

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067250.D
 Acq On : 13 Oct 2020 14:13
 Operator : VA/SY
 Sample : VD1013SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBL01

Quant Time: Oct 14 02:34:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	603610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	568629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189748	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.91	113	193609	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.34	98	707885	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.64	95	244708	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

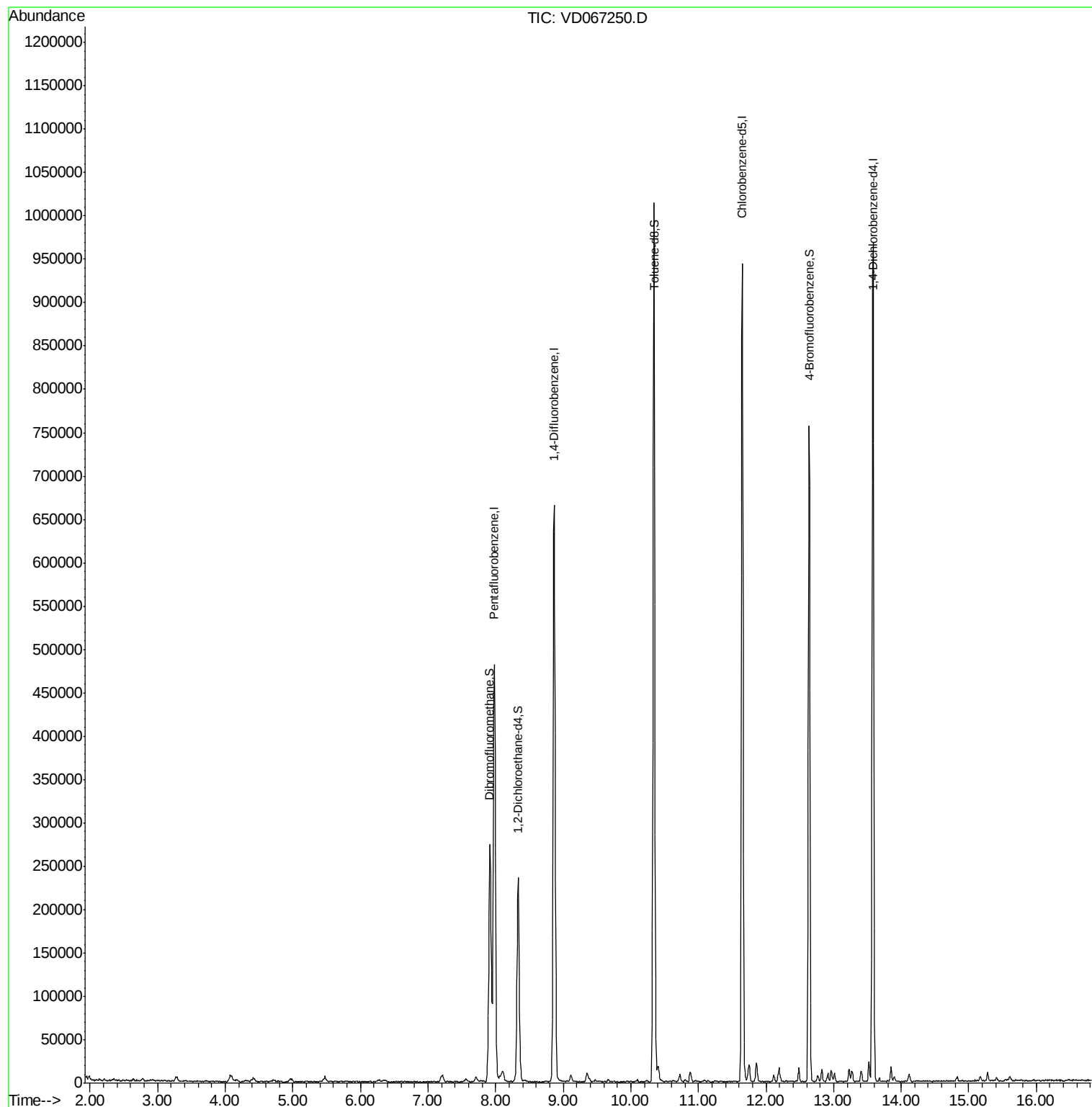
Target Compounds	Qvalue

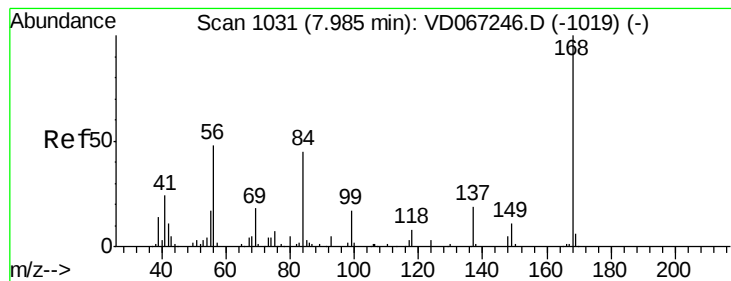
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 13 13:05:03 2020
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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: VD067250.D

Acq: 13 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

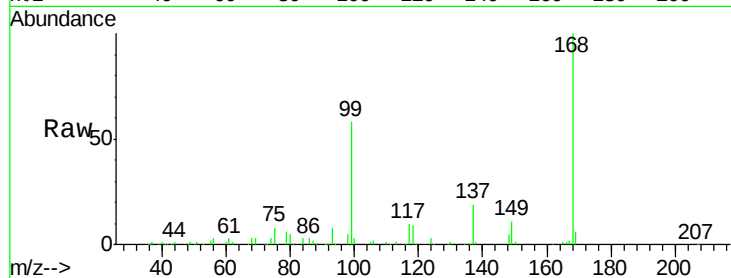
VD1013SBL01

Tot Ion:168 Resp: 362615

Ion Ratio Lower Upper

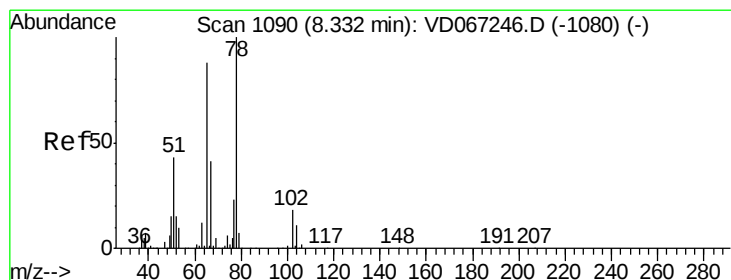
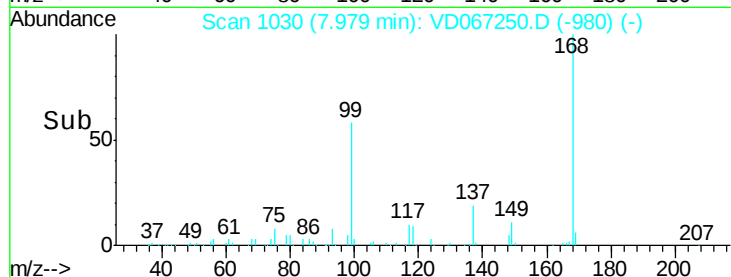
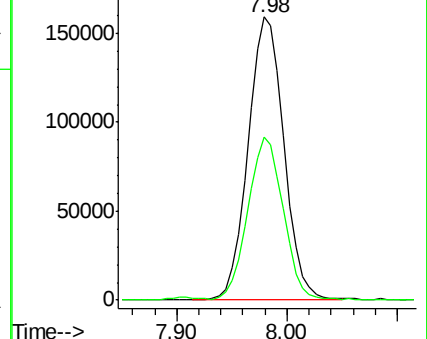
168 100

99 57.6 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: 52.231 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067250.D

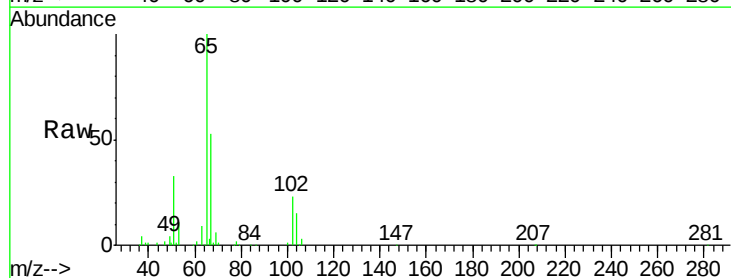
Acq: 13 Oct 2020 14:13

Tgt Ion: 65 Resp: 189748

Ion Ratio Lower Upper

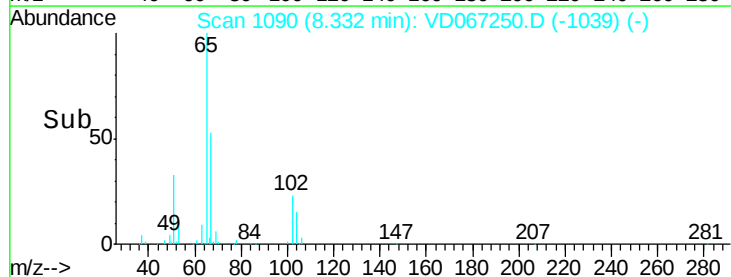
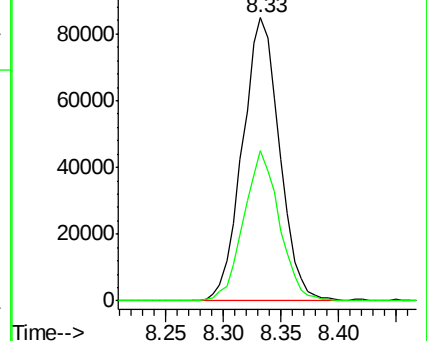
65 100

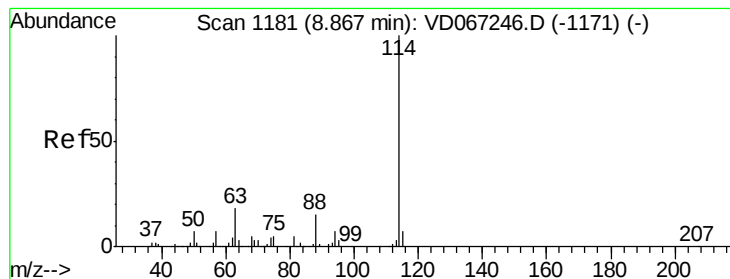
67 51.0 0.0 103.8



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# 1181

Delta R.T. 0.00 min

Lab File: VD067250.D

Acq: 13 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBL01

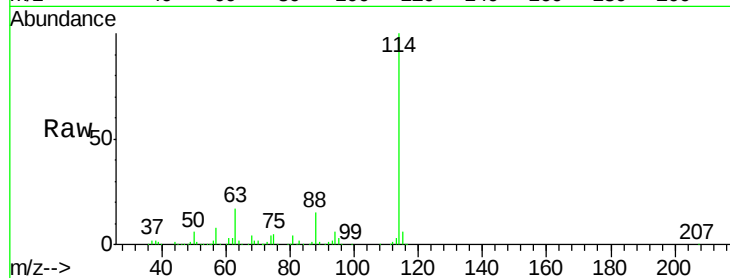
Tot Ion:114 Resp: 603610

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

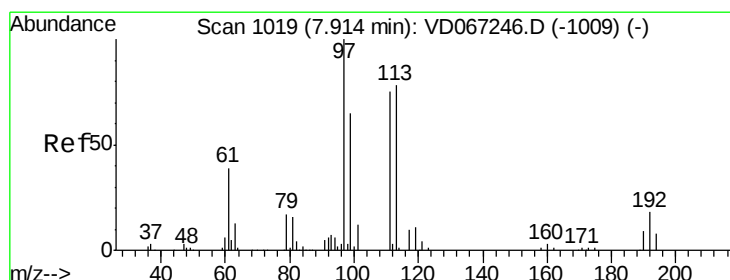
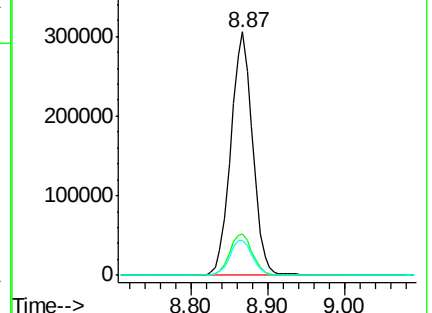
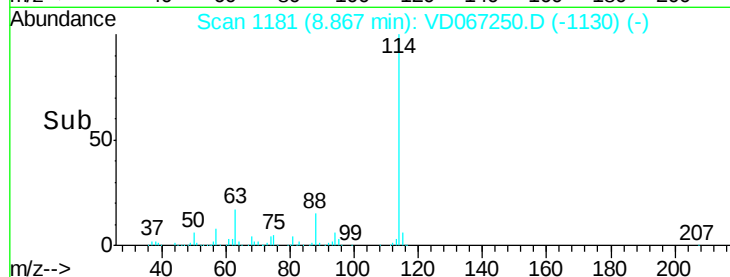
88 14.5 0.0 30.6



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: 48.197 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067250.D

Acq: 13 Oct 2020 14:13

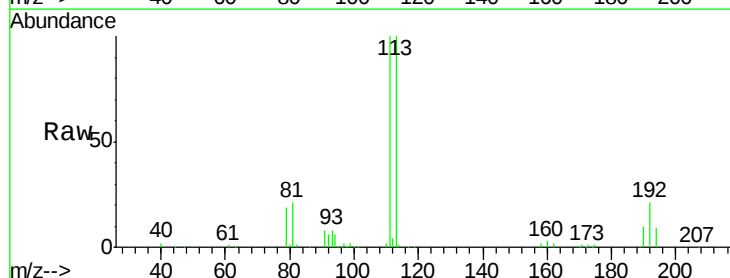
Tgt Ion:113 Resp: 193609

Ion Ratio Lower Upper

113 100

111 105.2 81.6 122.4

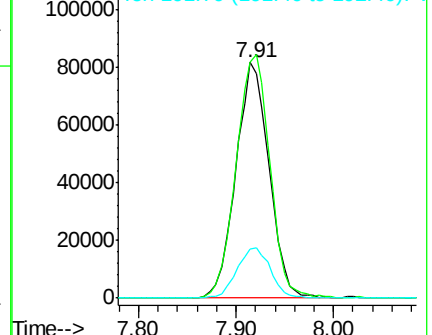
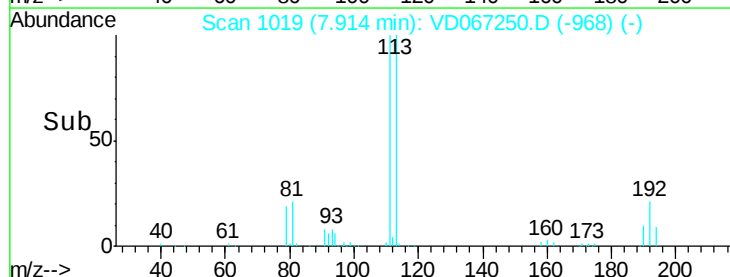
192 21.5 17.0 25.4

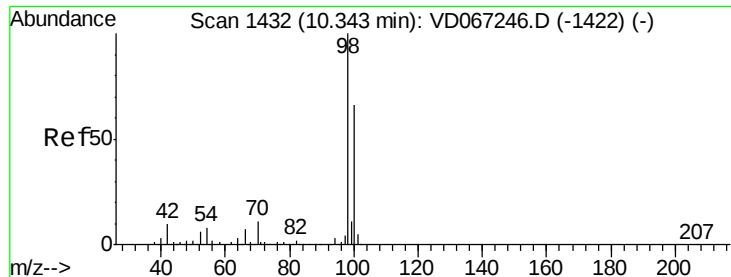


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.694 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067250.D

Acq: 13 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

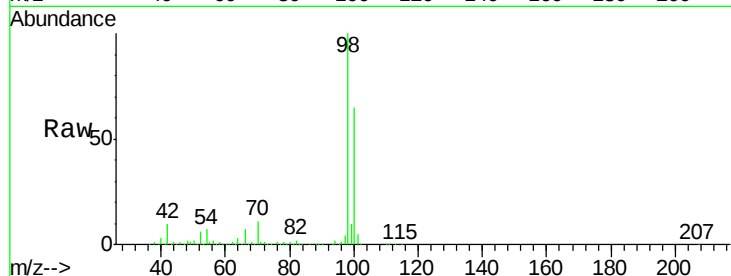
VD1013SBL01

Tot Ion: 98 Resp: 707885

Ion Ratio Lower Upper

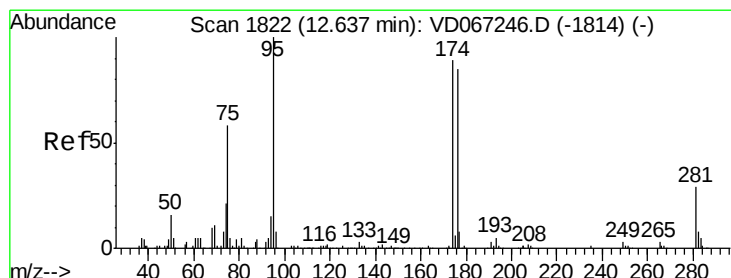
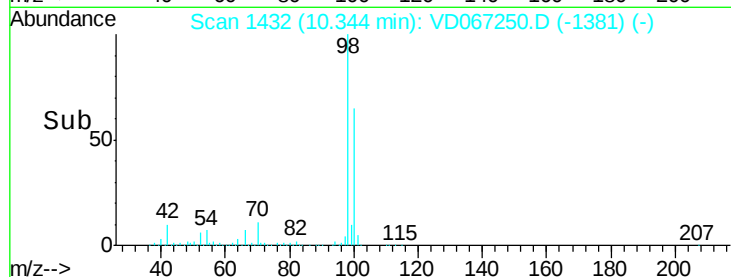
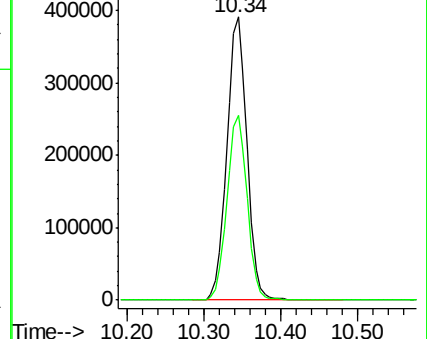
98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.410 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067250.D

Acq: 13 Oct 2020 14:13

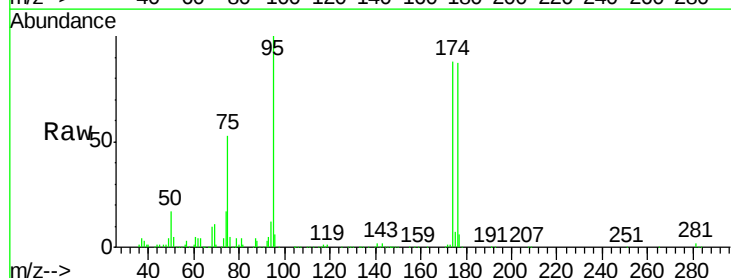
Tgt Ion: 95 Resp: 244708

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.2

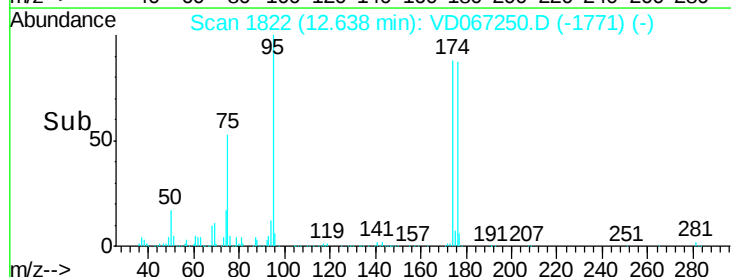
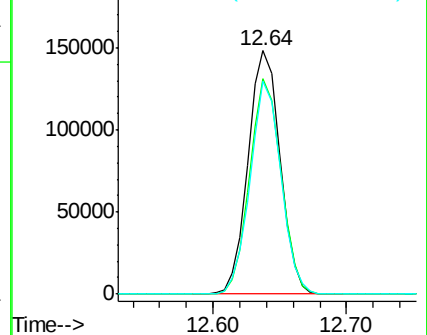
176 84.1 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

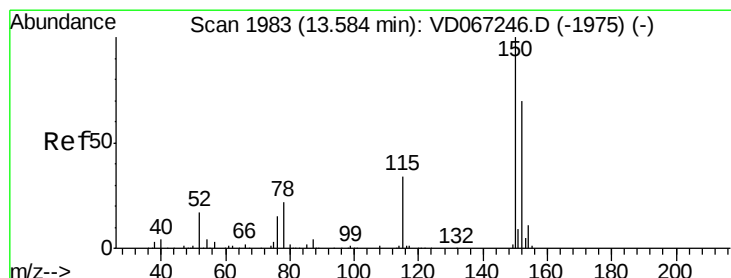
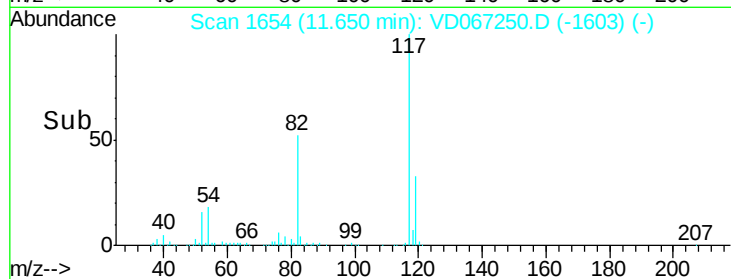
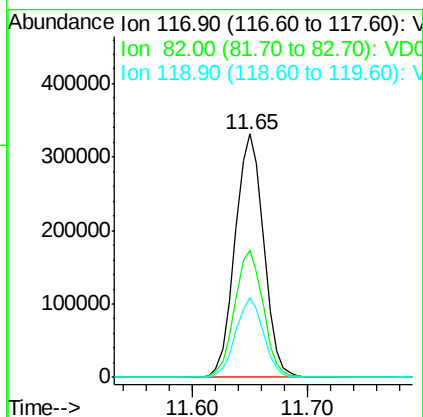
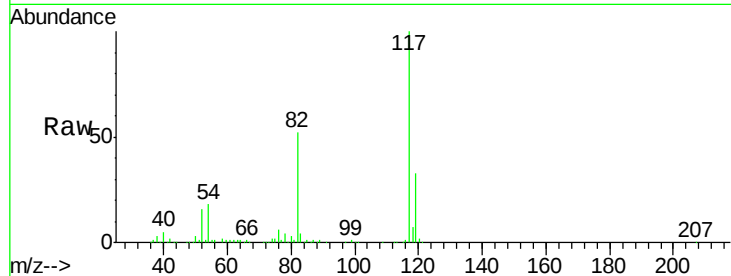




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tot Ion:117 Resp: 568629
Ion Ratio Lower Upper
117 100
82 52.2 39.9 59.9
119 33.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion:152 Resp: 273185
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.9
150 158.5 0.0 339.0

