

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067521.D
 Acq On : 04 Nov 2020 15:38
 Operator : VA/SY
 Sample : L4621-01
 Misc : 5.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B8-110220-0-1

Quant Time: Nov 05 01:34:13 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	292934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	478203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	488241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156832	61.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.46%	
35) Dibromofluoromethane	7.92	113	158892	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
50) Toluene-d8	10.34	98	572732	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
62) 4-Bromofluorobenzene	12.64	95	213170	60.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.96%	

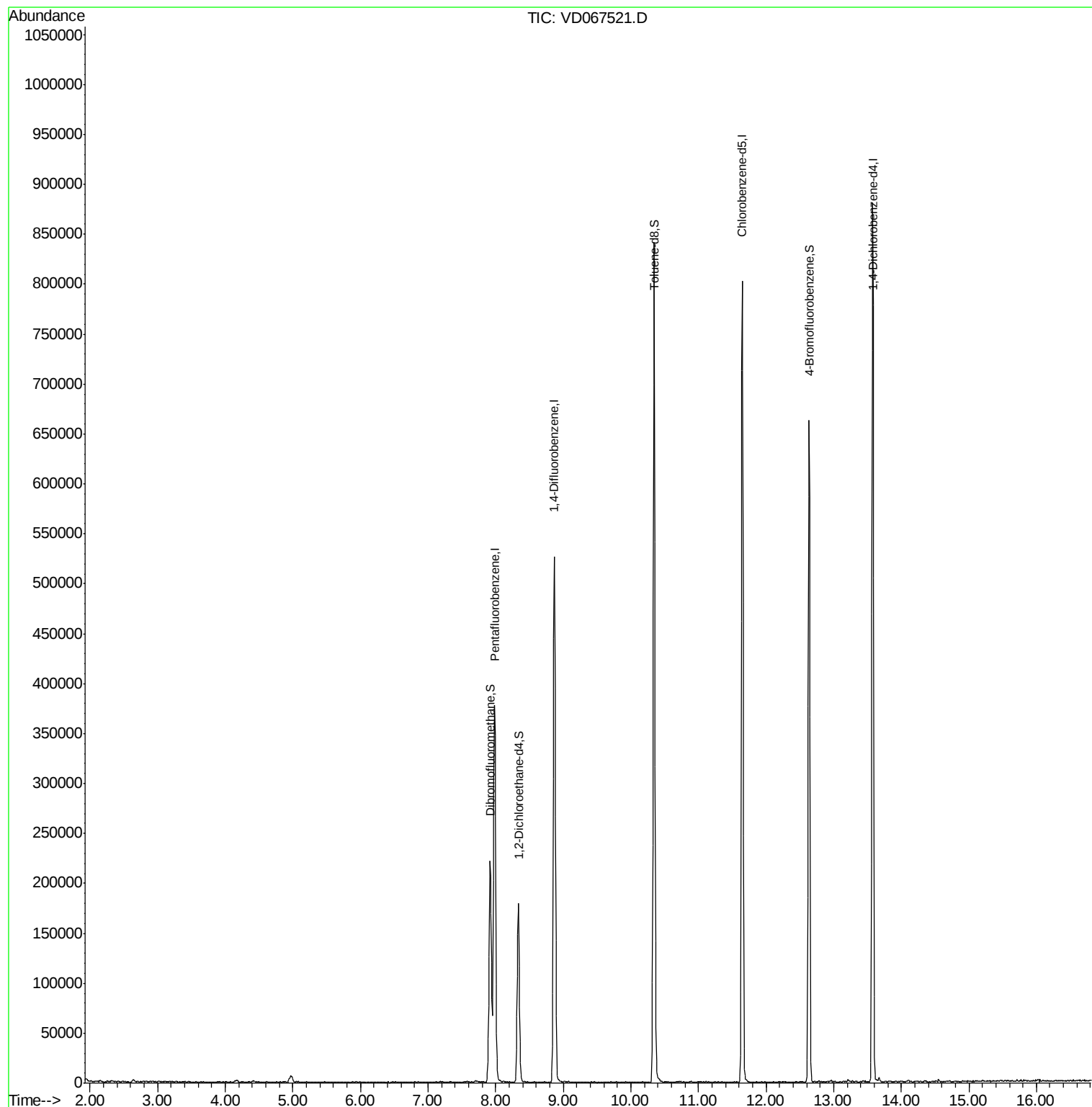
Target Compounds	Qvalue

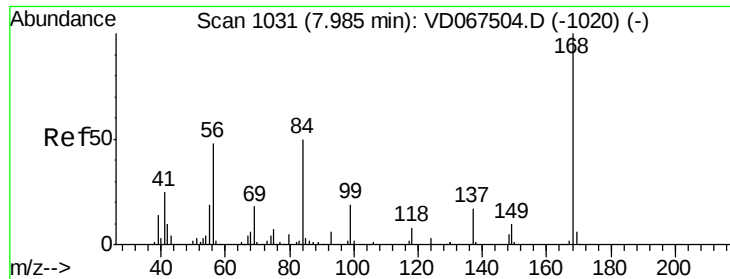
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067521.D

Acq: 04 Nov 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

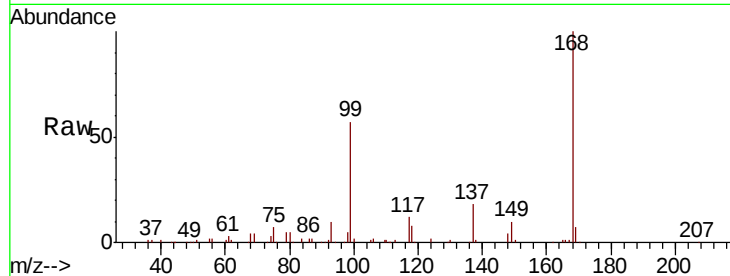
PAV-B8-110220-0-1

Tot Ion:168 Resp: 292934

Ion Ratio Lower Upper

168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

100000

50000

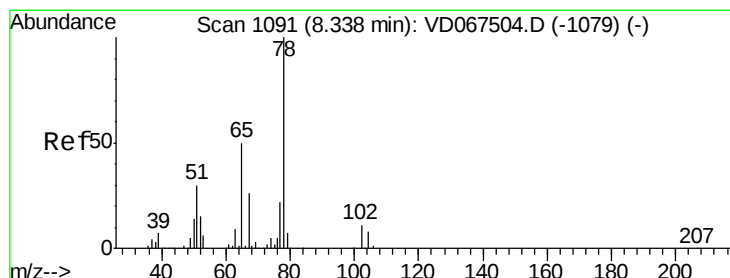
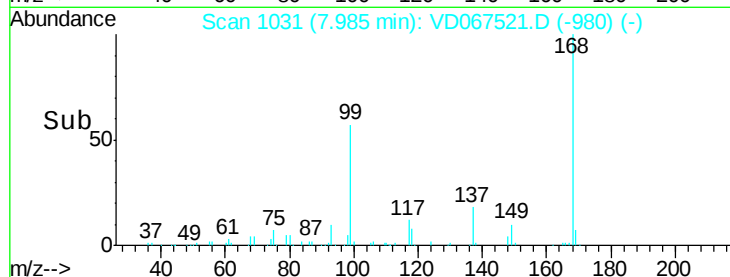
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 61.229 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067521.D

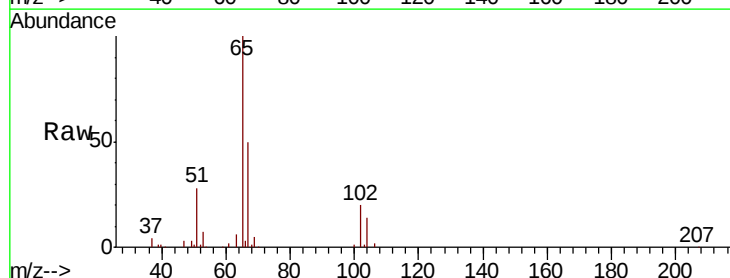
Acq: 04 Nov 2020 15:38

Tgt Ion: 65 Resp: 156832

Ion Ratio Lower Upper

65 100

67 49.2 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

80000

60000

40000

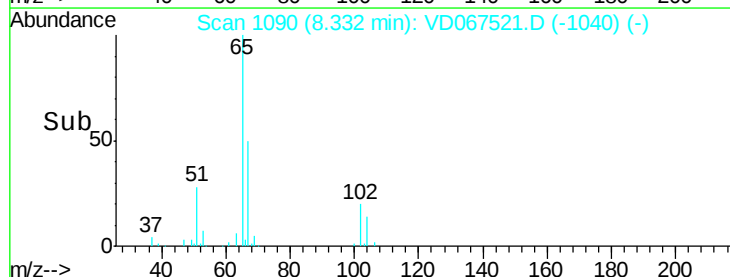
20000

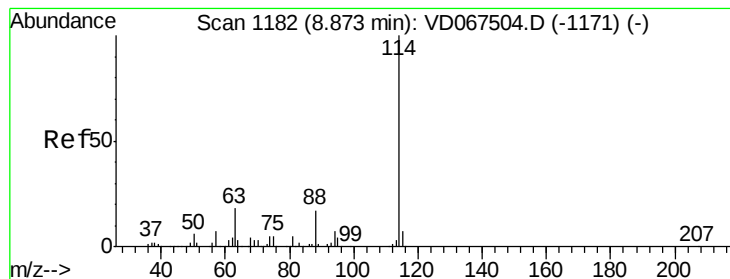
0

Time-->

8.30

8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067521.D

Acq: 04 Nov 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

PAV-B8-110220-0-1

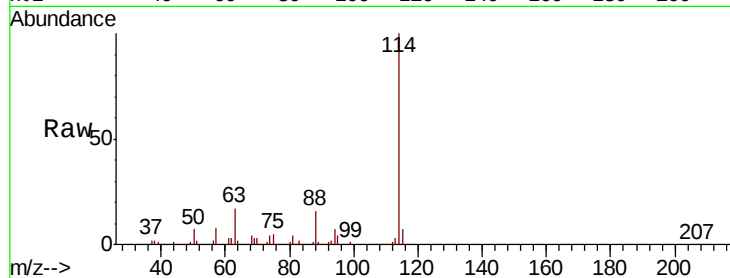
Tot Ion:114 Resp: 478203

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

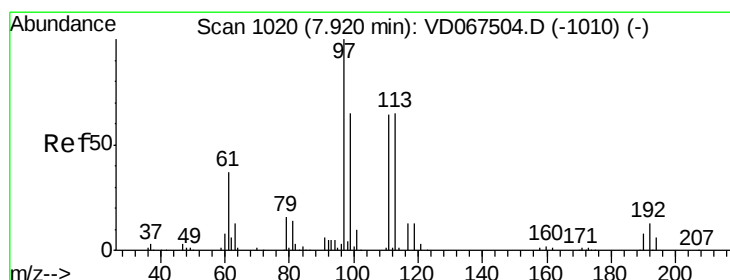
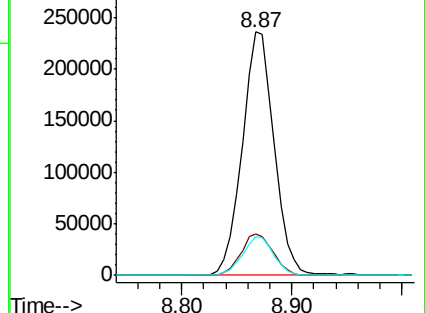
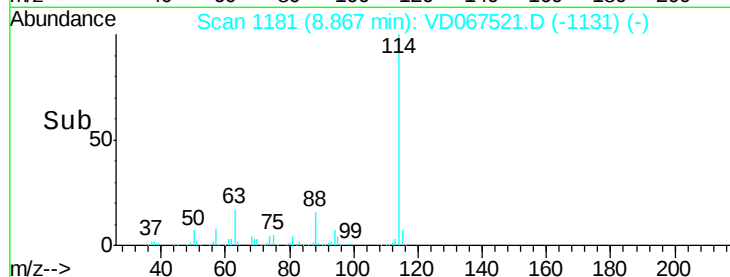
88 15.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 55.149 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067521.D

Acq: 04 Nov 2020 15:38

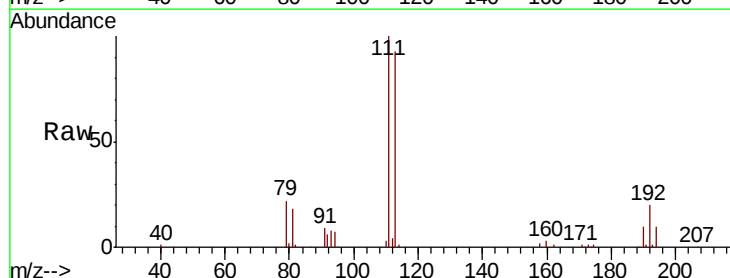
Tgt Ion:113 Resp: 158892

Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

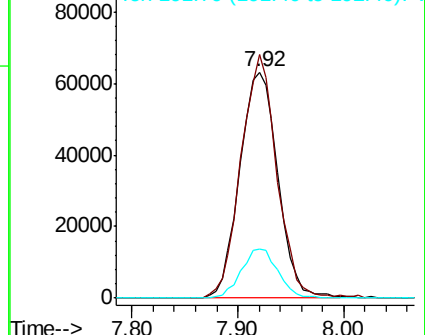
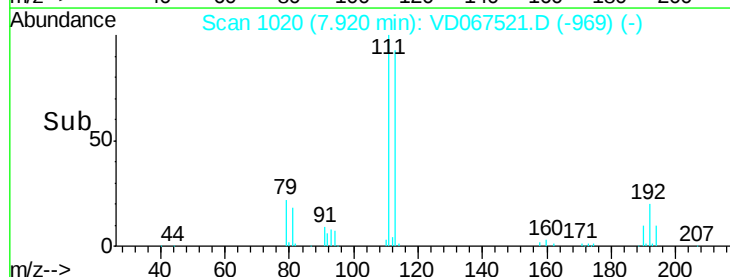
192 20.9 16.3 24.5

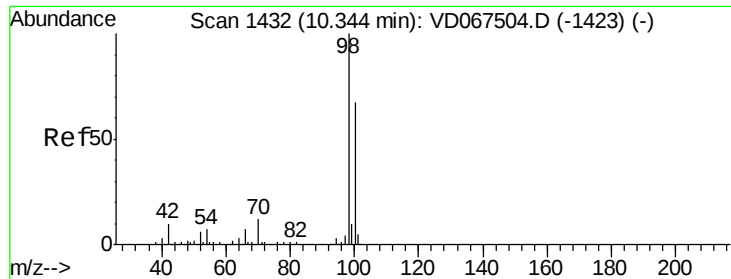


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

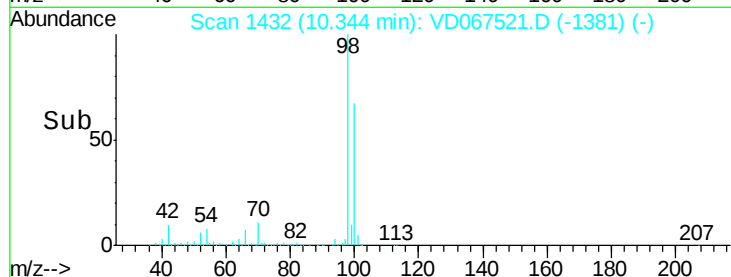
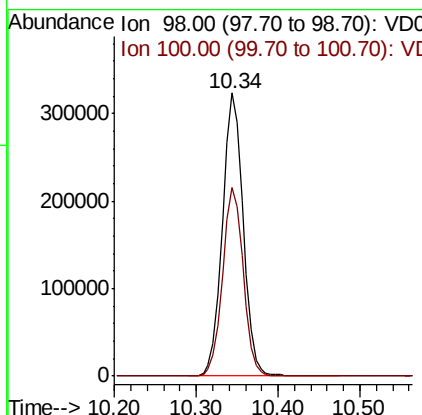
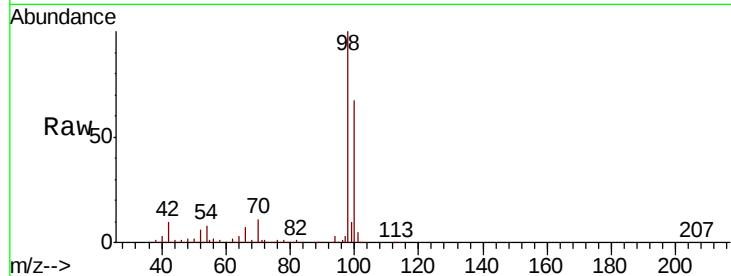




#50
Toluene-d8
Concen: 56.566 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067521.D
Acq: 04 Nov 2020 15:38

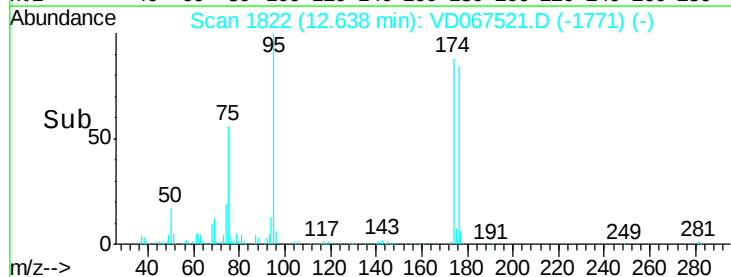
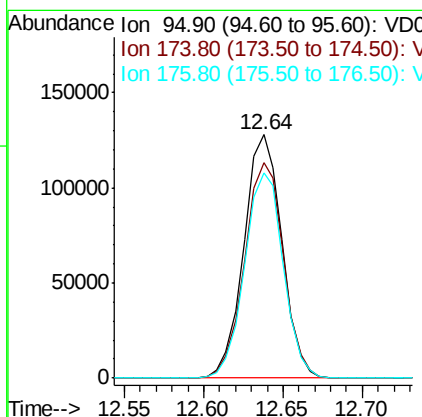
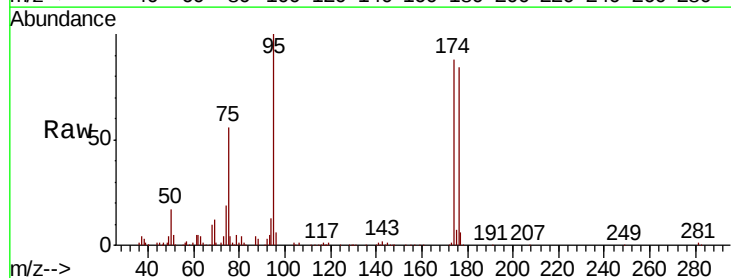
Instrument :
MSVOA_D
ClientSampleId :
PAV-B8-110220-0-1

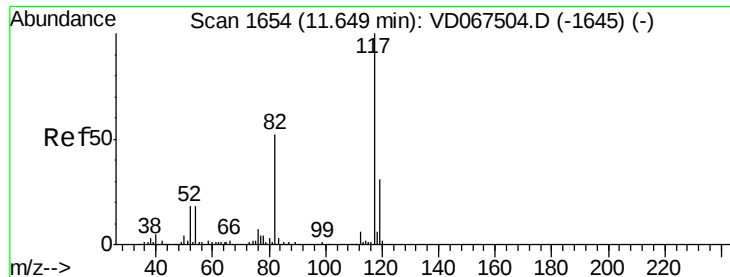
Tot Ion: 98 Resp: 572732
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 60.982 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067521.D
Acq: 04 Nov 2020 15:38

Tgt Ion: 95 Resp: 213170
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.8
176 85.9 0.0 172.0

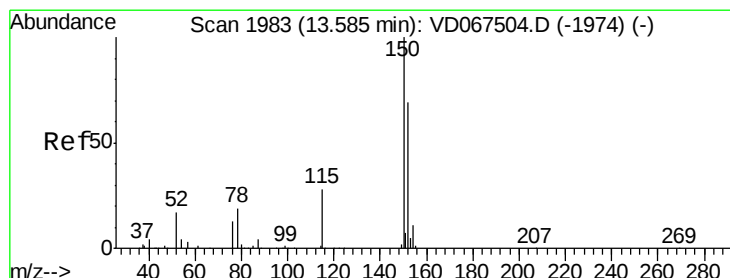
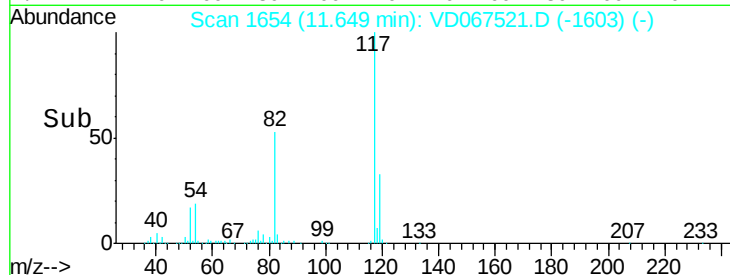
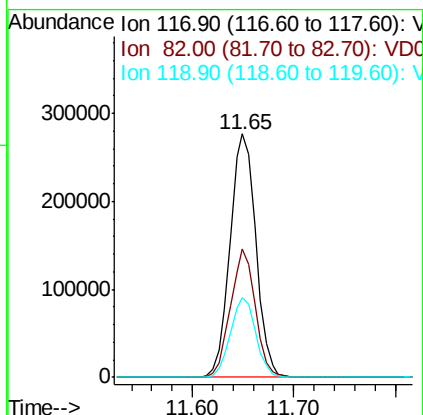
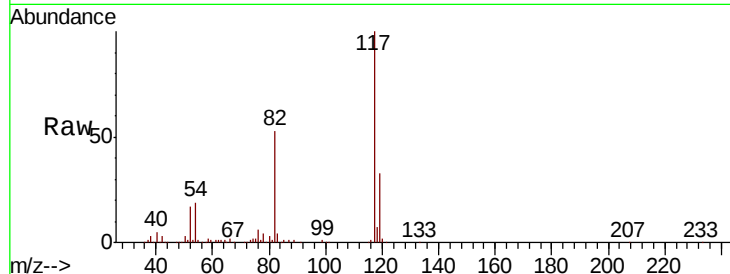




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067521.D
Acq: 04 Nov 2020 15:38

Instrument :
MSVOA_D
ClientSampleId :
PAV-B8-110220-0-1

Tot Ion:117 Resp: 488241
Ion Ratio Lower Upper
117 100
82 53.0 41.6 62.4
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067521.D
Acq: 04 Nov 2020 15:38

Tgt Ion:152 Resp: 244449
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 158.7 0.0 338.2

