

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067433.D
 Acq On : 28 Oct 2020 14:53
 Operator : VA/SY
 Sample : L4528-01
 Misc : 5.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27339

Quant Time: Oct 29 01:09:37 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	7.98	168	309115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	503743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	165400	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.92	113	165355	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.34	98	572429	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.64	95	179176	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	

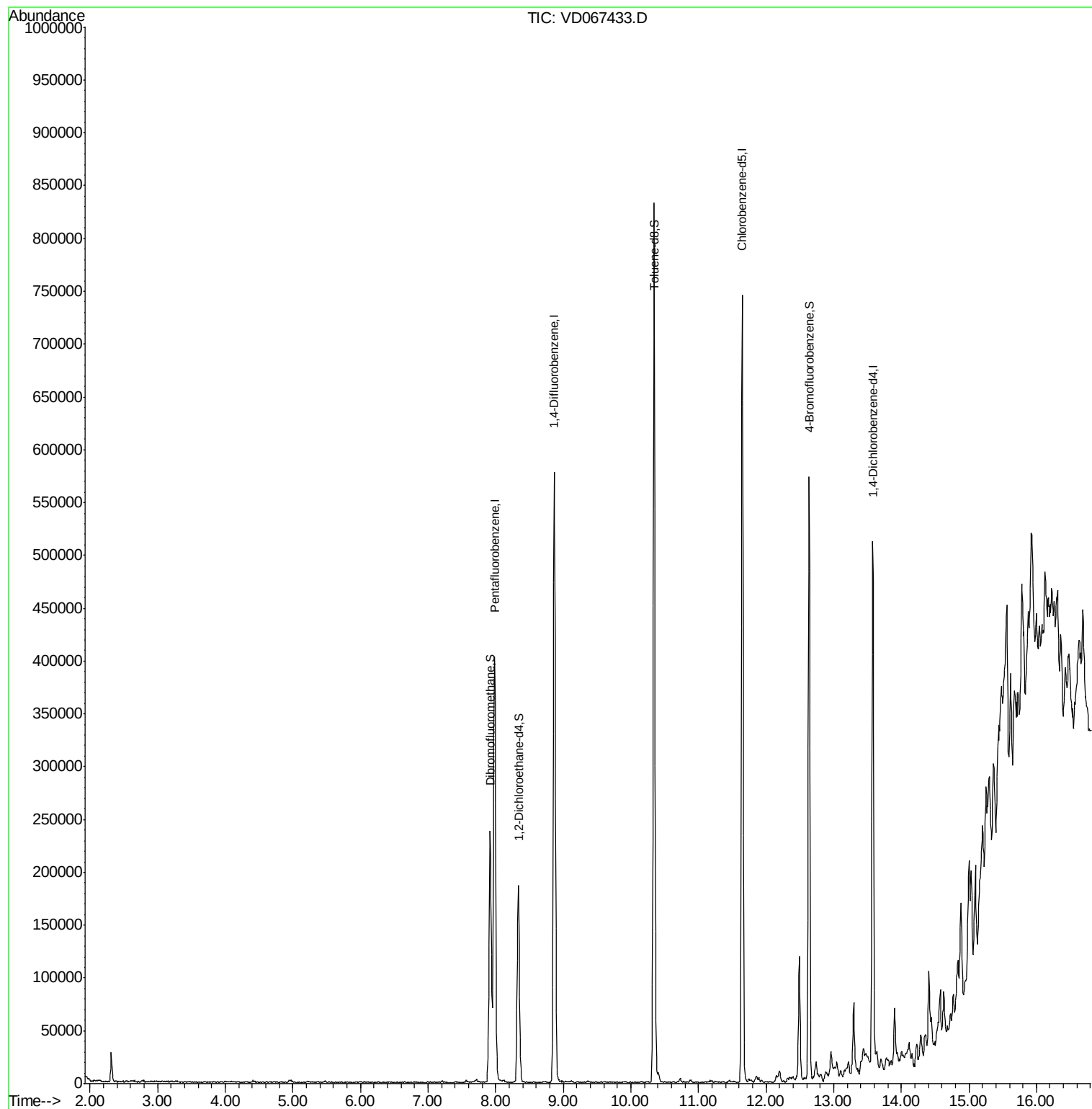
Target Compounds	Qvalue
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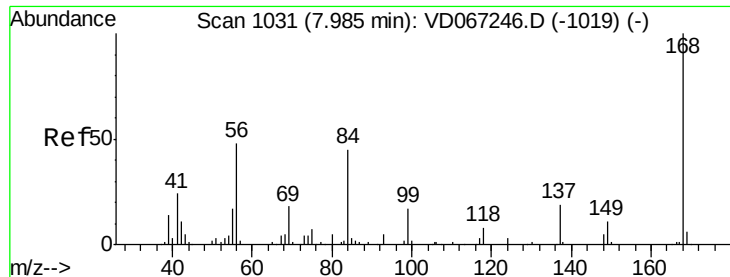
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067433.D

Acq: 28 Oct 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

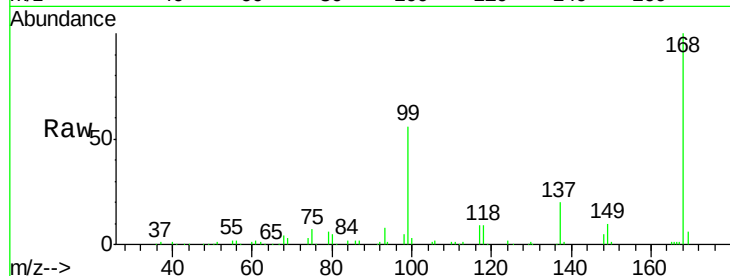
CHRT-27339

Tot Ion:168 Resp: 309115

Ion Ratio Lower Upper

168 100

99 56.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

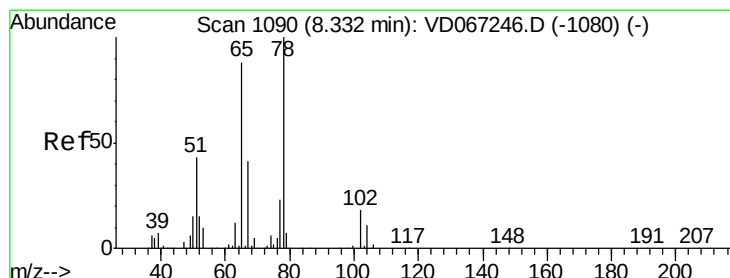
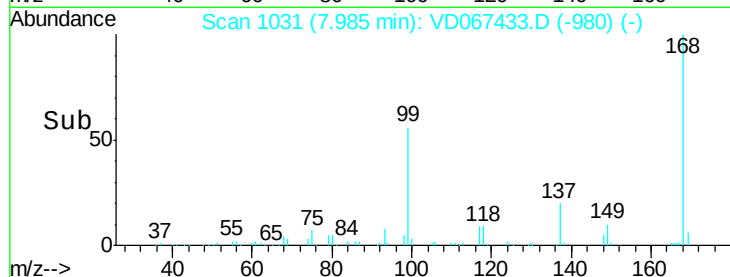
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.409 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067433.D

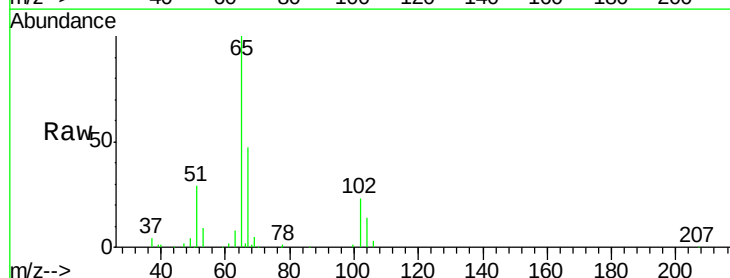
Acq: 28 Oct 2020 14:53

Tgt Ion: 65 Resp: 165400

Ion Ratio Lower Upper

65 100

67 48.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

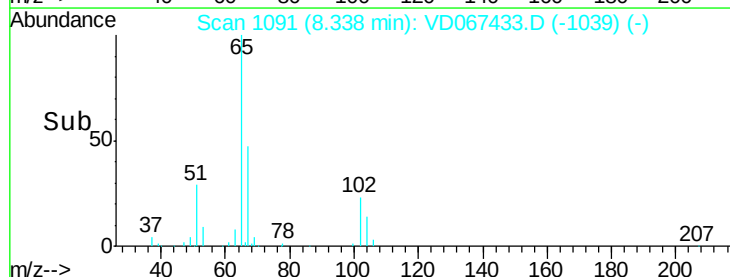
60000

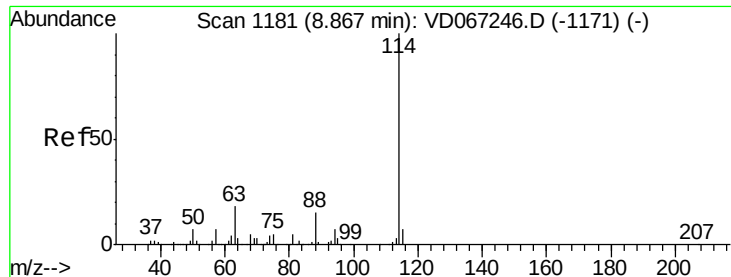
40000

20000

0

Time-->

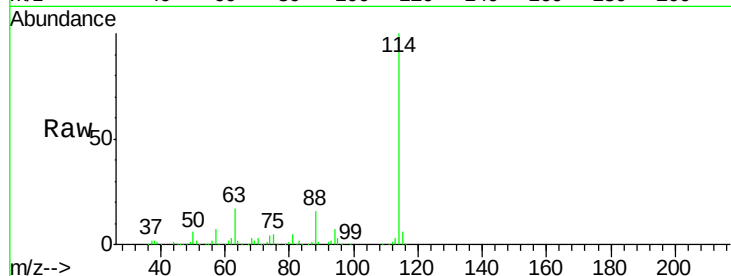




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067433.D
 Acq: 28 Oct 2020 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27339

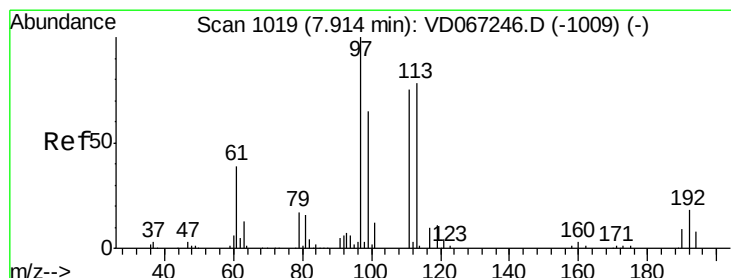
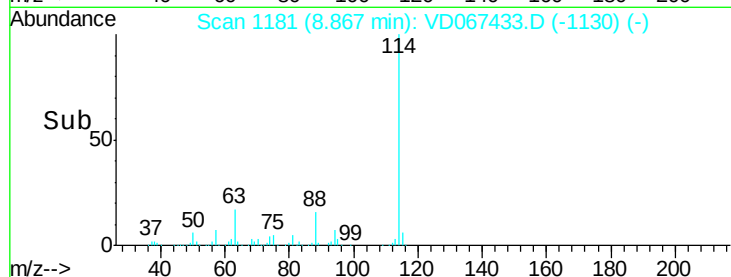
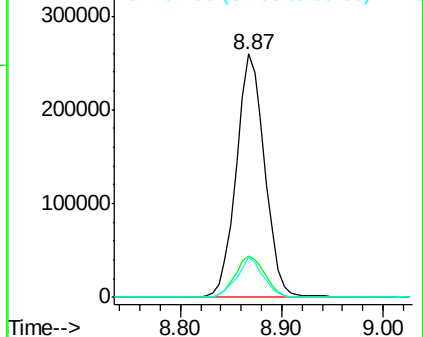
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	16.4	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V

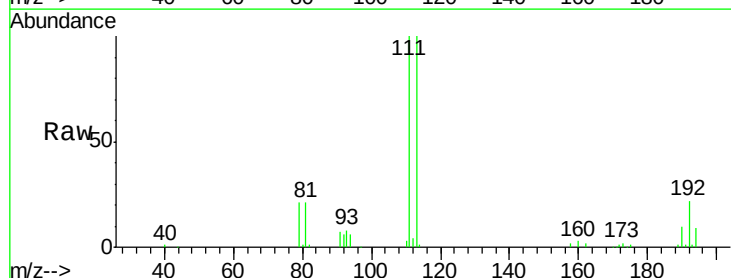
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 49.324 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067433.D
 Acq: 28 Oct 2020 14:53

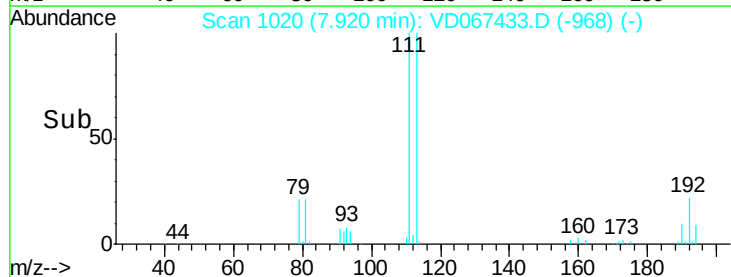
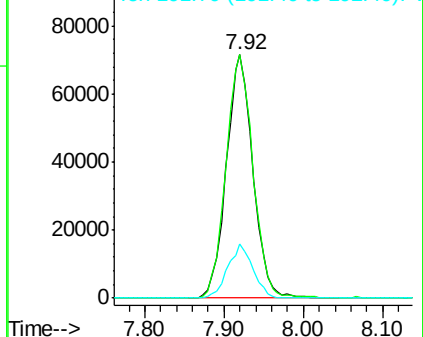
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.0	17.0	25.4

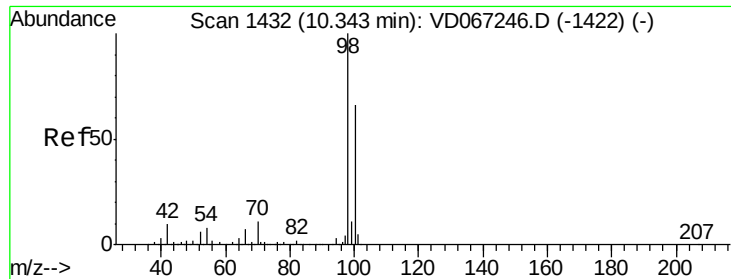


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

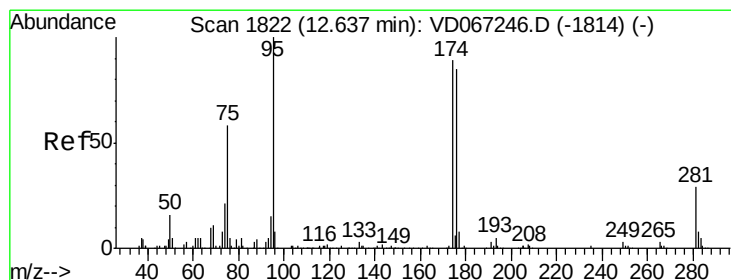
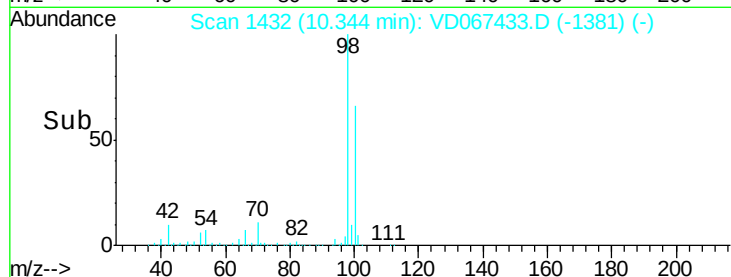
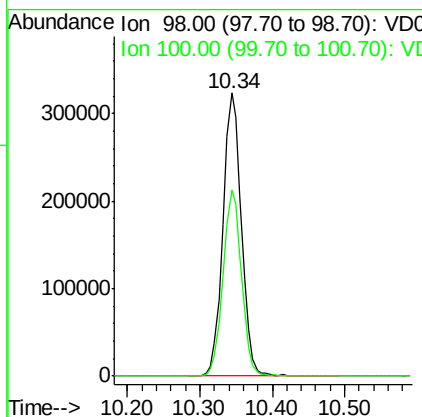
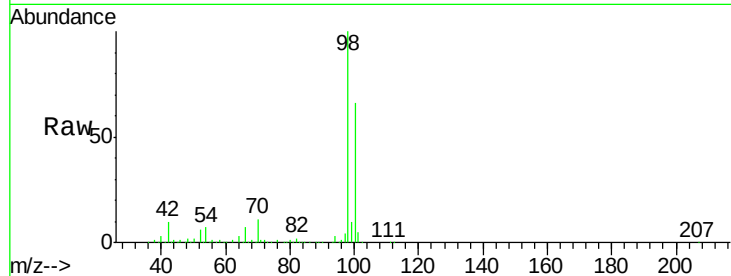




#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067433.D
Acq: 28 Oct 2020 14:53

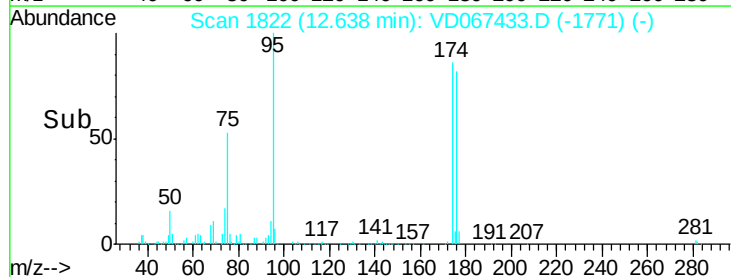
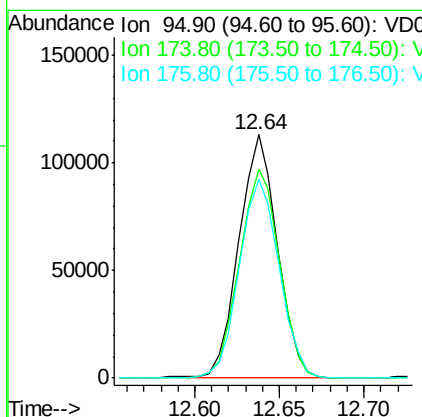
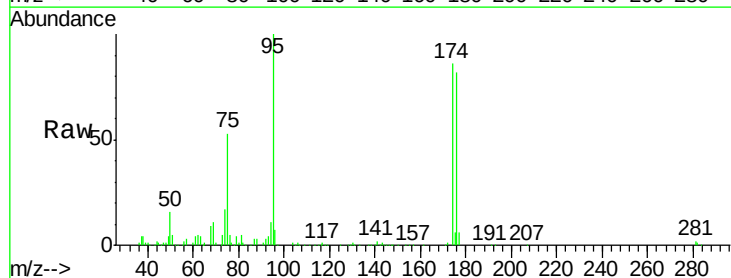
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27339

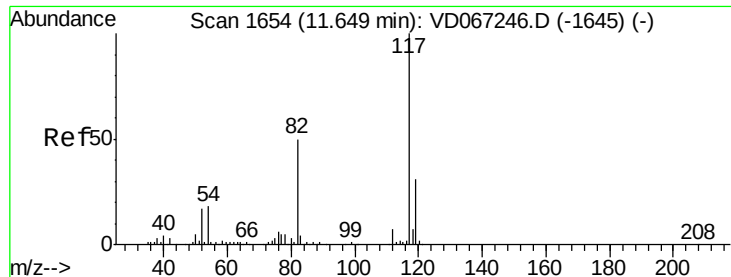
Tot Ion: 98 Resp: 572429
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.473 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067433.D
Acq: 28 Oct 2020 14:53

Tgt Ion: 95 Resp: 179176
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.2
176 84.8 0.0 168.6

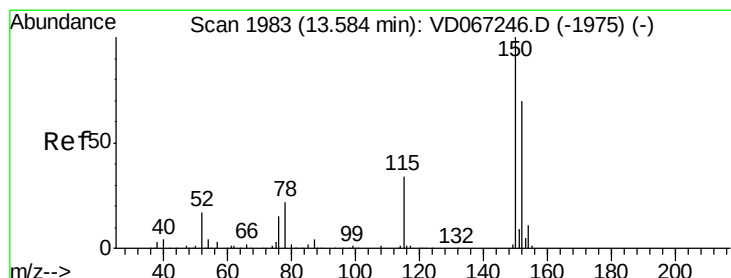
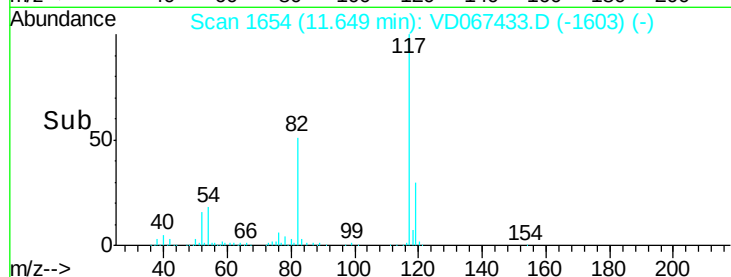
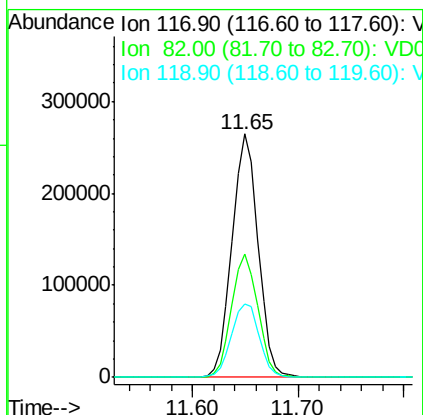
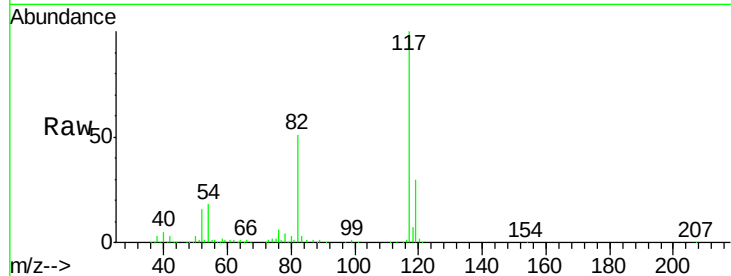




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067433.D
Acq: 28 Oct 2020 14:53

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27339

Tot Ion:117 Resp: 450627
Ion Ratio Lower Upper
117 100
82 50.7 39.9 59.9
119 29.9 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: VD067433.D
Acq: 28 Oct 2020 14:53

Tgt Ion:152 Resp: 142464
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.9
150 151.3 0.0 339.0

