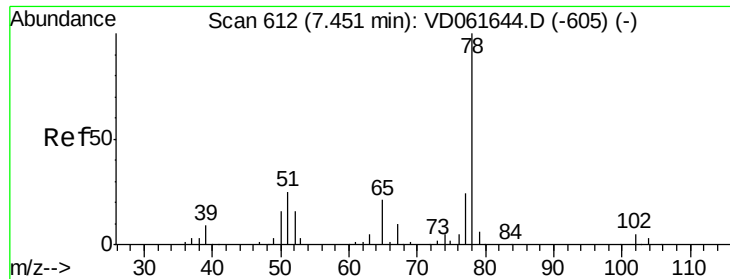
Tot Ion: 84 Resp: 28267
Ion Ratio Lower Upper
84 100
49 115.4 93.0 139.4
51 35.1 30.4 45.6
86 65.0 51.0 76.4



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

Tgt Ion: 56 Resp: 11558
Ion Ratio Lower Upper
56 100
69 202.9 25.8 38.6#
84 133.9 74.2 111.2#

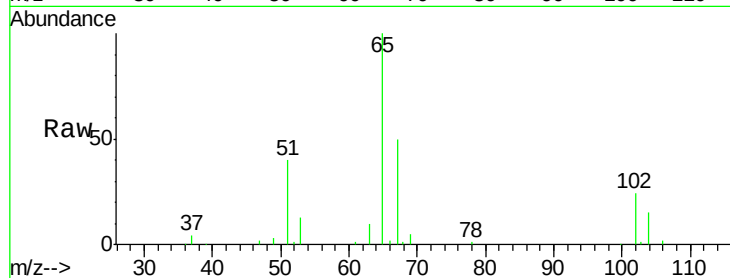




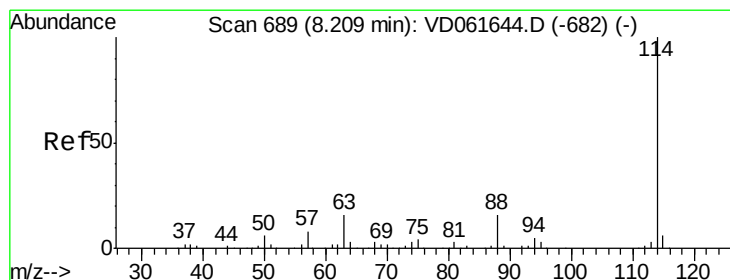
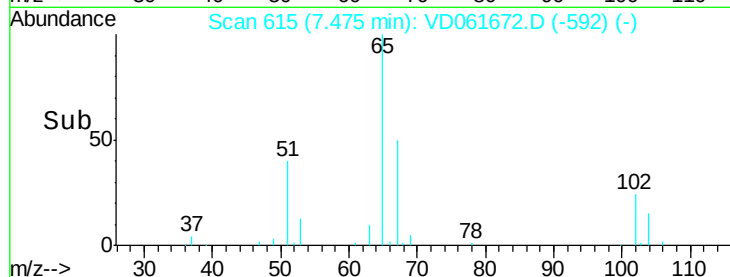
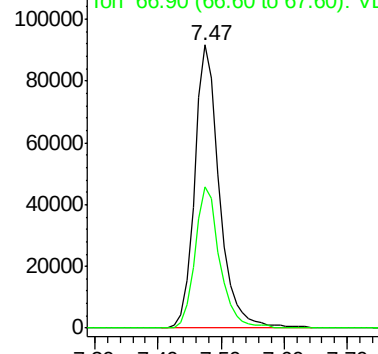
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion: 65 Resp: 249788
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.4

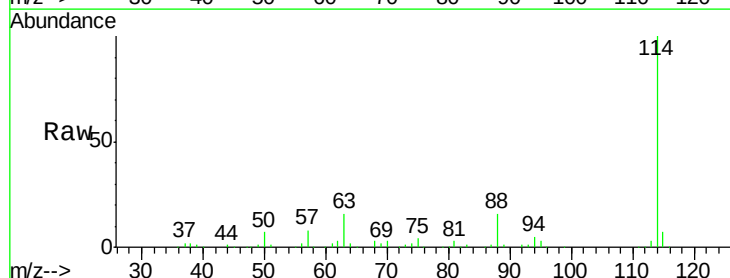


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

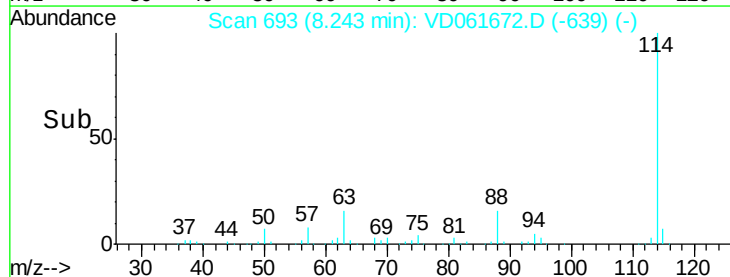
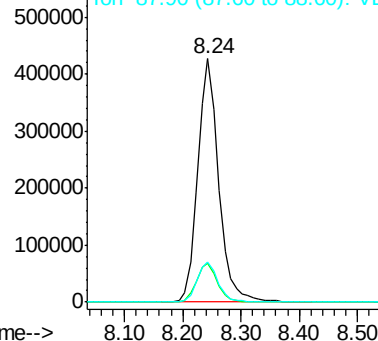


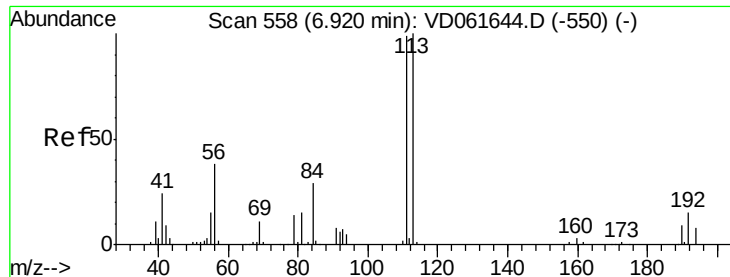
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

Tgt Ion: 114 Resp: 1061839
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 16.4 0.0 31.8



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

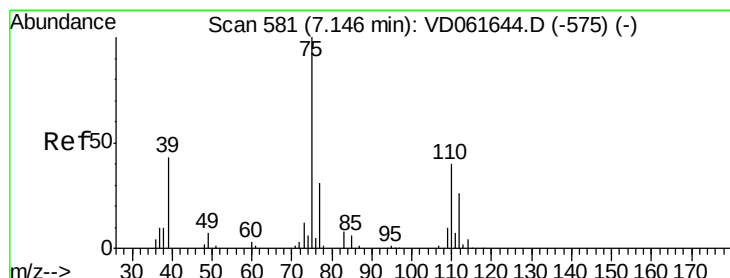
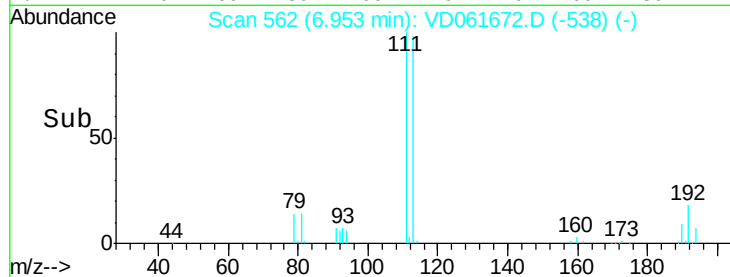
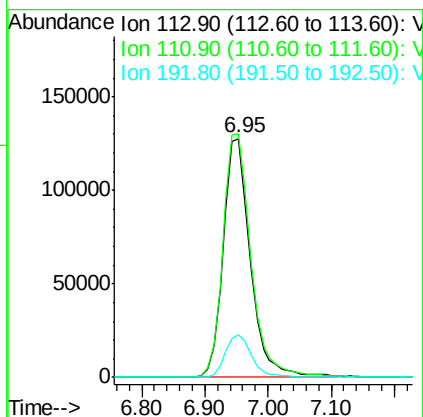
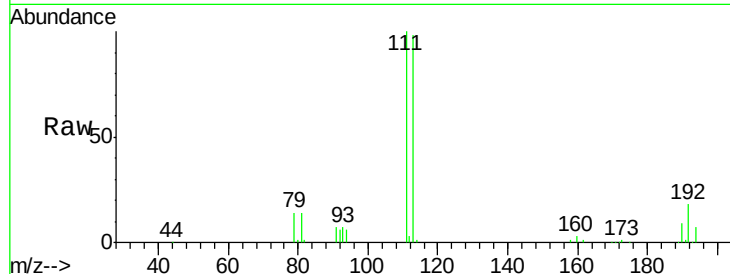




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

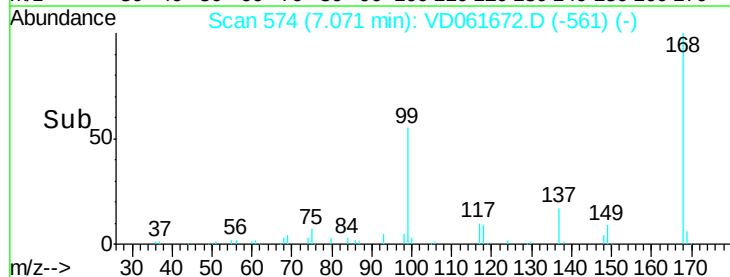
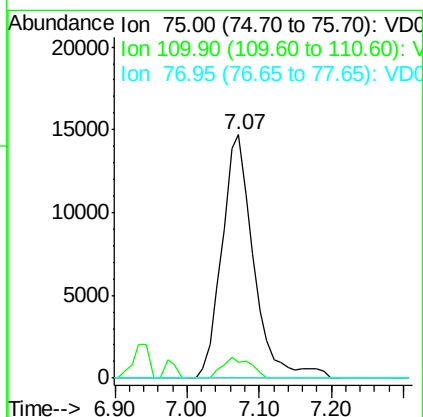
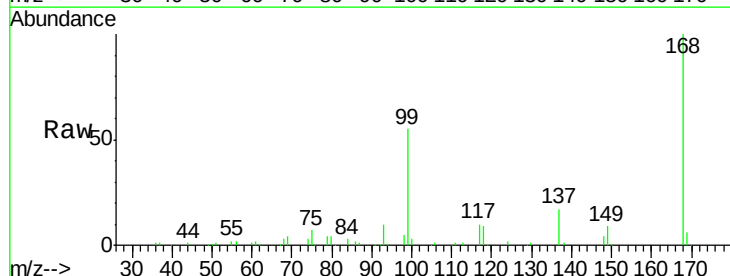
Instrument :
 MSVOA_D
 ClientSampleId :

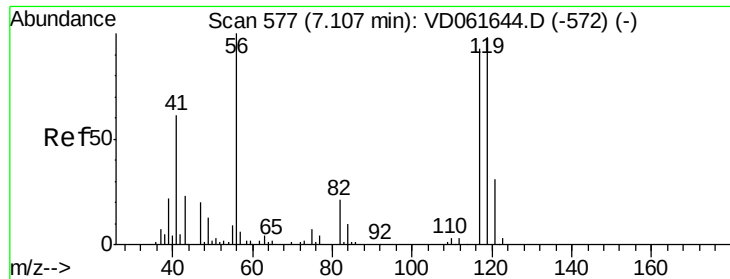
Tot Ion:113 Resp: 381403
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.3 118.9
 192 17.9 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.07 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

Tgt Ion: 75 Resp: 44628
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.7 59.0#
 77 0.0 24.8 37.2#

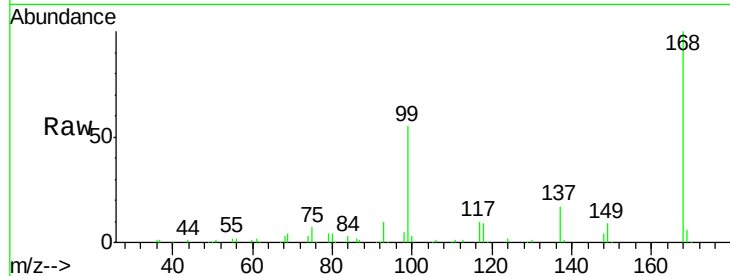




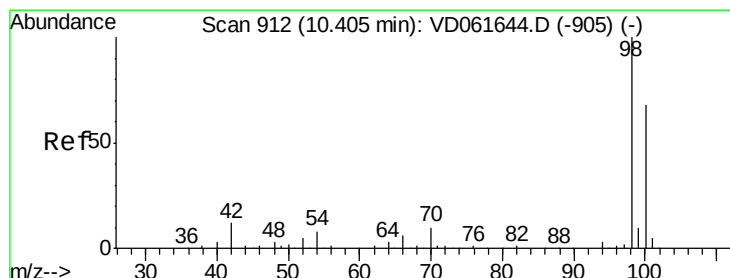
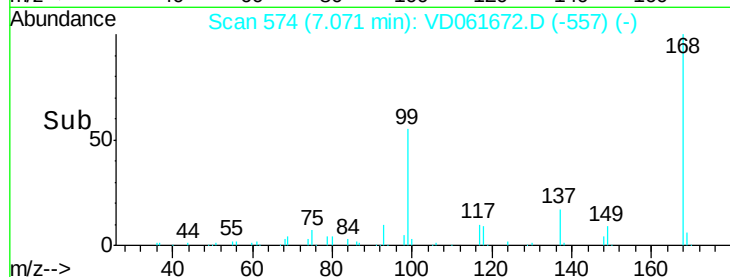
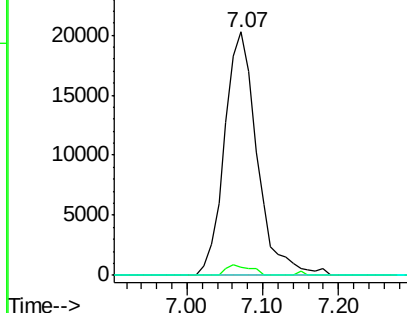
#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.04 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 60387
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.7 37.1#

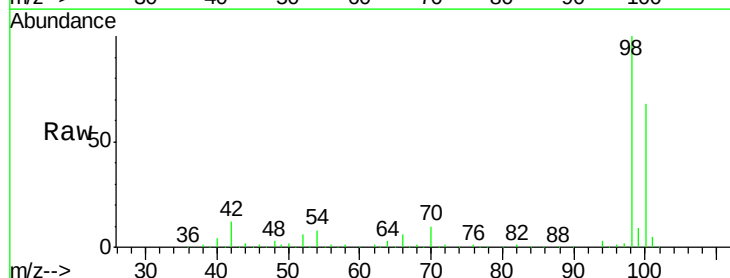


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

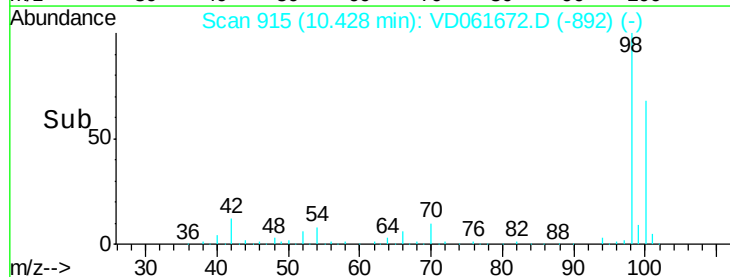
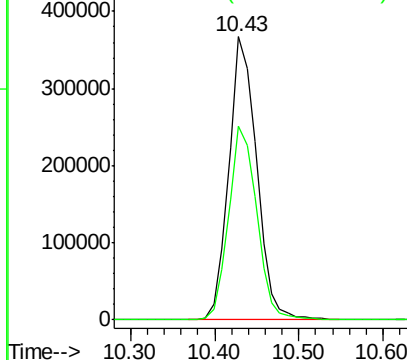


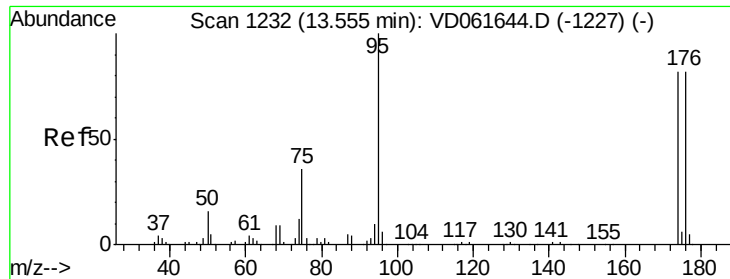
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

Tgt Ion: 98 Resp: 846309
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.01 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

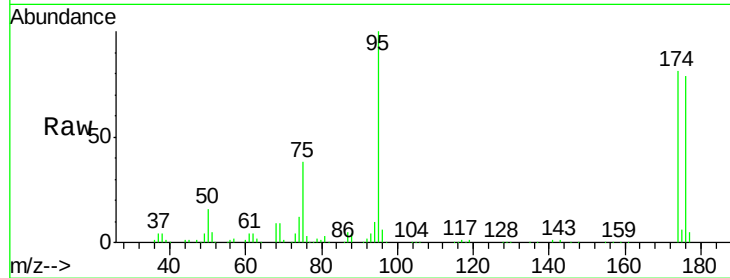
Tot Ion: 95 Resp: 350808

Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.6

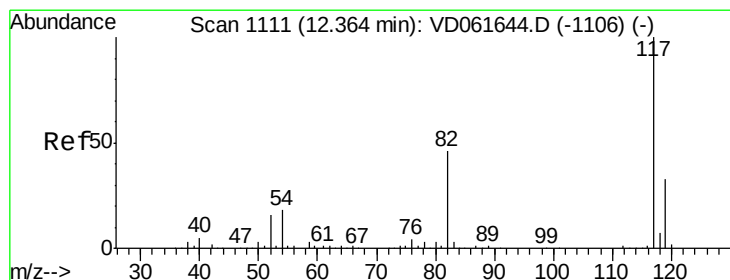
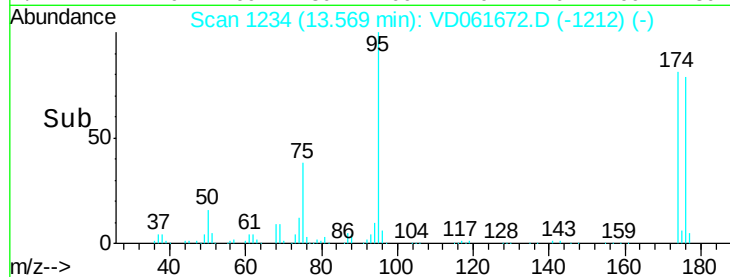
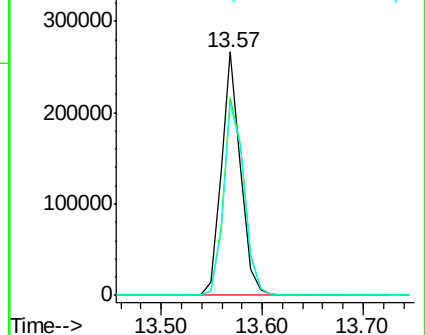
176 79.1 0.0 165.0



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: VD061672.D

Acq: 9 Apr 2019 13:49

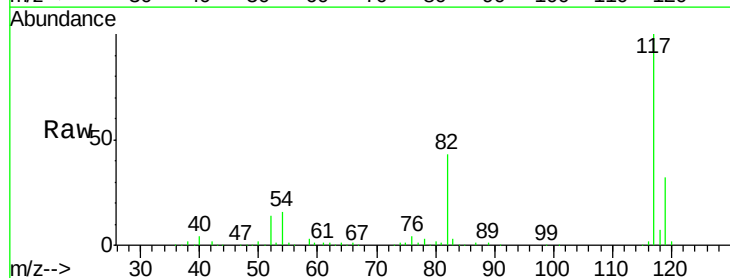
Tgt Ion: 117 Resp: 901936

Ion Ratio Lower Upper

117 100

82 42.9 36.8 55.2

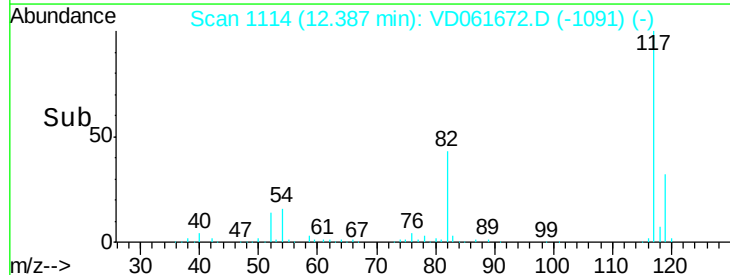
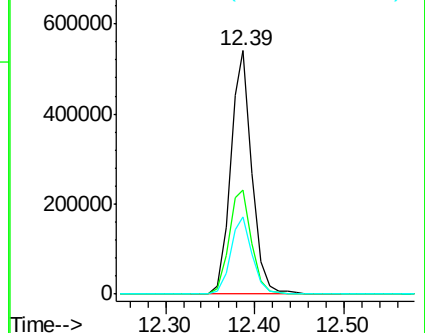
119 32.0 26.1 39.1

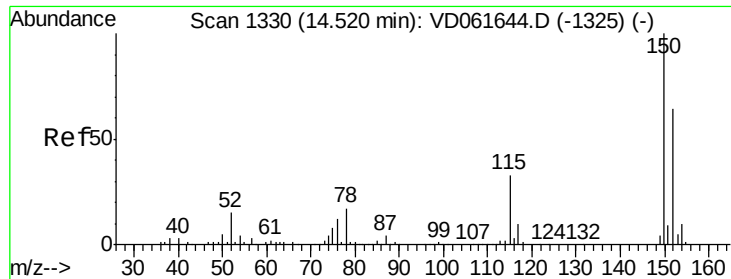


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

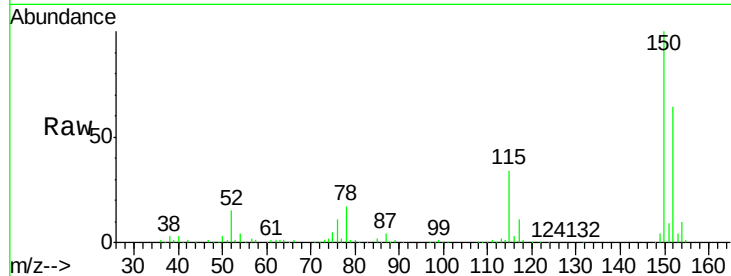
Tot Ion:152 Resp: 442179

Ion Ratio Lower Upper

152 100

115 52.3 26.4 79.2

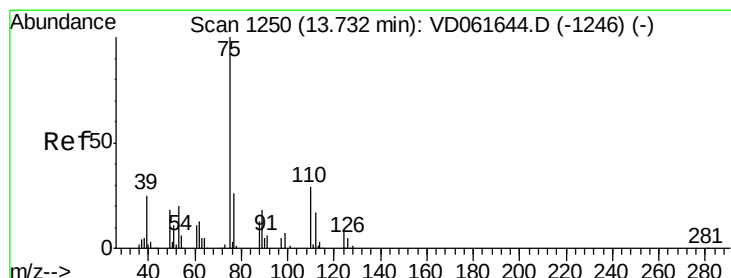
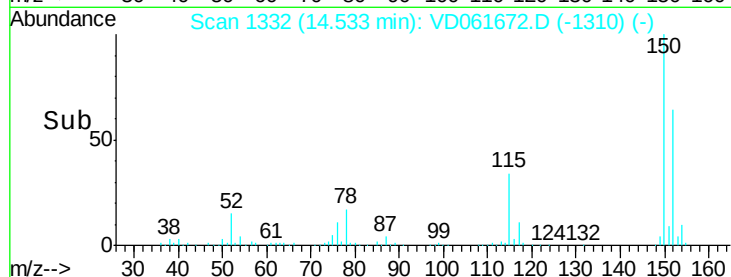
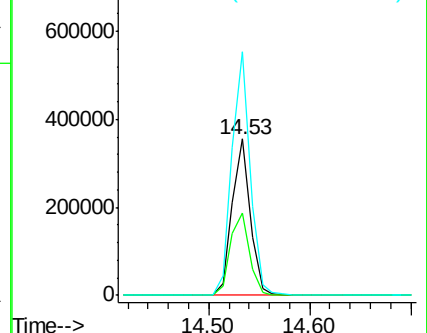
150 155.6 0.0 320.6



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



#76

1,2,3-Trichloropropane

Concen: 21.512 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD061672.D

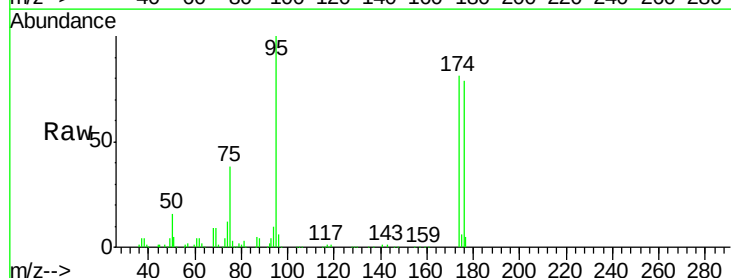
Acq: 9 Apr 2019 13:49

Tgt Ion: 75 Resp: 129412

Ion Ratio Lower Upper

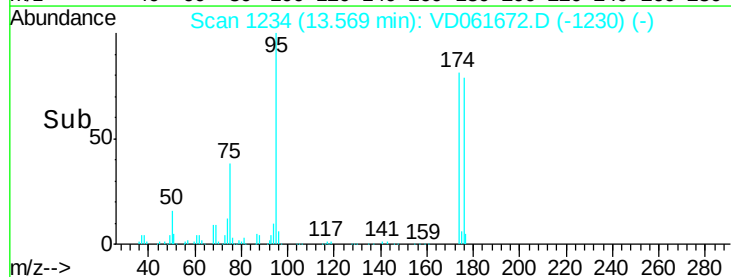
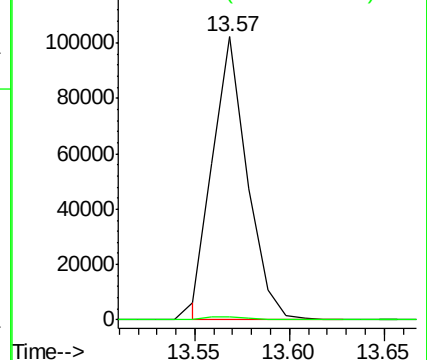
75 100

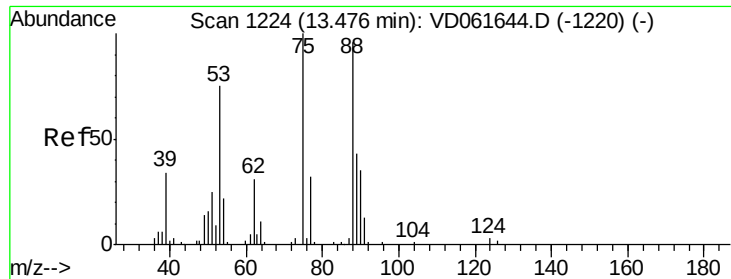
77 1.1 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 72.865 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

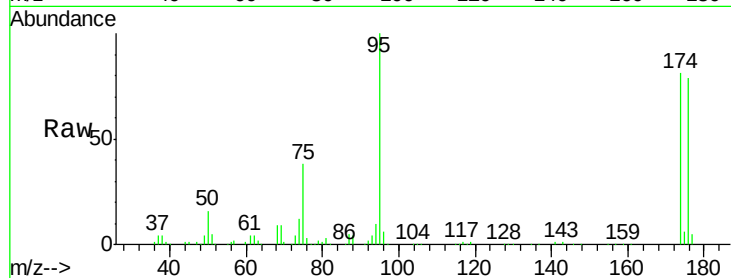
Tot Ion: 75 Resp: 133017

Ion Ratio Lower Upper

75 100

53 0.0 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

