

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067801.D
 Acq On : 25 Nov 2020 21:36
 Operator : VA/SY
 Sample : L4882-01
 Misc : 5.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1

Quant Time: Nov 26 03:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	648799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1049879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	985959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	492818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	344148	54.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	109.10%		
35) Dibromofluoromethane	7.92	113	313876	46.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.96%		
50) Toluene-d8	10.34	98	1179563	48.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.58%		
62) 4-Bromofluorobenzene	12.64	95	445013	53.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.60%		

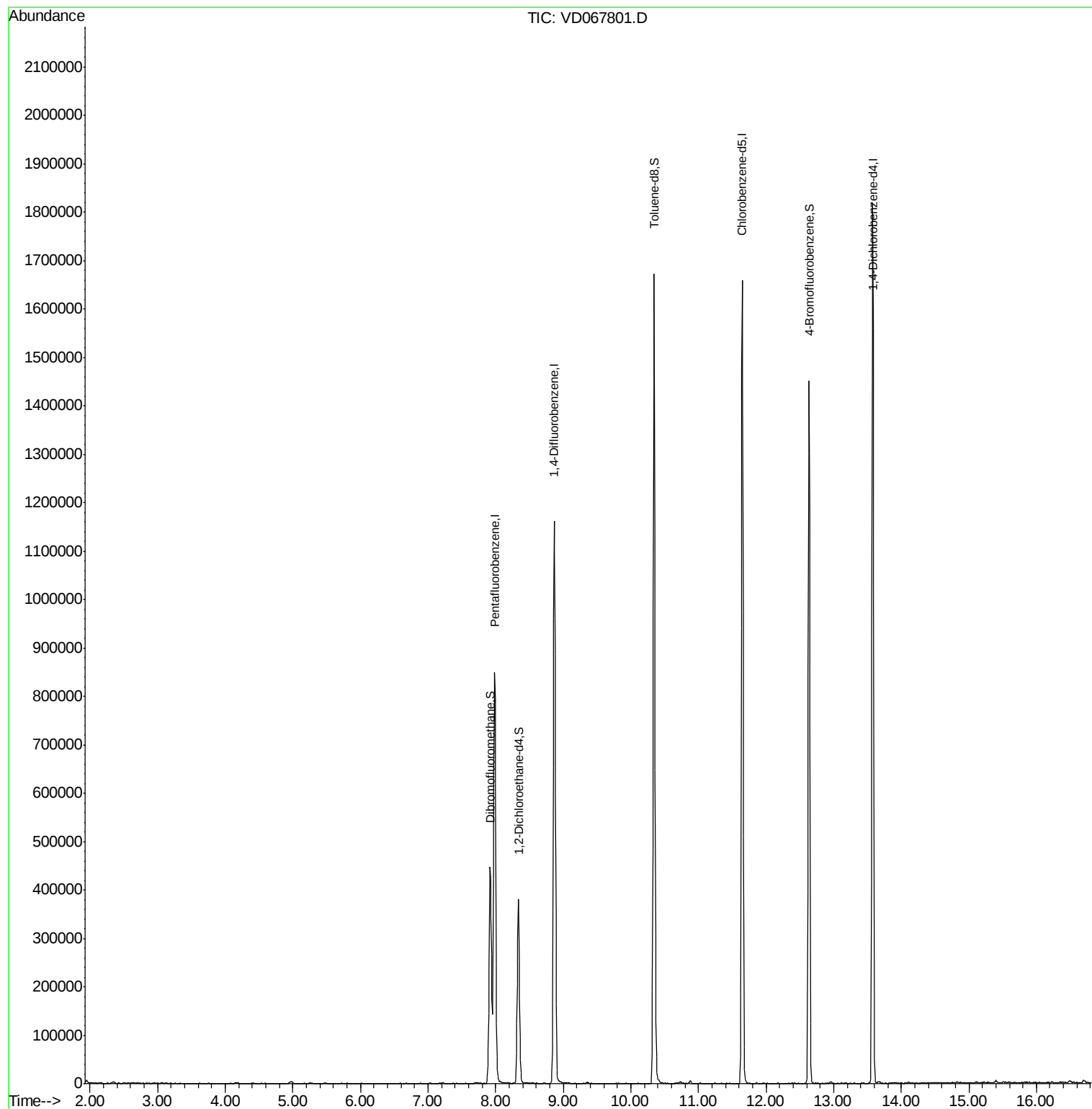
Target Compounds	Qvalue
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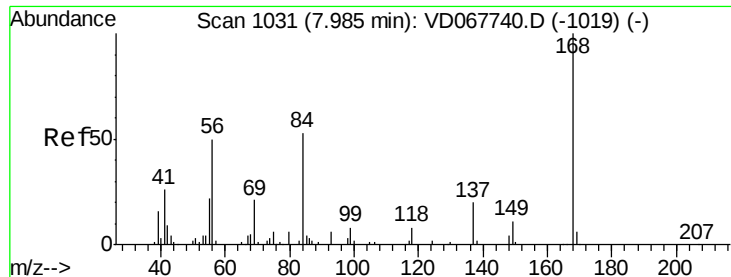
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067801.D

Acq: 25 Nov 2020 21:36

Instrument :

MSVOA_D

ClientSampleId :

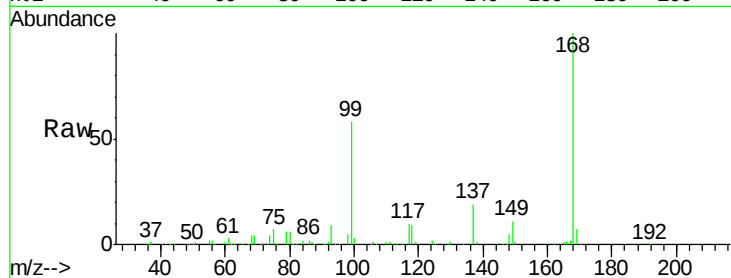
PAV-B48-112320-0-1

Tot Ion:168 Resp: 648799

Ion Ratio Lower Upper

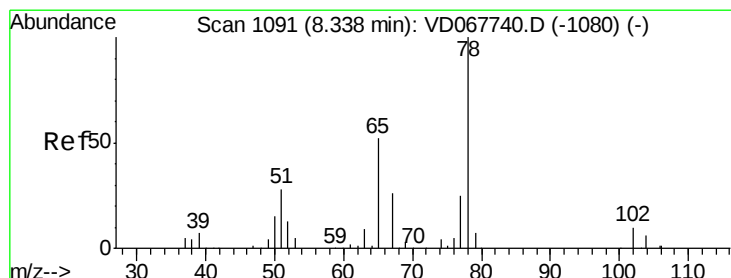
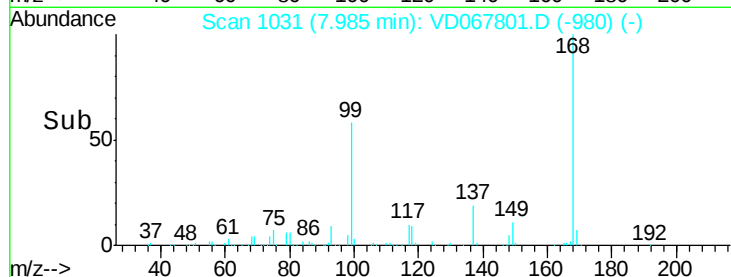
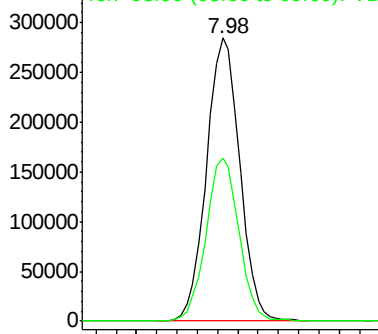
168 100

99 57.8 43.8 65.8



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: 54.554 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067801.D

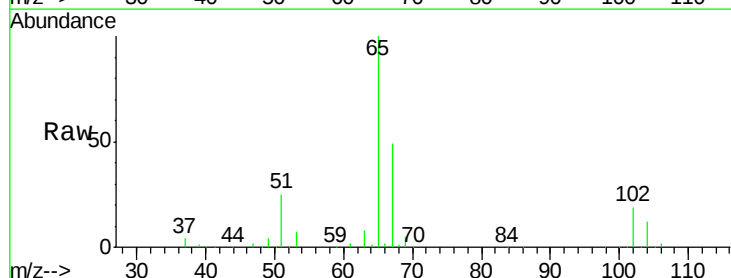
Acq: 25 Nov 2020 21:36

Tgt Ion: 65 Resp: 344148

Ion Ratio Lower Upper

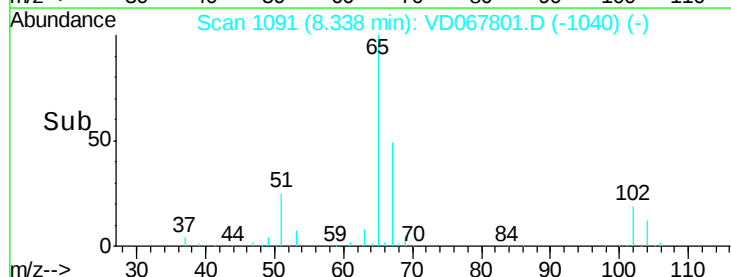
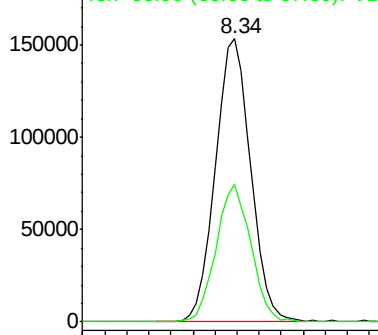
65 100

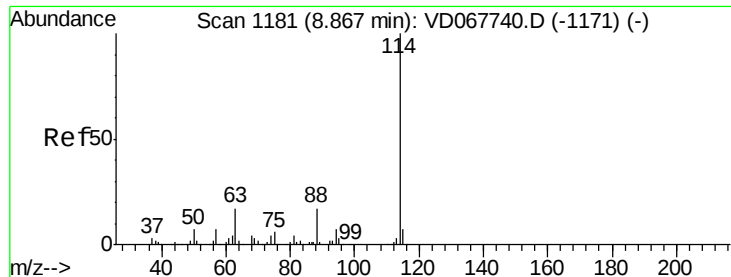
67 48.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

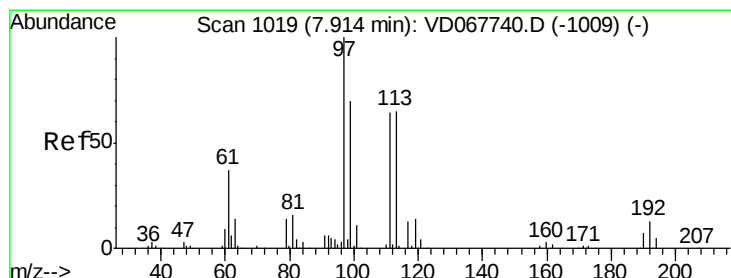
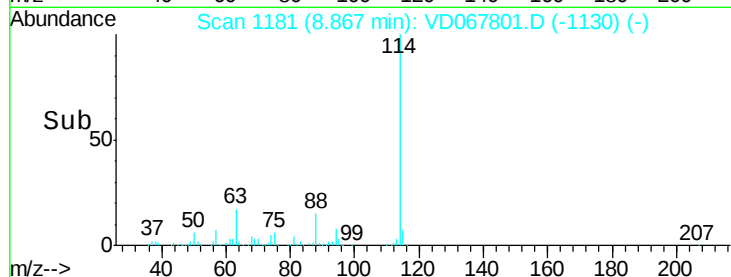
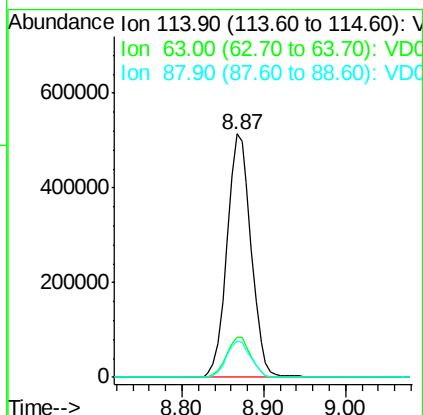
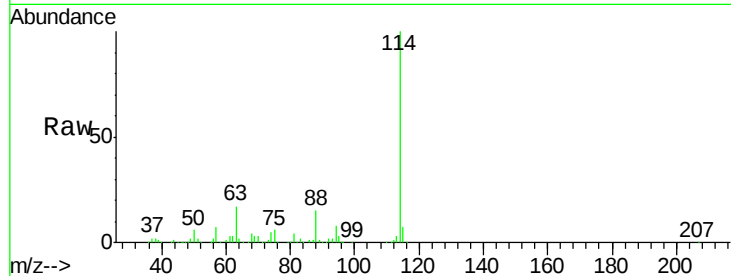




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

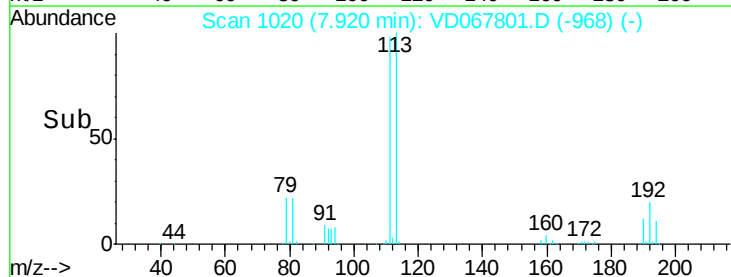
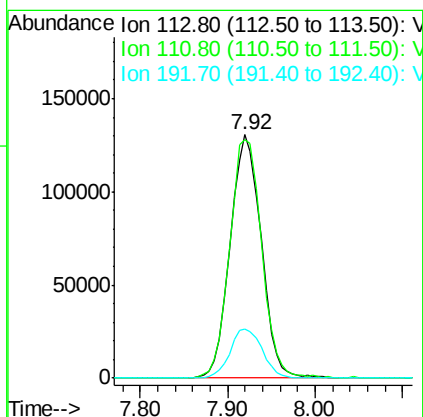
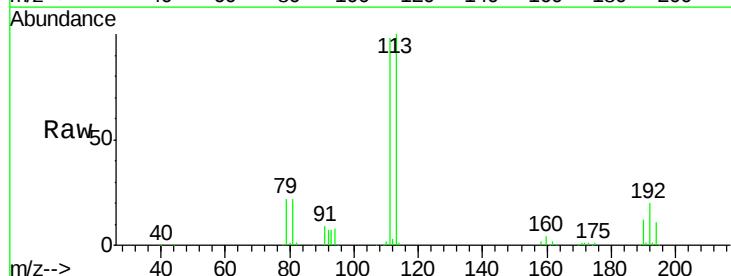
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1

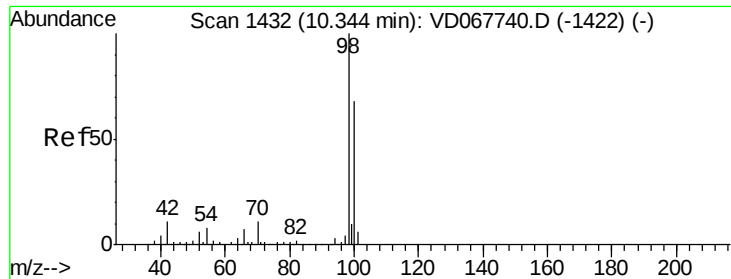
Tot Ion:114 Resp: 1049879
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 34.8
 88 14.8 0.0 34.4



#35
 Dibromofluoromethane
 Concen: 46.978 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

Tgt Ion:113 Resp: 313876
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 21.1 17.0 25.4





#50

Toluene-d8

Concen: 48.288 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

Instrument :

MSVOA_D

ClientSampleId :

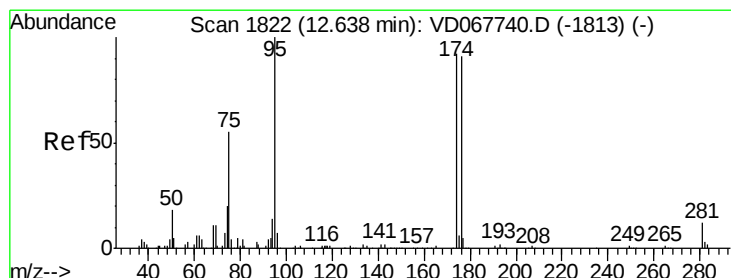
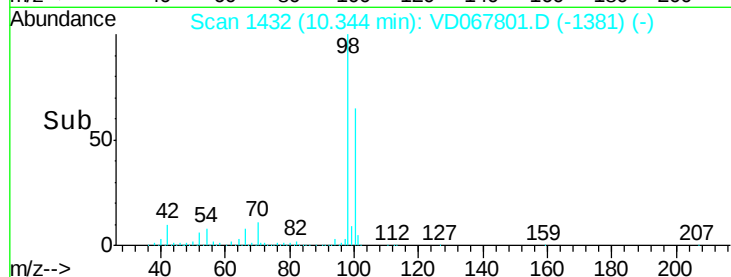
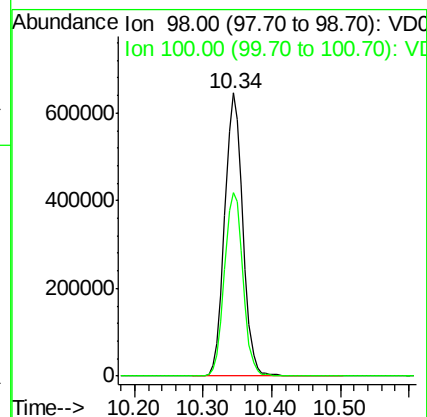
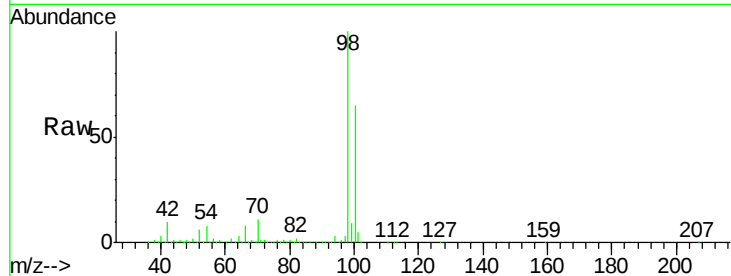
PAV-B48-112320-0-1

Tot Ion: 98 Resp: 1179563

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.298 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

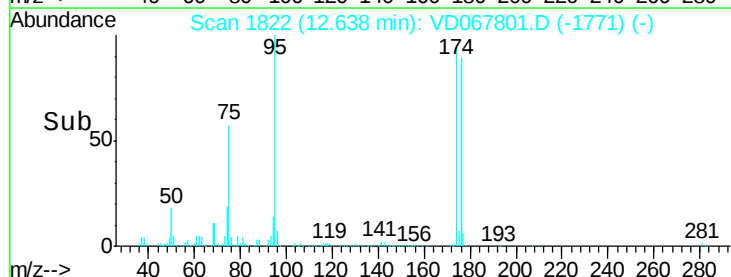
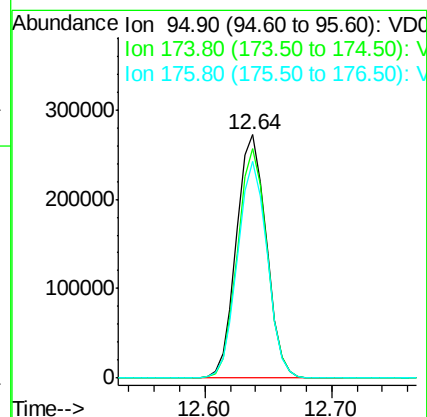
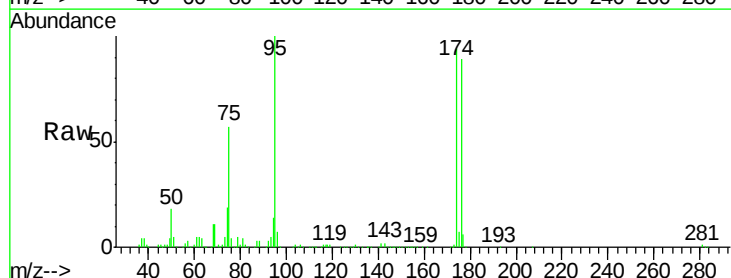
Tgt Ion: 95 Resp: 445013

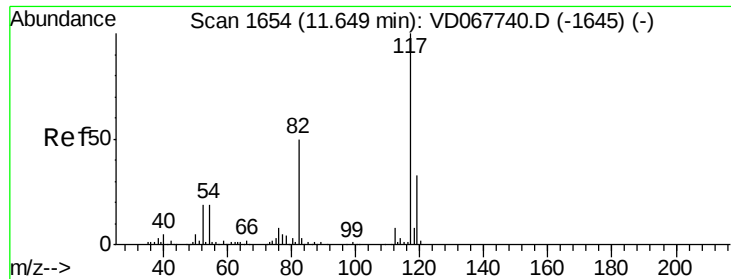
Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.4

176 87.9 0.0 178.2

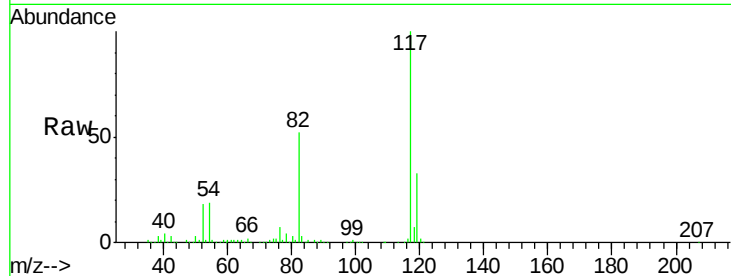




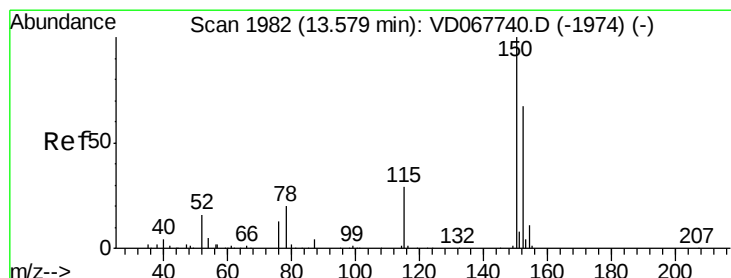
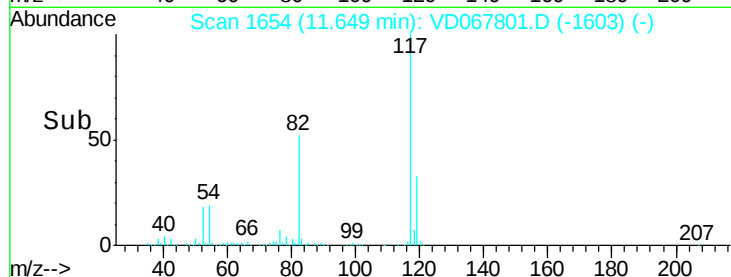
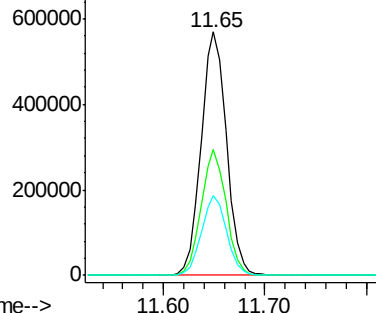
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1

Tot Ion:117 Resp: 985959
Ion Ratio Lower Upper
117 100
82 51.5 40.2 60.4
119 32.6 26.5 39.7

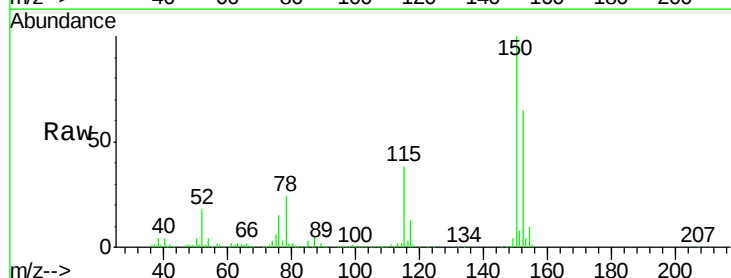


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Tgt Ion:152 Resp: 492818
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 157.0 0.0 340.6



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

