

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067578.D
 Acq On : 10 Nov 2020 13:16
 Operator : VA/SY
 Sample : L4594-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-110920

Quant Time: Nov 11 00:34:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	105665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	168127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	186931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	74206	80.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.64%	
35) Dibromofluoromethane	7.92	113	63183	62.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.74%	
50) Toluene-d8	10.34	98	204476	57.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.88%	
62) 4-Bromofluorobenzene	12.64	95	80632	65.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.22%	

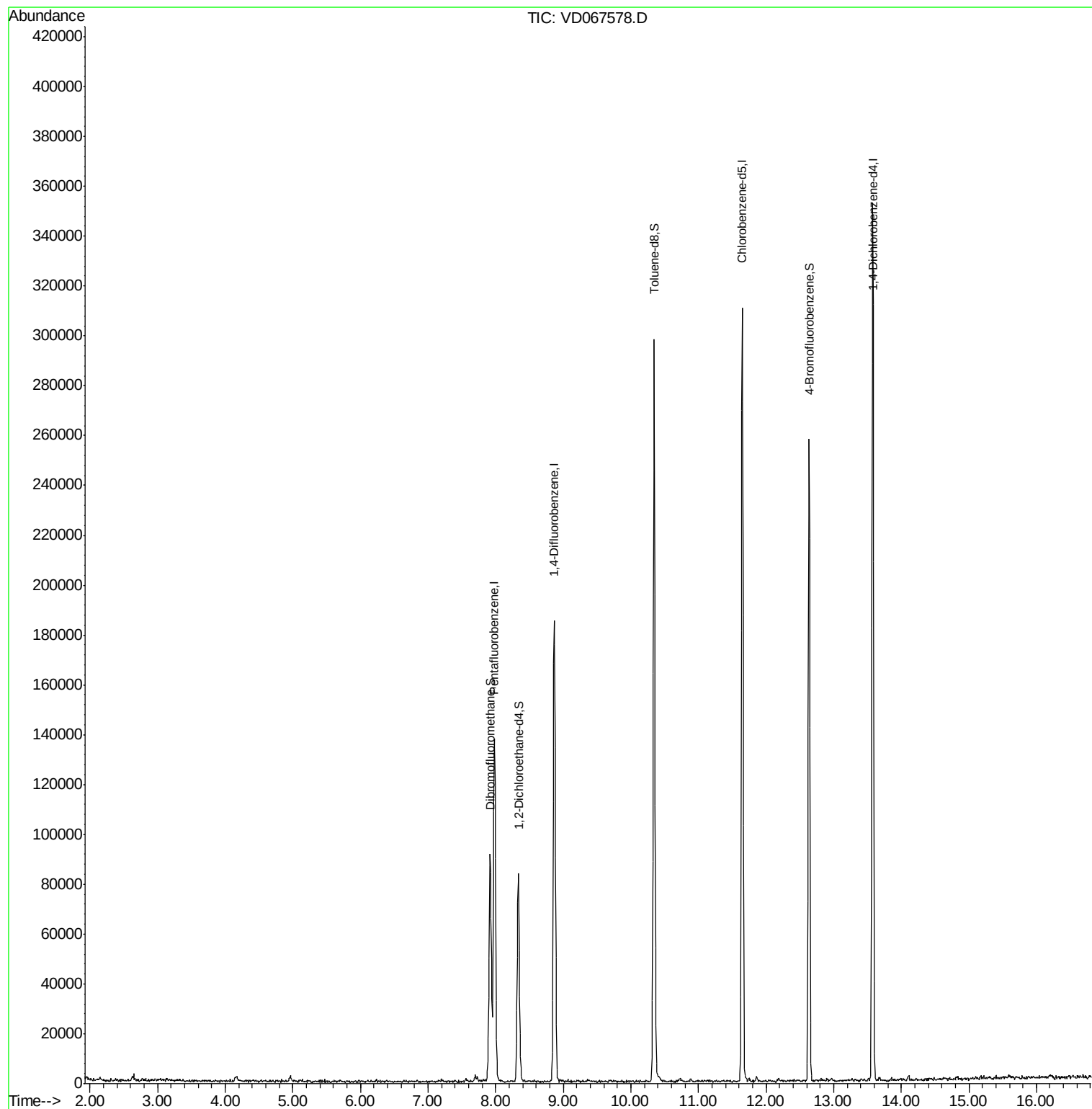
Target Compounds	Qvalue
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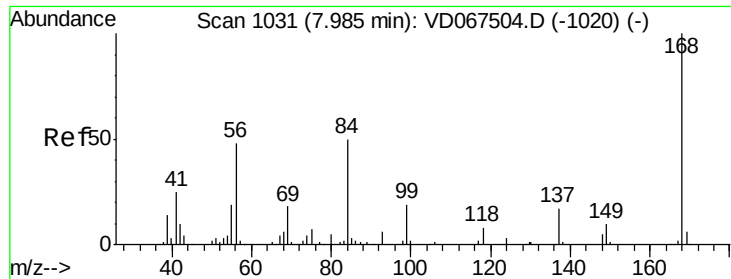
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

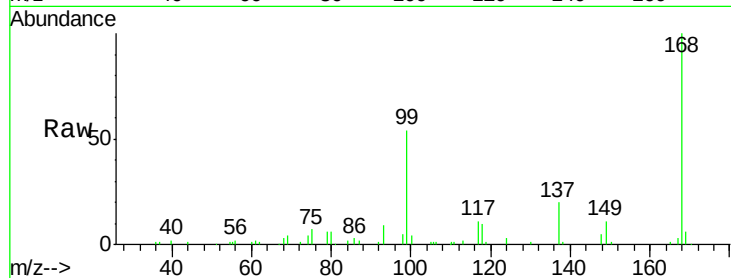
OR-03-110920

Tot Ion:168 Resp: 105665

Ion Ratio Lower Upper

168 100

99 53.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

50000

40000

30000

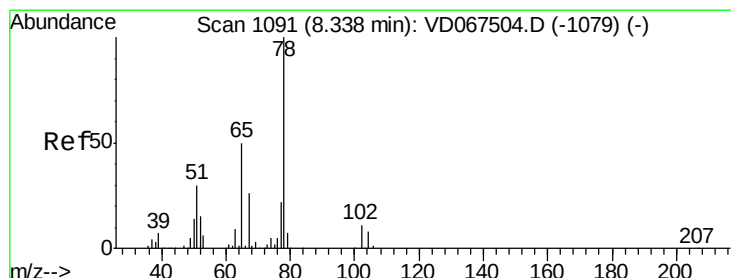
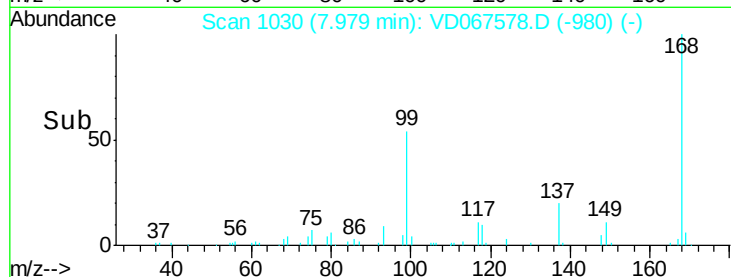
20000

10000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 80.316 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067578.D

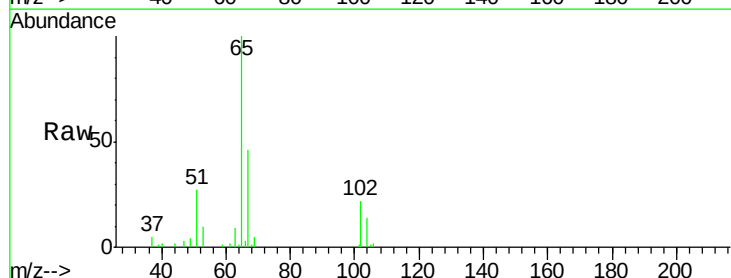
Acq: 10 Nov 2020 13:16

Tgt Ion: 65 Resp: 74206

Ion Ratio Lower Upper

65 100

67 47.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

30000

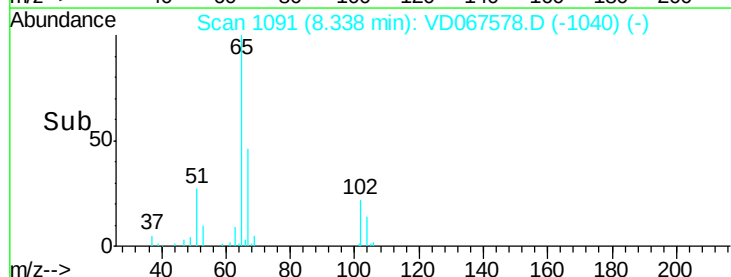
20000

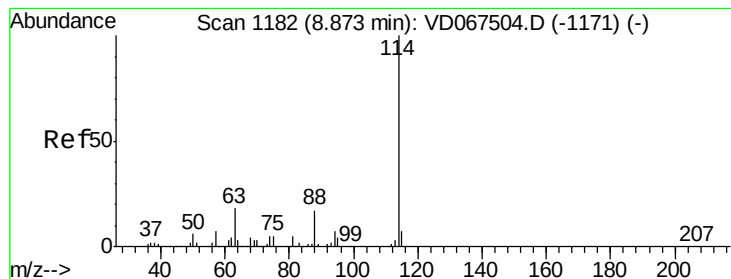
10000

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# 1181

Delta R.T. -0.01 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

OR-03-110920

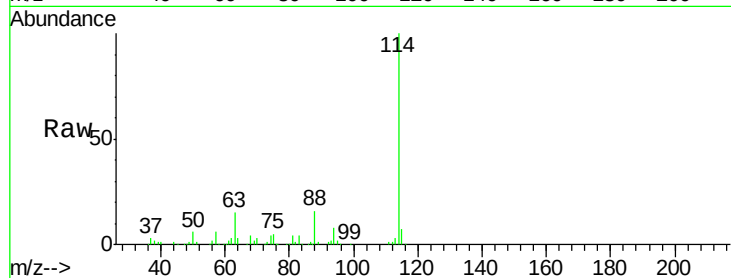
Tot Ion:114 Resp: 168127

Ion Ratio Lower Upper

114 100

63 15.0 0.0 35.0

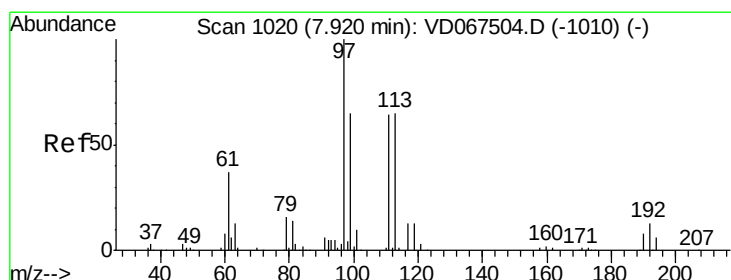
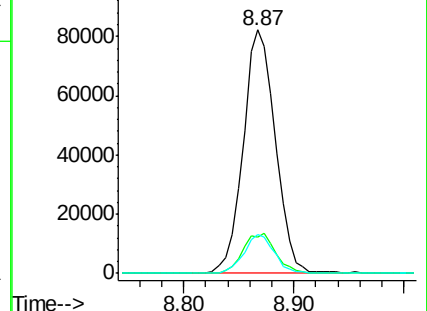
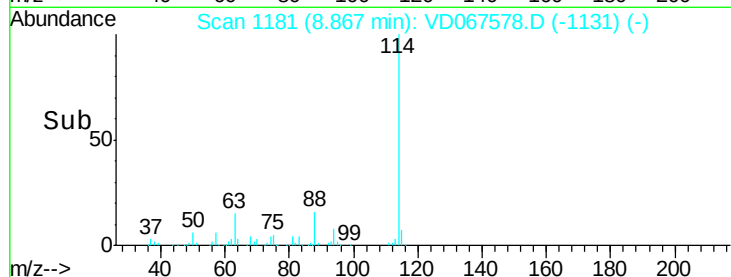
88 16.2 0.0 33.0



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: 62.375 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

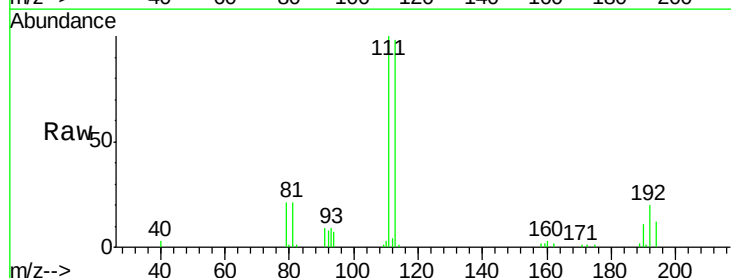
Tgt Ion:113 Resp: 63183

Ion Ratio Lower Upper

113 100

111 106.4 80.0 120.0

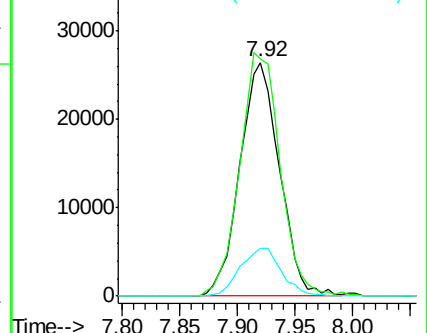
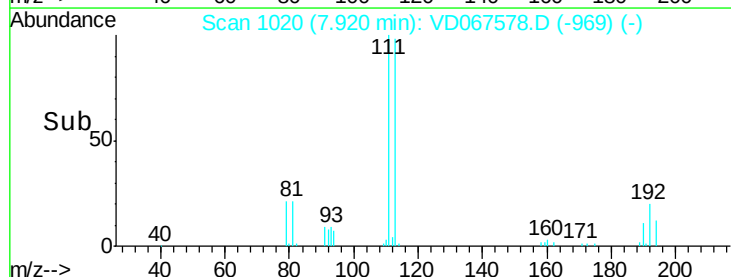
192 21.2 16.3 24.5

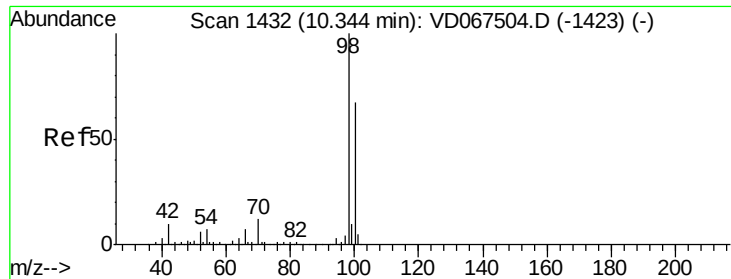


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

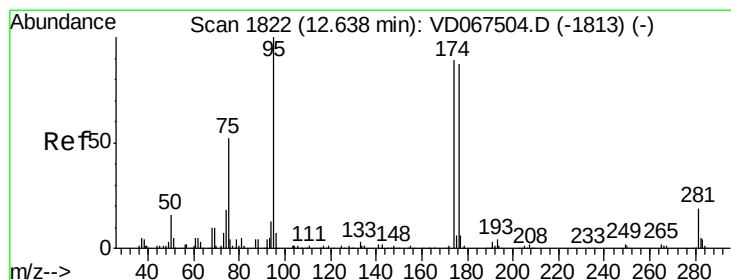
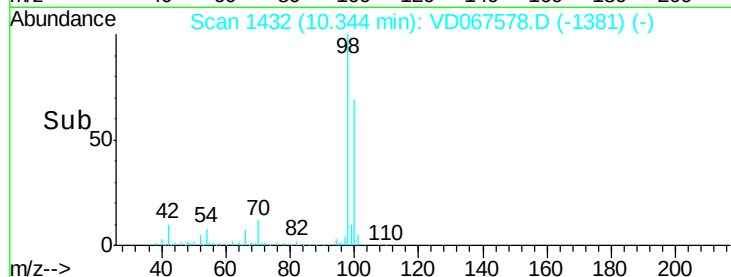
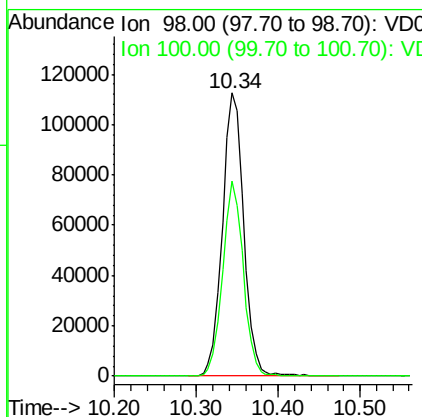
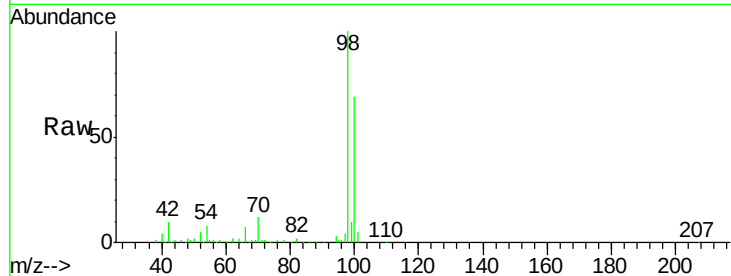




#50
Toluene-d8
Concen: 57.441 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

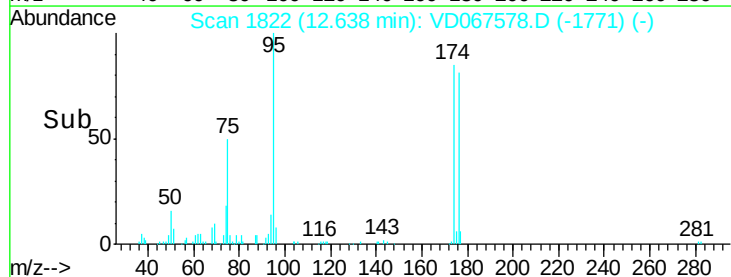
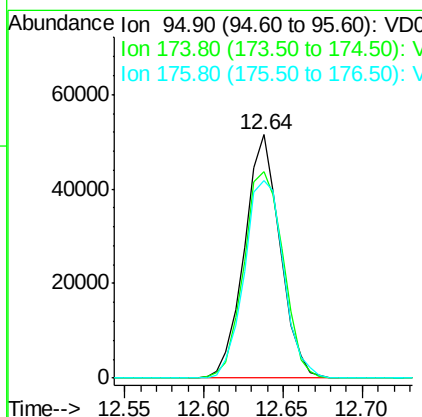
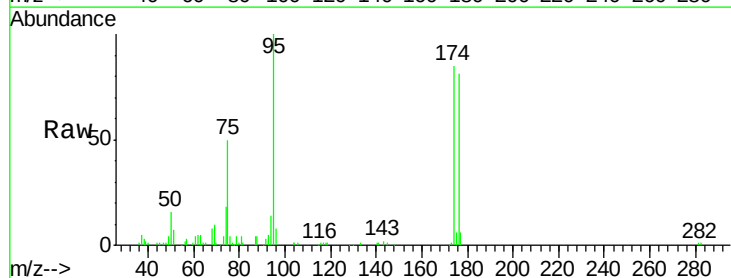
Instrument :
MSVOA_D
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OR-03-110920

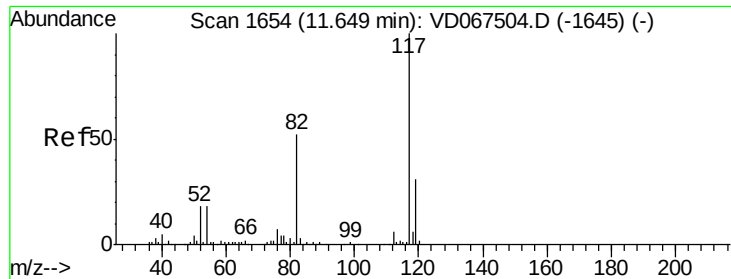
Tot Ion: 98 Resp: 204476
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.608 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 95 Resp: 80632
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.8
176 89.1 0.0 172.0

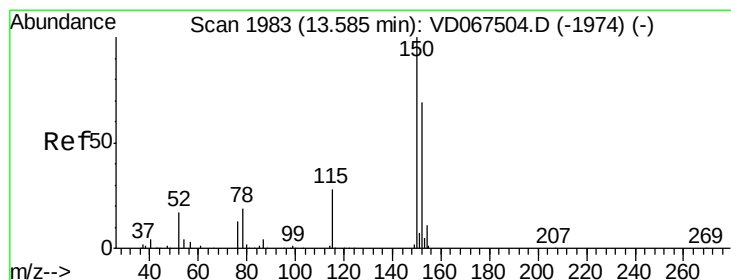
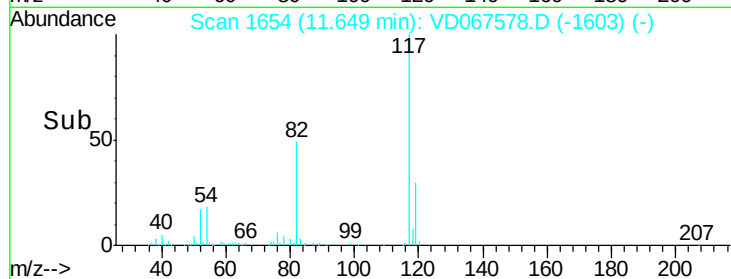
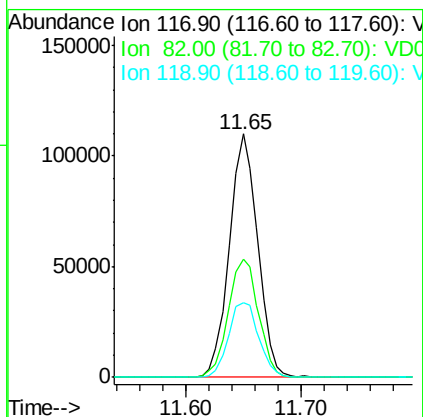
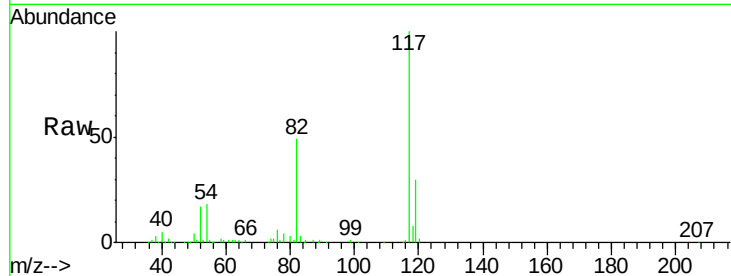




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

Tot Ion:117 Resp: 186931
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion:152 Resp: 101604
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 151.8 0.0 338.2

