

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067911.D
 Acq On : 08 Dec 2020 13:14
 Operator : VA/SY
 Sample : L4965-11
 Misc : 5.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT014

Quant Time: Dec 09 04:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	244553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	336305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	294723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	141657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	109068	41.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.08%
35) Dibromofluoromethane	7.92	113	97829	43.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.94%
50) Toluene-d8	10.34	98	379331	46.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.66%
62) 4-Bromofluorobenzene	12.64	95	124121	44.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.64%

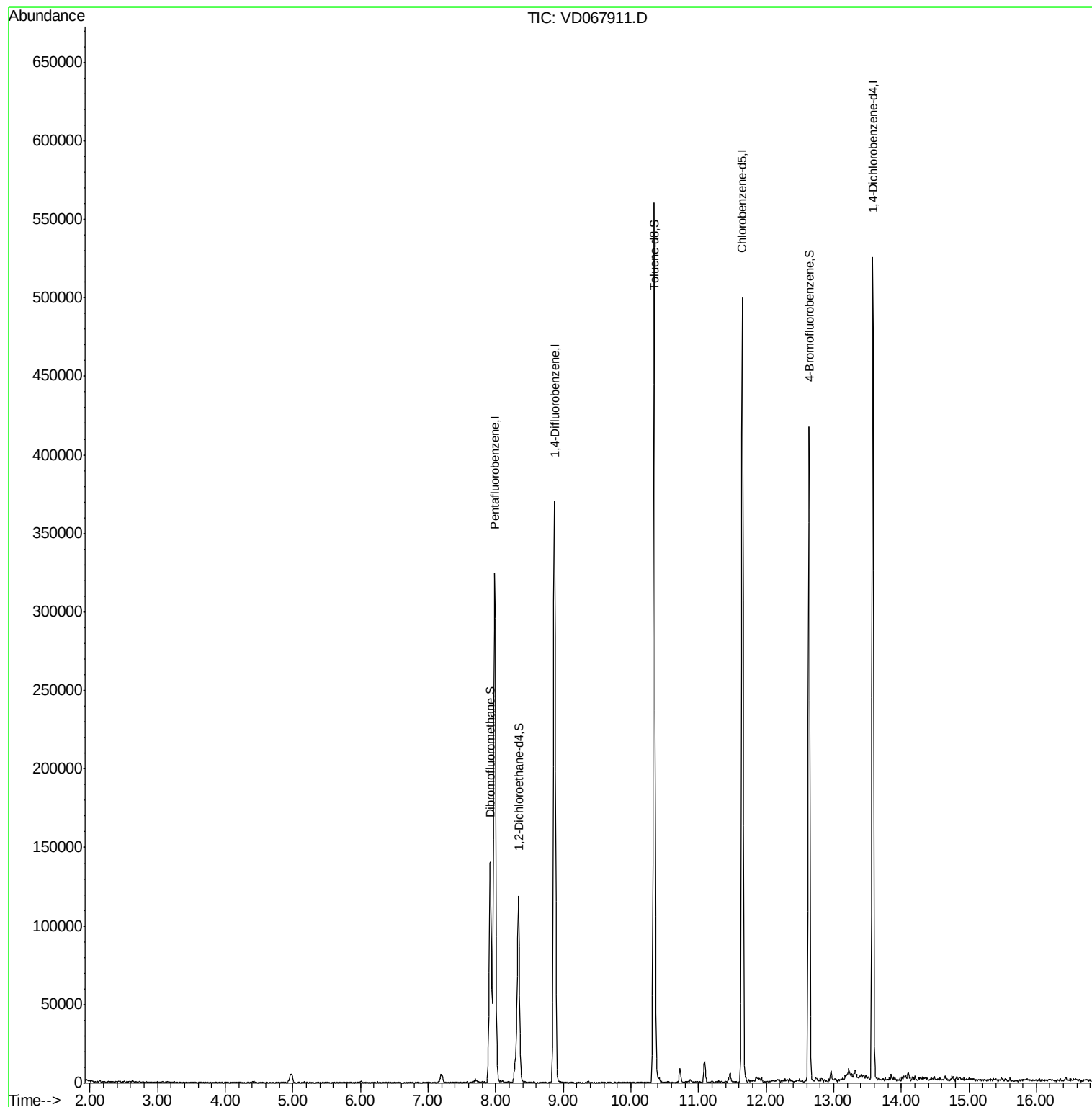
Target Compounds	Qvalue
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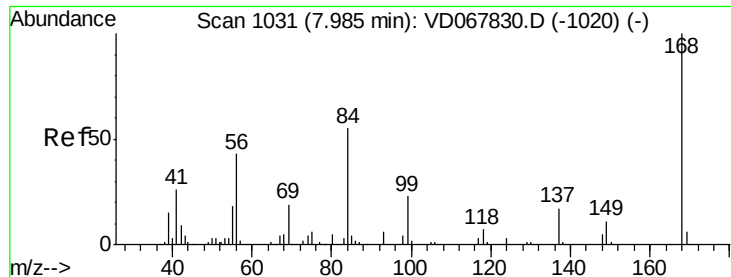
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067911.D

Acq: 08 Dec 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

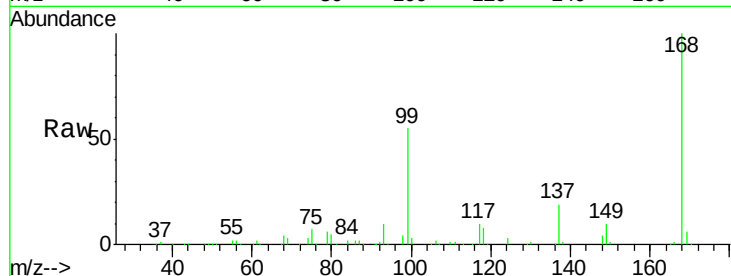
CRT014

Tot Ion:168 Resp: 244553

Ion Ratio Lower Upper

168 100

99 54.8 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

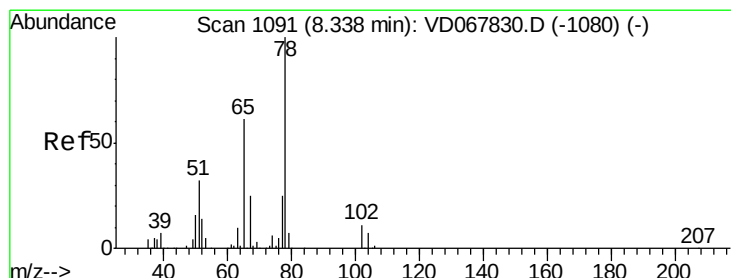
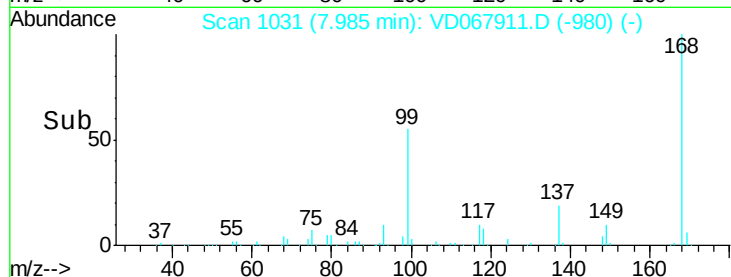
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 41.544 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067911.D

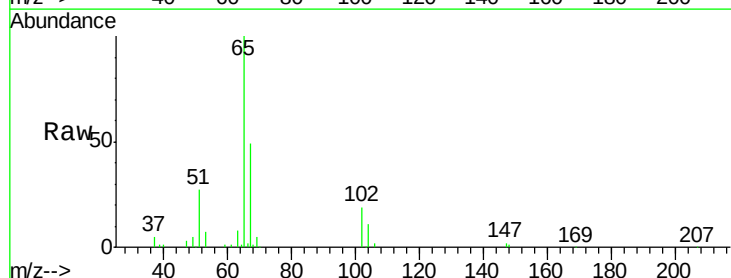
Acq: 08 Dec 2020 13:14

Tgt Ion: 65 Resp: 109068

Ion Ratio Lower Upper

65 100

67 46.2 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

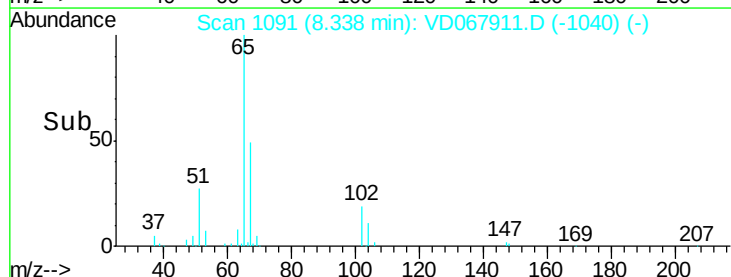
20000

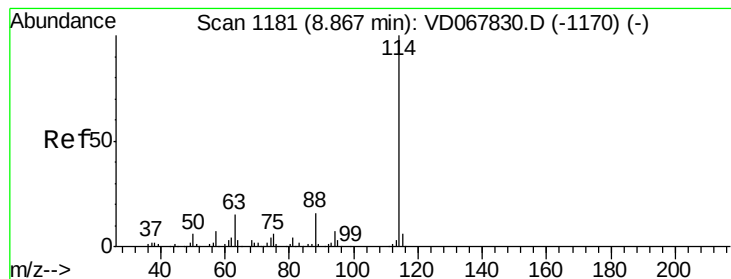
10000

0

Time-->

8.25 8.30 8.35 8.40 8.45





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067911.D

Acq: 08 Dec 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

CRT014

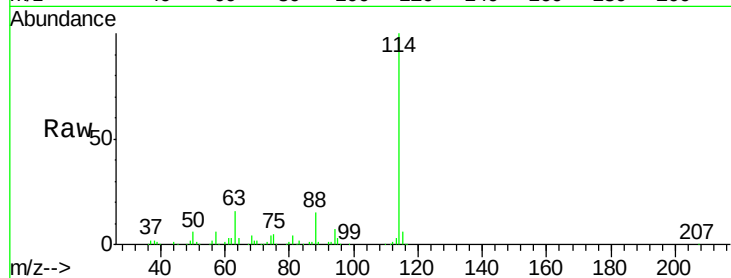
Tot Ion:114 Resp: 336305

Ion Ratio Lower Upper

114 100

63 16.5 0.0 30.8

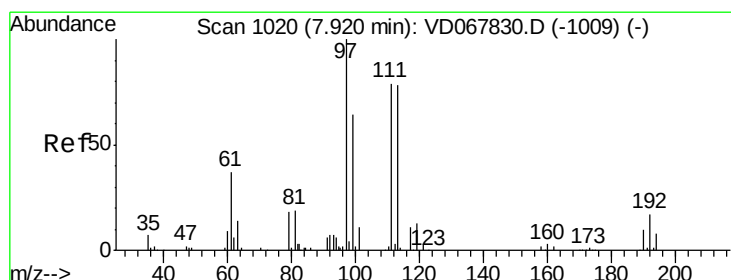
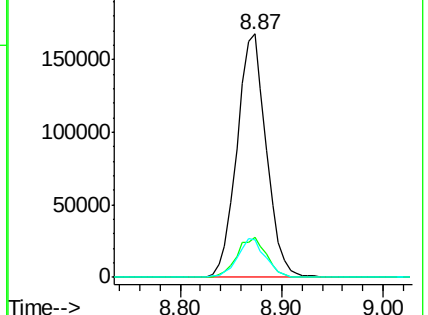
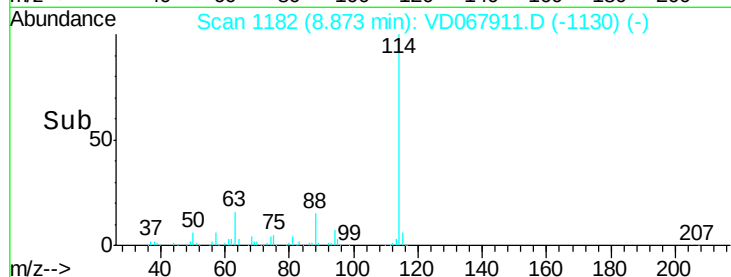
88 15.3 0.0 31.8



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: 43.472 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067911.D

Acq: 08 Dec 2020 13:14

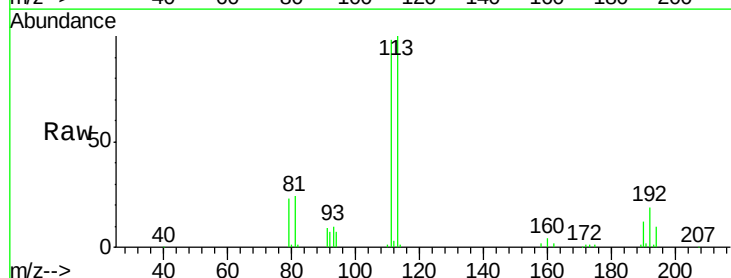
Tgt Ion:113 Resp: 97829

Ion Ratio Lower Upper

113 100

111 101.0 81.2 121.8

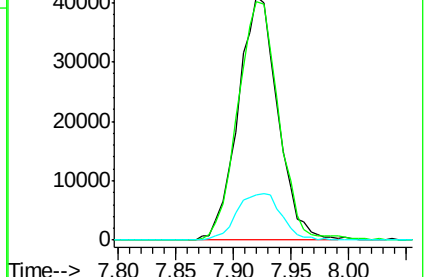
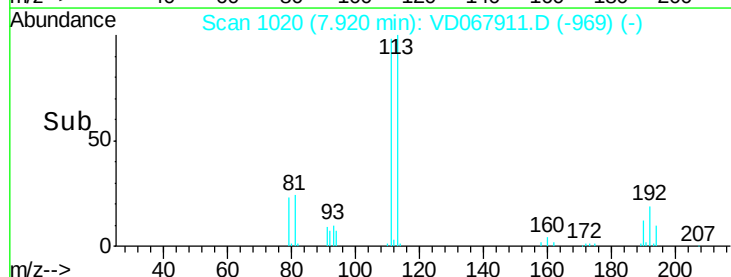
192 21.4 16.8 25.2

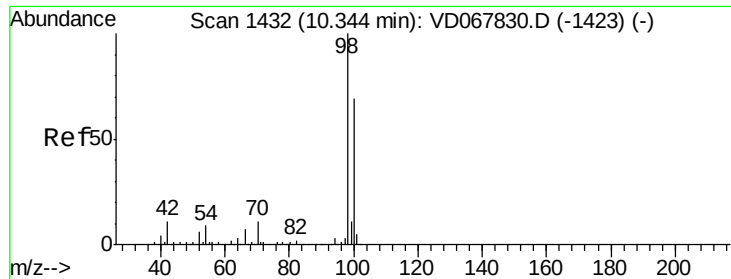


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

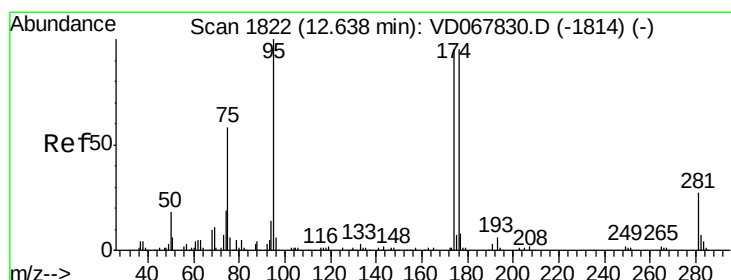
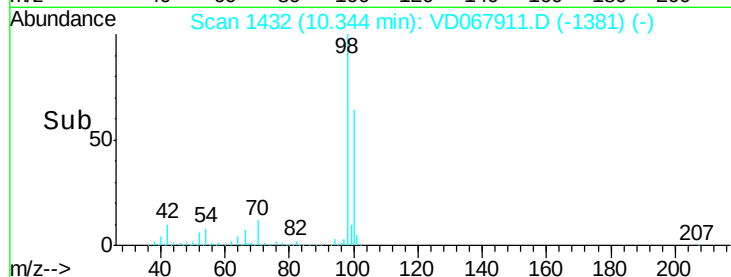
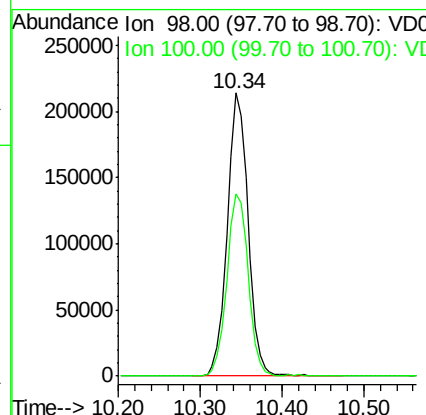
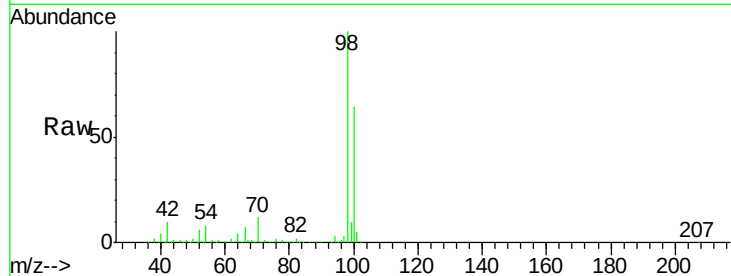




#50
Toluene-d8
Concen: 46.826 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067911.D
Acq: 08 Dec 2020 13:14

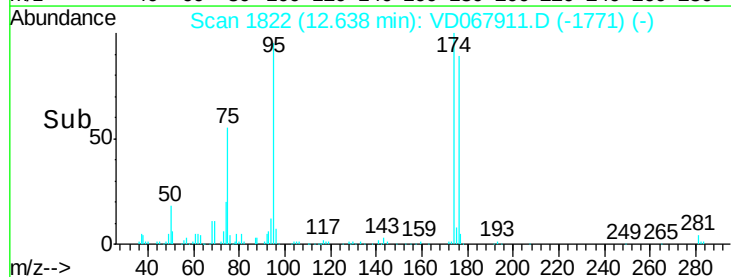
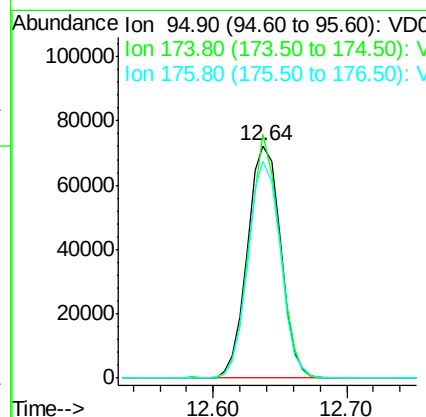
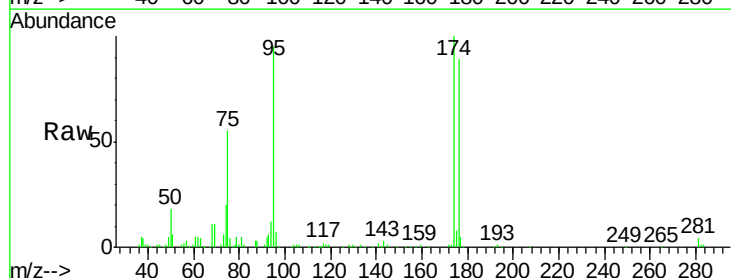
Instrument :
MSVOA_D
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CRT014

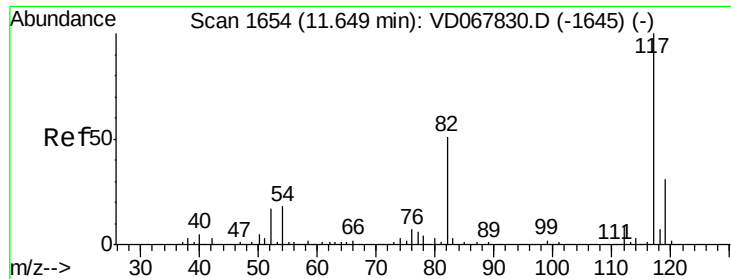
Tot Ion: 98 Resp: 379331
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.318 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067911.D
Acq: 08 Dec 2020 13:14

Tgt Ion: 95 Resp: 124121
Ion Ratio Lower Upper
95 100
174 96.0 0.0 186.0
176 90.7 0.0 184.2

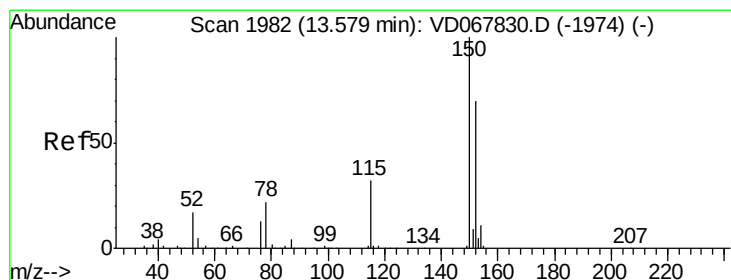
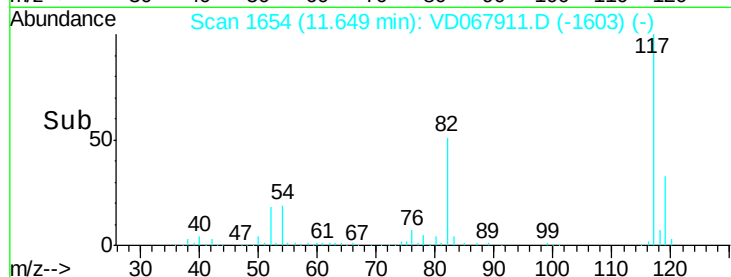
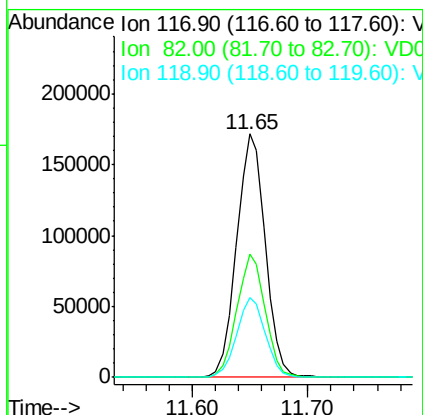
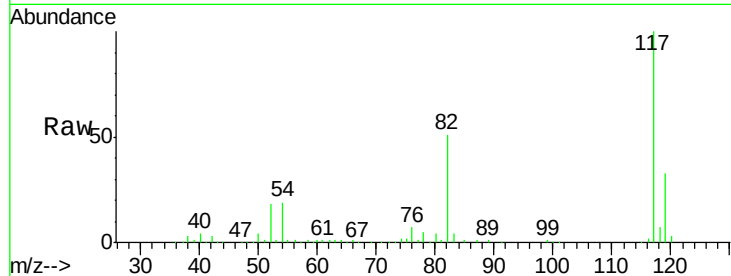




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067911.D
Acq: 08 Dec 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
CRT014

Tot Ion:117 Resp: 294723
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067911.D
Acq: 08 Dec 2020 13:14

Tgt Ion:152 Resp: 141657
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.4
150 158.0 0.0 339.0

