

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067561.D
 Acq On : 09 Nov 2020 13:07
 Operator : VA/SY
 Sample : L4658-03
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361-CL

Quant Time: Nov 10 00:46:22 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	59141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	88415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	95986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	49775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	40253	77.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.68%	
35) Dibromofluoromethane	7.91	113	31712	59.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.06%	
50) Toluene-d8	10.34	98	104757	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.64	95	39683	61.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.80%	

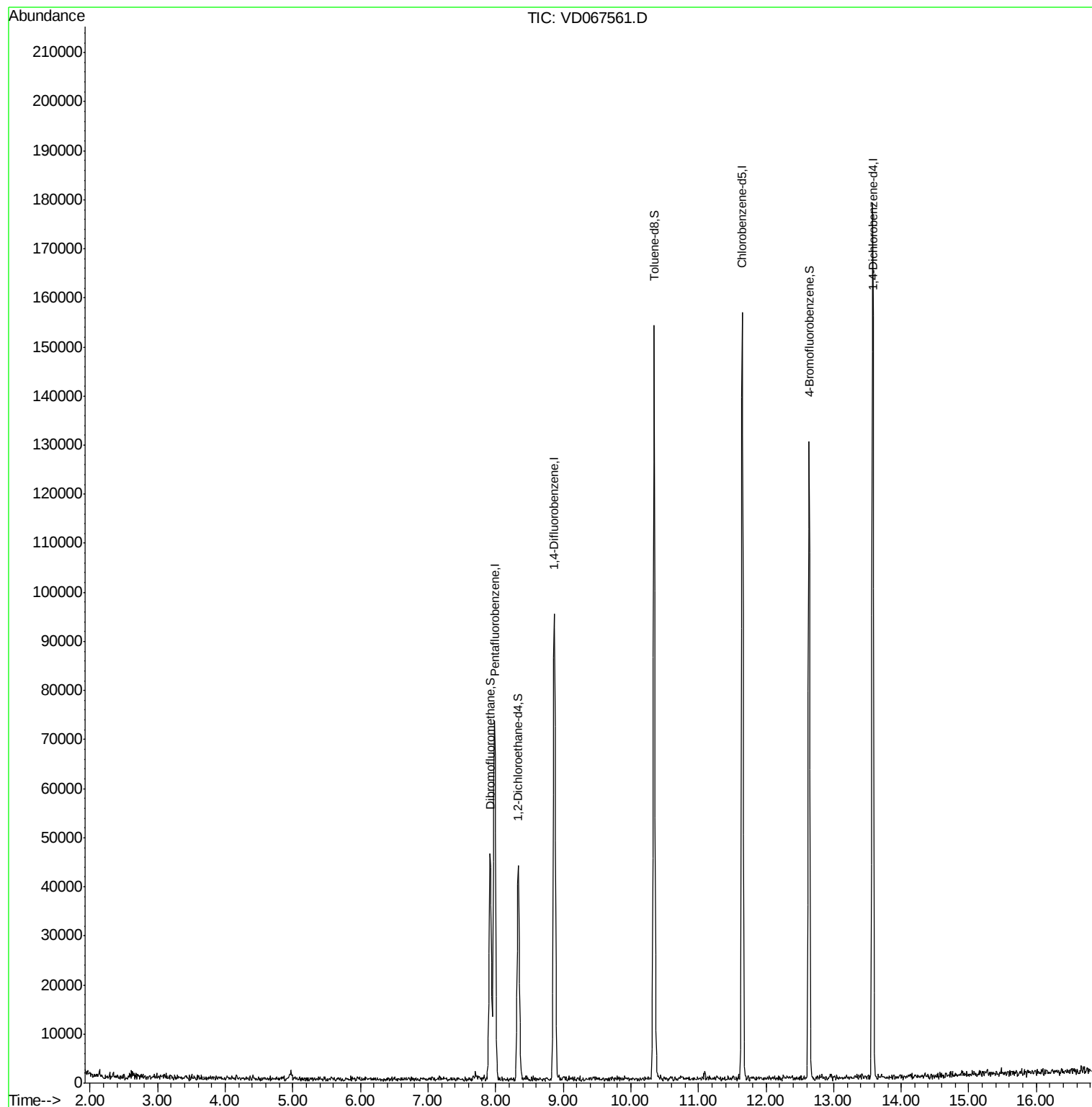
Target Compounds	Qvalue

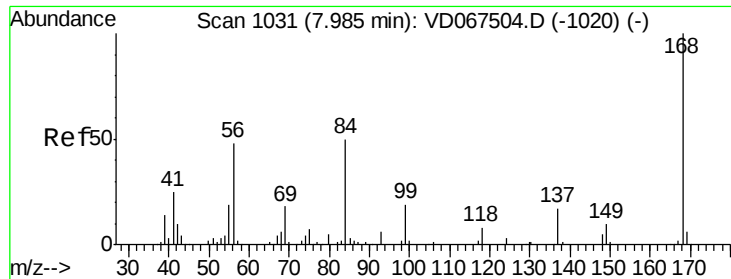
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067561.D

Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

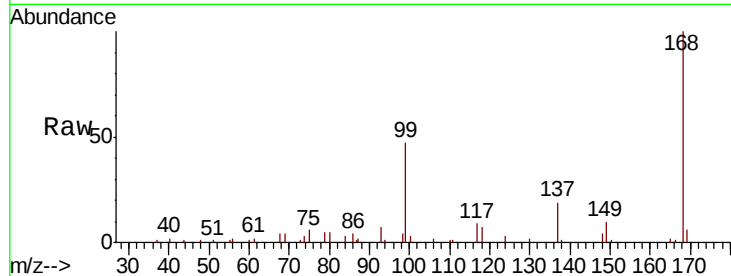
361-CL

Tot Ion:168 Resp: 59141

Ion Ratio Lower Upper

168 100

99 47.3 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

25000

20000

15000

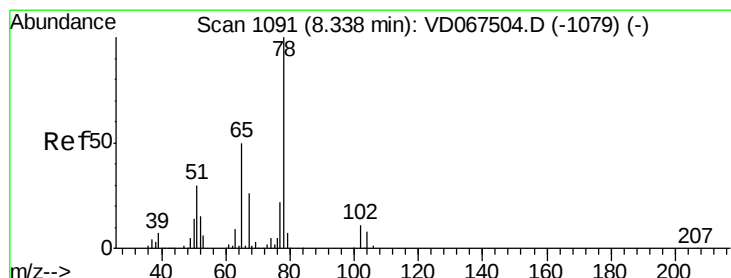
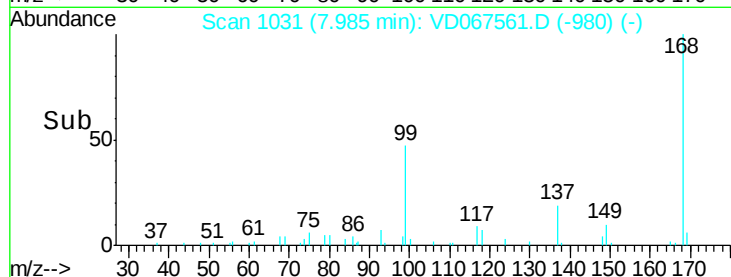
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 77.840 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067561.D

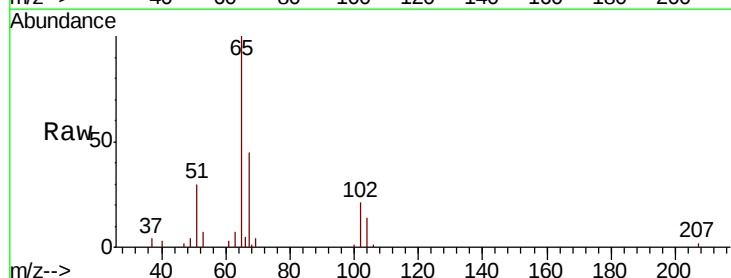
Acq: 09 Nov 2020 13:07

Tgt Ion: 65 Resp: 40253

Ion Ratio Lower Upper

65 100

67 46.7 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

20000

15000

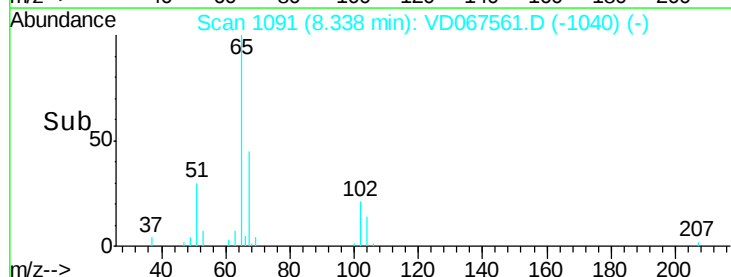
10000

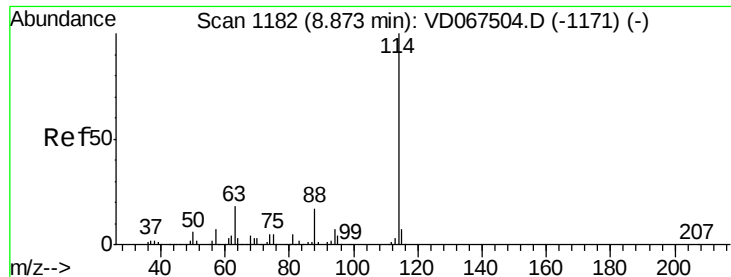
5000

0

8.25 8.30 8.35 8.40

Time-->

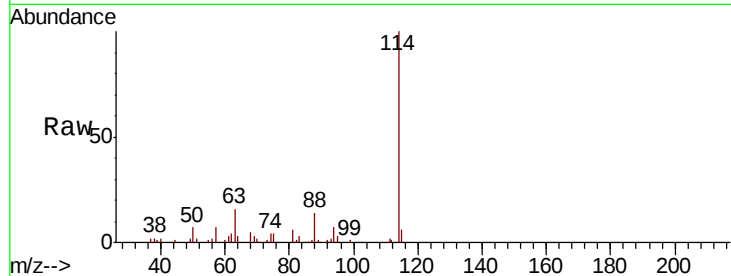




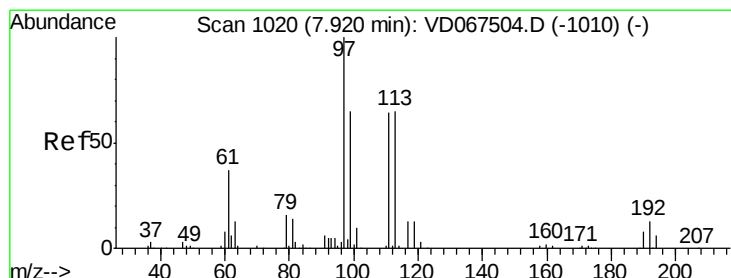
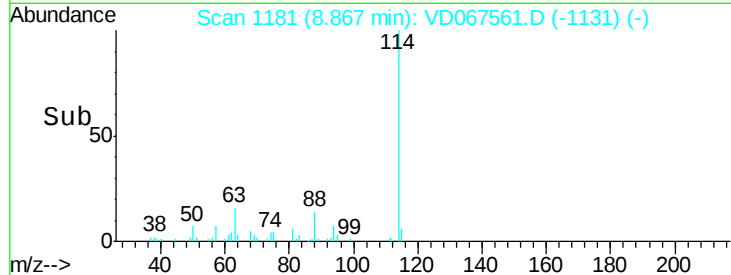
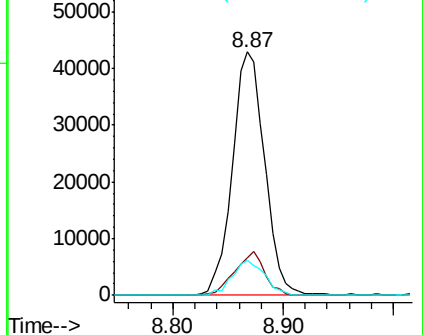
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
361-CL

Tot Ion:114 Resp: 88415
Ion Ratio Lower Upper
114 100
63 15.6 0.0 35.0
88 14.1 0.0 33.0

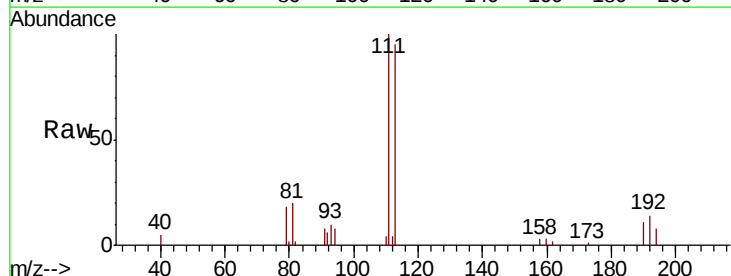


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

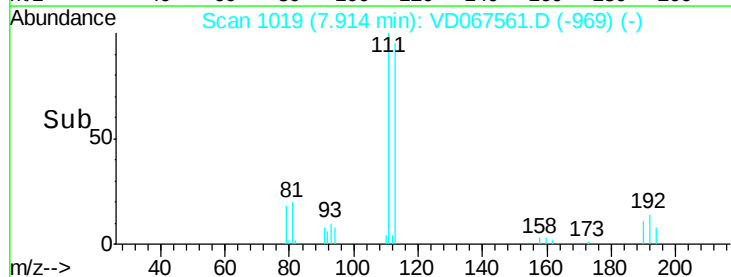
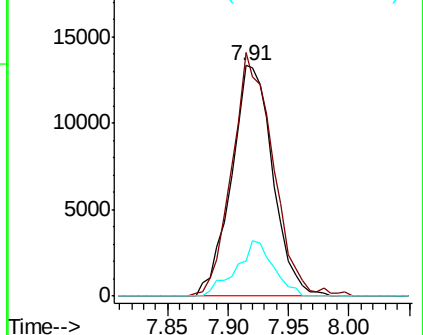


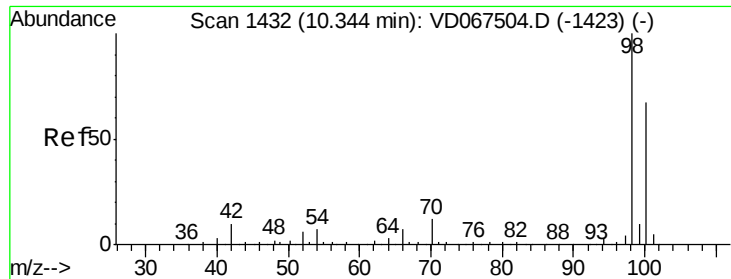
#35
Dibromofluoromethane
Concen: 59.531 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

Tgt Ion:113 Resp: 31712
Ion Ratio Lower Upper
113 100
111 104.1 80.0 120.0
192 21.6 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

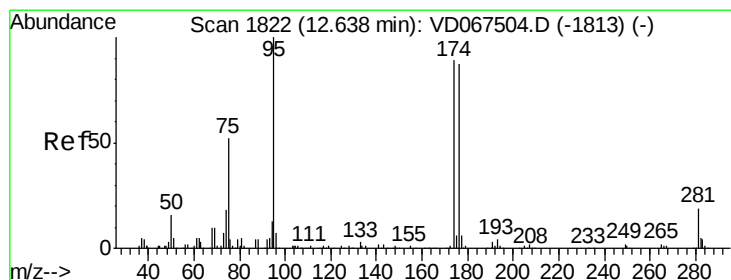
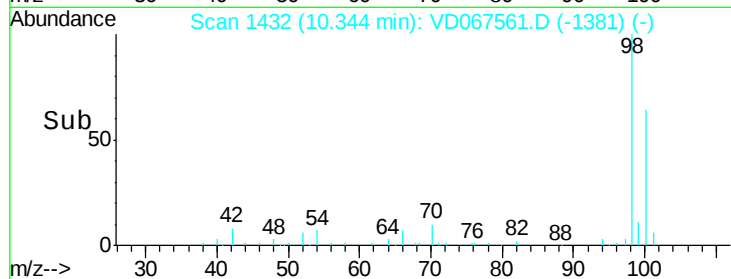
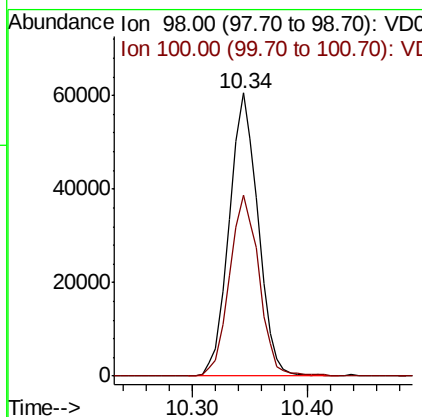
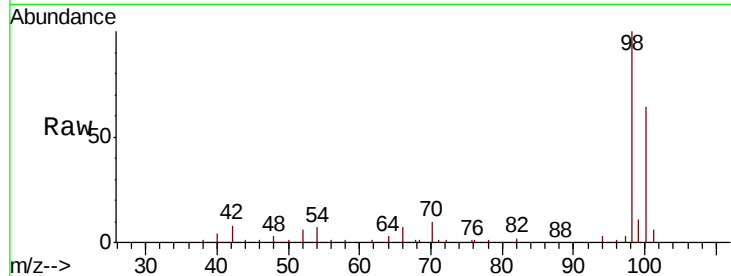




#50
Toluene-d8
Concen: 55.959 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

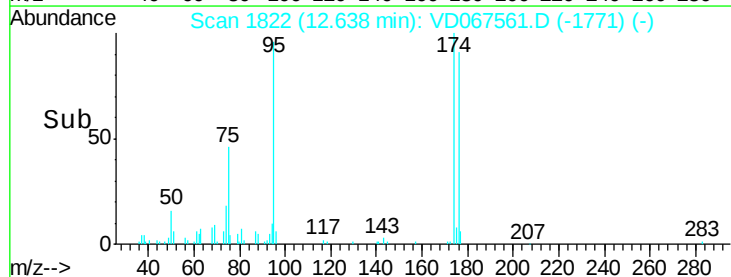
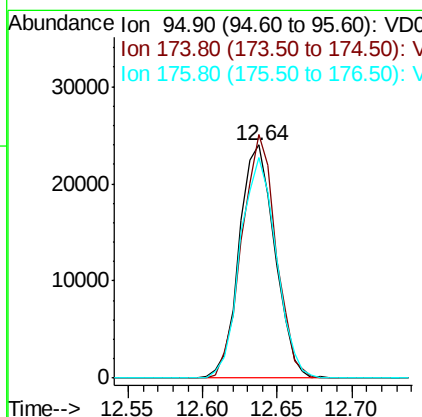
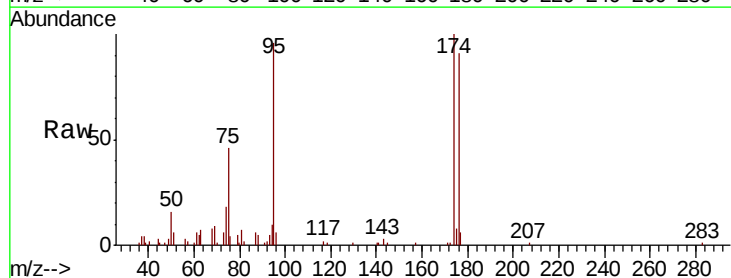
Instrument :
MSVOA_D
ClientSampleId :
361-CL

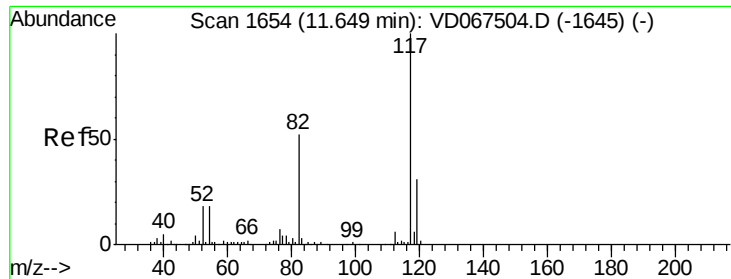
Tot Ion: 98 Resp: 104757
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 61.399 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

Tgt Ion: 95 Resp: 39683
Ion Ratio Lower Upper
95 100
174 100.1 0.0 177.8
176 95.4 0.0 172.0

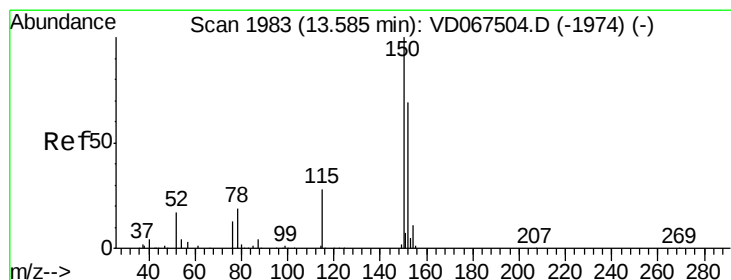
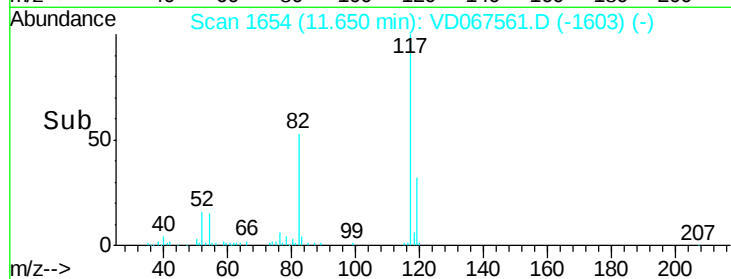
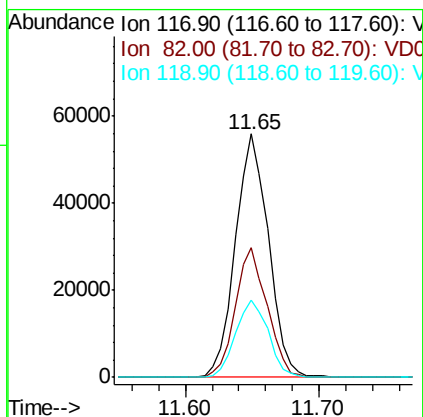
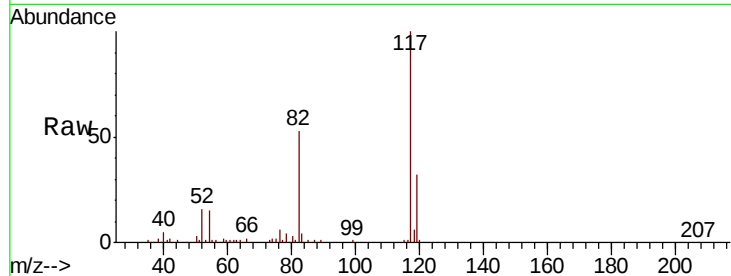




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067561.D
Acq: 09 Nov 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
361-CL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.6	62.4
119	31.5	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: VD067561.D
Acq: 09 Nov 2020 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.3	88.0
150	160.6	0.0	338.2

