

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067361.D
 Acq On : 22 Oct 2020 14:44
 Operator : VA/SY
 Sample : L4484-01
 Misc : 4.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

Quant Time: Oct 23 06:13:03 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	323885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	519933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	508921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	172023	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.92	113	172675	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.34	98	606782	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.64	95	217647	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

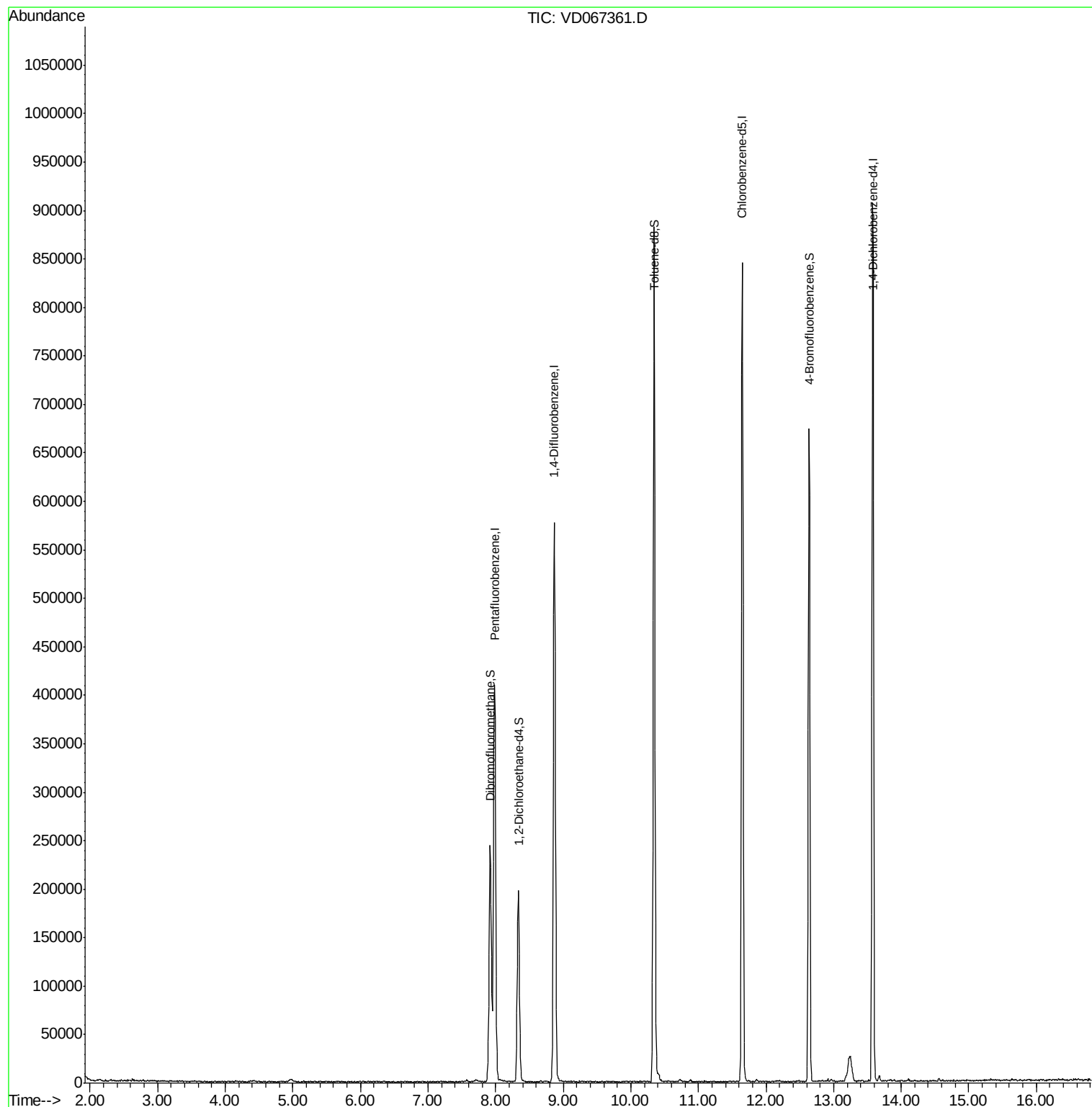
Target Compounds	Qvalue
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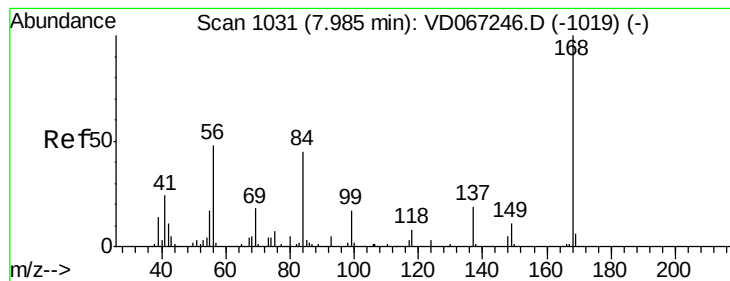
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102220\
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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: VD067361.D

Acq: 22 Oct 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

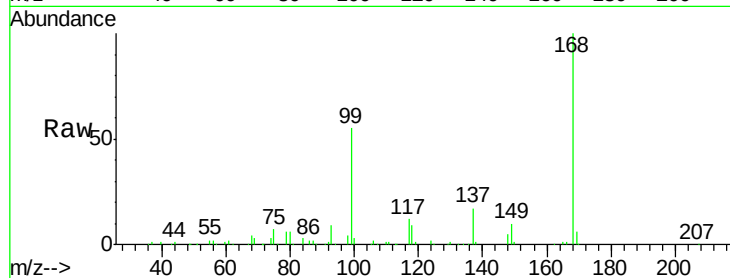
72-11998

Tot Ion:168 Resp: 323885

Ion Ratio Lower Upper

168 100

99 55.0 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

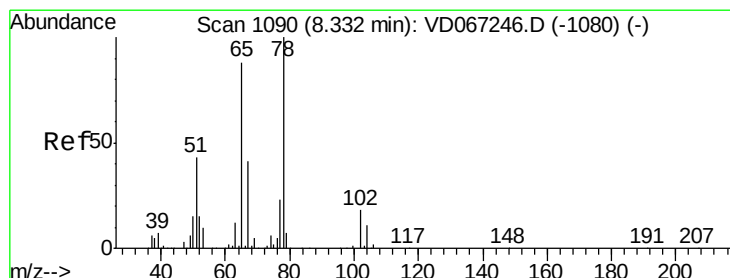
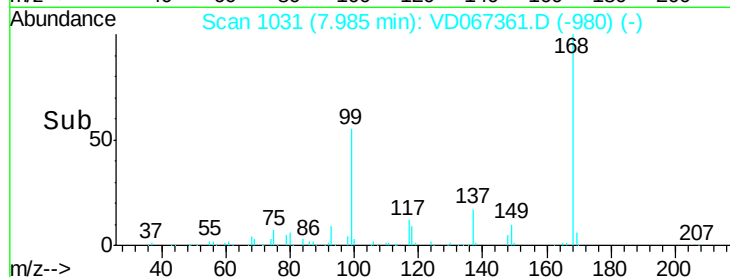
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.014 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067361.D

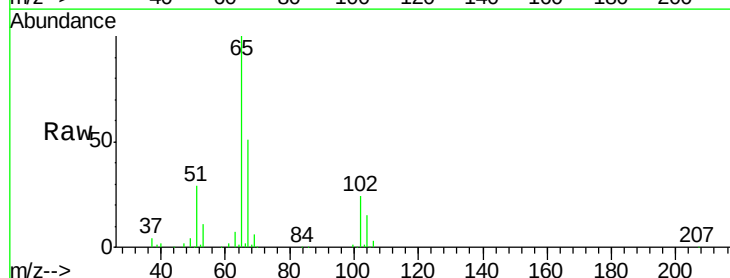
Acq: 22 Oct 2020 14:44

Tgt Ion: 65 Resp: 172023

Ion Ratio Lower Upper

65 100

67 50.0 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

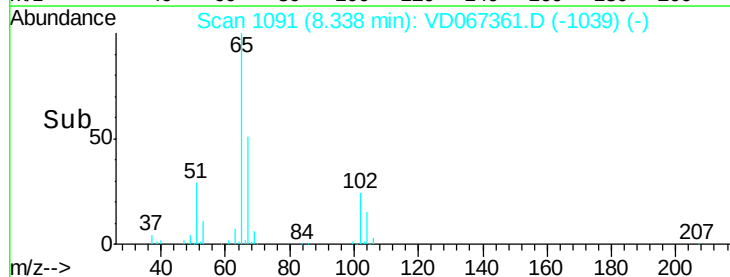
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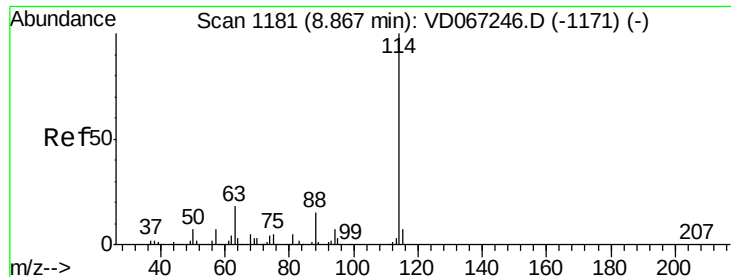
20000

0

8.30 8.40

Time-->

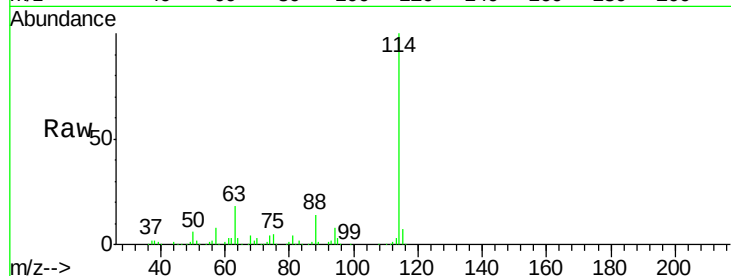




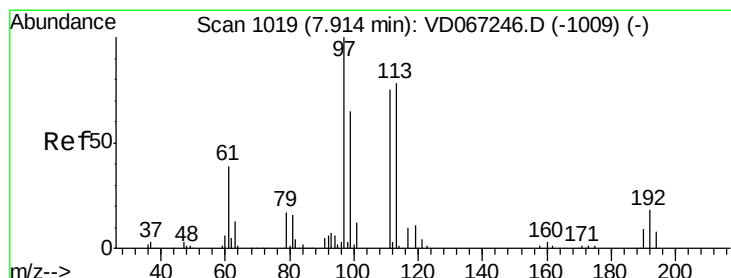
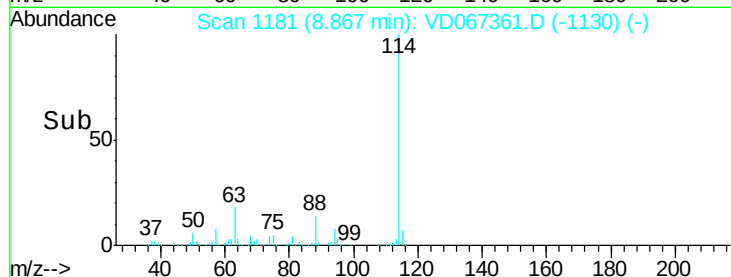
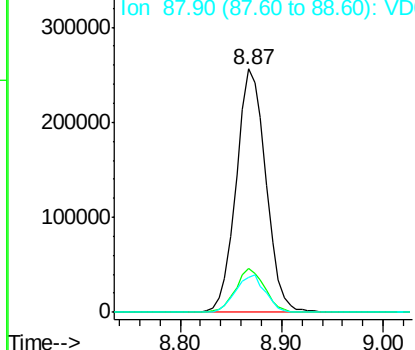
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067361.D
 Acq: 22 Oct 2020 14:44

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.0
88	14.2	0.0	30.6

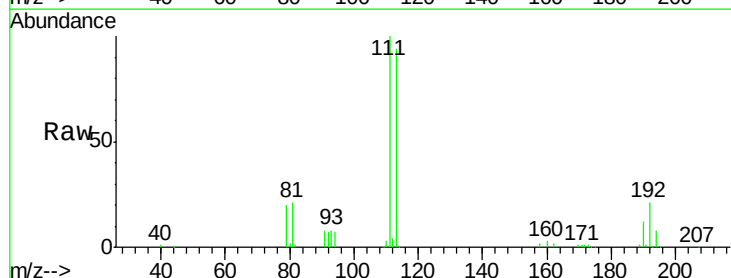


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

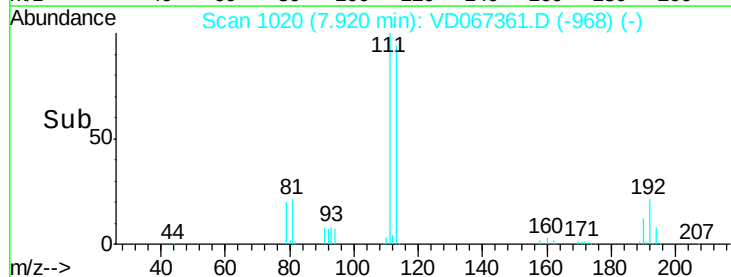
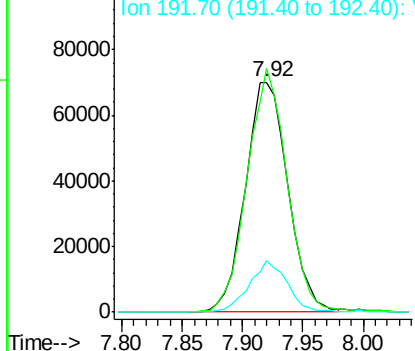


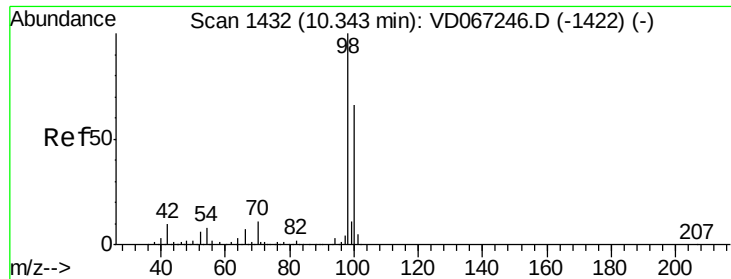
#35
 Dibromofluoromethane
 Concen: 49.904 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067361.D
 Acq: 22 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.6	122.4
192	20.0	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

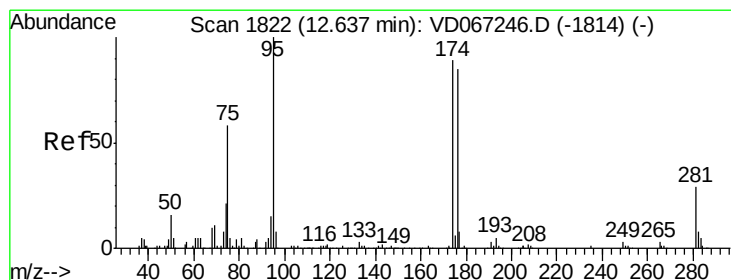
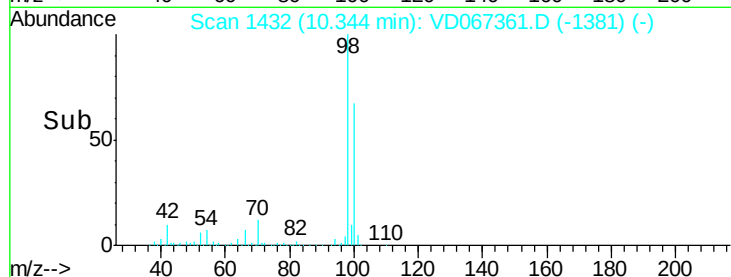
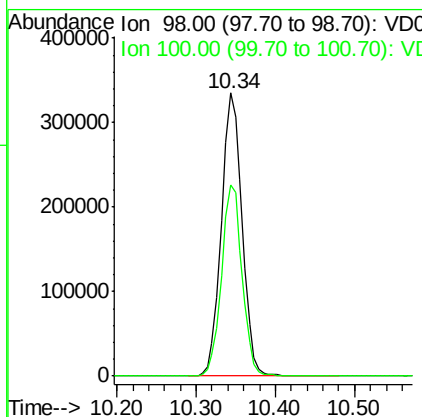
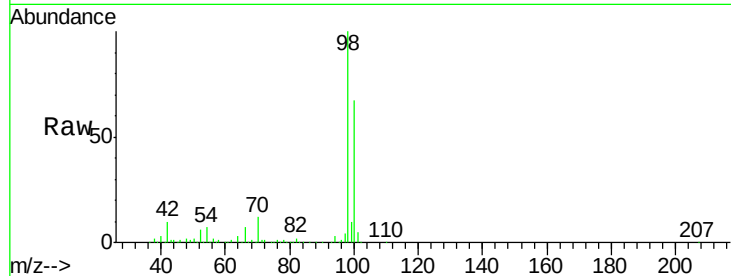




#50
Toluene-d8
Concen: 48.457 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067361.D
Acq: 22 Oct 2020 14:44

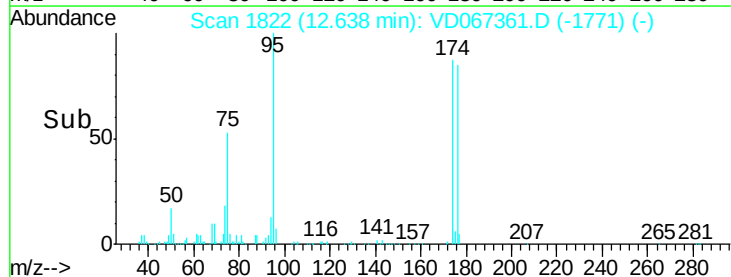
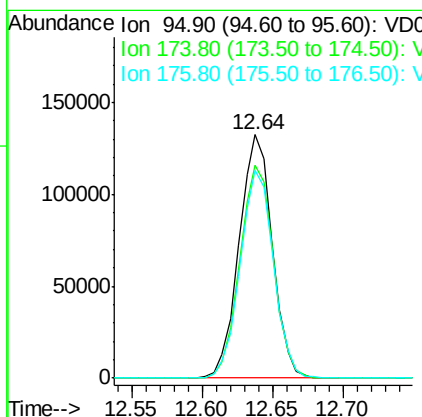
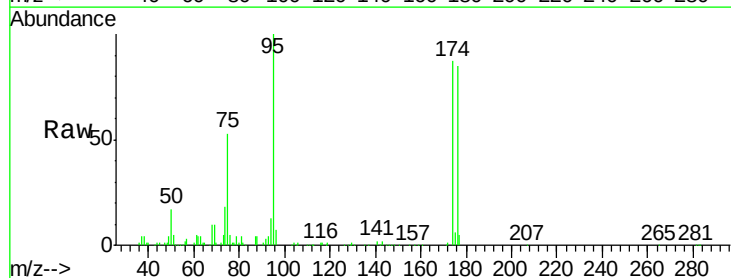
Instrument :
MSVOA_D
ClientSampleId :
72-11998

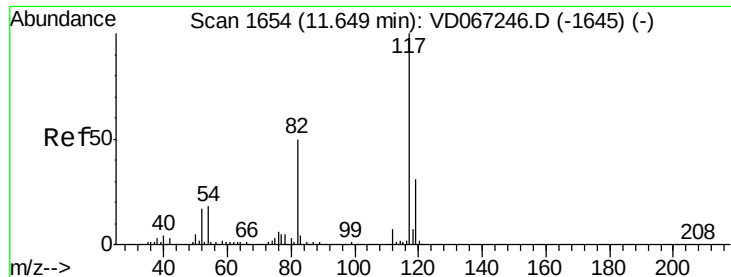
Tot Ion: 98 Resp: 606782
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.986 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067361.D
Acq: 22 Oct 2020 14:44

Tgt Ion: 95 Resp: 217647
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.2
176 85.9 0.0 168.6

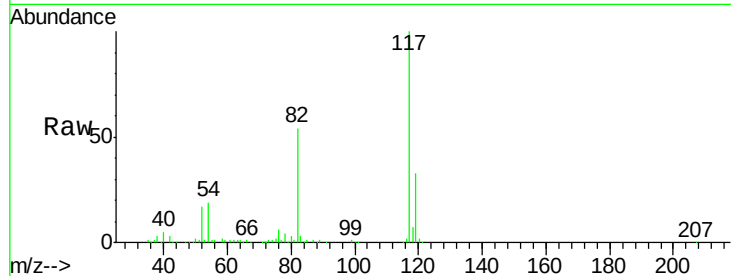




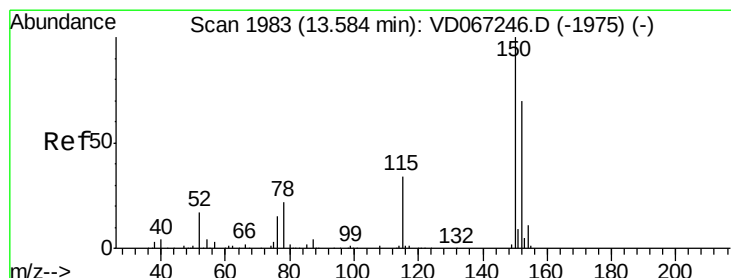
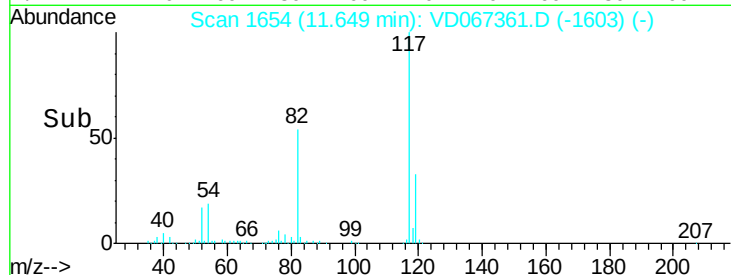
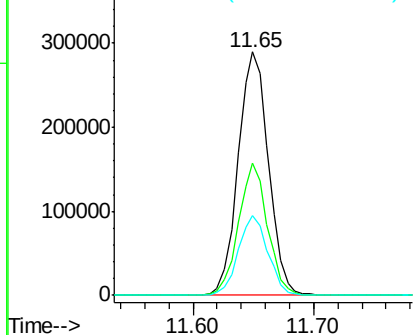
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067361.D
Acq: 22 Oct 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :
72-11998

Tot Ion:117 Resp: 508921
Ion Ratio Lower Upper
117 100
82 54.4 39.9 59.9
119 32.8 24.9 37.3

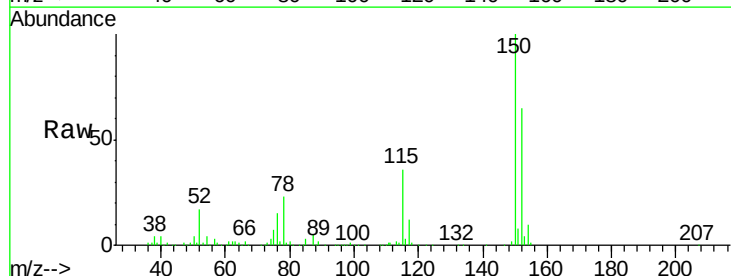


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067361.D
Acq: 22 Oct 2020 14:44

Tgt Ion:152 Resp: 256595
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 155.0 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

