

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067407.D
 Acq On : 27 Oct 2020 13:11
 Operator : VA/SY
 Sample : L4523-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-37

Quant Time: Oct 28 01:12:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	303140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	507235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	154176	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.91	113	160118	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	10.34	98	594028	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.64	95	212171	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

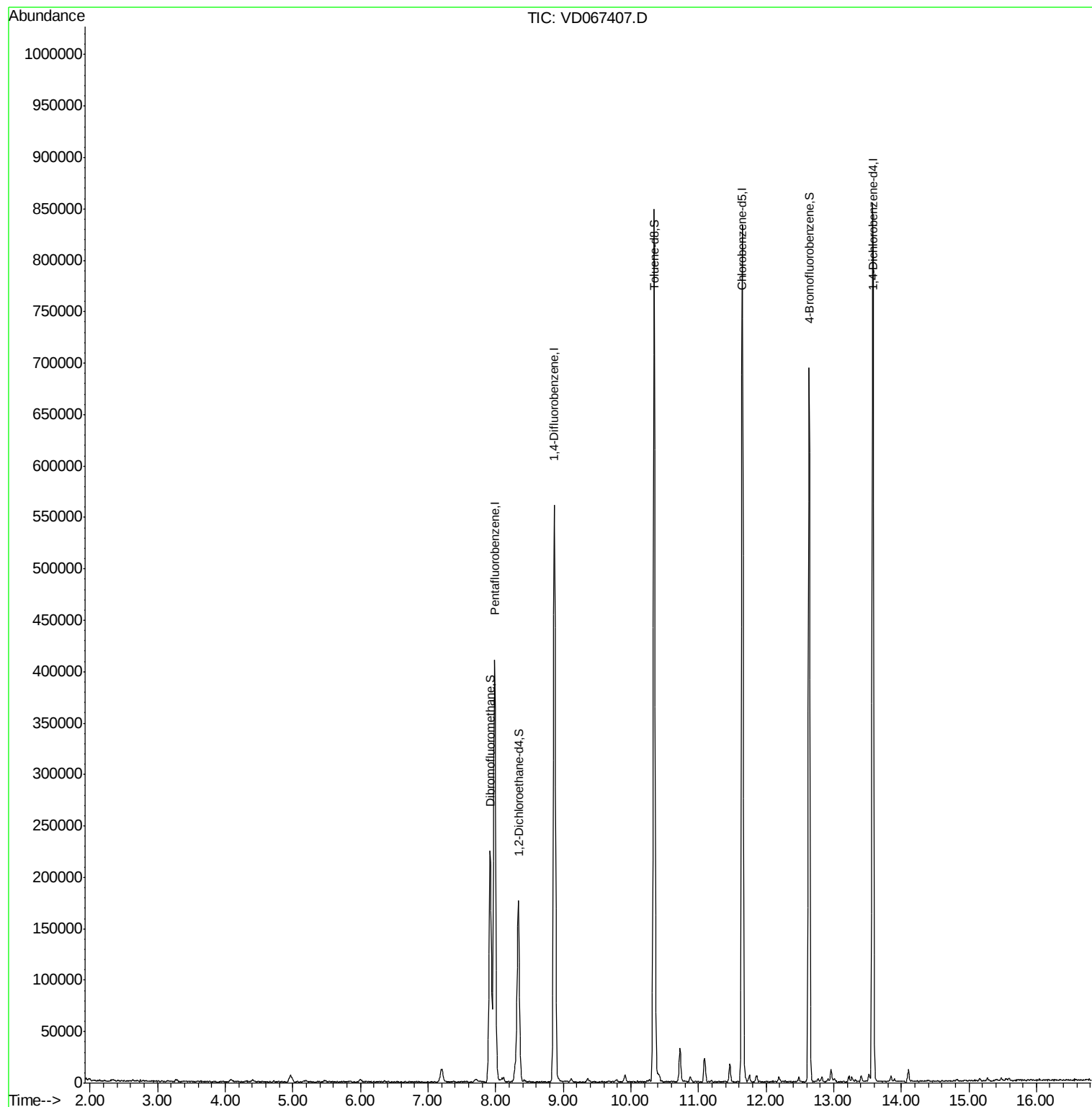
Target Compounds	Qvalue

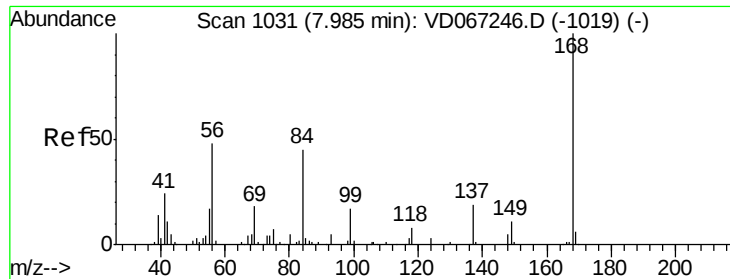
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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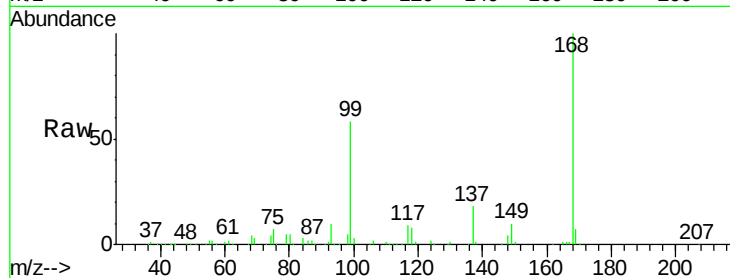




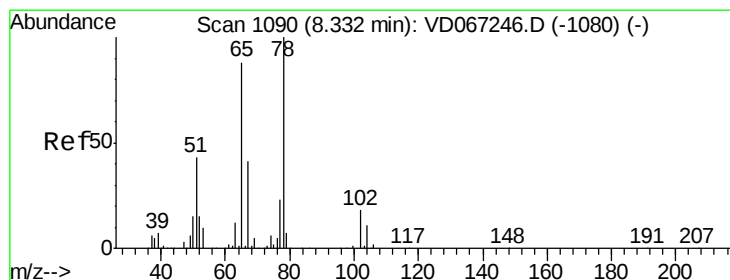
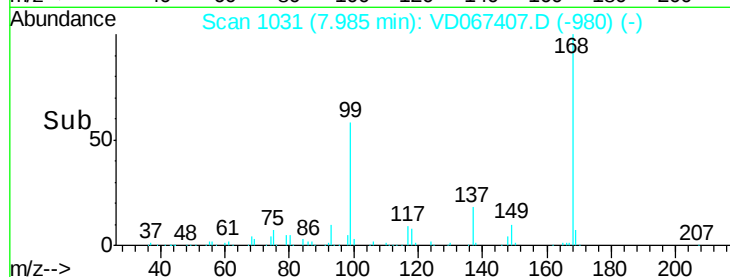
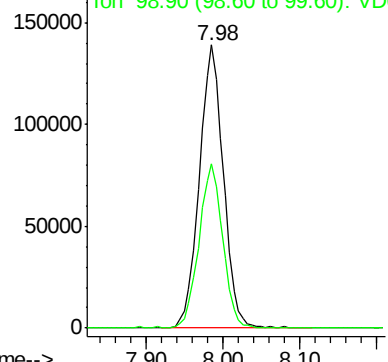
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
CS-37

Tot Ion:168 Resp: 303140
Ion Ratio Lower Upper
168 100
99 57.9 45.9 68.9

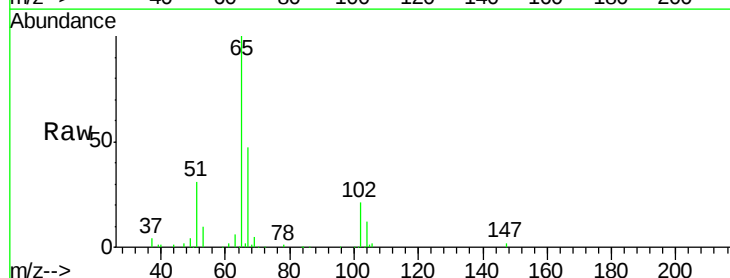


Abundance Ion 167.90 (167.60 to 168.60): V

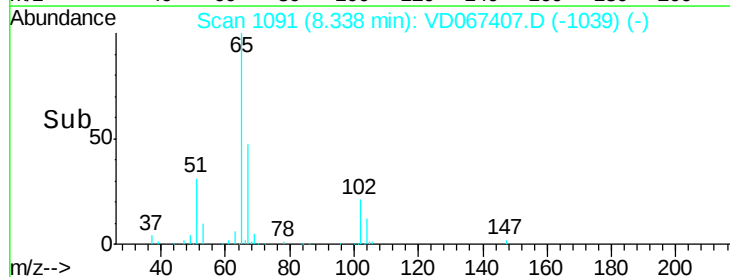
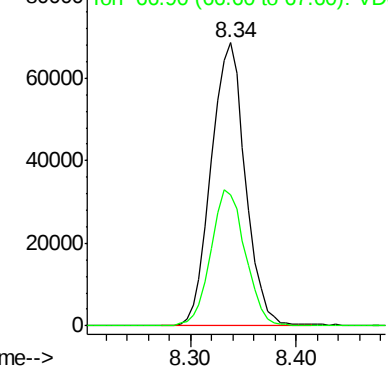


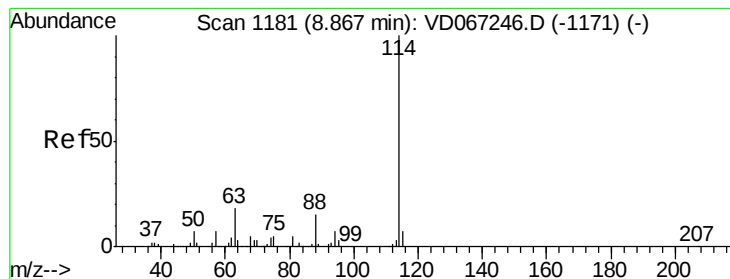
#33
1,2-Dichloroethane-d4
Concen: 50.766 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

Tgt Ion: 65 Resp: 154176
Ion Ratio Lower Upper
65 100
67 48.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067407.D

Acq: 27 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

CS-37

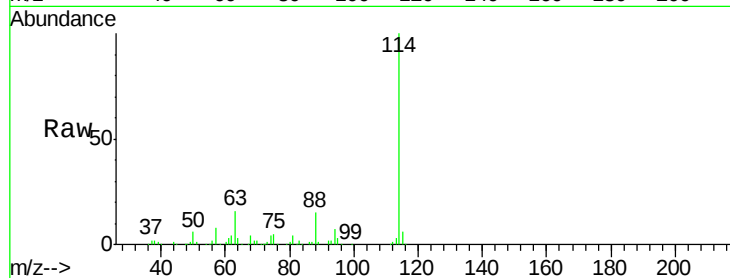
Tot Ion:114 Resp: 507235

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

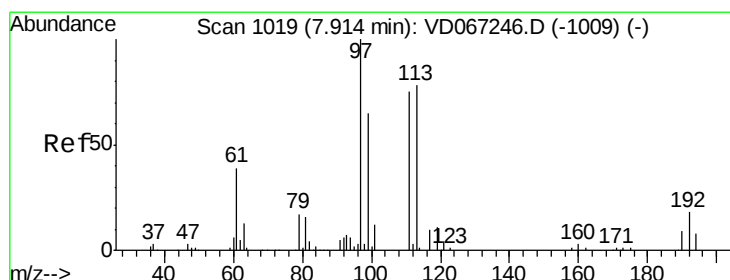
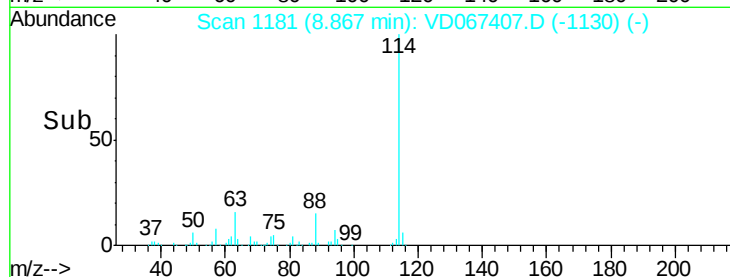
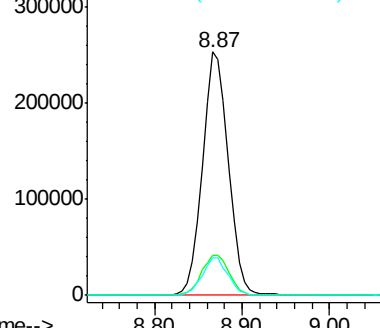
88 15.3 0.0 30.6



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: 47.433 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067407.D

Acq: 27 Oct 2020 13:11

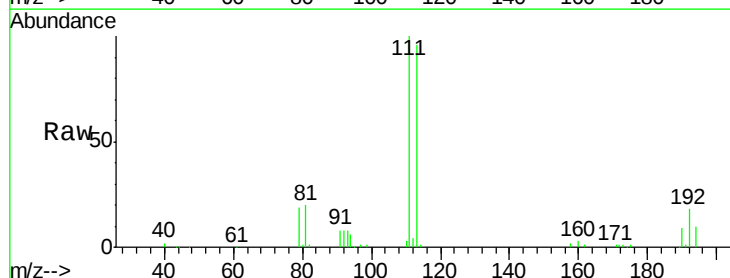
Tgt Ion:113 Resp: 160118

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

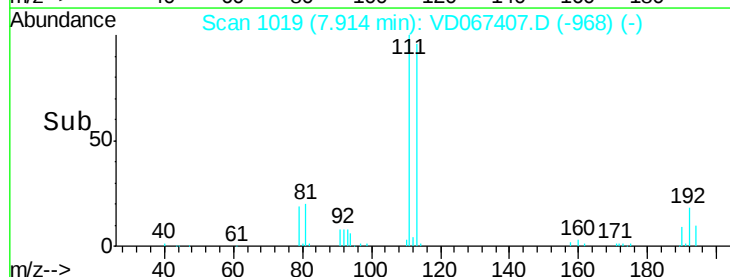
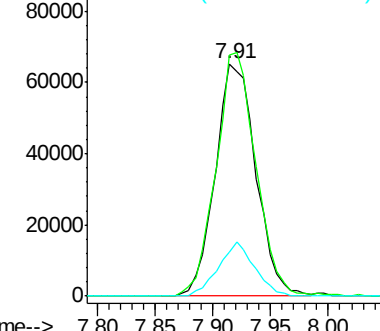
192 20.7 17.0 25.4

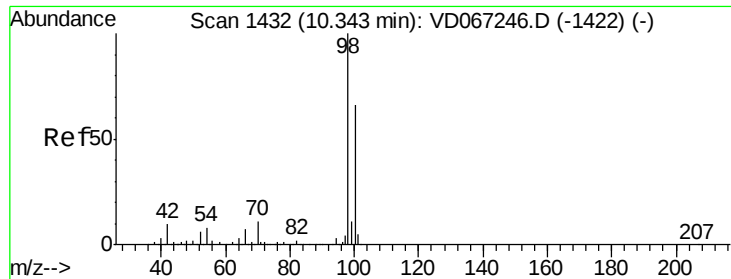


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

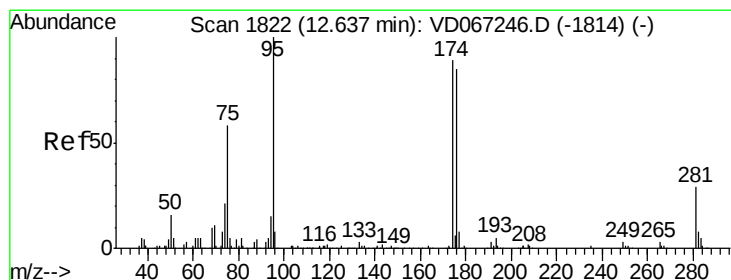
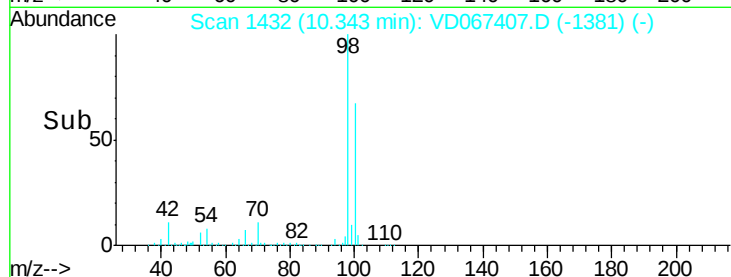
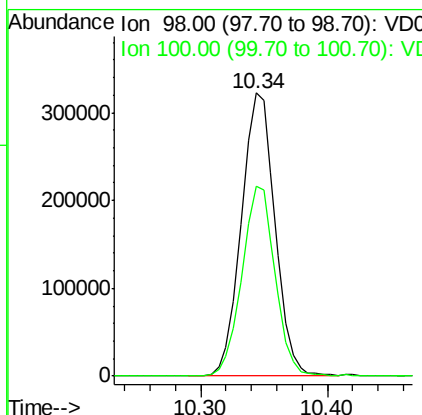
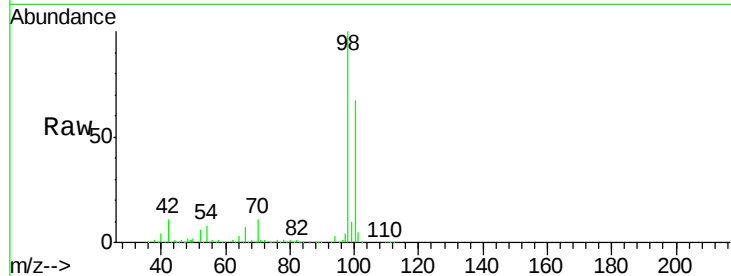




#50
Toluene-d8
Concen: 48.626 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

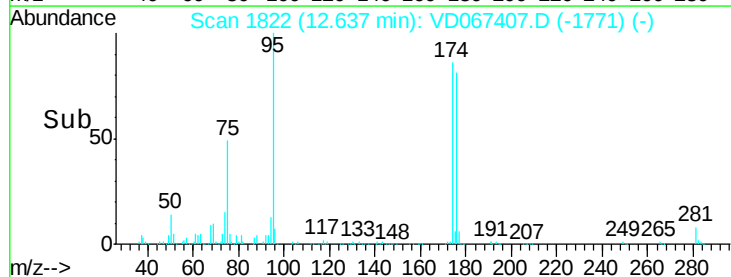
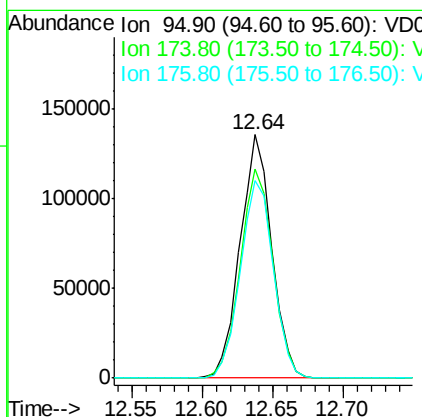
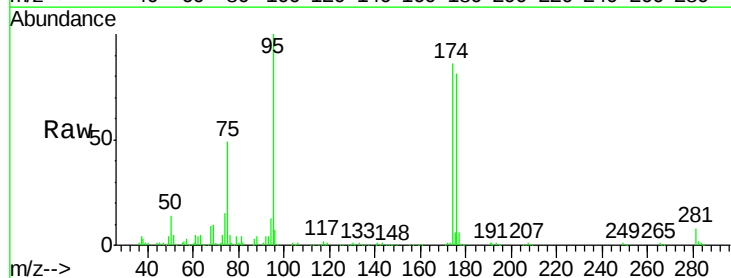
Instrument :
MSVOA_D
ClientSampleId :
CS-37

Tot Ion: 98 Resp: 594028
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.948 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

Tgt Ion: 95 Resp: 212171
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.2
176 84.9 0.0 168.6

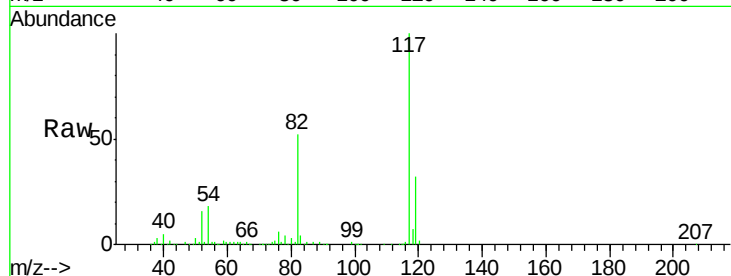




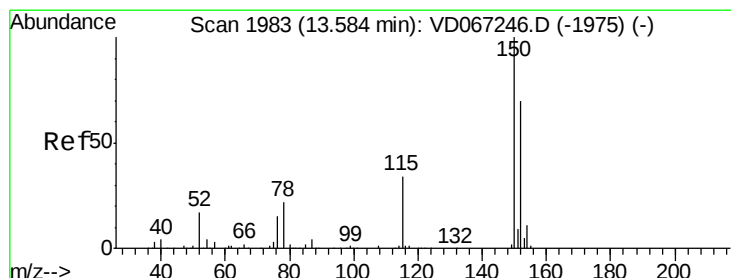
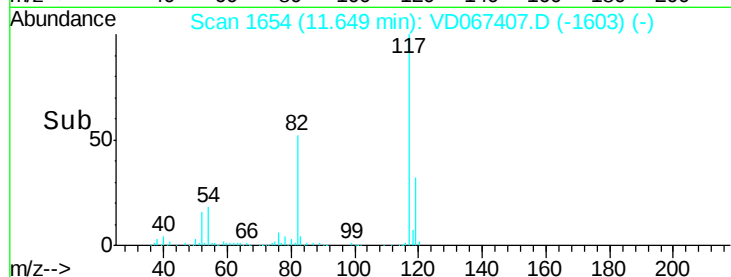
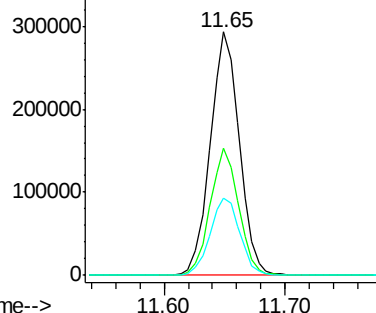
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
CS-37

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	39.9	59.9
119	31.9	24.9	37.3

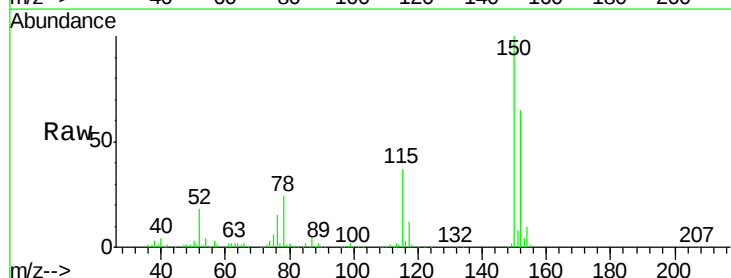


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067407.D
Acq: 27 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	87.9
150	158.9	0.0	339.0



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

