

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067520.D
 Acq On : 04 Nov 2020 15:10
 Operator : VA/SY
 Sample : L4596-01
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-110320

Quant Time: Nov 05 01:25:45 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	7.99	168	292489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	150443	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
35) Dibromofluoromethane	7.92	113	154307	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.34	98	561737	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	209563	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	

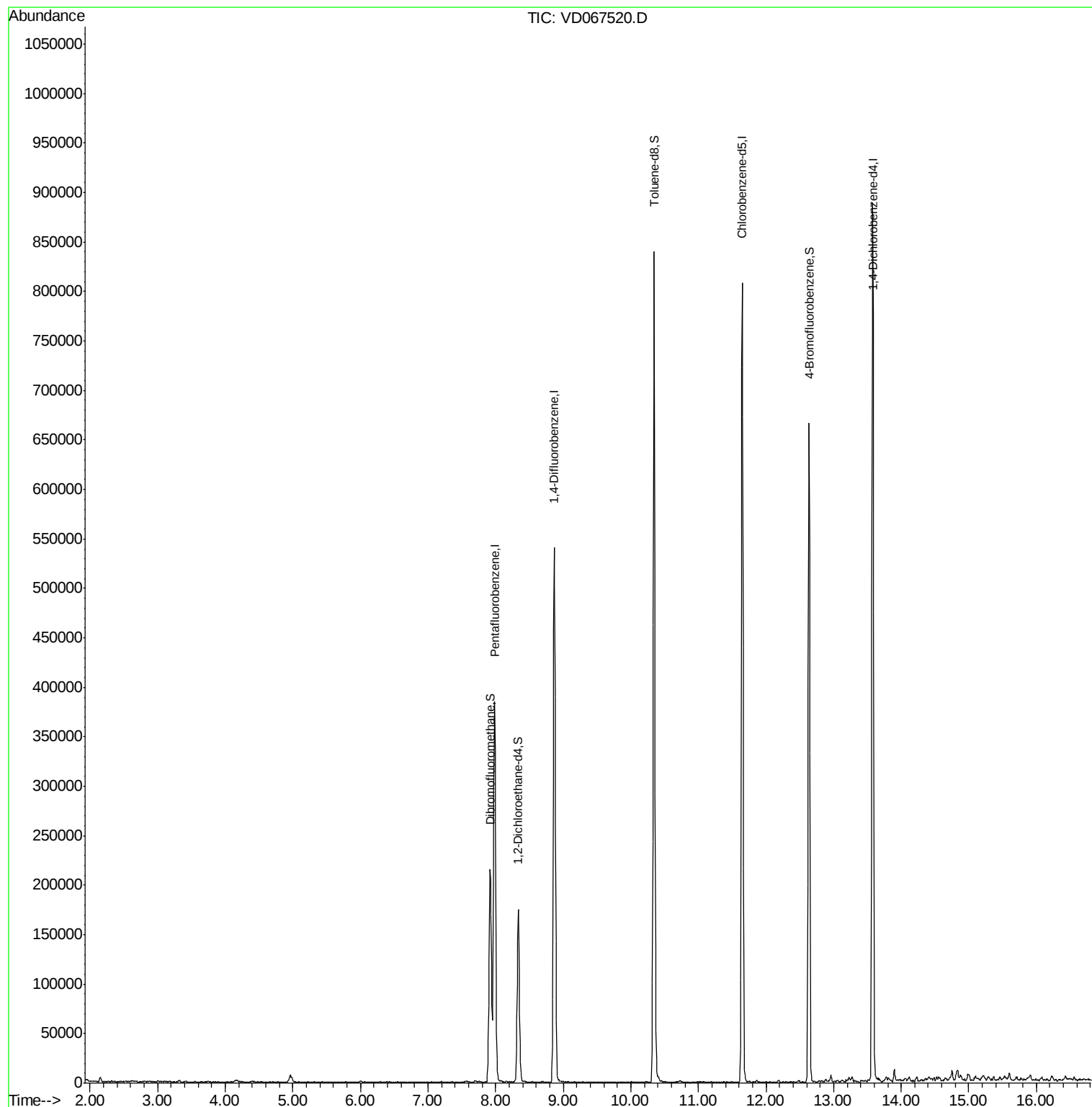
Target Compounds	Qvalue

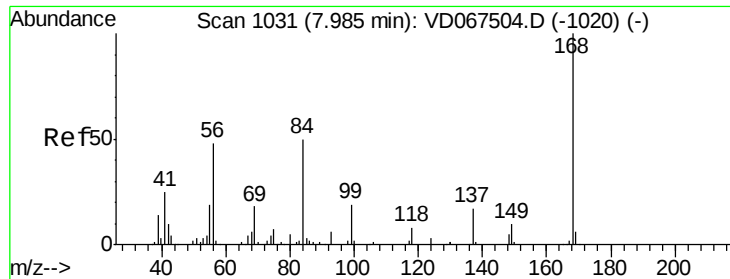
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

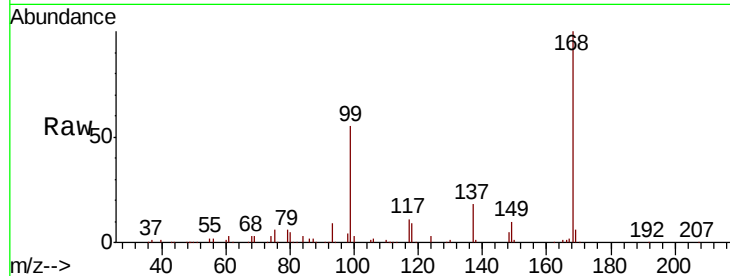
TR-05-110320

Tot Ion:168 Resp: 292489

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

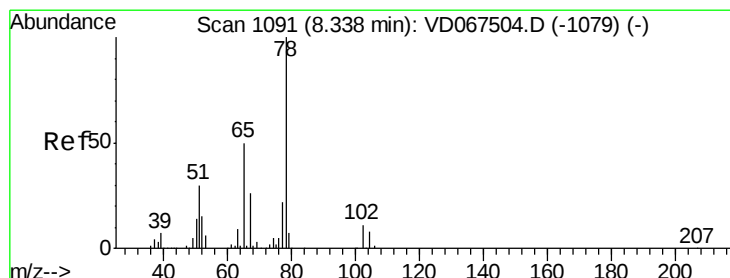
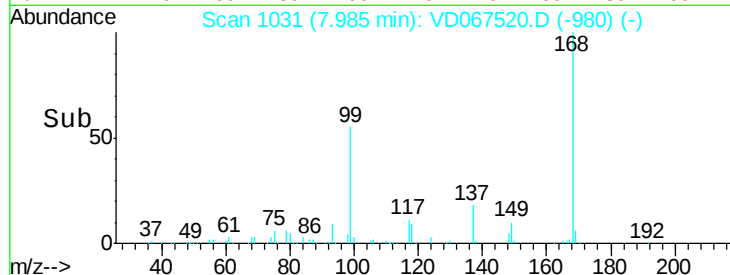
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.824 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067520.D

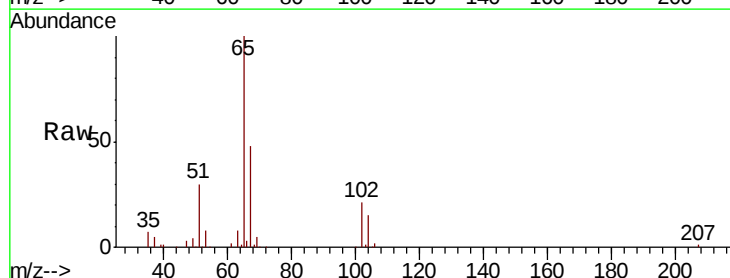
Acq: 04 Nov 2020 15:10

Tgt Ion: 65 Resp: 150443

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

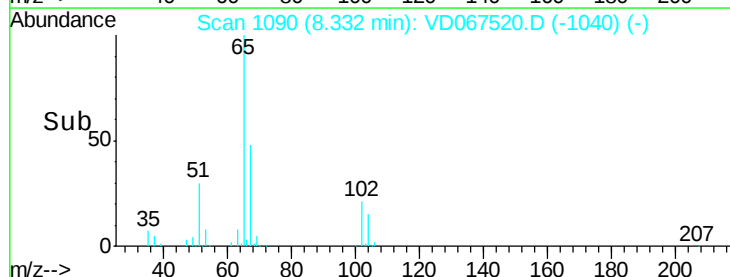
60000

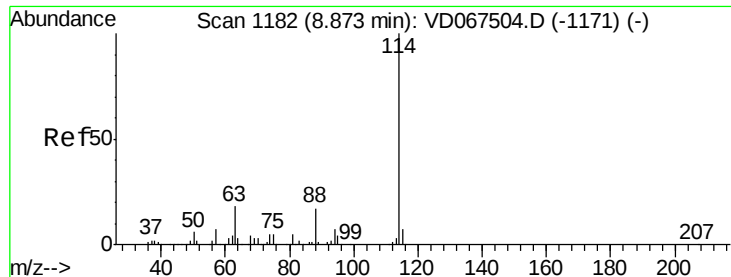
40000

20000

0

Time-->

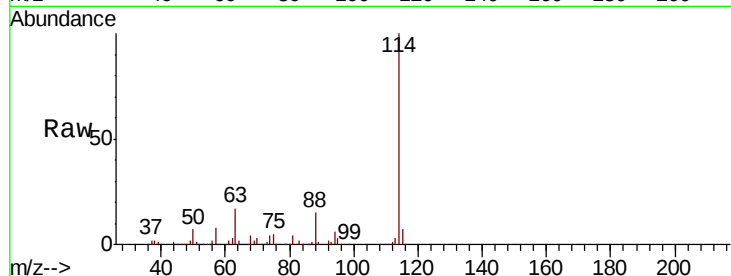




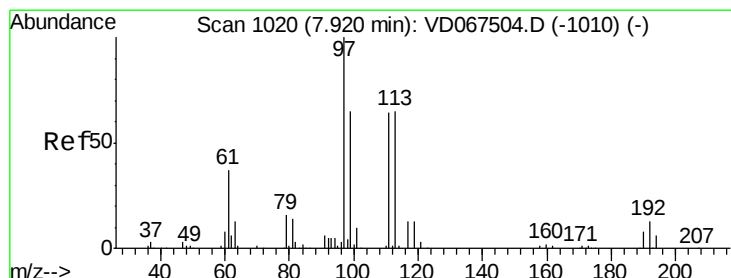
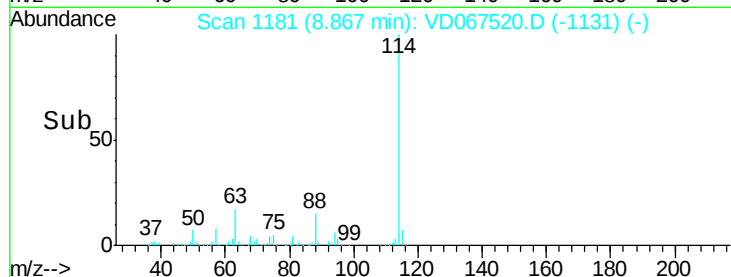
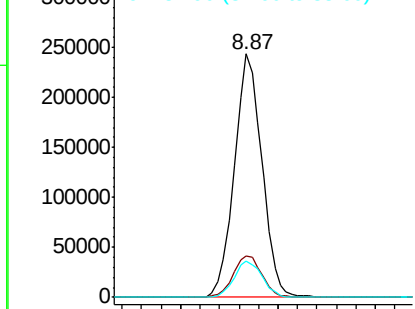
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

Tot Ion:114 Resp: 477280
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 15.0 0.0 33.0

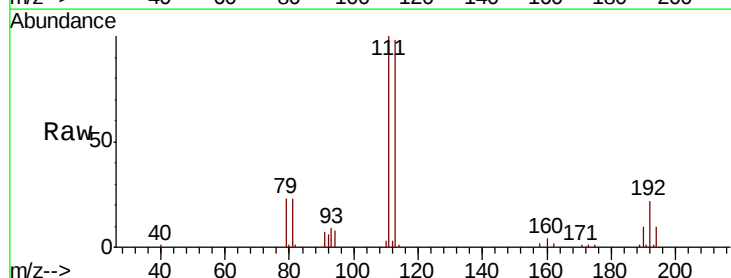


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

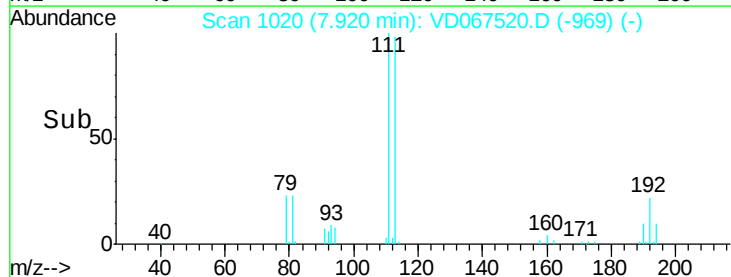
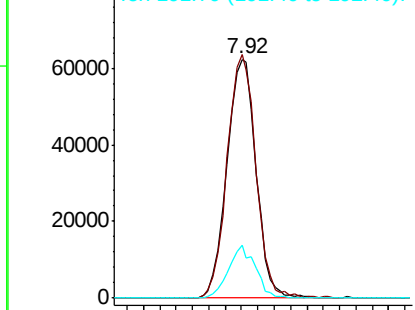


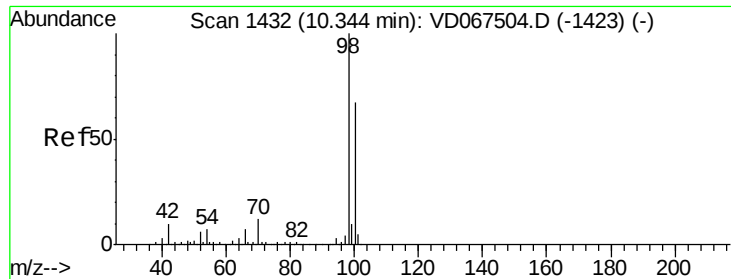
#35
Dibromofluoromethane
Concen: 53.661 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion:113 Resp: 154307
Ion Ratio Lower Upper
113 100
111 100.3 80.0 120.0
192 20.6 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

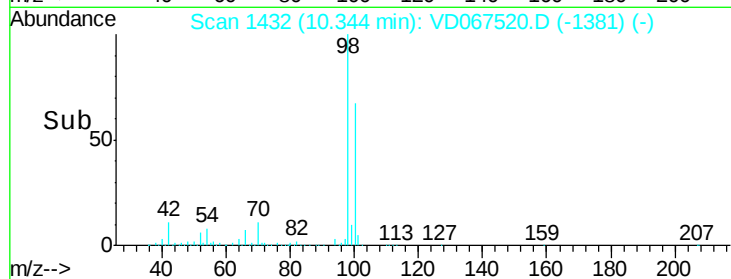
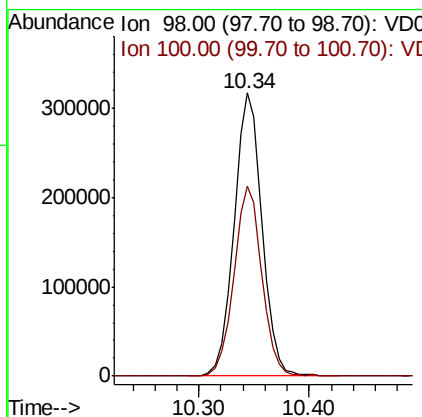
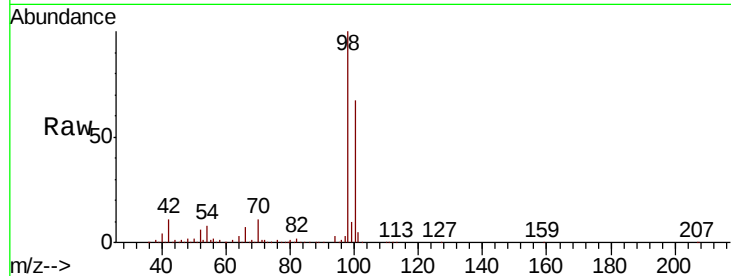




#50
Toluene-d8
Concen: 55.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

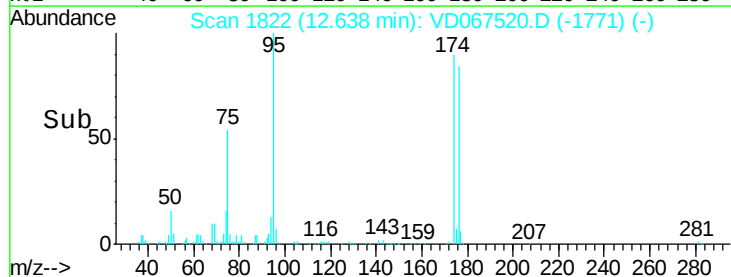
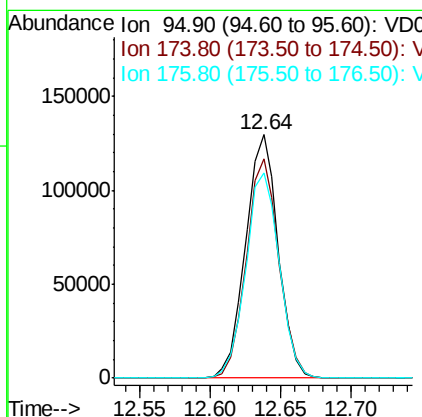
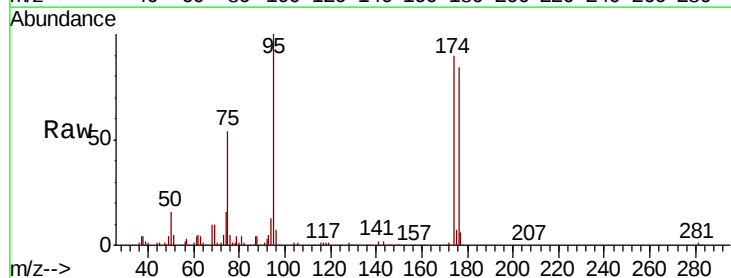
Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

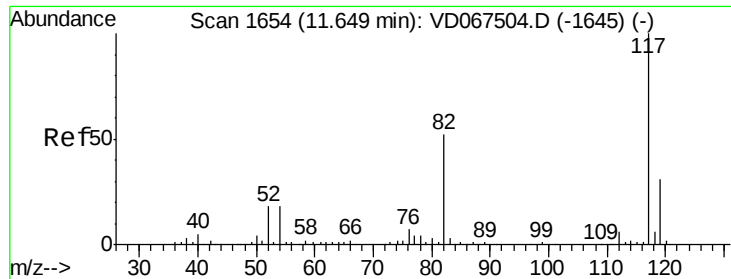
Tot Ion: 98 Resp: 561737
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 60.066 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion: 95 Resp: 209563
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.8
176 87.0 0.0 172.0

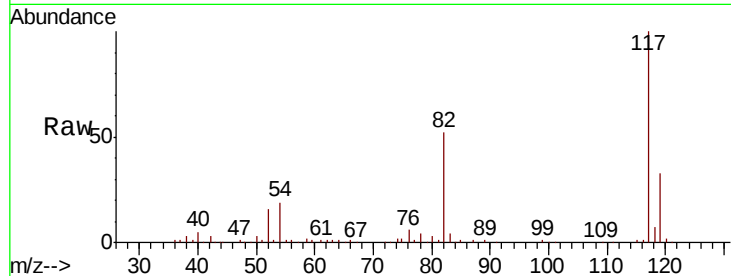




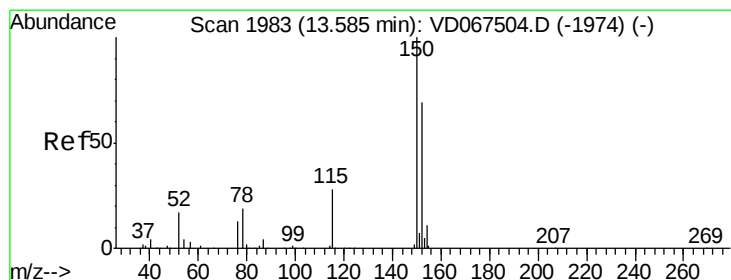
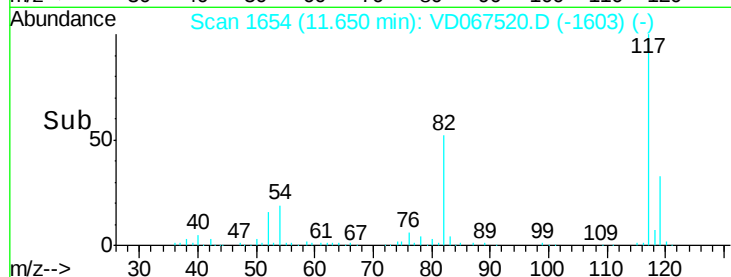
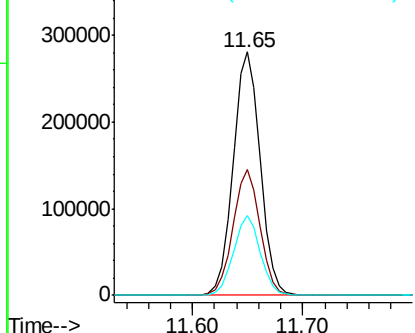
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

Tot Ion:117 Resp: 482167
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.9 25.1 37.7

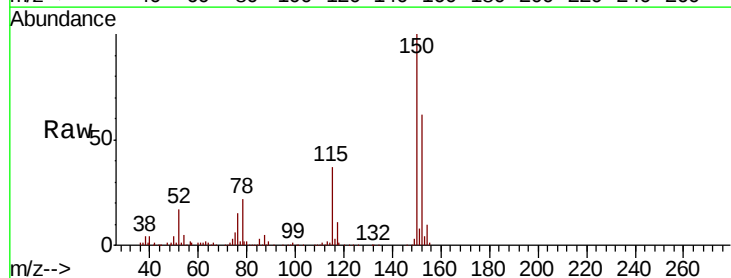


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion:152 Resp: 244375
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 158.3 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

