

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067580.D
 Acq On : 10 Nov 2020 14:11
 Operator : VA/SY
 Sample : L4680-07
 Misc : 6.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110920-19-20

Quant Time: Nov 11 00:39:25 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	277783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	478733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	150016	61.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.52%	
35) Dibromofluoromethane	7.91	113	151151	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
50) Toluene-d8	10.34	98	539988	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
62) 4-Bromofluorobenzene	12.64	95	207583	62.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.42%	

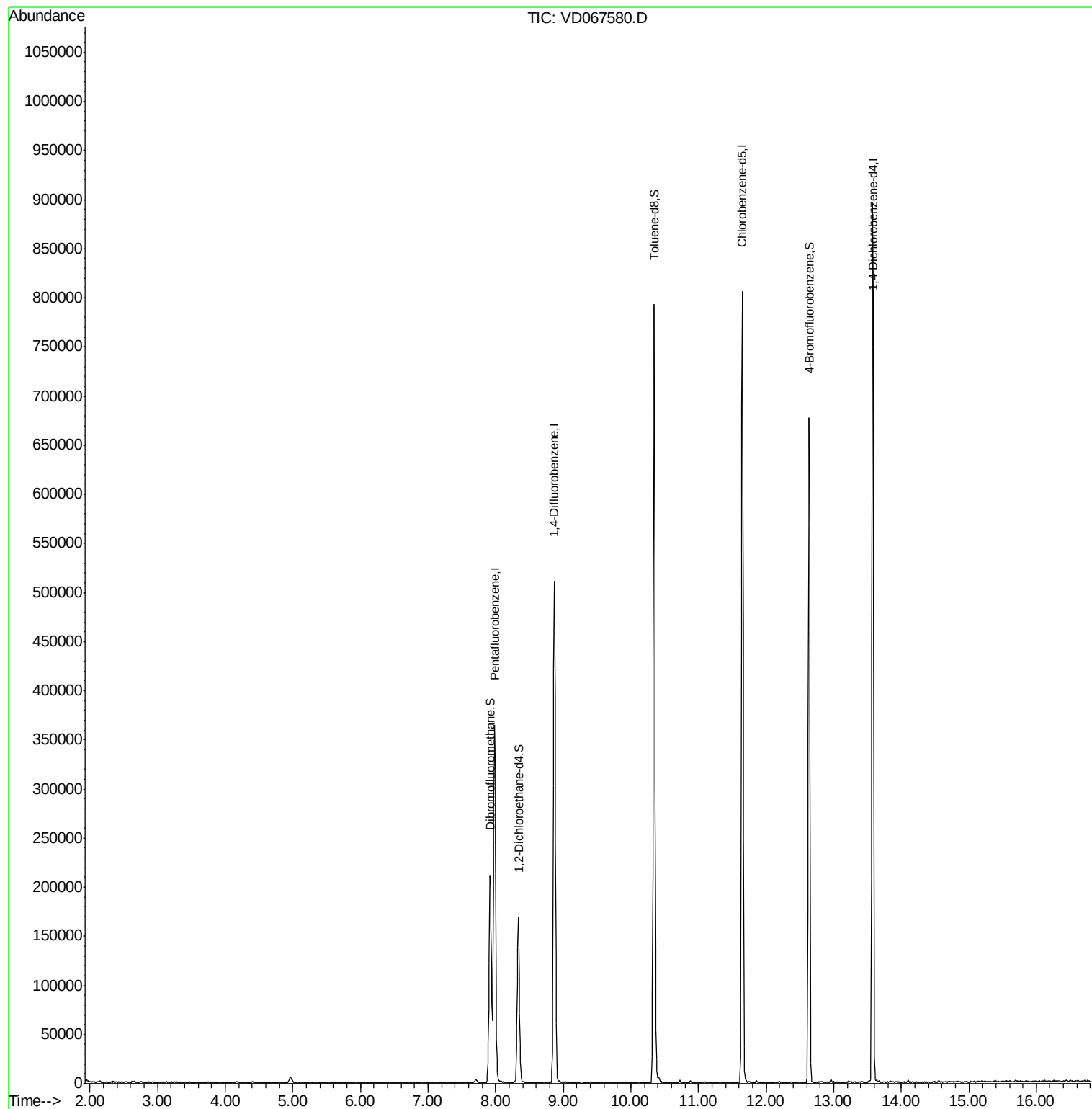
Target Compounds	Qvalue

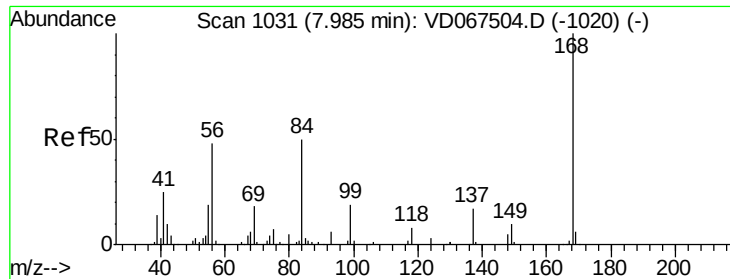
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067580.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

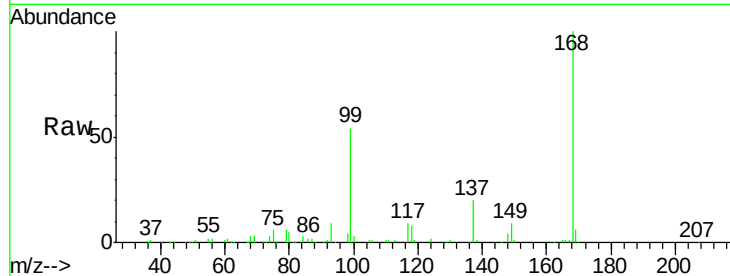
PAV-B7-110920-19-20

Tot Ion:168 Resp: 277783

Ion Ratio Lower Upper

168 100

99 54.0 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

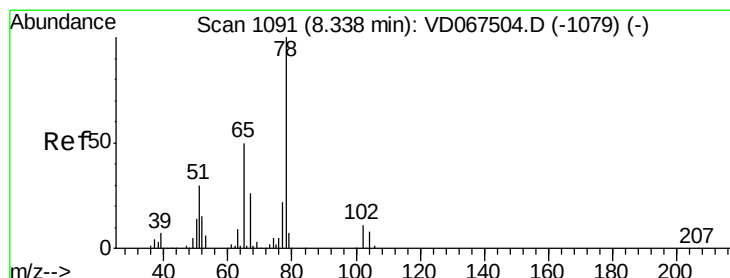
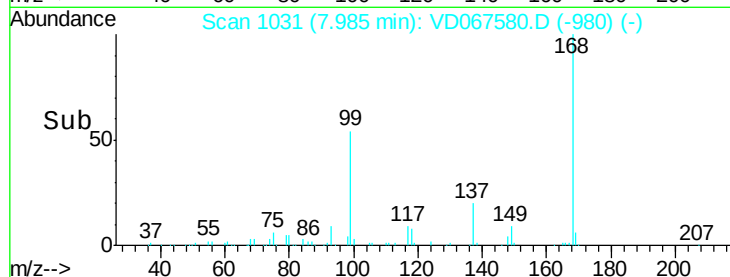
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.763 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067580.D

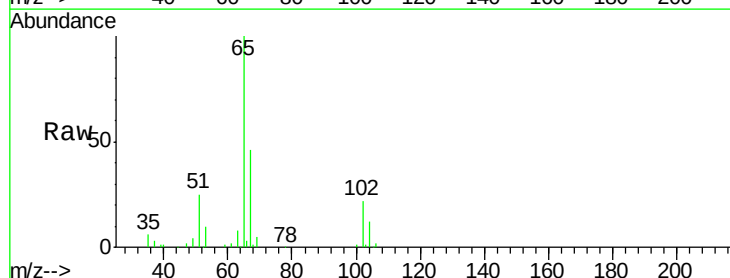
Acq: 10 Nov 2020 14:11

Tgt Ion: 65 Resp: 150016

Ion Ratio Lower Upper

65 100

67 47.7 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

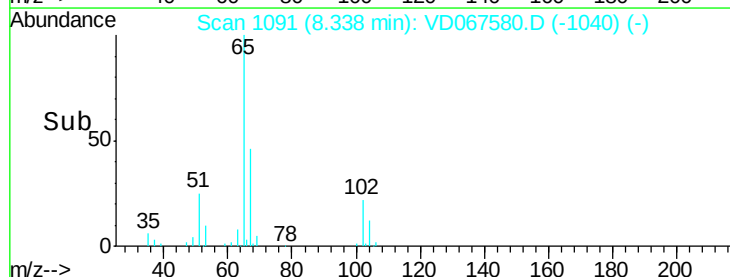
60000

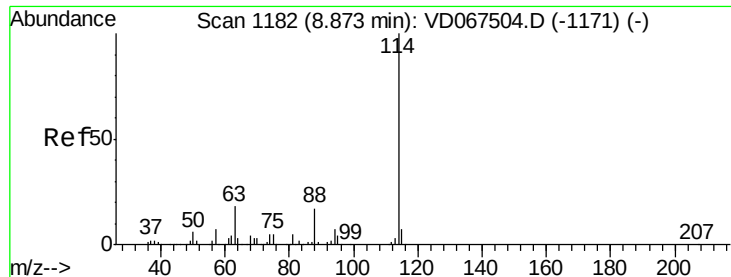
40000

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: VD067580.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

PAV-B7-110920-19-20

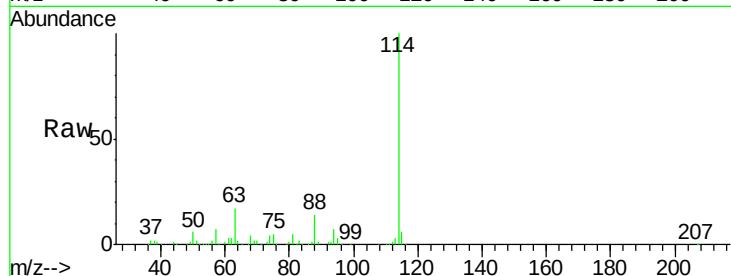
Tot Ion:114 Resp: 456479

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

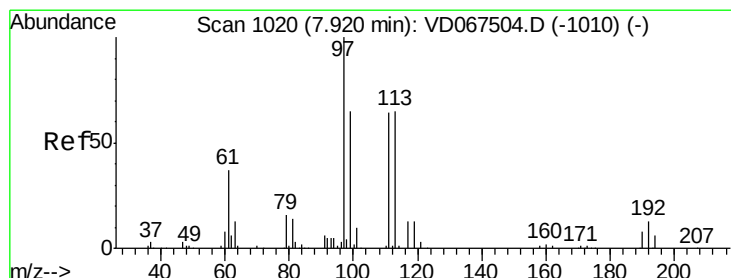
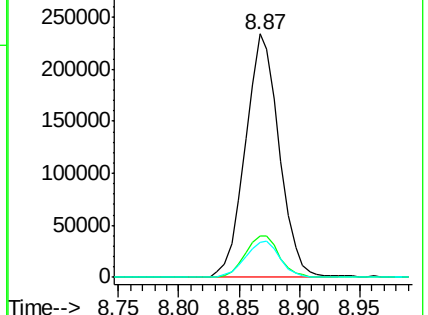
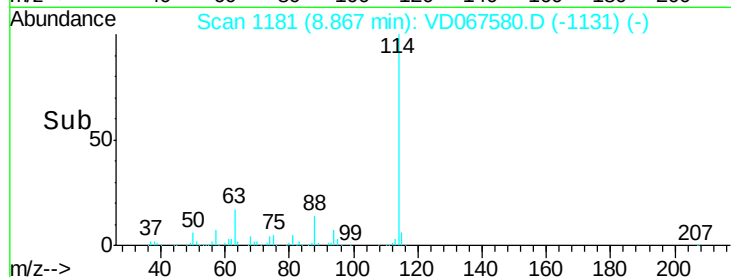
88 14.3 0.0 33.0



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: 54.959 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067580.D

Acq: 10 Nov 2020 14:11

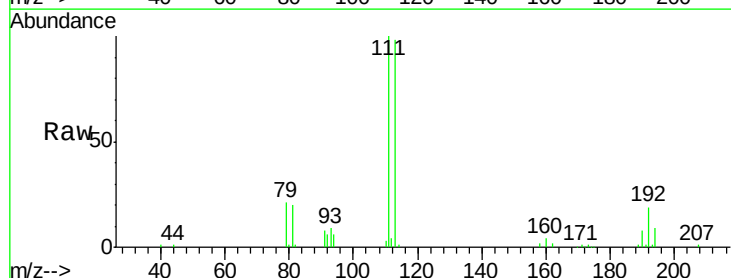
Tgt Ion:113 Resp: 151151

Ion Ratio Lower Upper

113 100

111 103.3 80.0 120.0

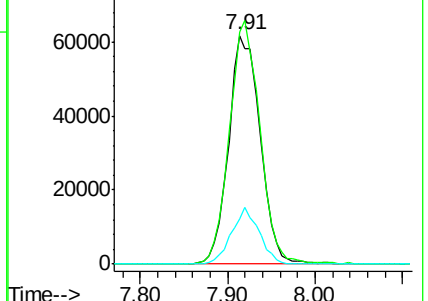
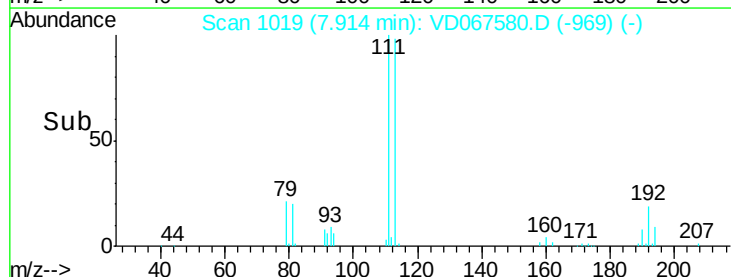
192 21.6 16.3 24.5

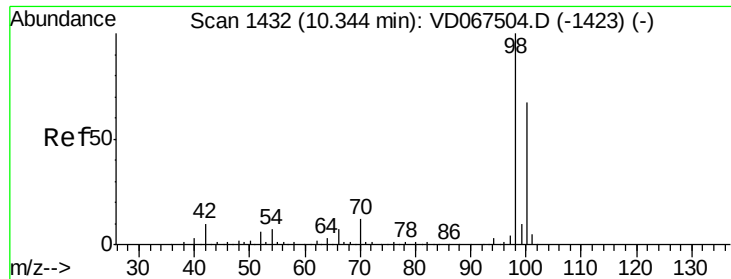


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

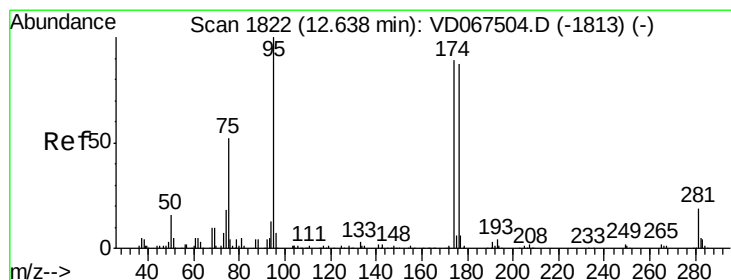
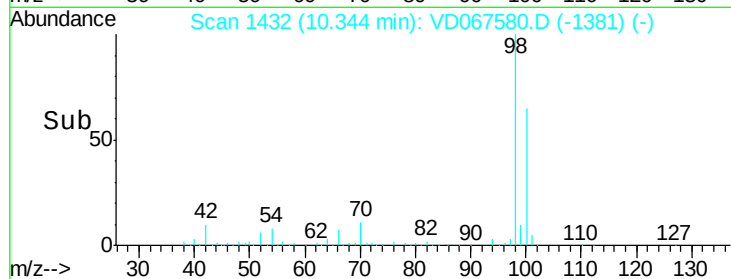
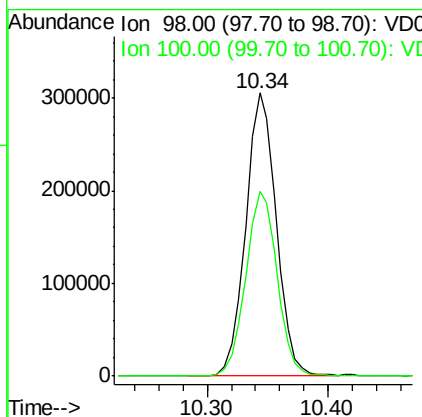
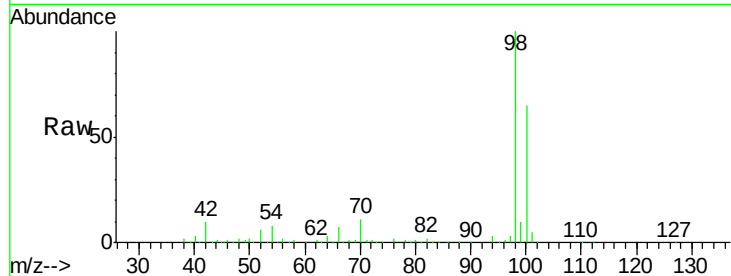




#50
Toluene-d8
Concen: 55.870 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067580.D
Acq: 10 Nov 2020 14:11

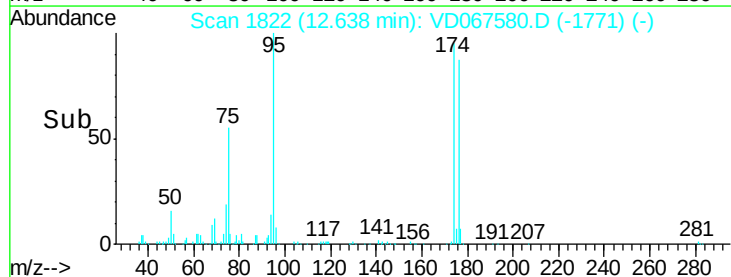
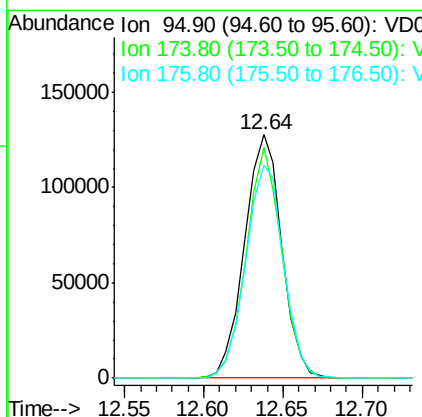
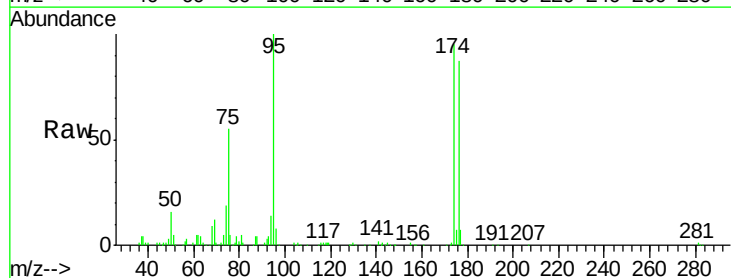
Instrument :
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ClientSampleId :
PAV-B7-110920-19-20

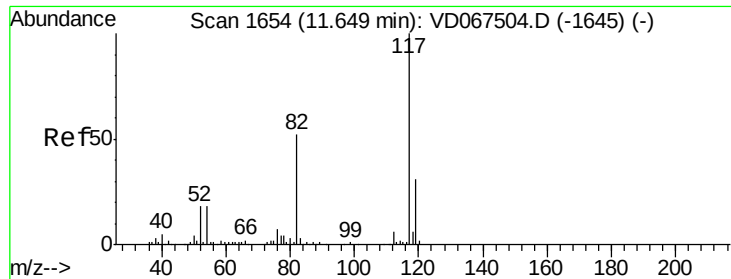
Tot Ion: 98 Resp: 539988
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 62.209 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067580.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 95 Resp: 207583
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.8
176 88.9 0.0 172.0

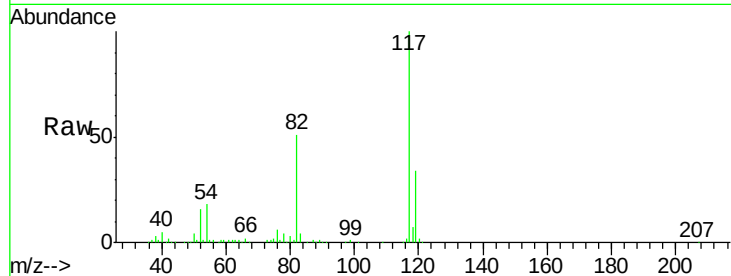




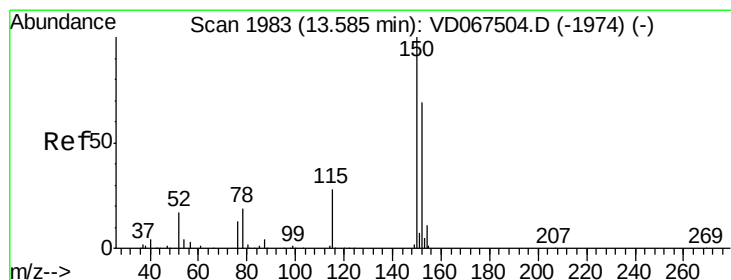
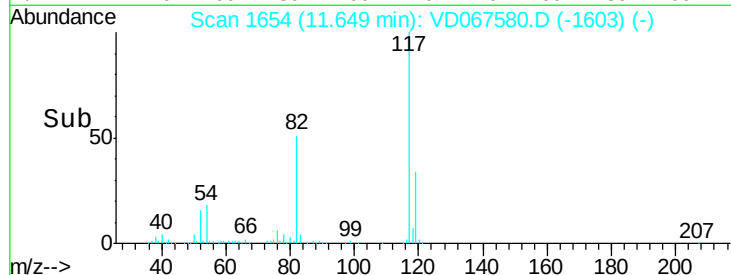
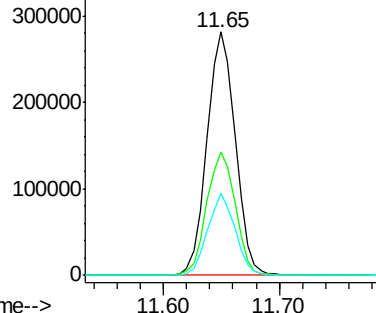
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067580.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_D
ClientSampleId :
PAV-B7-110920-19-20

Tot Ion:117 Resp: 478733
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 33.9 25.1 37.7

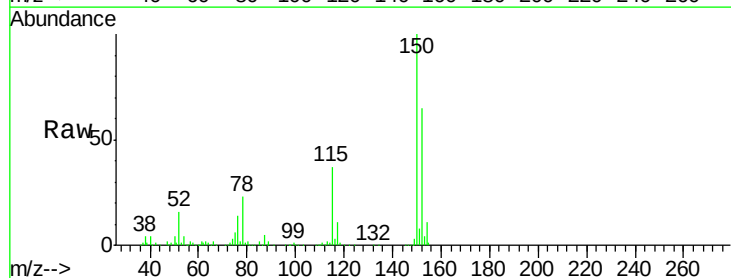


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067580.D
Acq: 10 Nov 2020 14:11

Tgt Ion:152 Resp: 252593
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 152.0 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

