

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067822.D
 Acq On : 30 Nov 2020 18:49
 Operator : VA/SY
 Sample : L4900-01
 Misc : 6.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B2-112520-0-1

Quant Time: Dec 01 01:01:14 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	175274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	270633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	241339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101682	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	100511	58.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.96%
35) Dibromofluoromethane	7.92	113	66170	38.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.84%
50) Toluene-d8	10.34	98	290042	46.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.12%
62) 4-Bromofluorobenzene	12.64	95	85733	39.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.66%

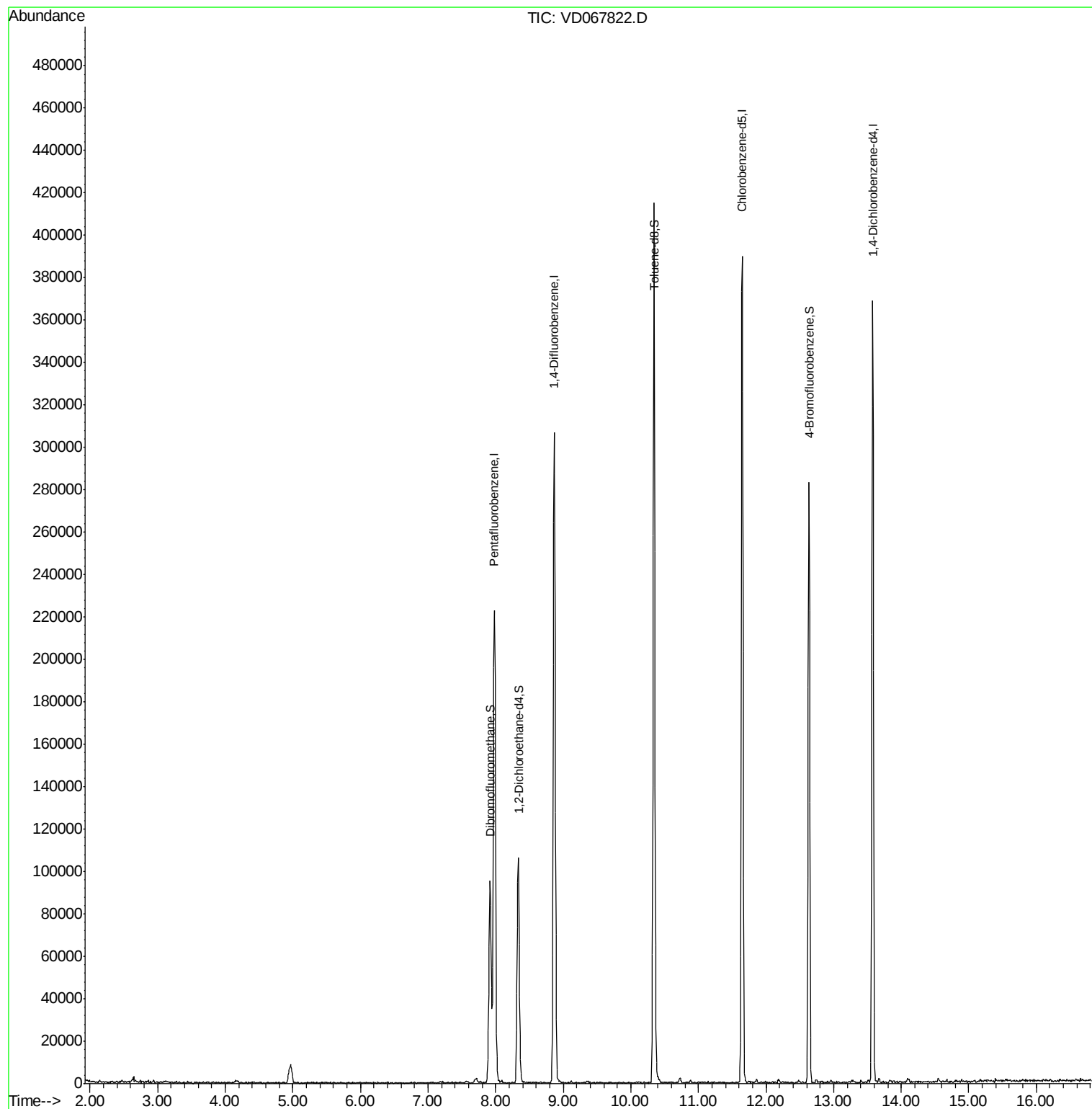
Target Compounds	Qvalue

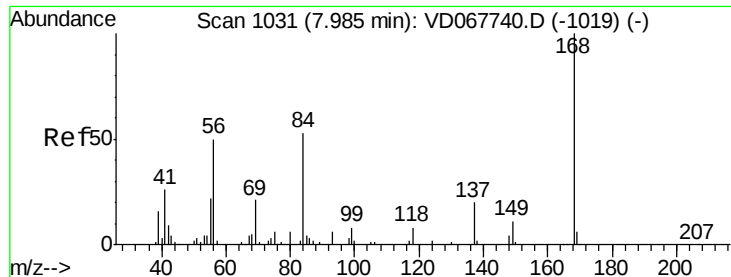
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067822.D

Acq: 30 Nov 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

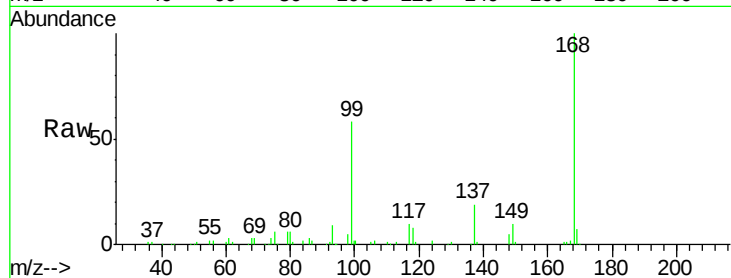
PAV-B2-112520-0-1

Tot Ion:168 Resp: 175274

Ion Ratio Lower Upper

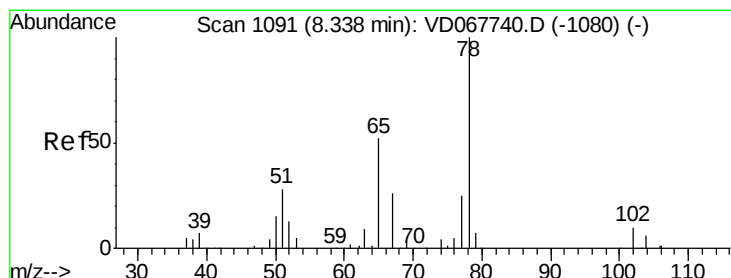
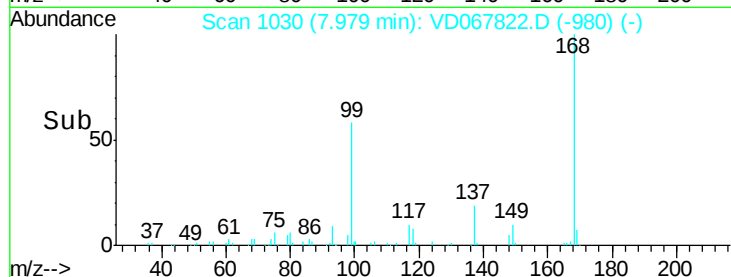
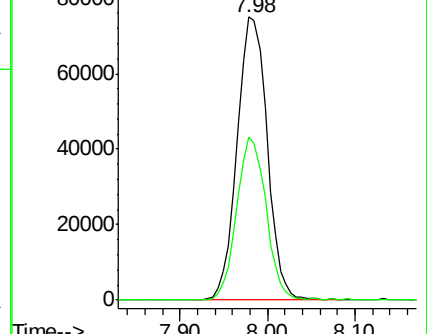
168 100

99 57.7 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: 58.978 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067822.D

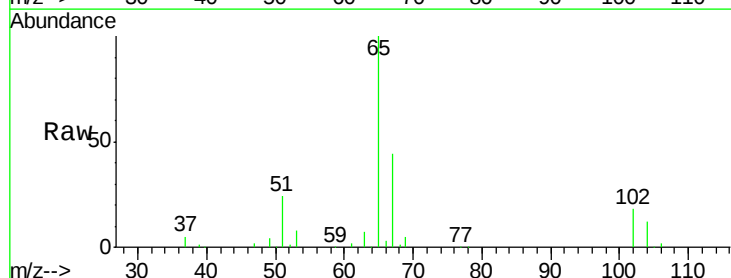
Acq: 30 Nov 2020 18:49

Tgt Ion: 65 Resp: 100511

Ion Ratio Lower Upper

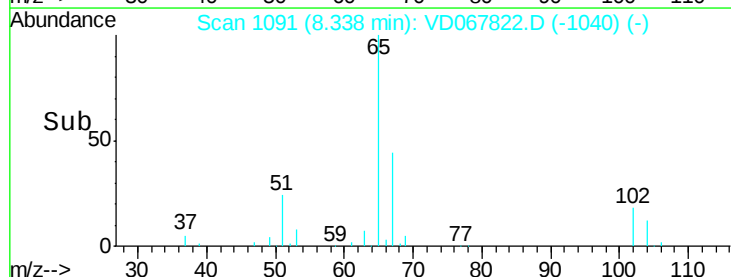
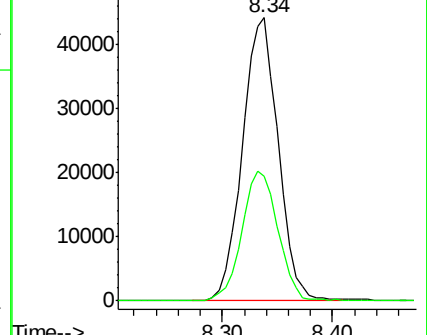
65 100

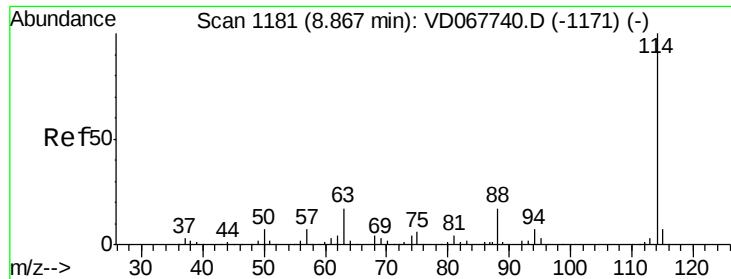
67 46.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

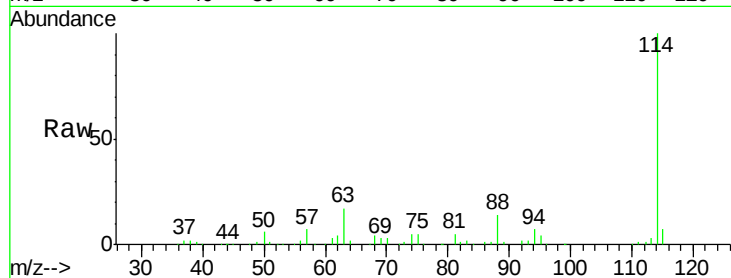




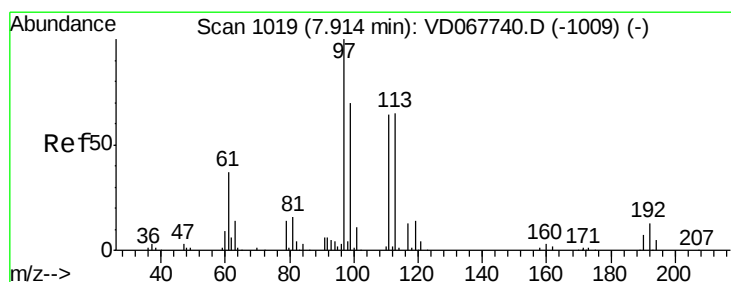
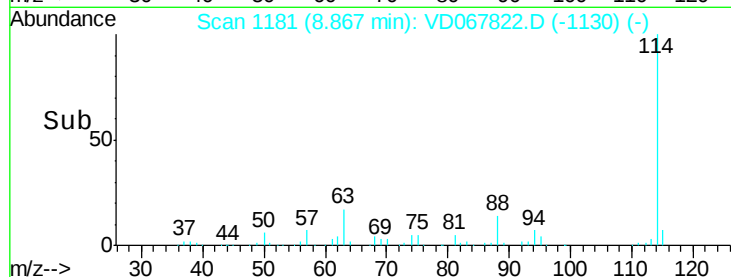
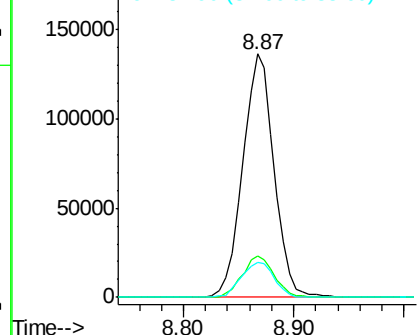
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067822.D
 Acq: 30 Nov 2020 18:49

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B2-112520-0-1

Tot Ion:114 Resp: 270633
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.8
 88 14.4 0.0 34.4

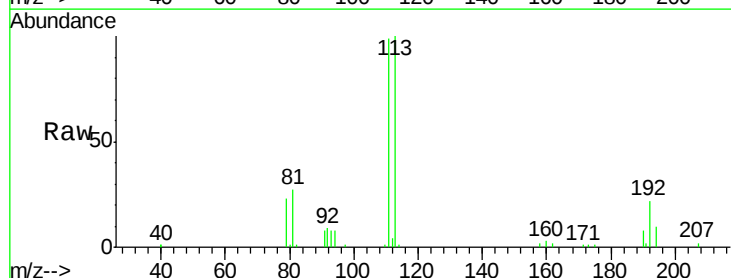


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

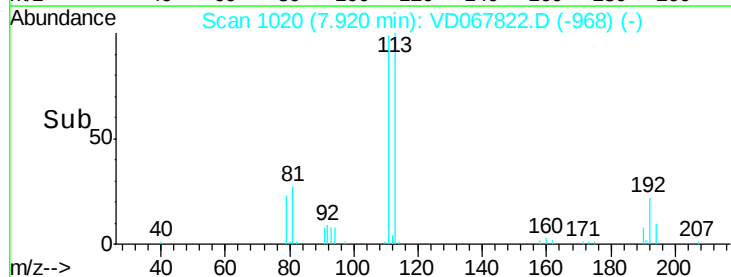
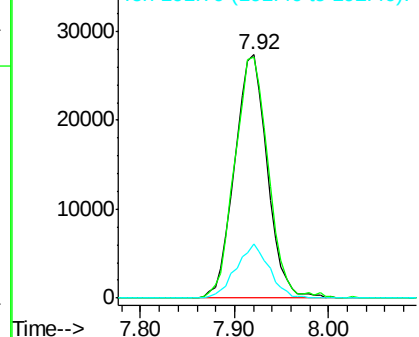


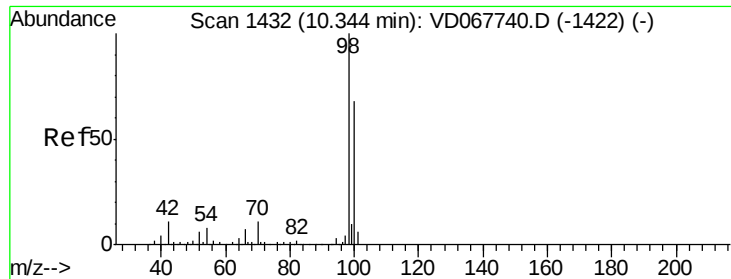
#35
 Dibromofluoromethane
 Concen: 38.419 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067822.D
 Acq: 30 Nov 2020 18:49

Tgt Ion:113 Resp: 66170
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 22.5 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: 46.061 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067822.D

Acq: 30 Nov 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

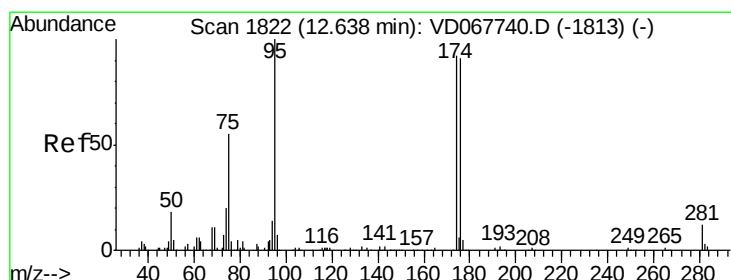
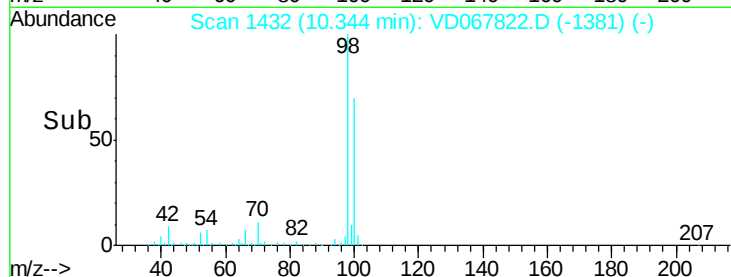
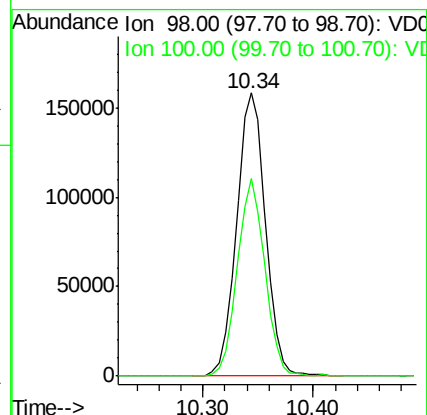
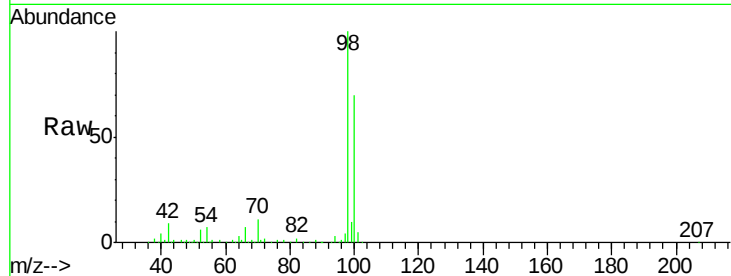
PAV-B2-112520-0-1

Tot Ion: 98 Resp: 290042

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 39.833 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067822.D

Acq: 30 Nov 2020 18:49

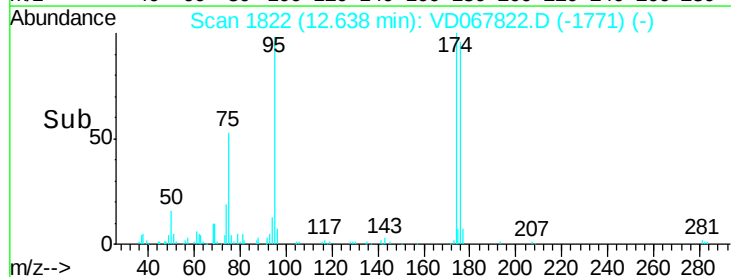
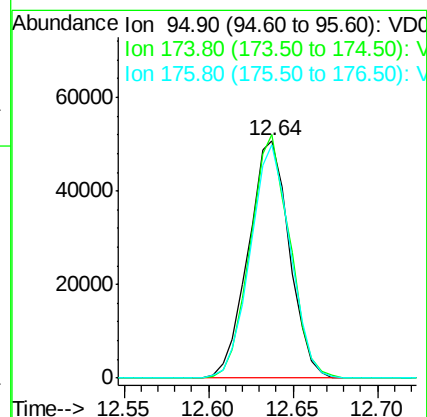
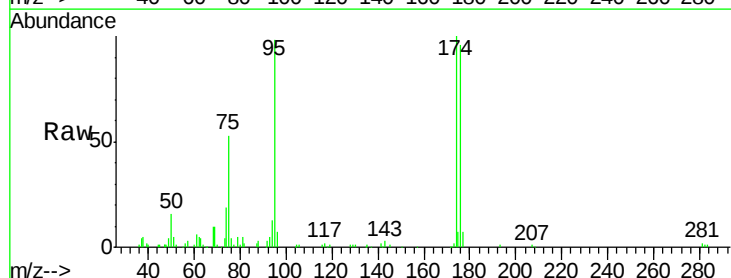
Tgt Ion: 95 Resp: 85733

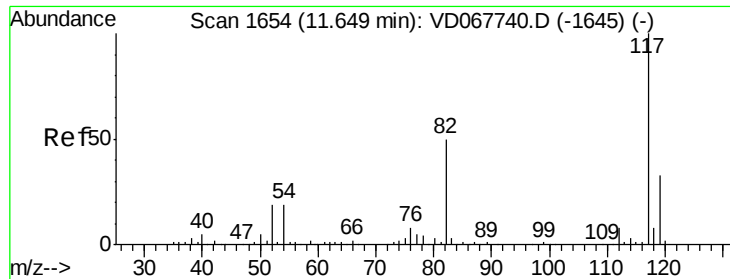
Ion Ratio Lower Upper

95 100

174 98.8 0.0 182.4

176 95.8 0.0 178.2

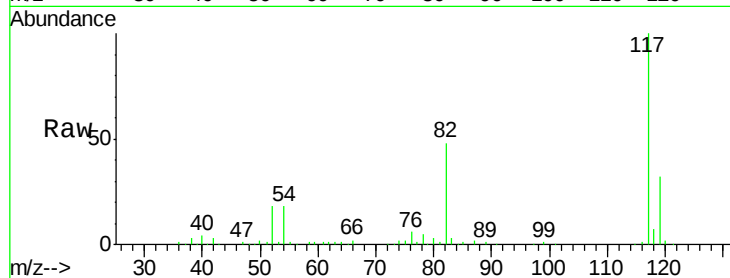




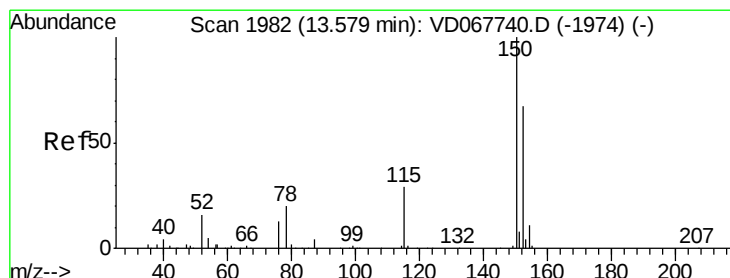
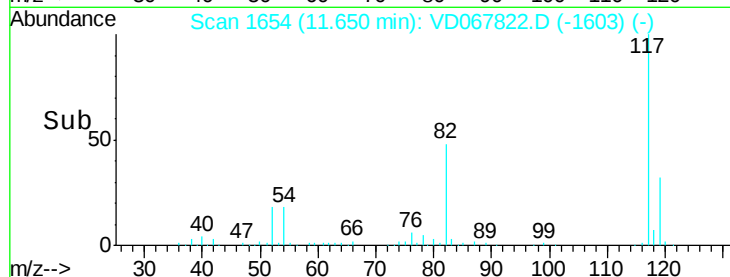
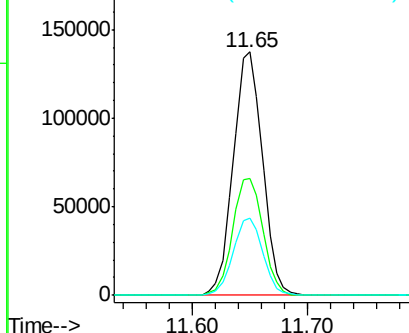
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067822.D
Acq: 30 Nov 2020 18:49

Instrument :
MSVOA_D
ClientSampleId :
PAV-B2-112520-0-1

Tot Ion:117 Resp: 241339
Ion Ratio Lower Upper
117 100
82 48.1 40.2 60.4
119 31.7 26.5 39.7

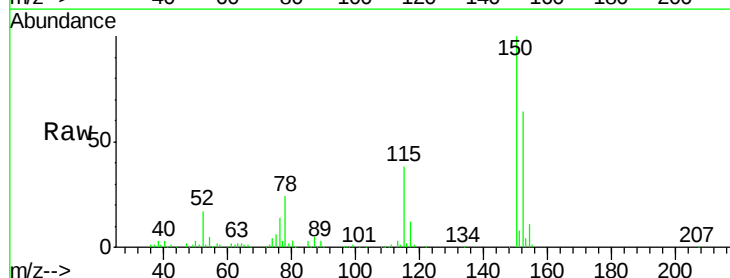


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067822.D
Acq: 30 Nov 2020 18:49

Tgt Ion:152 Resp: 101682
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 157.5 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

