

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067180.D
 Acq On : 08 Oct 2020 05:16
 Operator : VA/SY
 Sample : L4309-06
 Misc : 4.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-05-B

Quant Time: Oct 08 09:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	615382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	564826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251274	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	184593	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.92	113	196653	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.34	98	716449	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.64	95	231158	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

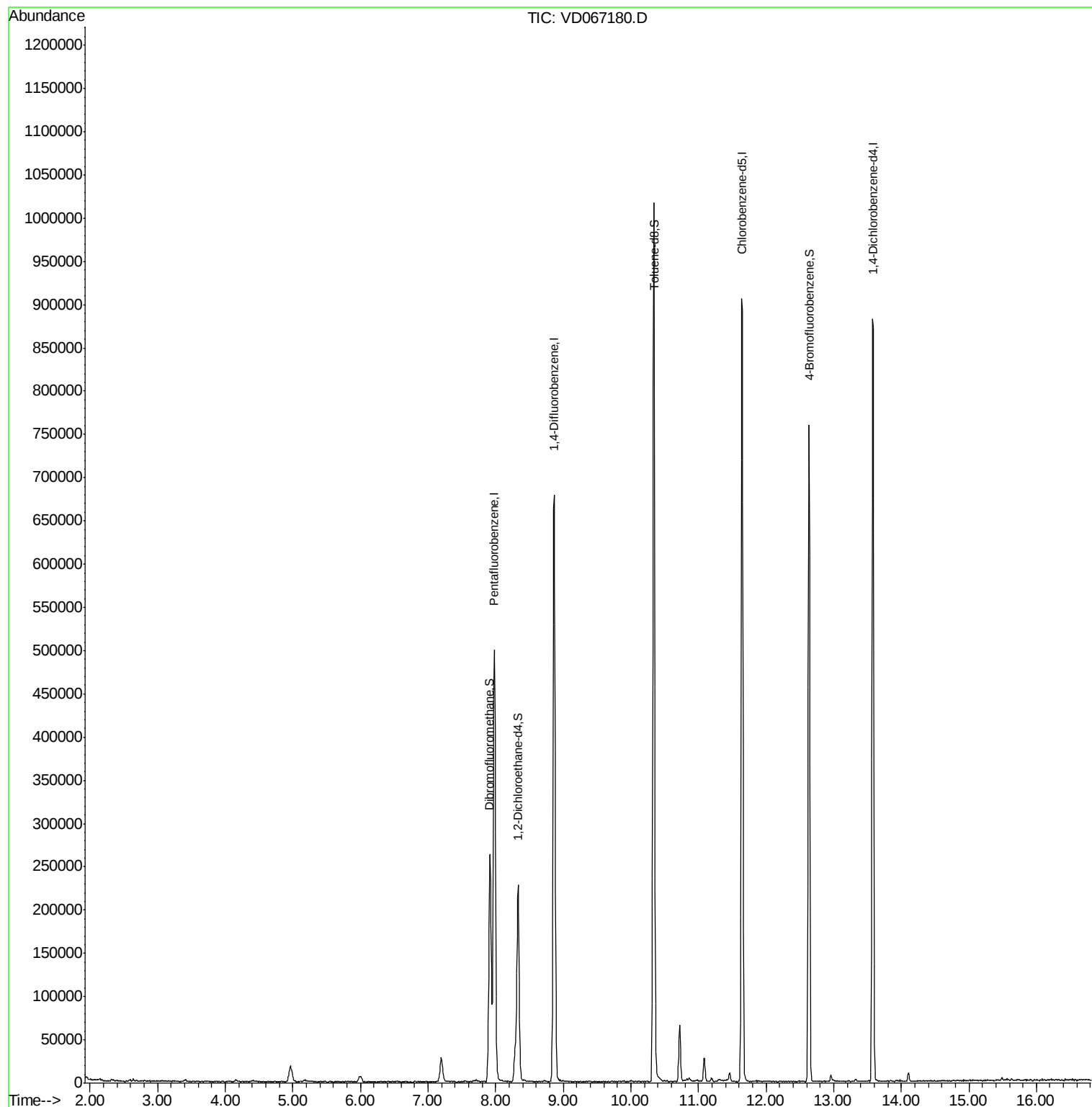
Target Compounds	Qvalue
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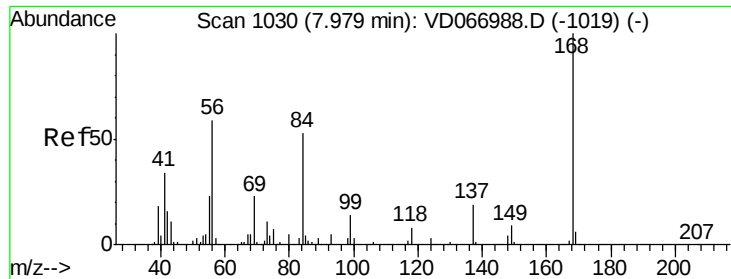
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067180.D

Acq: 08 Oct 2020 05:16

Instrument :

MSVOA_D

ClientSampleId :

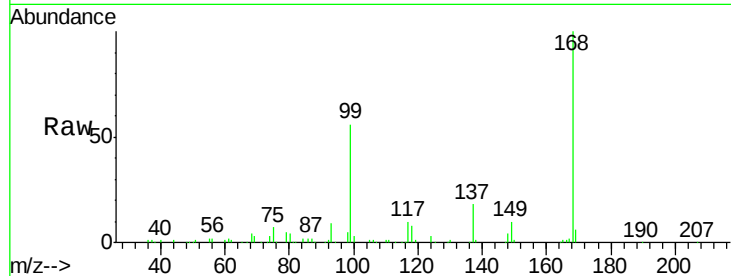
OWLS-HEAD-BH-05-B

Tot Ion:168 Resp: 381553

Ion Ratio Lower Upper

168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

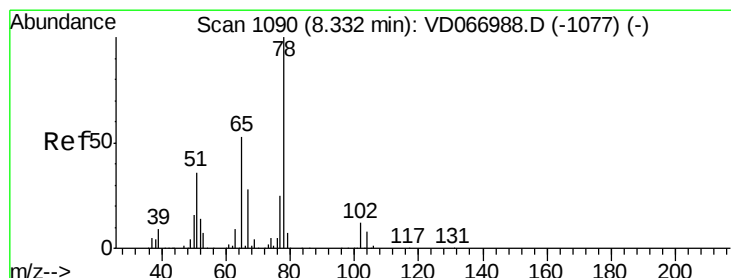
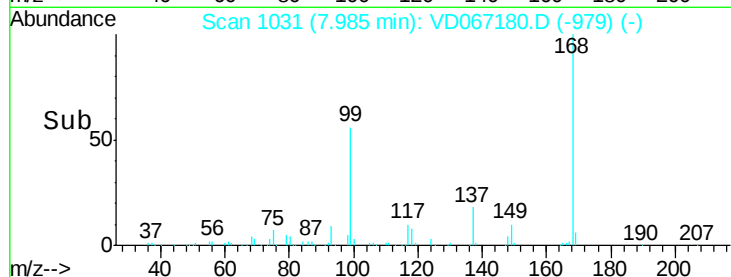
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.228 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067180.D

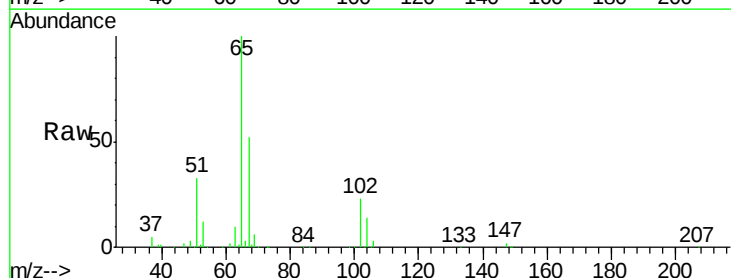
Acq: 08 Oct 2020 05:16

Tgt Ion: 65 Resp: 184593

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

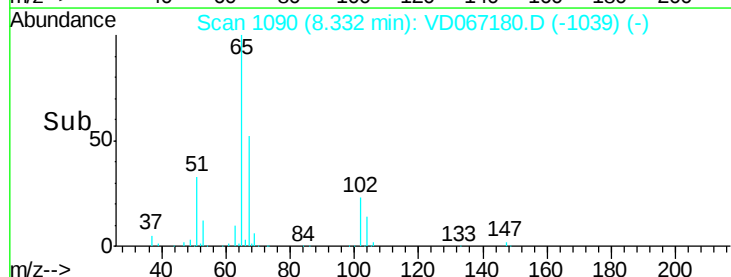
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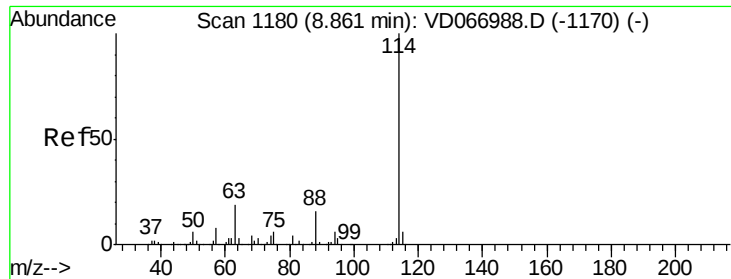
40000

20000

0

Time-->

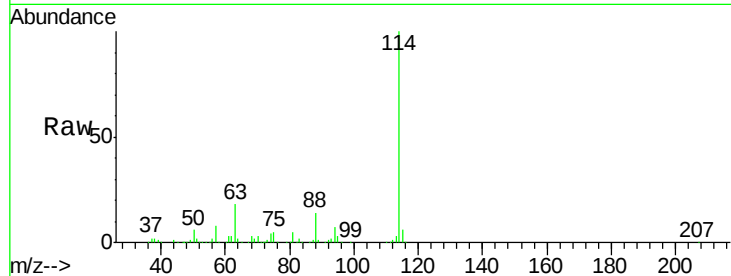




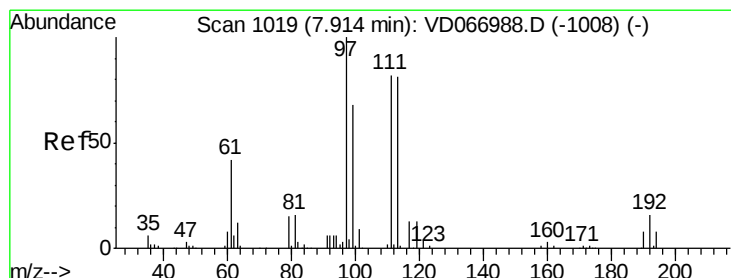
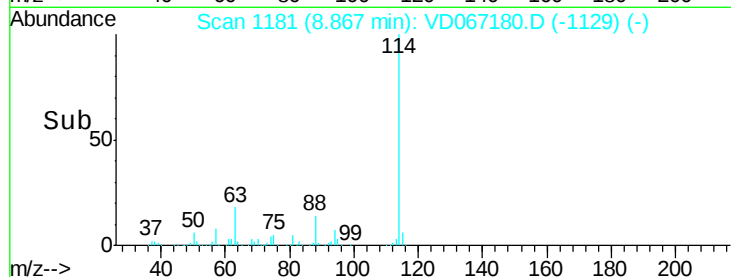
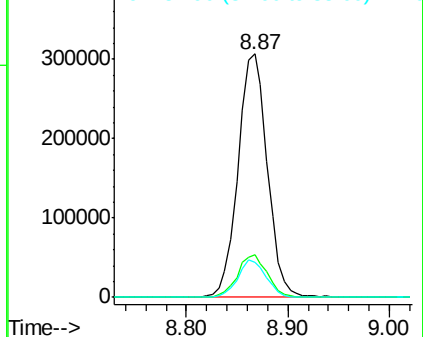
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

Instrument :
MSVOA_D
ClientSampleId :
OWLS-HEAD-BH-05-B

Tot Ion:114 Resp: 615382
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.4
88 14.4 0.0 31.2

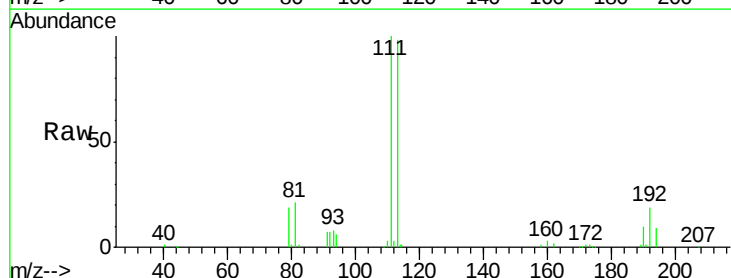


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

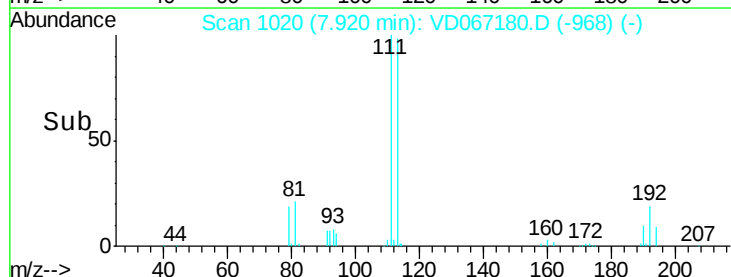
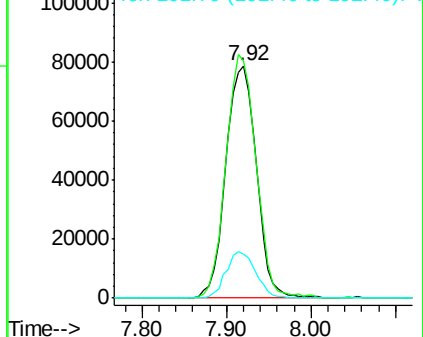


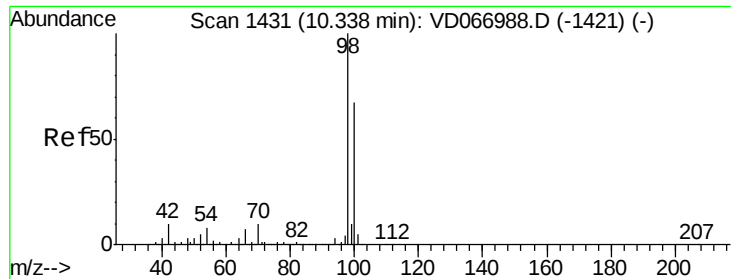
#35
Dibromofluoromethane
Concen: 48.812 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

Tgt Ion:113 Resp: 196653
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 19.5 15.5 23.3



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

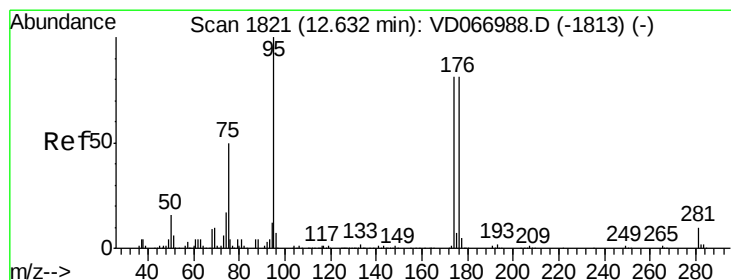
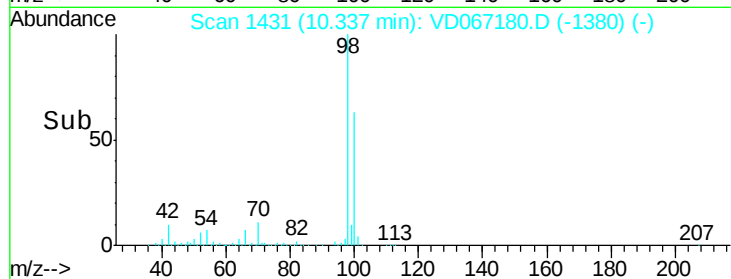
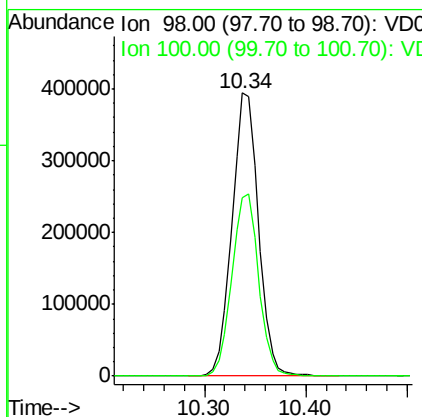
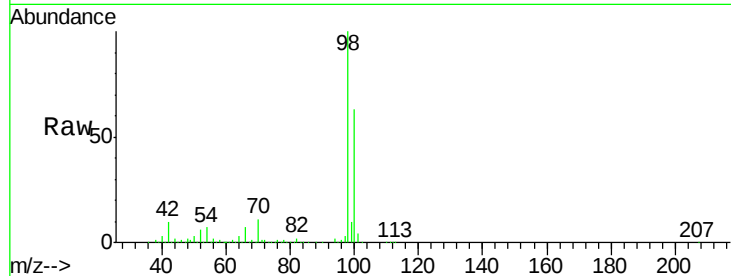




#50
Toluene-d8
Concen: 48.803 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

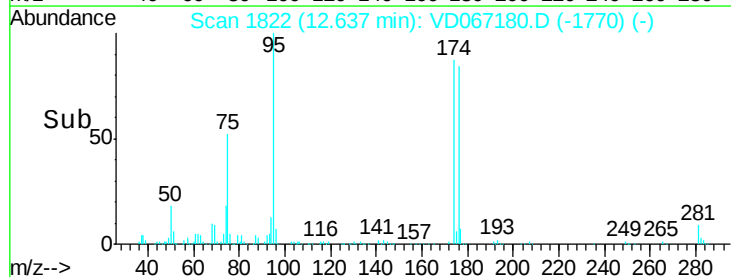
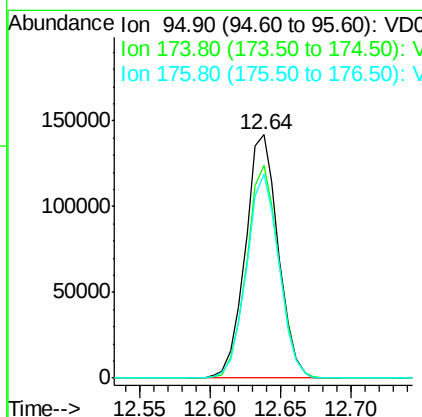
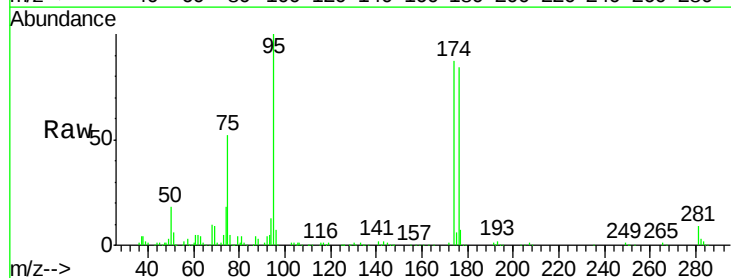
Instrument :
MSVOA_D
ClientSampleId :
OWLS-HEAD-BH-05-B

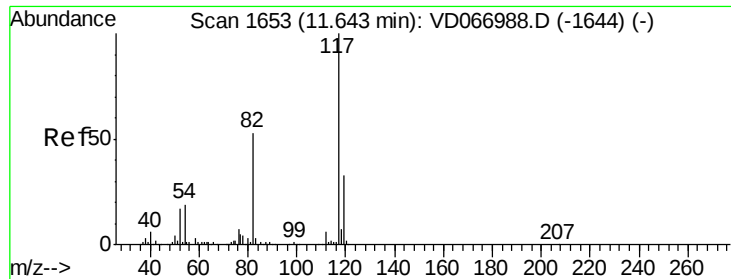
Tot Ion: 98 Resp: 716449
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.383 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

Tgt Ion: 95 Resp: 231158
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 83.4 0.0 162.4

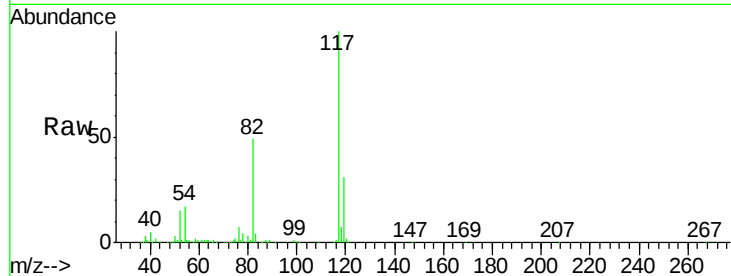




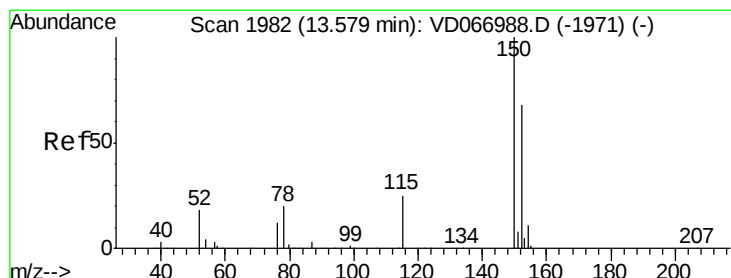
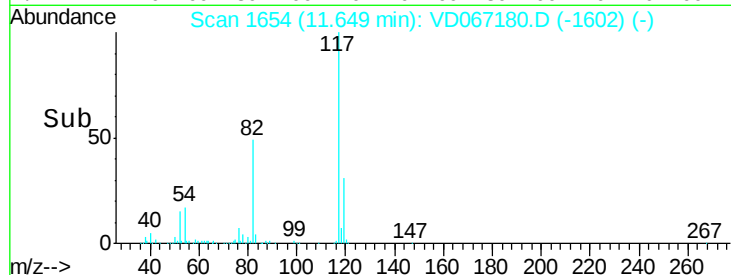
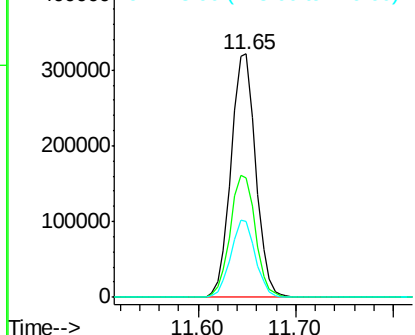
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

Instrument :
MSVOA_D
ClientSampleId :
OWLS-HEAD-BH-05-B

Tot Ion:117 Resp: 564826
Ion Ratio Lower Upper
117 100
82 49.1 42.6 63.8
119 31.1 26.3 39.5

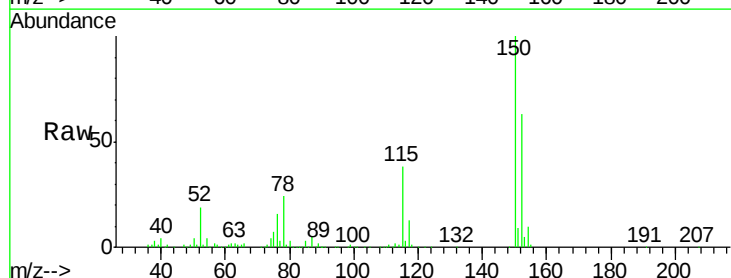


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067180.D
Acq: 08 Oct 2020 05:16

Tgt Ion:152 Resp: 251274
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 158.4 0.0 344.8



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

