

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102320\
 Data File : VD067377.D
 Acq On : 23 Oct 2020 12:58
 Operator : VA/SY
 Sample : L4488-04
 Misc : 5.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 202

Quant Time: Oct 24 07:38:43 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	329589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	521385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	513856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	168589	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.92	113	166650	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.34	98	615248	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.64	95	217068	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

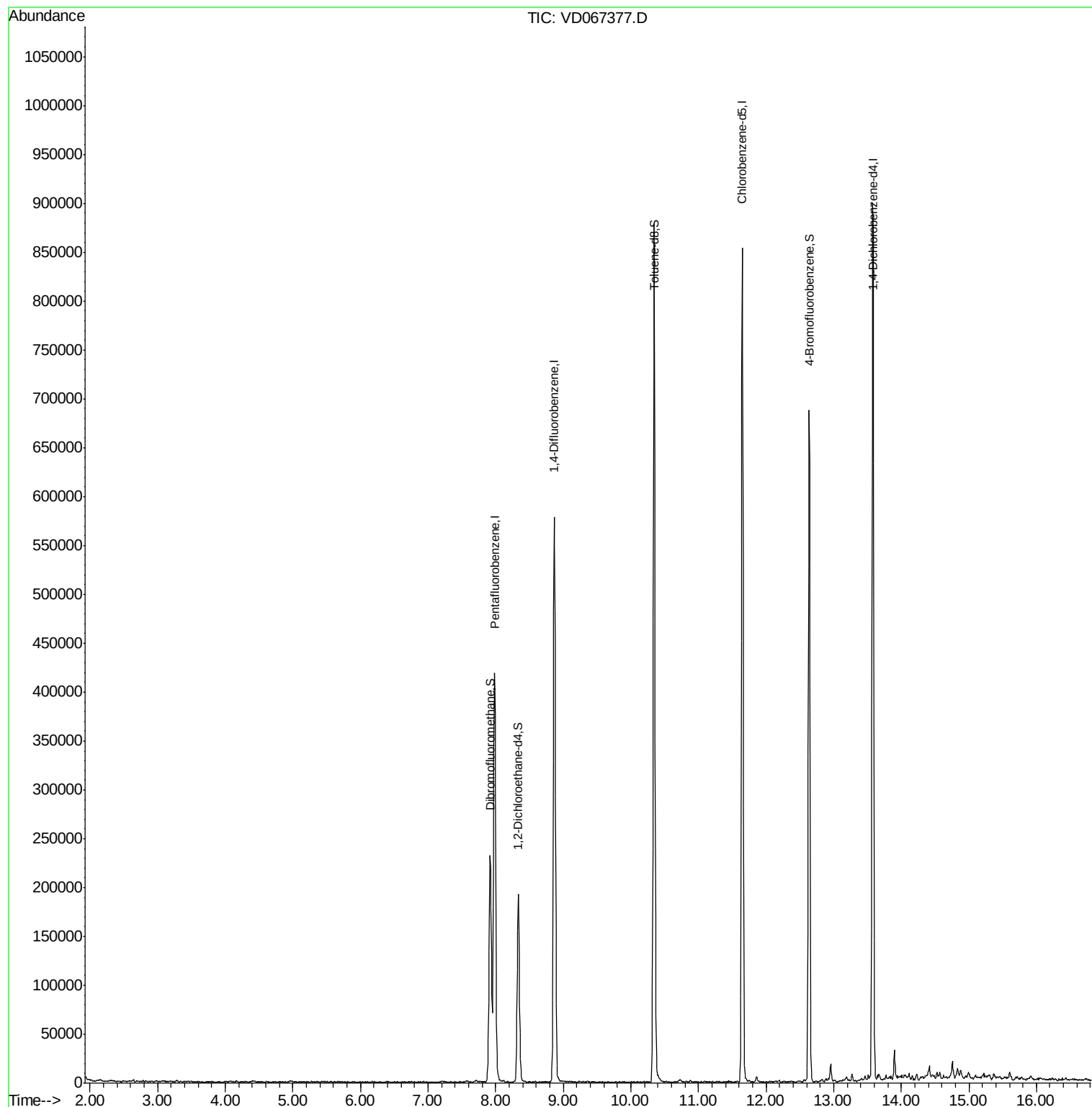
Target Compounds	Qvalue

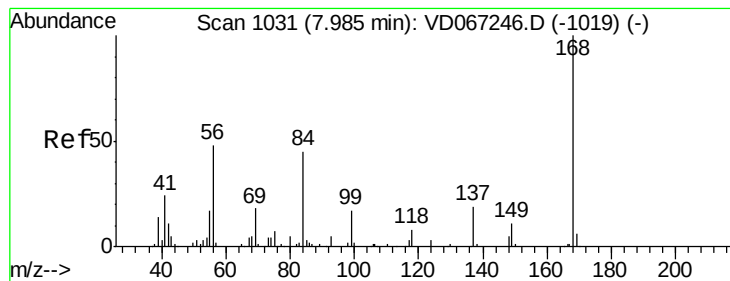
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067377.D

Acq: 23 Oct 2020 12:58

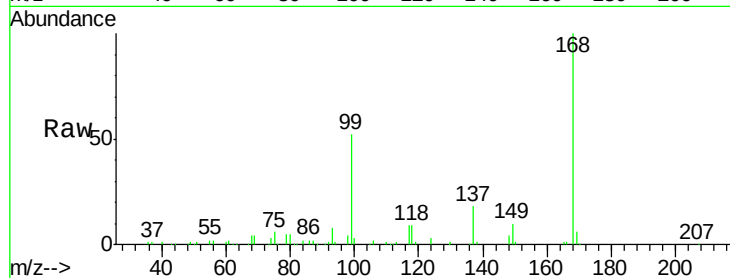
Instrument :
MSVOA_D
ClientSampleId :
202

Tot Ion:168 Resp: 329589

Ion Ratio Lower Upper

168 100

99 52.0 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

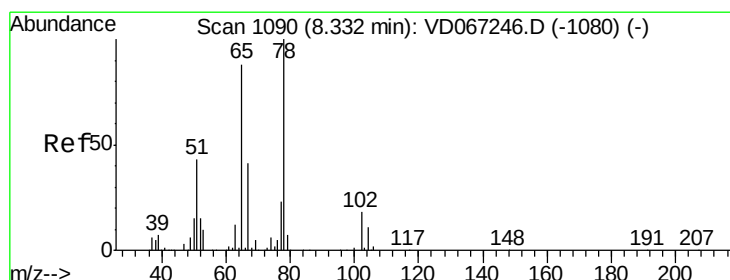
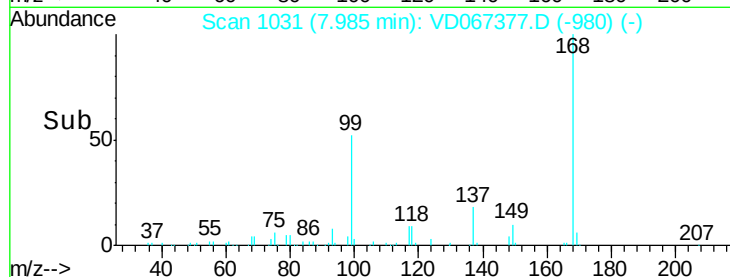
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50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.057 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067377.D

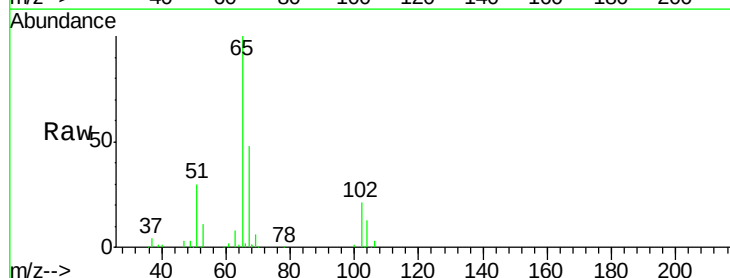
Acq: 23 Oct 2020 12:58

Tgt Ion: 65 Resp: 168589

Ion Ratio Lower Upper

65 100

67 48.9 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

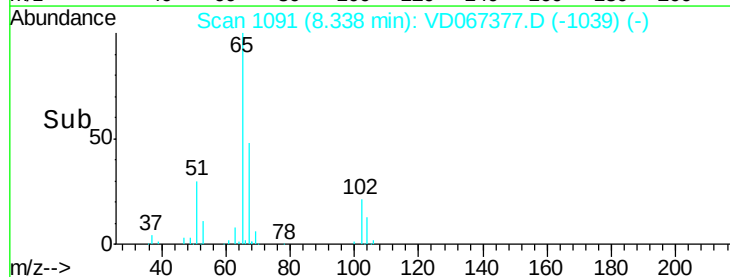
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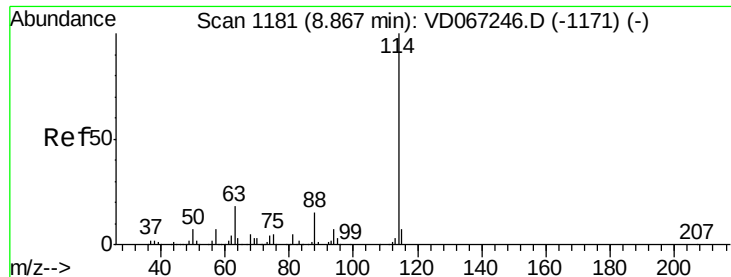
20000

0

Time-->

8.20 8.30 8.40

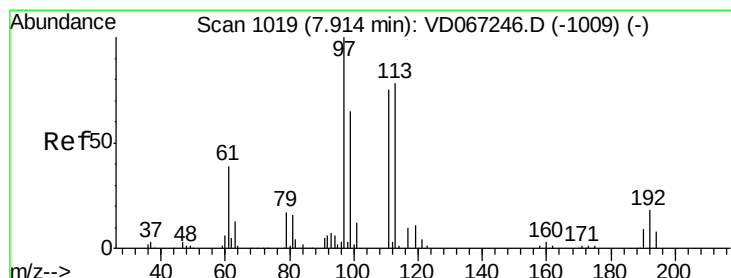
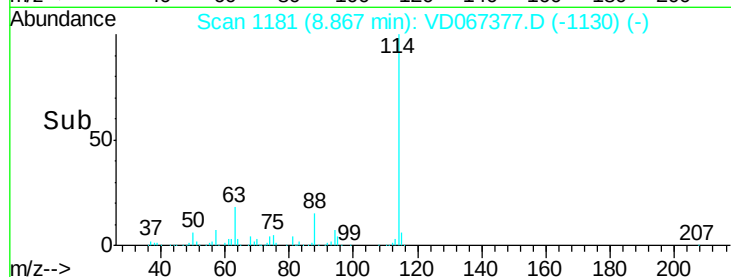
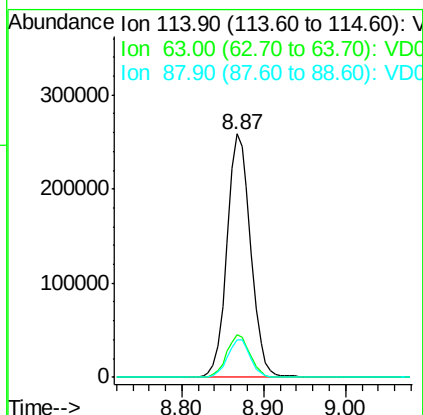
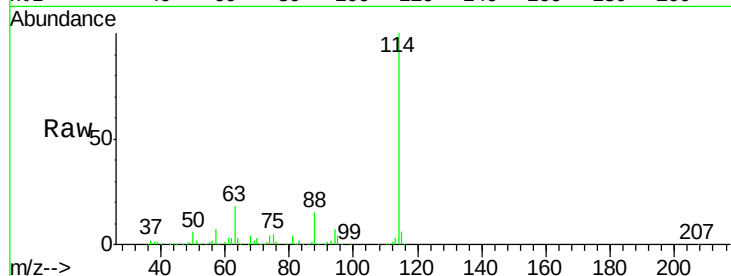




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067377.D
 Acq: 23 Oct 2020 12:58

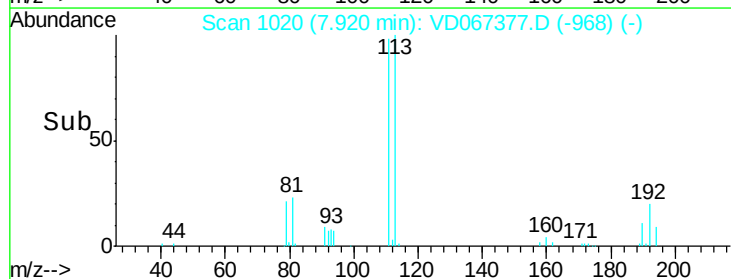
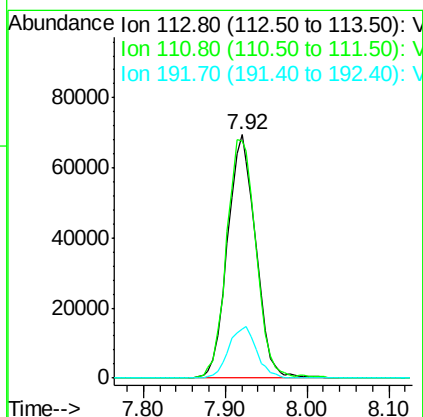
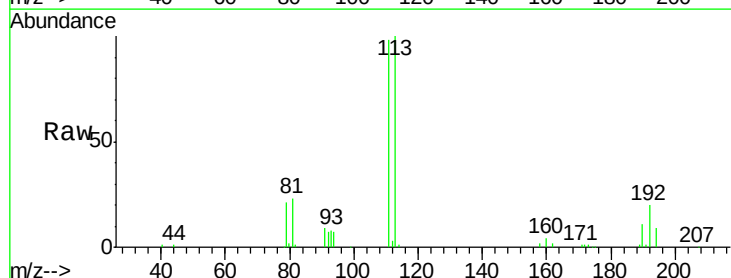
Instrument :
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 ClientSampleId :
 202

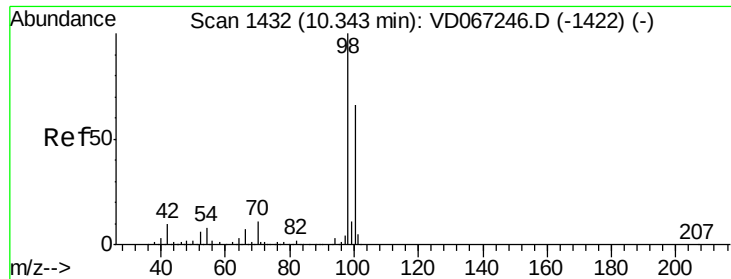
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	15.2	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 48.028 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067377.D
 Acq: 23 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	21.1	17.0	25.4

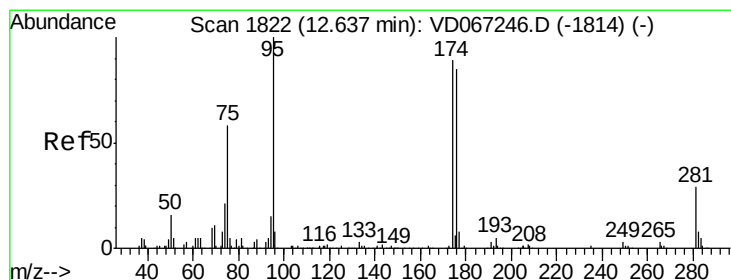
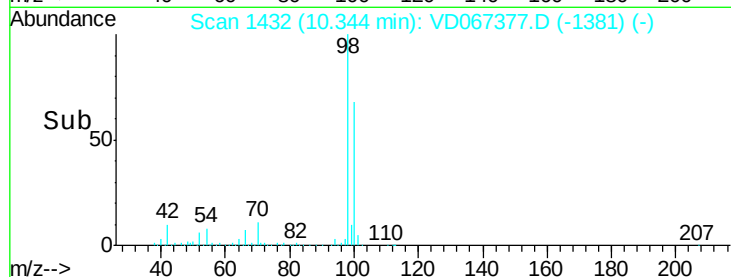
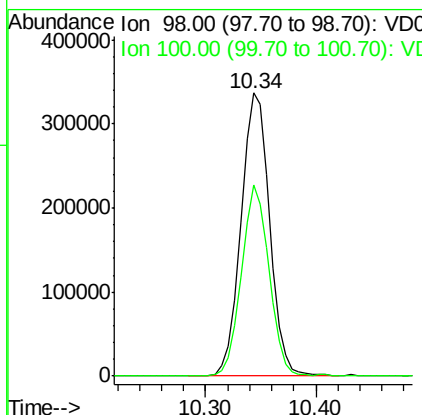
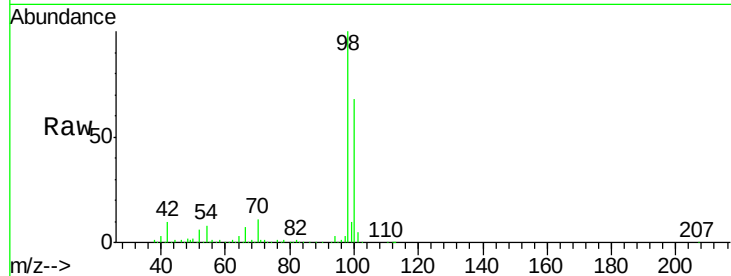




#50
Toluene-d8
Concen: 48.996 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067377.D
Acq: 23 Oct 2020 12:58

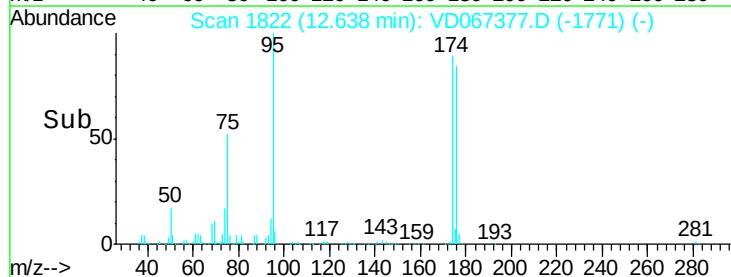
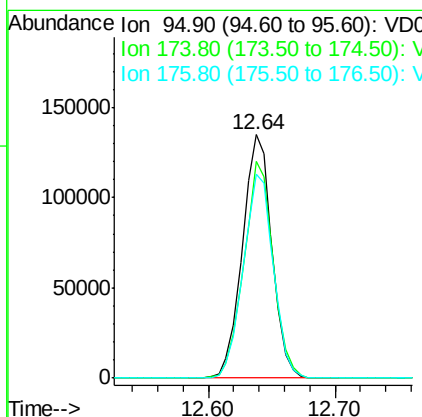
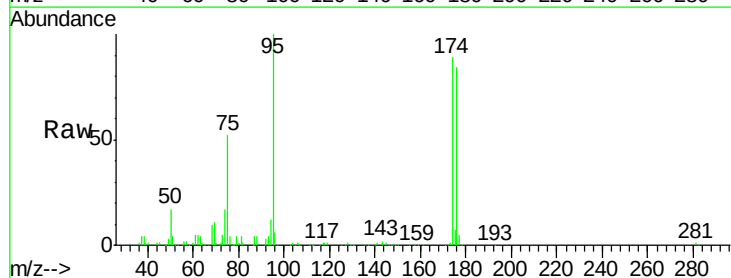
Instrument :
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ClientSampleId :
202

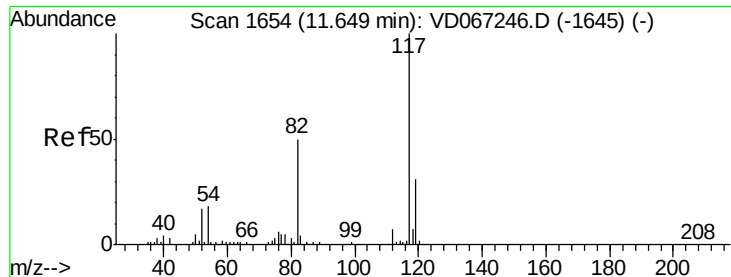
Tot Ion: 98 Resp: 615248
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067377.D
Acq: 23 Oct 2020 12:58

Tgt Ion: 95 Resp: 217068
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.2
176 85.7 0.0 168.6

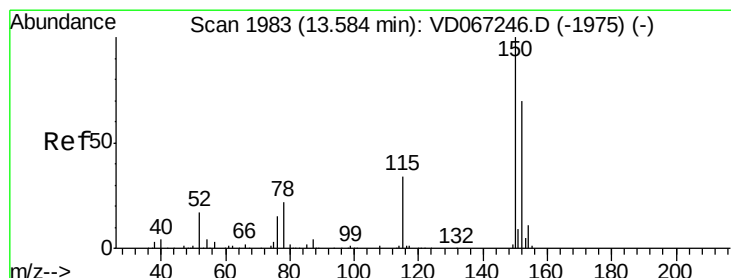
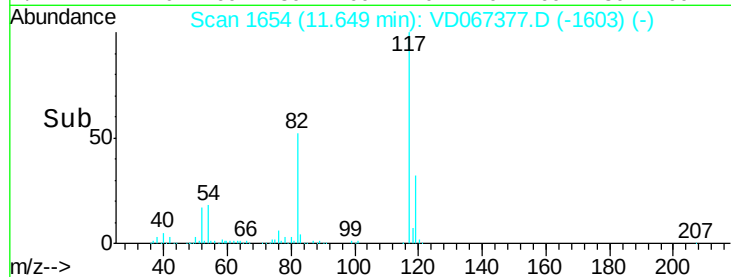
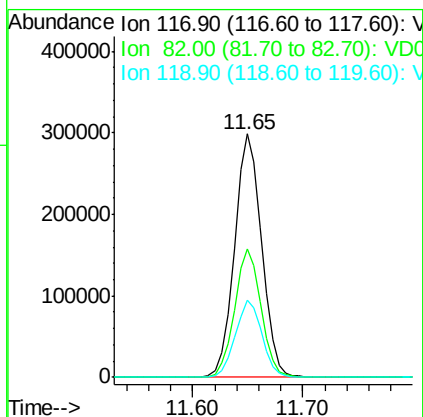
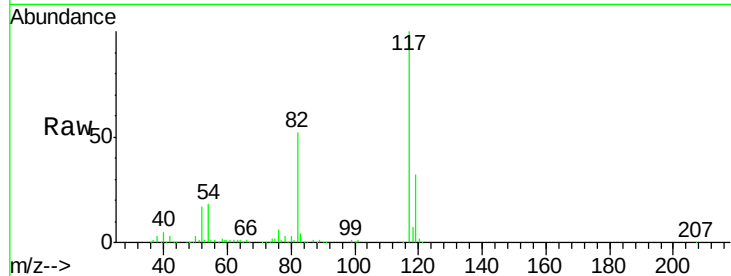




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067377.D
Acq: 23 Oct 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
202

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.9	59.9
119	31.8	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: VD067377.D
Acq: 23 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	87.9
150	157.4	0.0	339.0

