

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067484.D
 Acq On : 02 Nov 2020 11:53
 Operator : VA/SY
 Sample : VD1102SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBL01

Quant Time: Nov 02 15:27:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	359011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	579566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	556067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	176900	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.92	113	178057	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	10.34	98	672825	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.64	95	246428	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

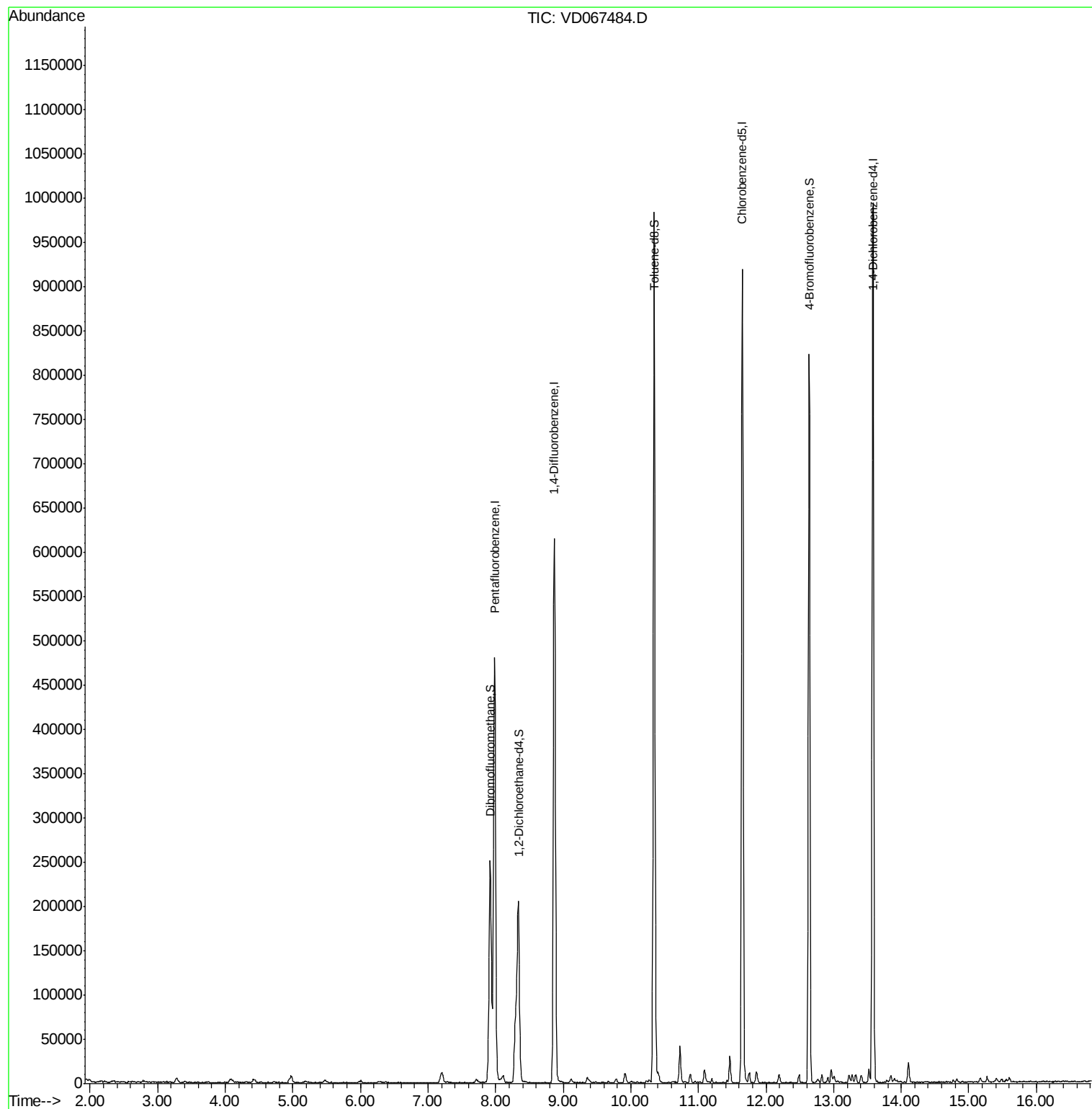
Target Compounds	Qvalue

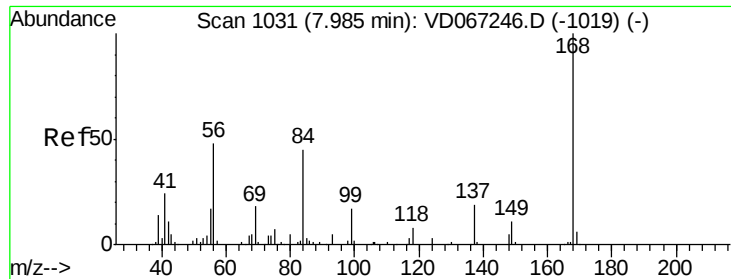
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110220\
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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: VD067484.D

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Instrument :

MSVOA_D

ClientSampleId :

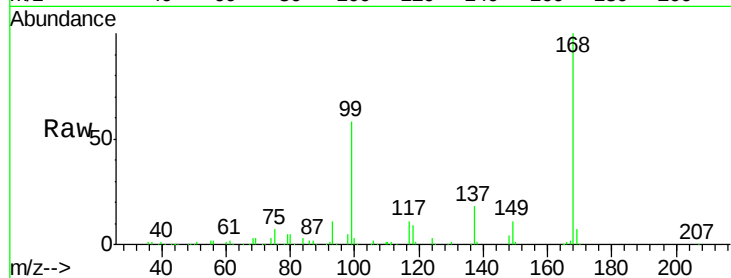
VD1102SBL01

Tot Ion:168 Resp: 359011

Ion Ratio Lower Upper

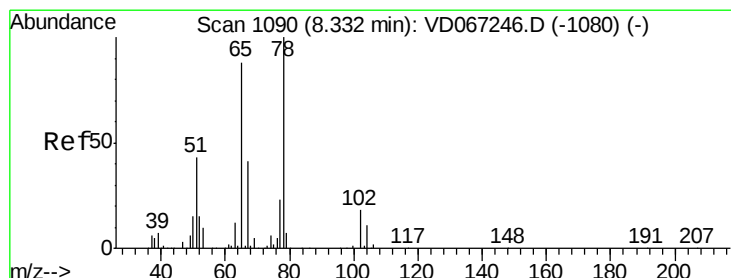
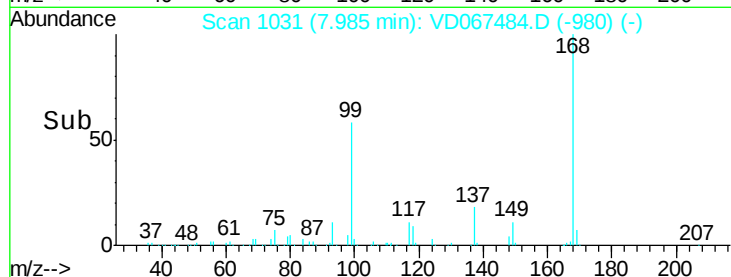
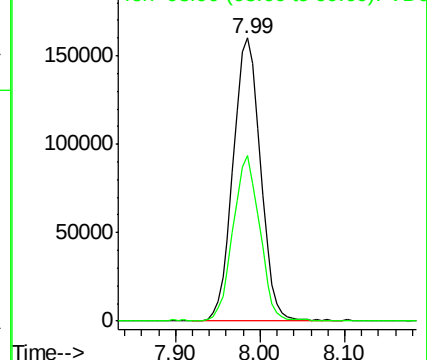
168 100

99 58.2 45.9 68.9



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: 49.183 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067484.D

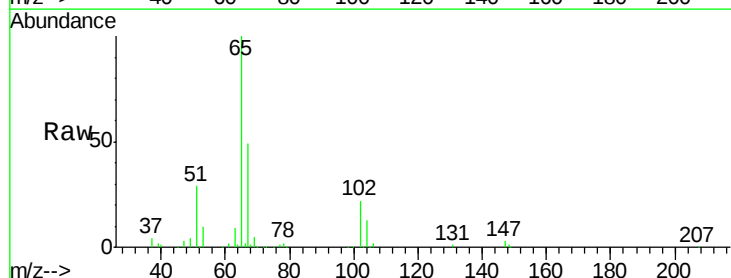
Acq: 02 Nov 2020 11:53

Tgt Ion: 65 Resp: 176900

Ion Ratio Lower Upper

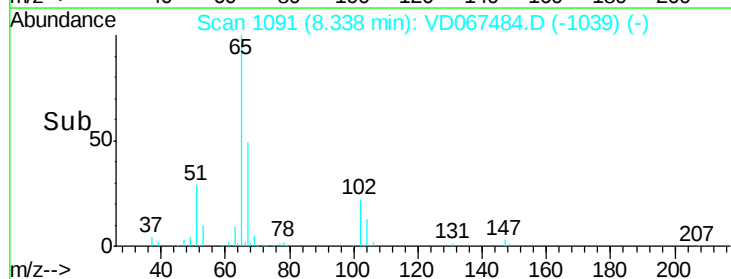
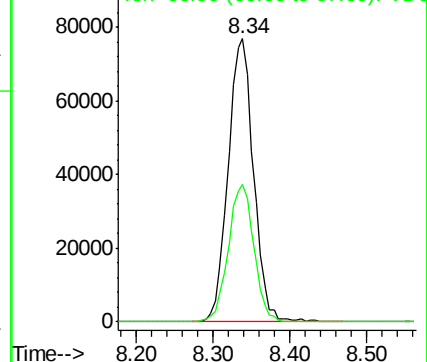
65 100

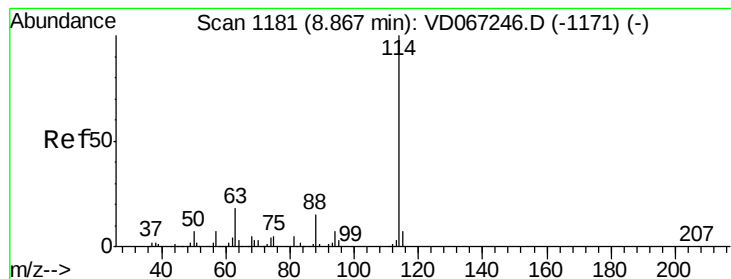
67 48.8 0.0 103.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD067484.D

Acq: 02 Nov 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBL01

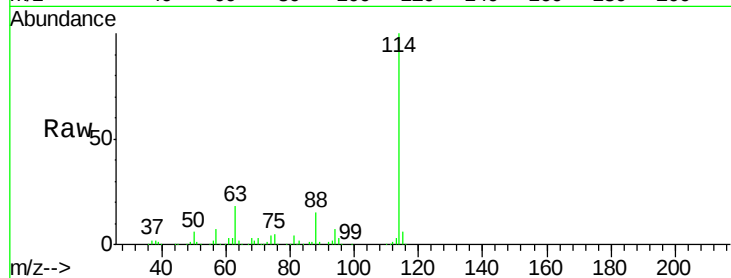
Tot Ion:114 Resp: 579566

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

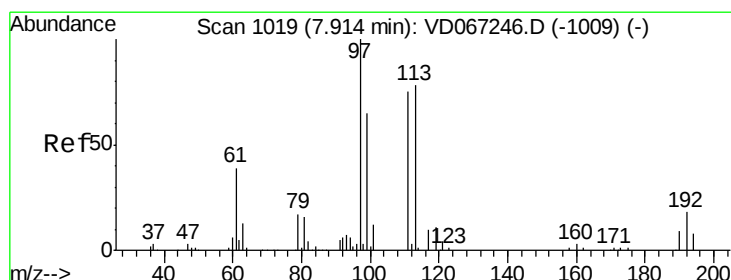
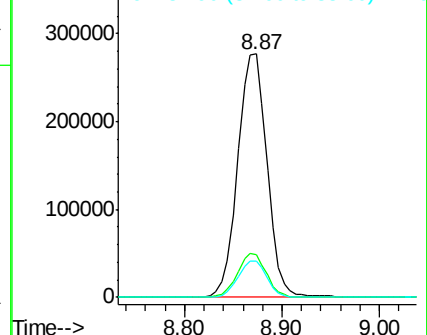
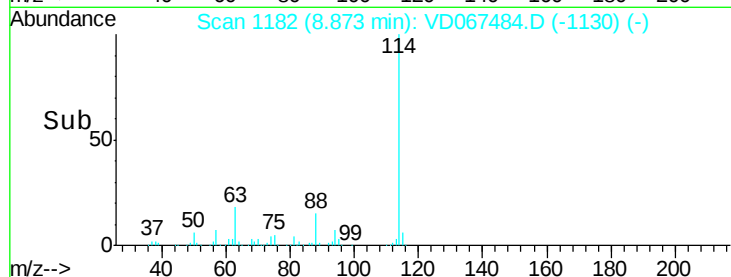
88 14.8 0.0 30.6



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: 46.164 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067484.D

Acq: 02 Nov 2020 11:53

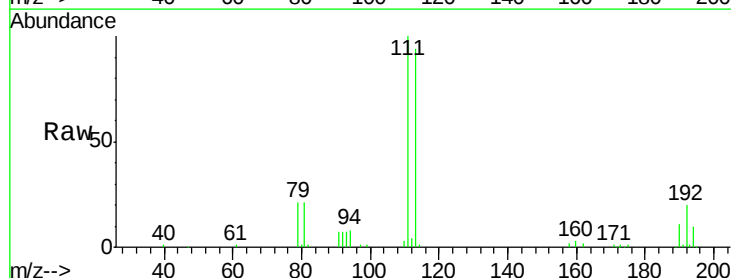
Tgt Ion:113 Resp: 178057

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

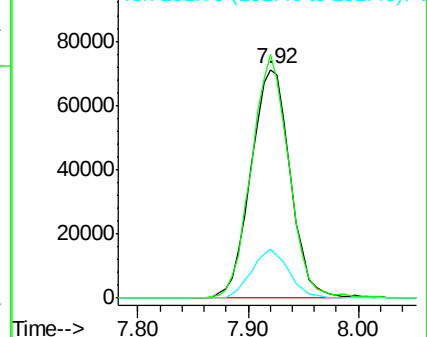
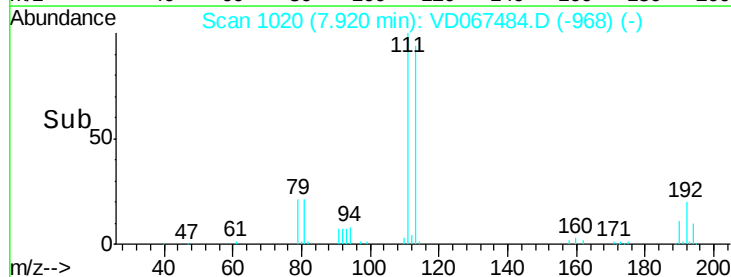
192 20.5 17.0 25.4

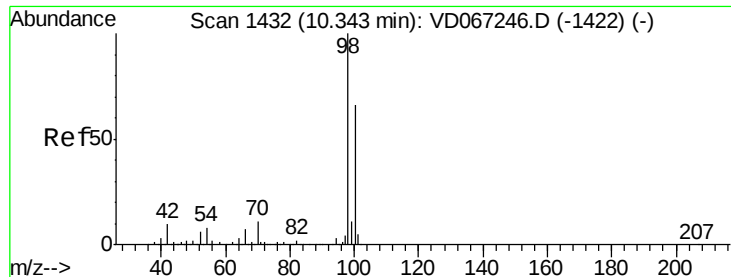


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.203 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067484.D

Acq: 02 Nov 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

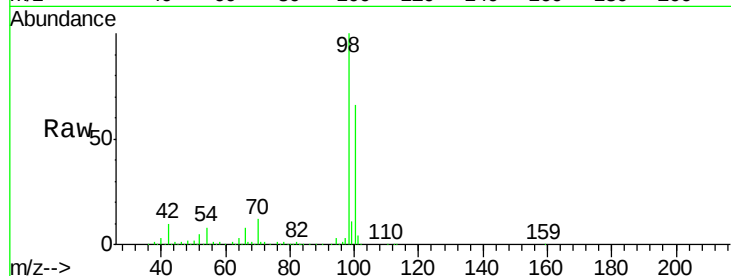
VD1102SBL01

Tot Ion: 98 Resp: 672825

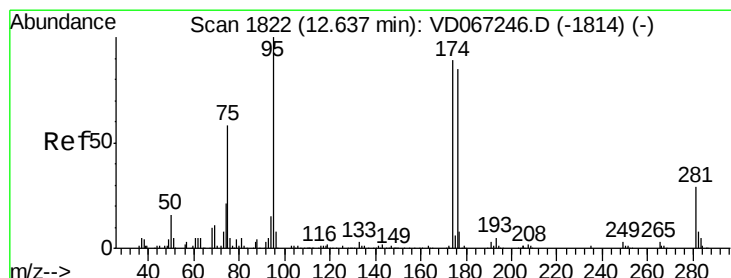
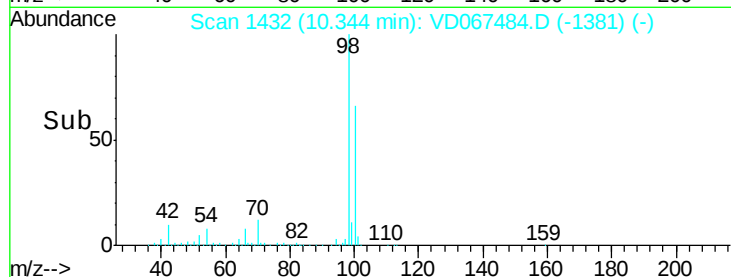
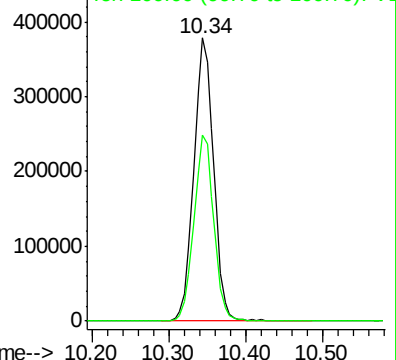
Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 50.773 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067484.D

Acq: 02 Nov 2020 11:53

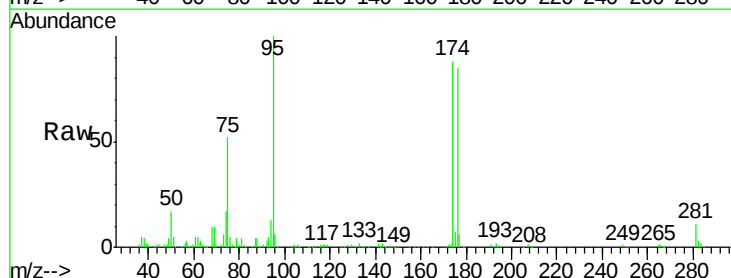
Tgt Ion: 95 Resp: 246428

Ion Ratio Lower Upper

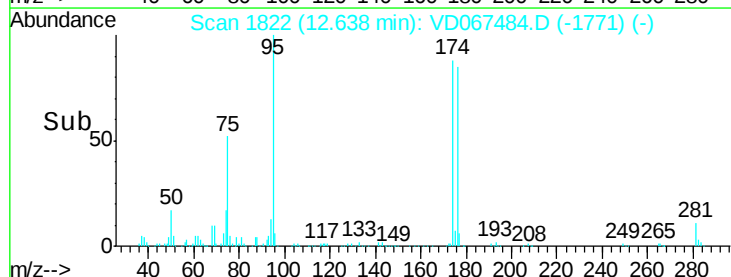
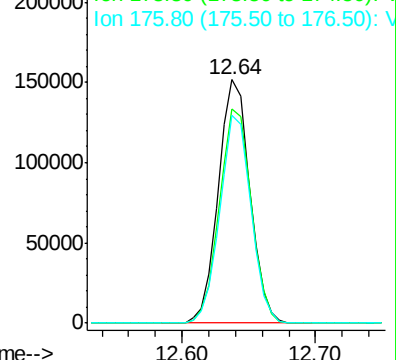
95 100

174 88.7 0.0 175.2

176 84.2 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

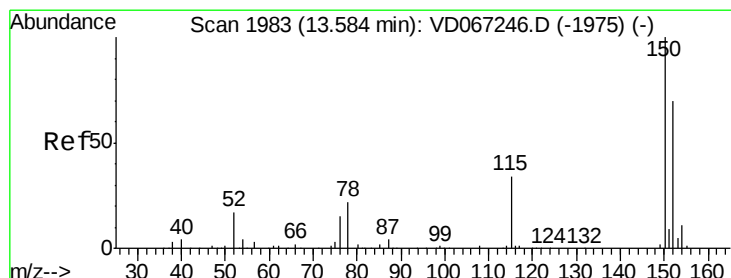
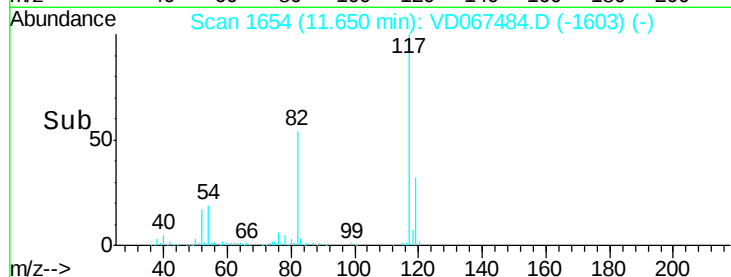
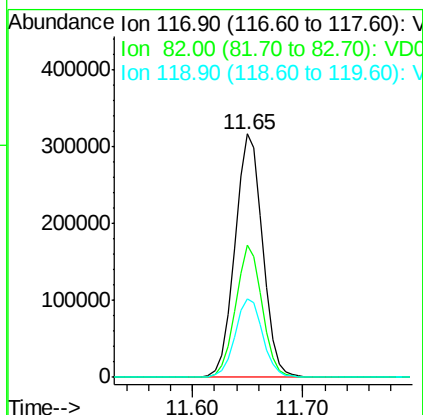
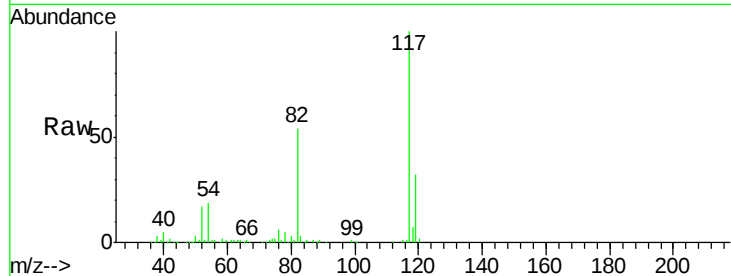




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067484.D
Acq: 02 Nov 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	39.9	59.9
119	32.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067484.D
Acq: 02 Nov 2020 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.9
150	158.1	0.0	339.0

