

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067744.D
 Acq On : 23 Nov 2020 14:32
 Operator : VA/SY
 Sample : VD1123SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBL01

Quant Time: Nov 24 01:03:54 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	277529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	423925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	144205	53.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	106.88%		
35) Dibromofluoromethane	7.92	113	132702	49.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.38%		
50) Toluene-d8	10.34	98	482813	48.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.90%		
62) 4-Bromofluorobenzene	12.64	95	161740	47.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.94%		

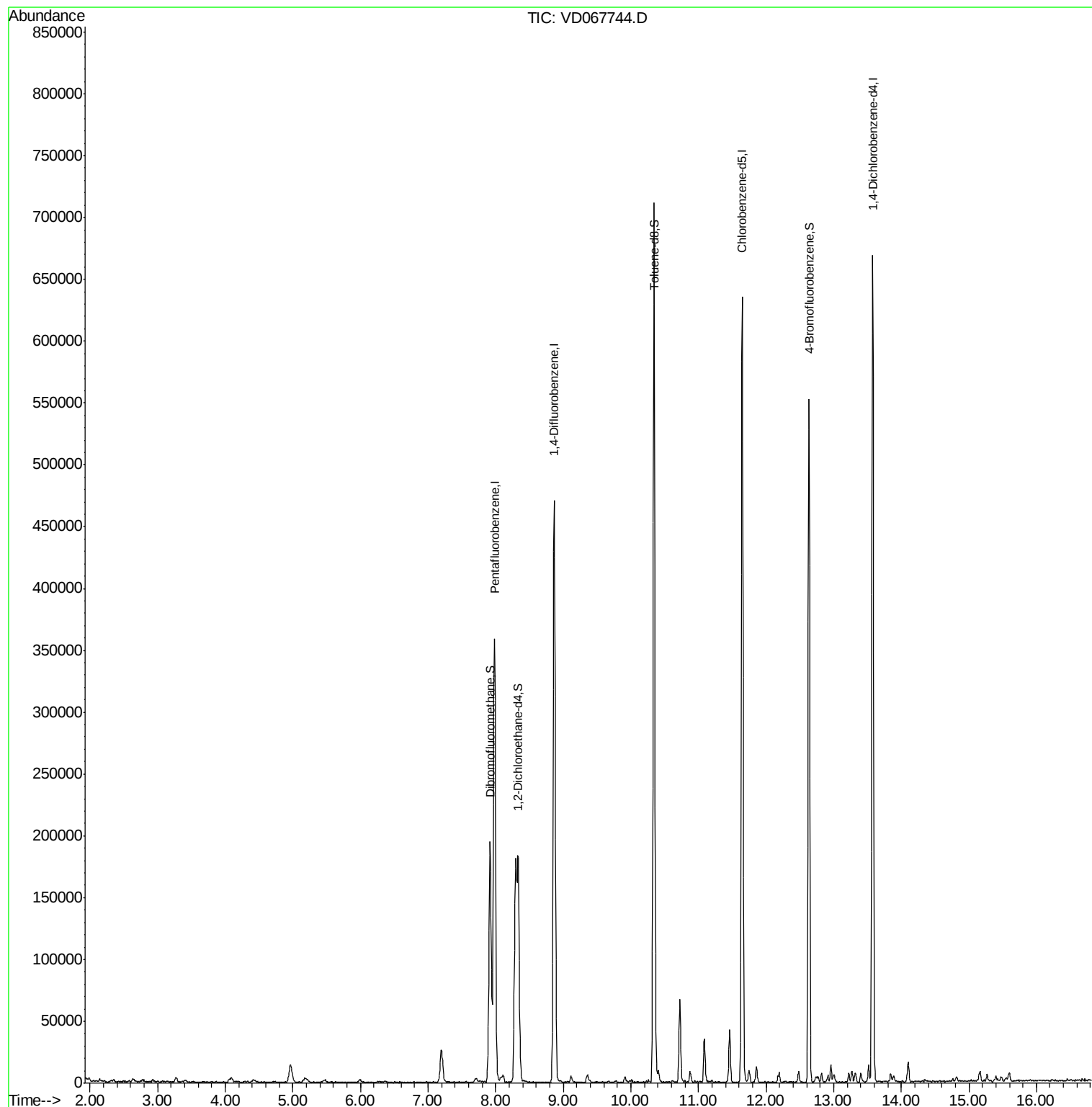
Target Compounds	Qvalue
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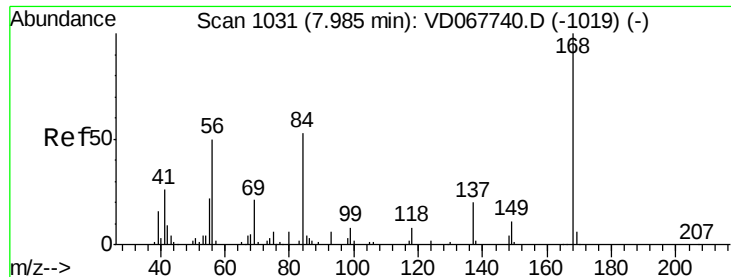
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067744.D

Acq: 23 Nov 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

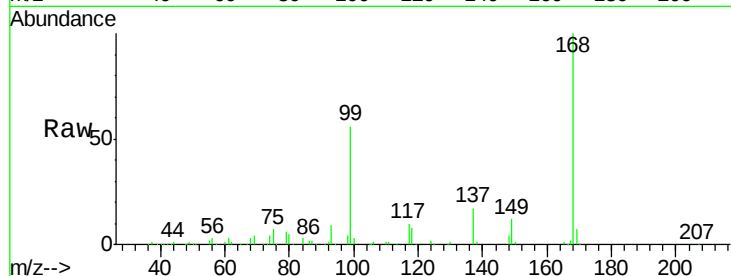
VD1123SBL01

Tot Ion:168 Resp: 277529

Ion Ratio Lower Upper

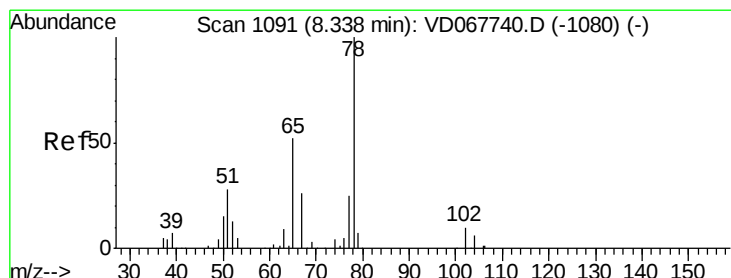
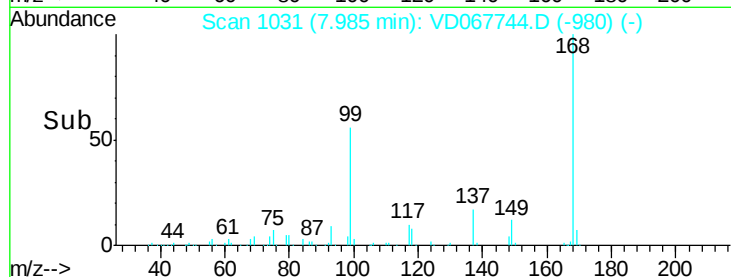
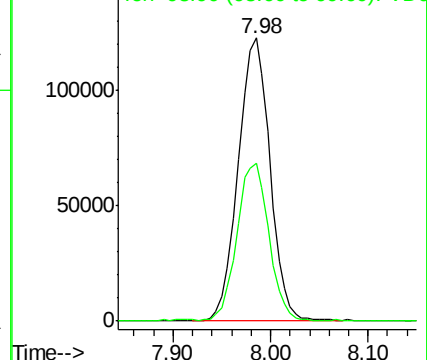
168 100

99 55.8 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: 53.440 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067744.D

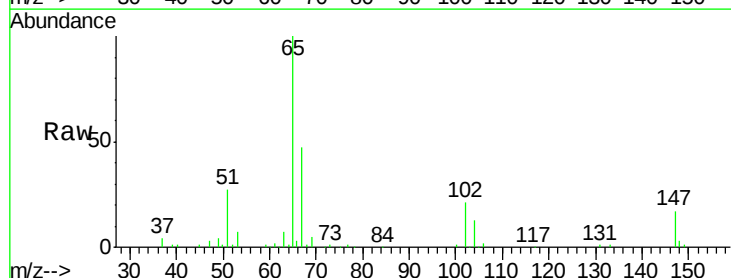
Acq: 23 Nov 2020 14:32

Tgt Ion: 65 Resp: 144205

Ion Ratio Lower Upper

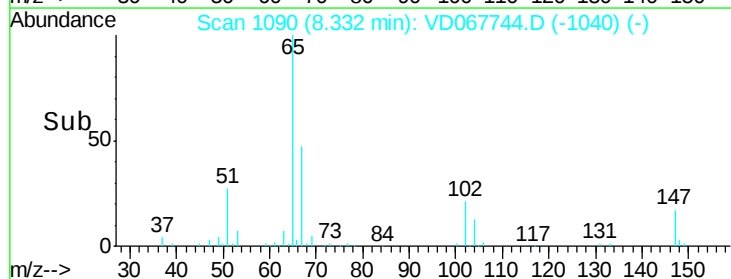
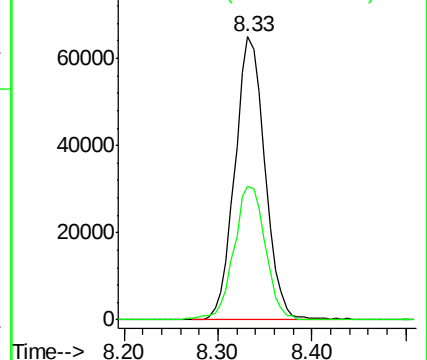
65 100

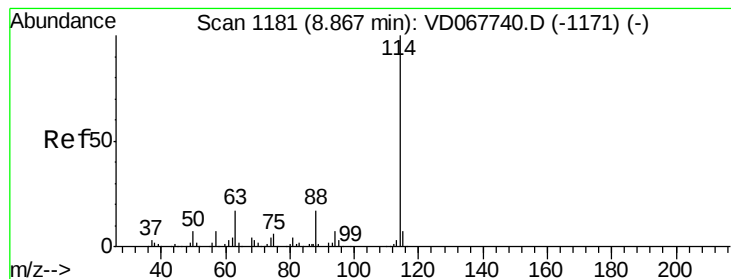
67 49.6 0.0 101.0



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: VD067744.D

Acq: 23 Nov 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBL01

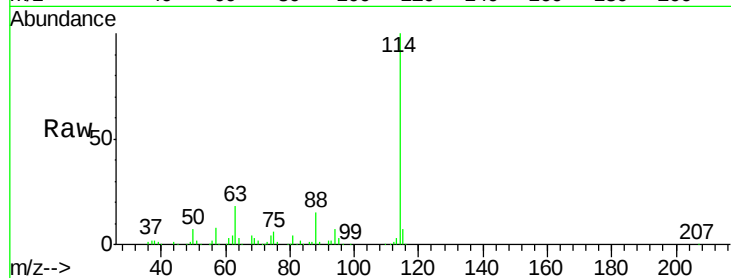
Tot Ion:114 Resp: 423925

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

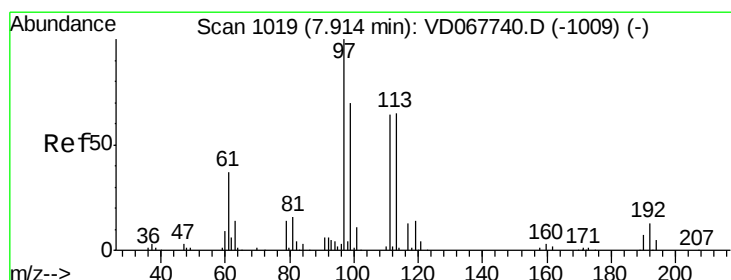
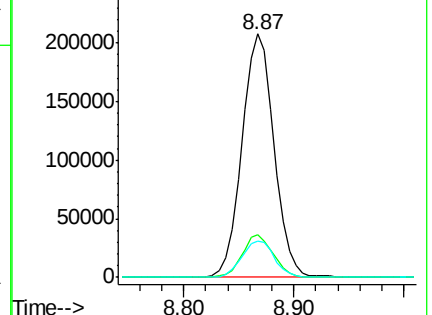
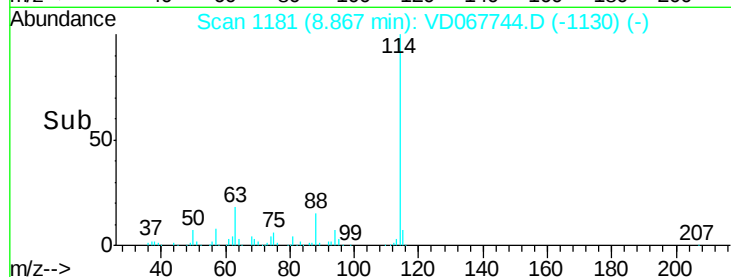
88 14.9 0.0 34.4



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: 49.188 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067744.D

Acq: 23 Nov 2020 14:32

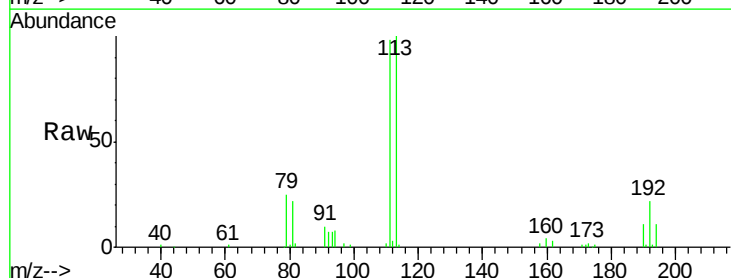
Tgt Ion:113 Resp: 132702

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

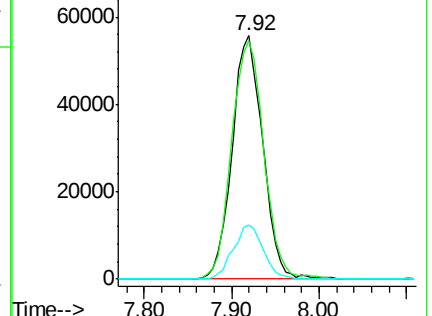
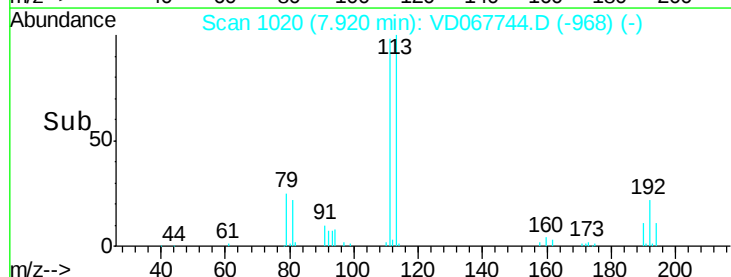
192 21.7 17.0 25.4

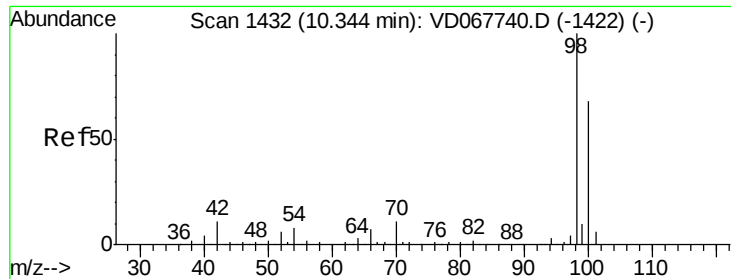


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

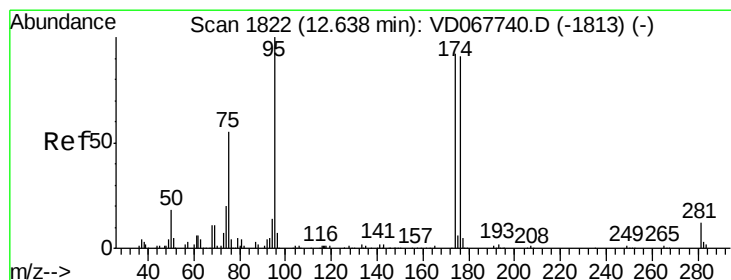
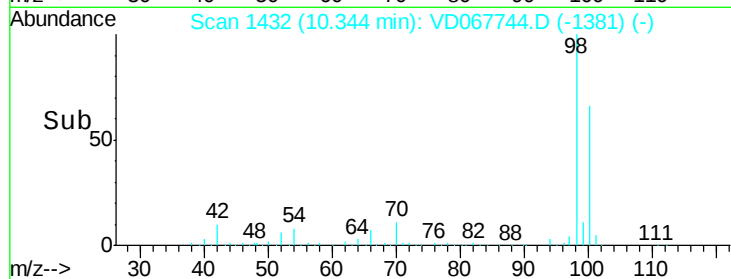
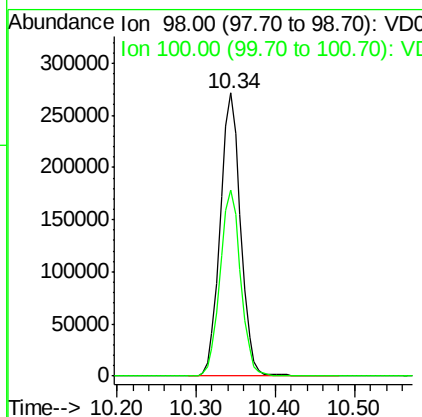
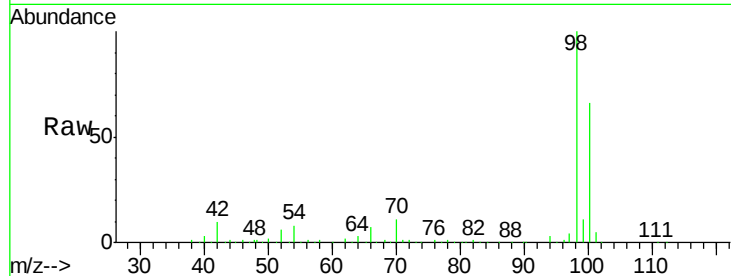




#50
Toluene-d8
Concen: 48.949 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067744.D
Acq: 23 Nov 2020 14:32

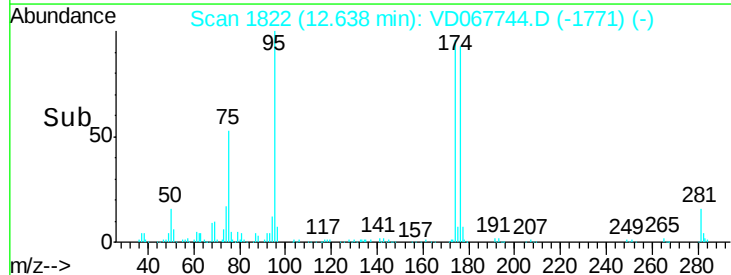
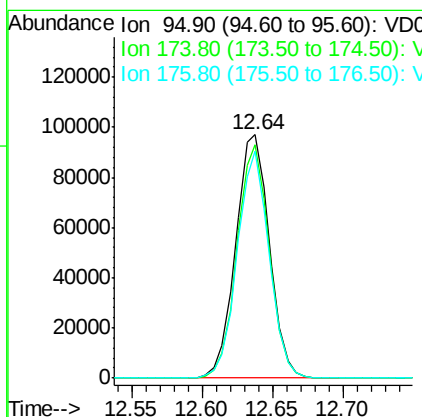
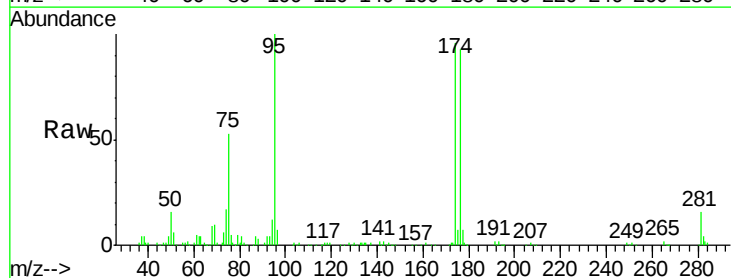
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBL01

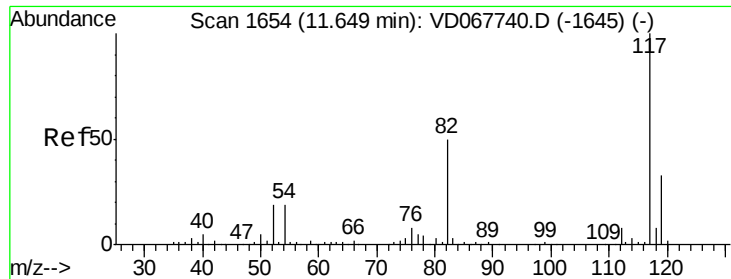
Tot Ion: 98 Resp: 482813
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.974 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067744.D
Acq: 23 Nov 2020 14:32

Tgt Ion: 95 Resp: 161740
Ion Ratio Lower Upper
95 100
174 91.6 0.0 182.4
176 87.8 0.0 178.2

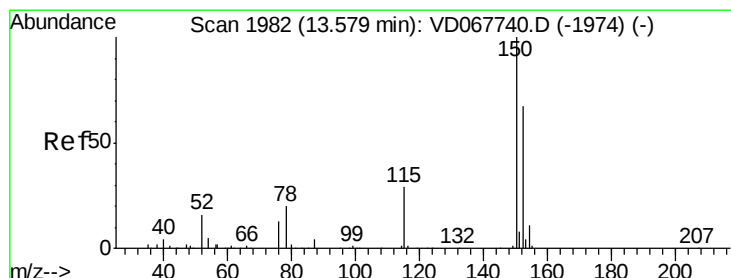
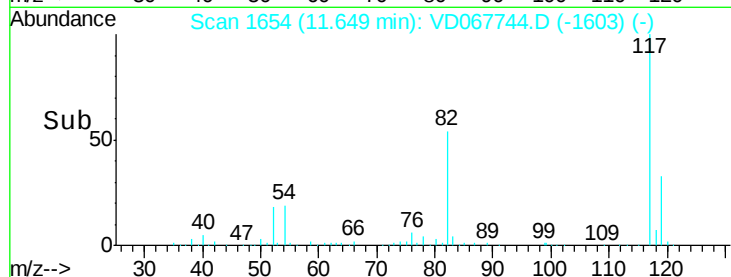
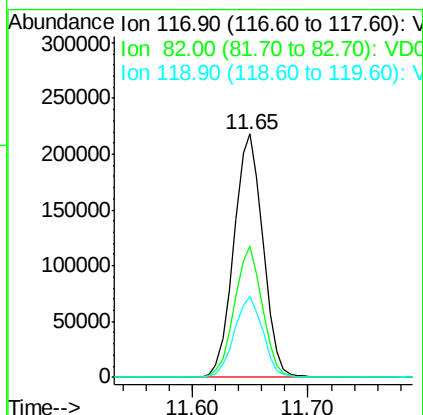
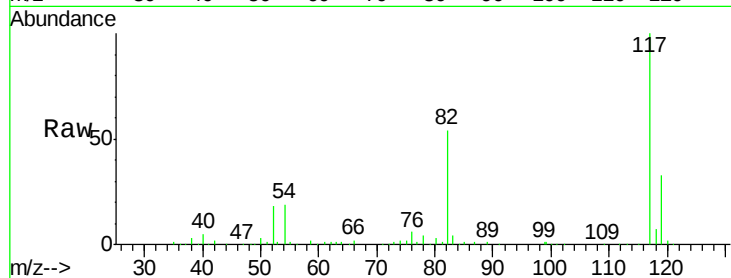




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067744.D
Acq: 23 Nov 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBL01

Tot Ion:117 Resp: 380105
Ion Ratio Lower Upper
117 100
82 53.7 40.2 60.4
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067744.D
Acq: 23 Nov 2020 14:32

Tgt Ion:152 Resp: 186414
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.3 0.0 340.6

