

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067600.D
 Acq On : 11 Nov 2020 14:13
 Operator : VA/SY
 Sample : L4685-01
 Misc : 6.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: Nov 12 00:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

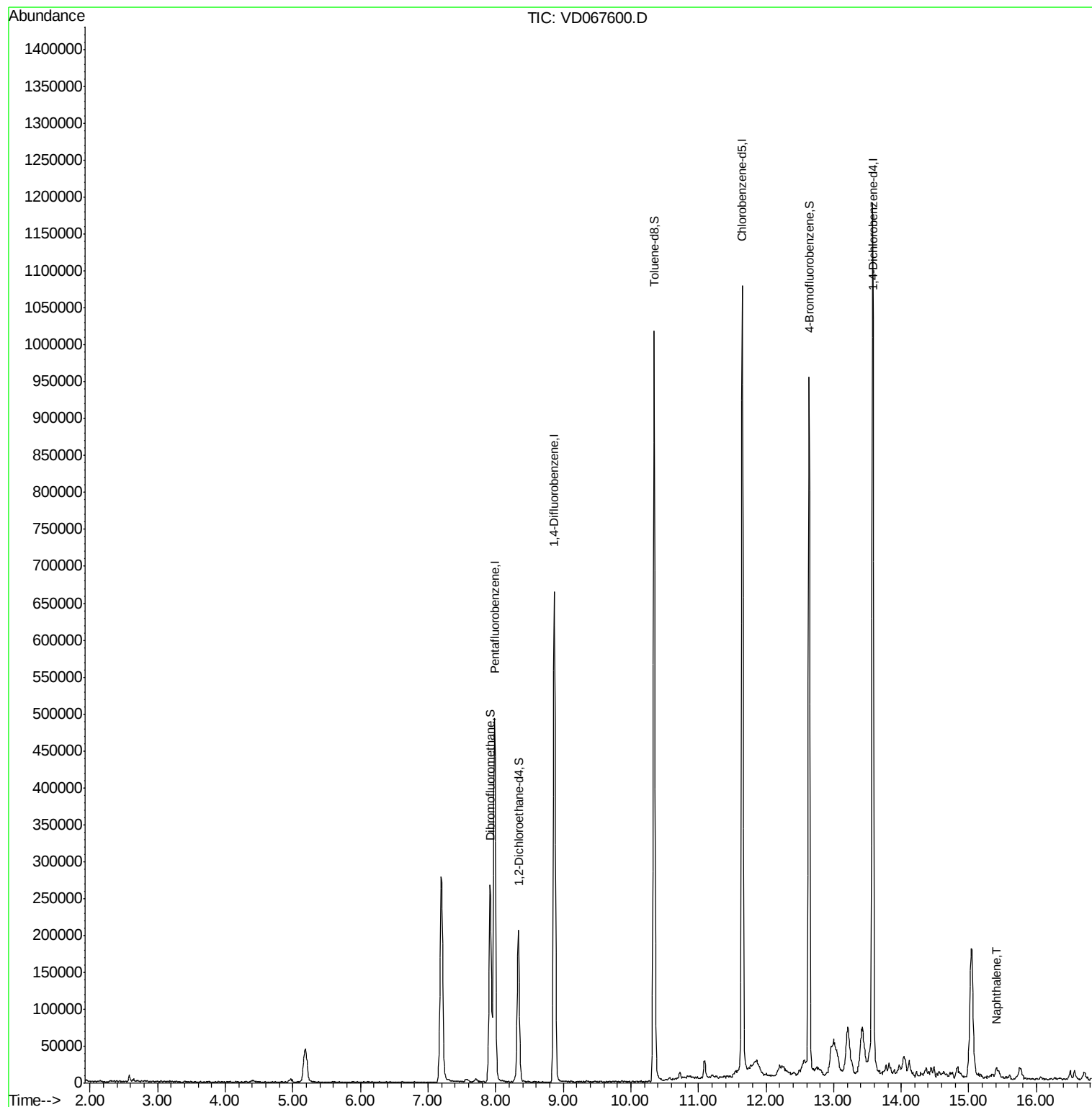
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	601306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	642532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	175275	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	7.92	113	194801	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	10.34	98	714696	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
62) 4-Bromofluorobenzene	12.64	95	298446	67.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.80%	
Target Compounds						
95) Naphthalene	15.40	128	10821	1.218	ug/l #	Qvalue 95

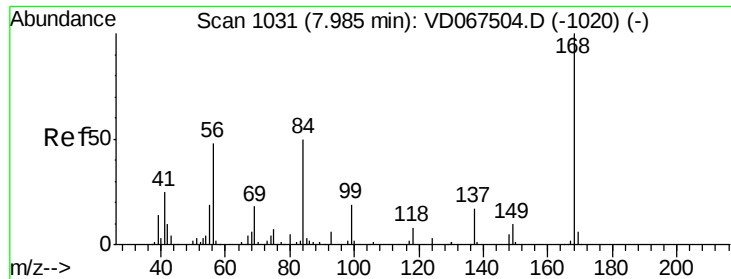
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067600.D

Acq: 11 Nov 2020 14:13

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MSVOA_D

ClientSampleId :

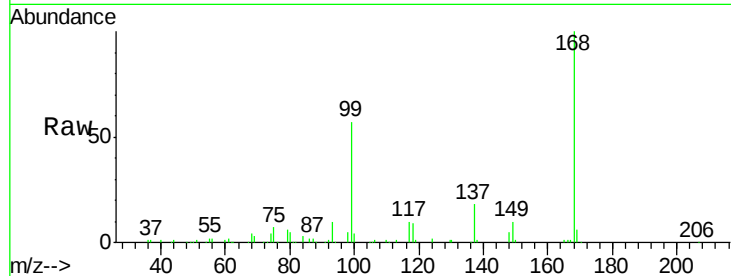
72-11978

Tot Ion:168 Resp: 381160

Ion Ratio Lower Upper

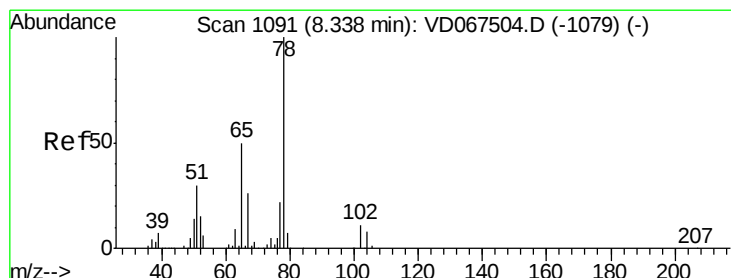
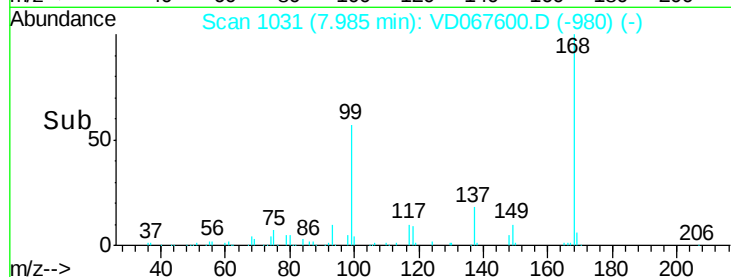
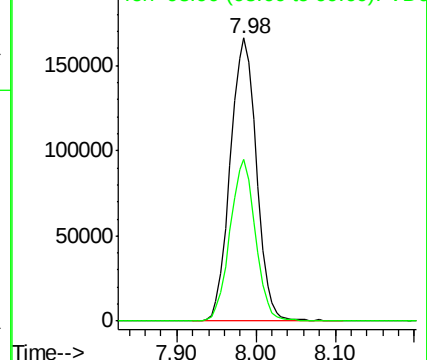
168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.591 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067600.D

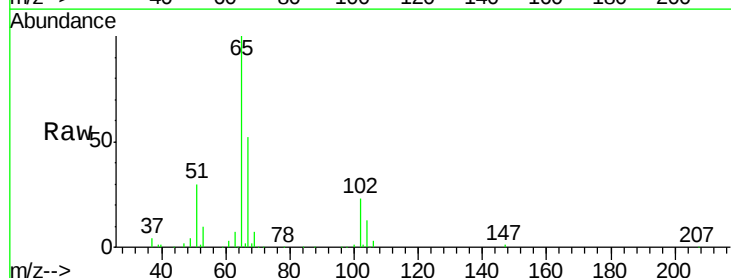
Acq: 11 Nov 2020 14:13

Tgt Ion: 65 Resp: 175275

Ion Ratio Lower Upper

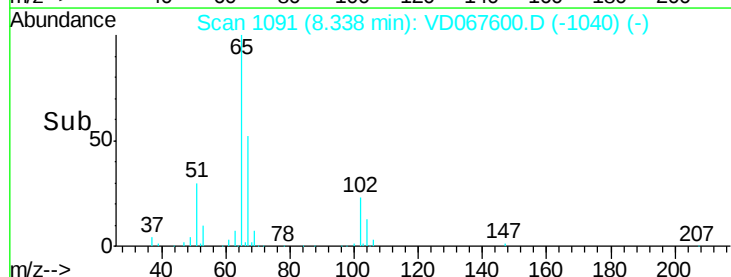
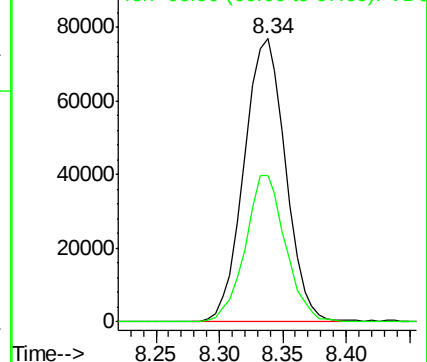
65 100

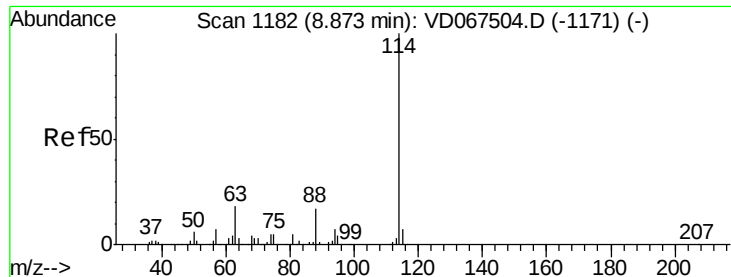
67 50.1 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

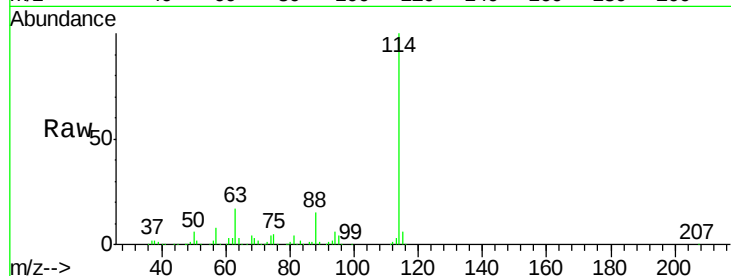




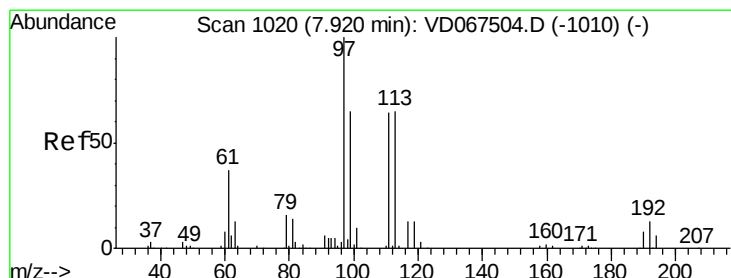
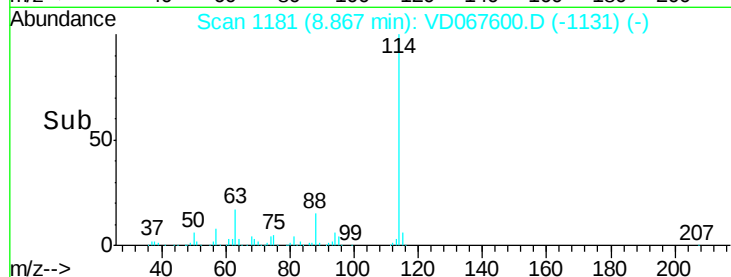
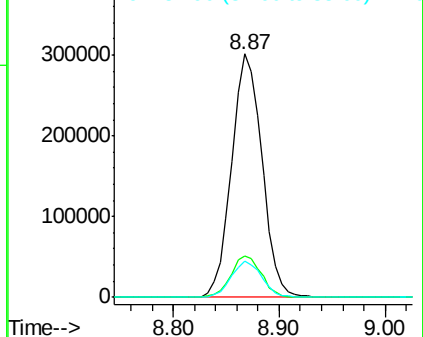
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067600.D
Acq: 11 Nov 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
72-11978

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.0
88	14.7	0.0	33.0

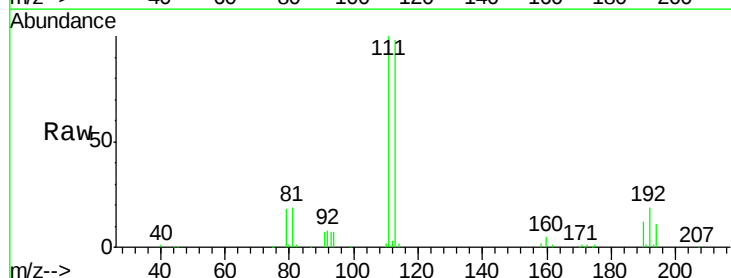


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

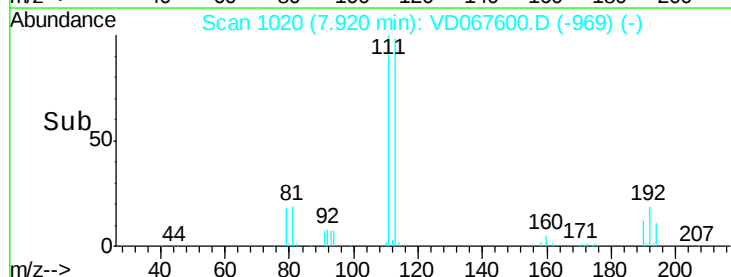
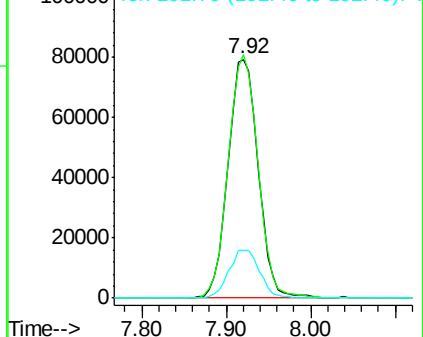


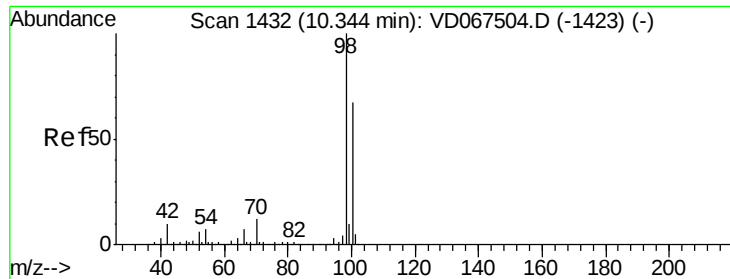
#35
Dibromofluoromethane
Concen: 53.770 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067600.D
Acq: 11 Nov 2020 14:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.0	120.0
192	20.7	16.3	24.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.136 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067600.D

Acq: 11 Nov 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

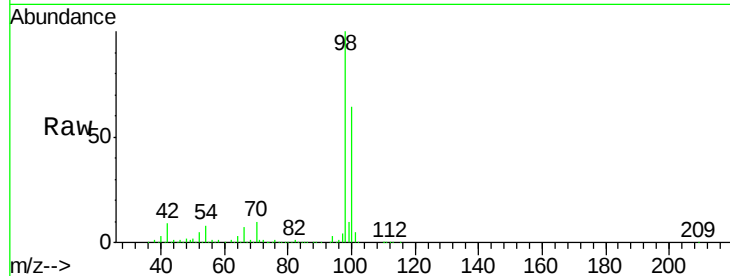
72-11978

Tot Ion: 98 Resp: 714696

Ion Ratio Lower Upper

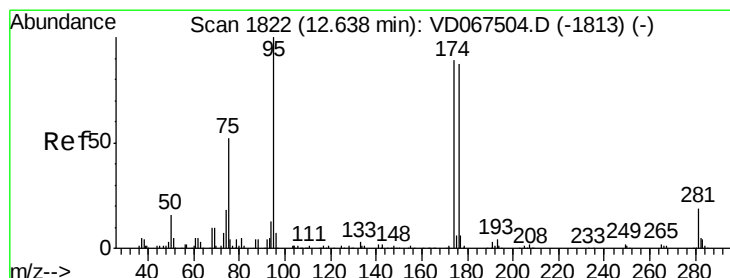
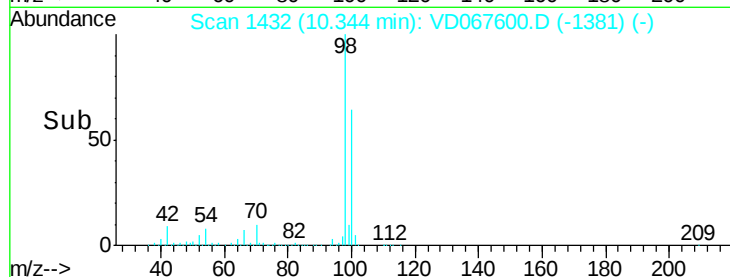
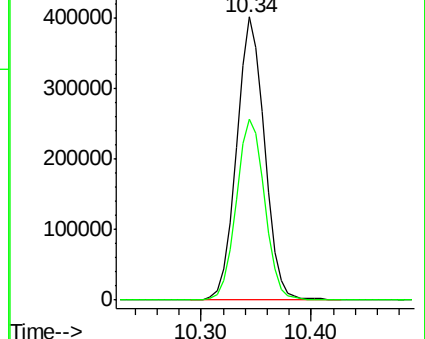
98 100

100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 67.898 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067600.D

Acq: 11 Nov 2020 14:13

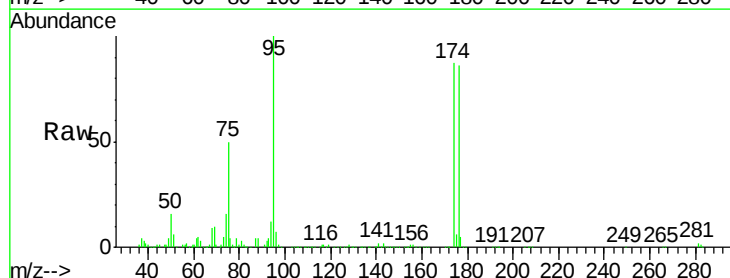
Tgt Ion: 95 Resp: 298446

Ion Ratio Lower Upper

95 100

174 88.2 0.0 177.8

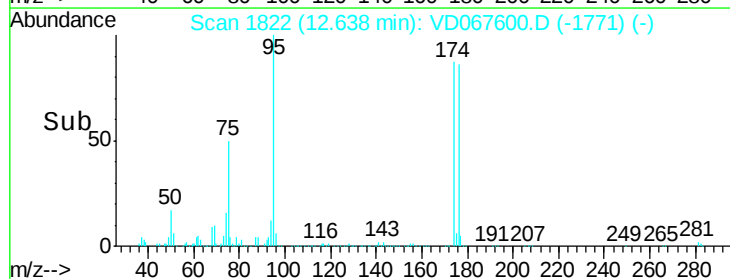
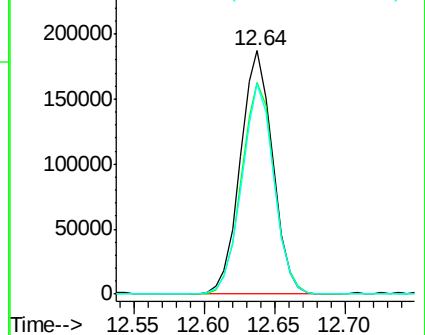
176 85.9 0.0 172.0

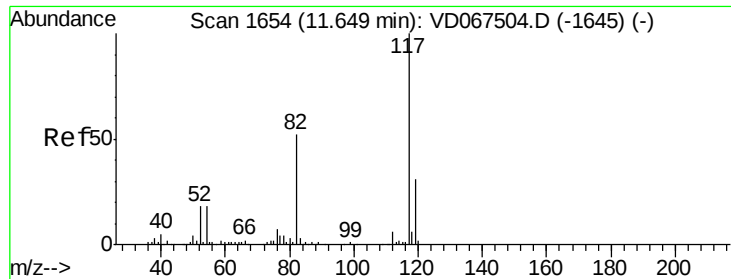


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

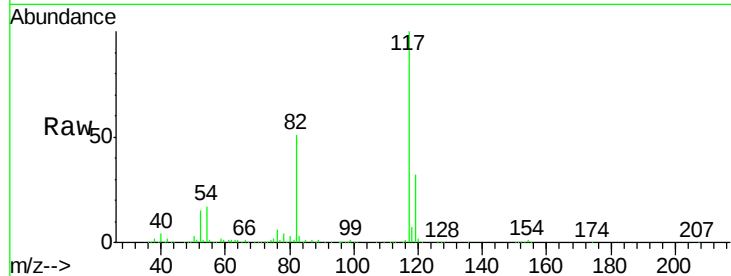




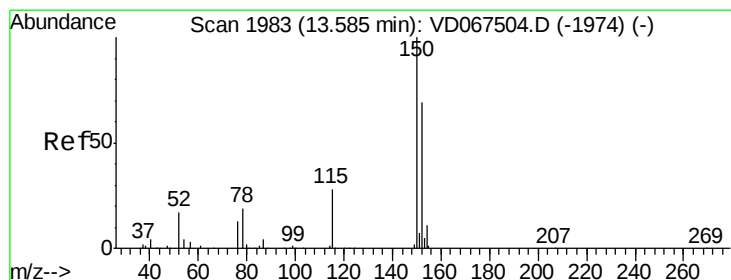
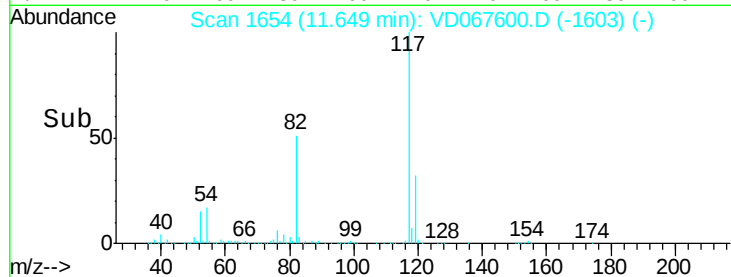
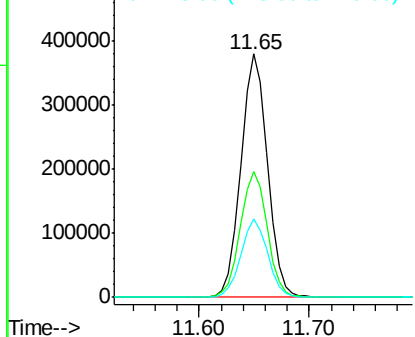
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067600.D
Acq: 11 Nov 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
72-11978

Tot Ion:117 Resp: 642532
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 32.3 25.1 37.7

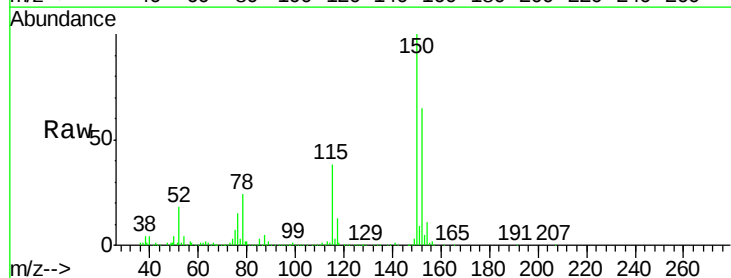


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

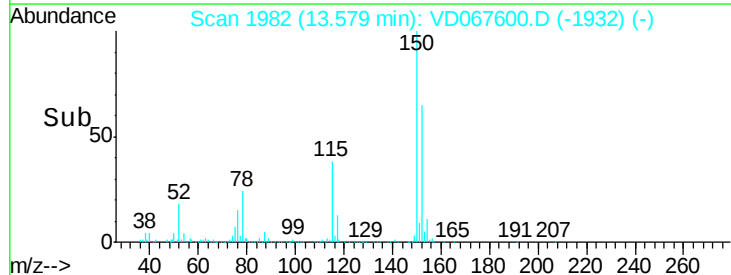
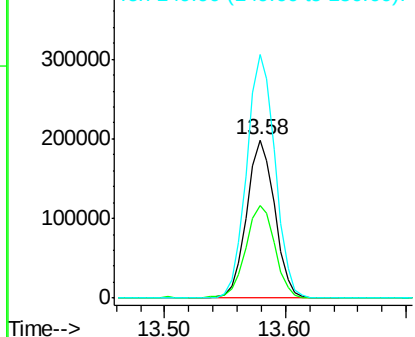


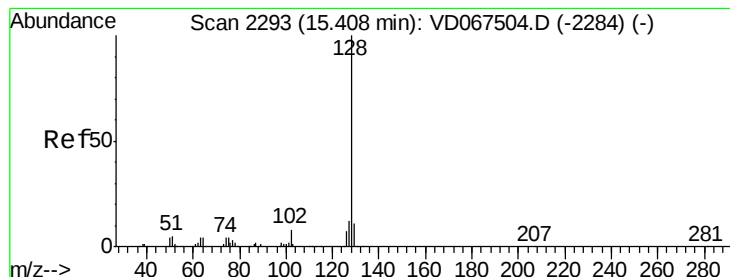
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067600.D
Acq: 11 Nov 2020 14:13

Tgt Ion:152 Resp: 323686
Ion Ratio Lower Upper
152 100
115 61.2 29.3 88.0
150 155.6 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.218 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067600.D

Acq: 11 Nov 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

72-11978

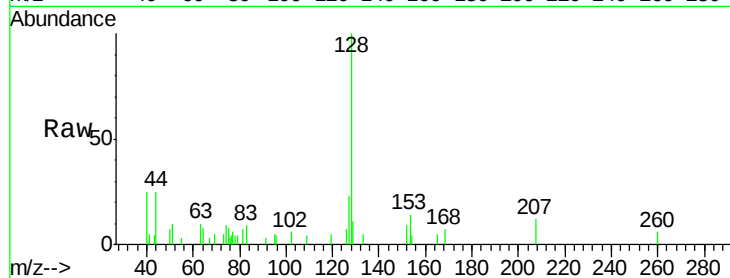
Tot Ion:128 Resp: 10821

Ion Ratio Lower Upper

128 100

127 16.6 10.2 15.4#

129 11.1 8.9 13.3



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

