

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067178.D
 Acq On : 08 Oct 2020 04:21
 Operator : VA/SY
 Sample : L4309-04
 Misc : 4.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Quant Time: Oct 08 09:04:46 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

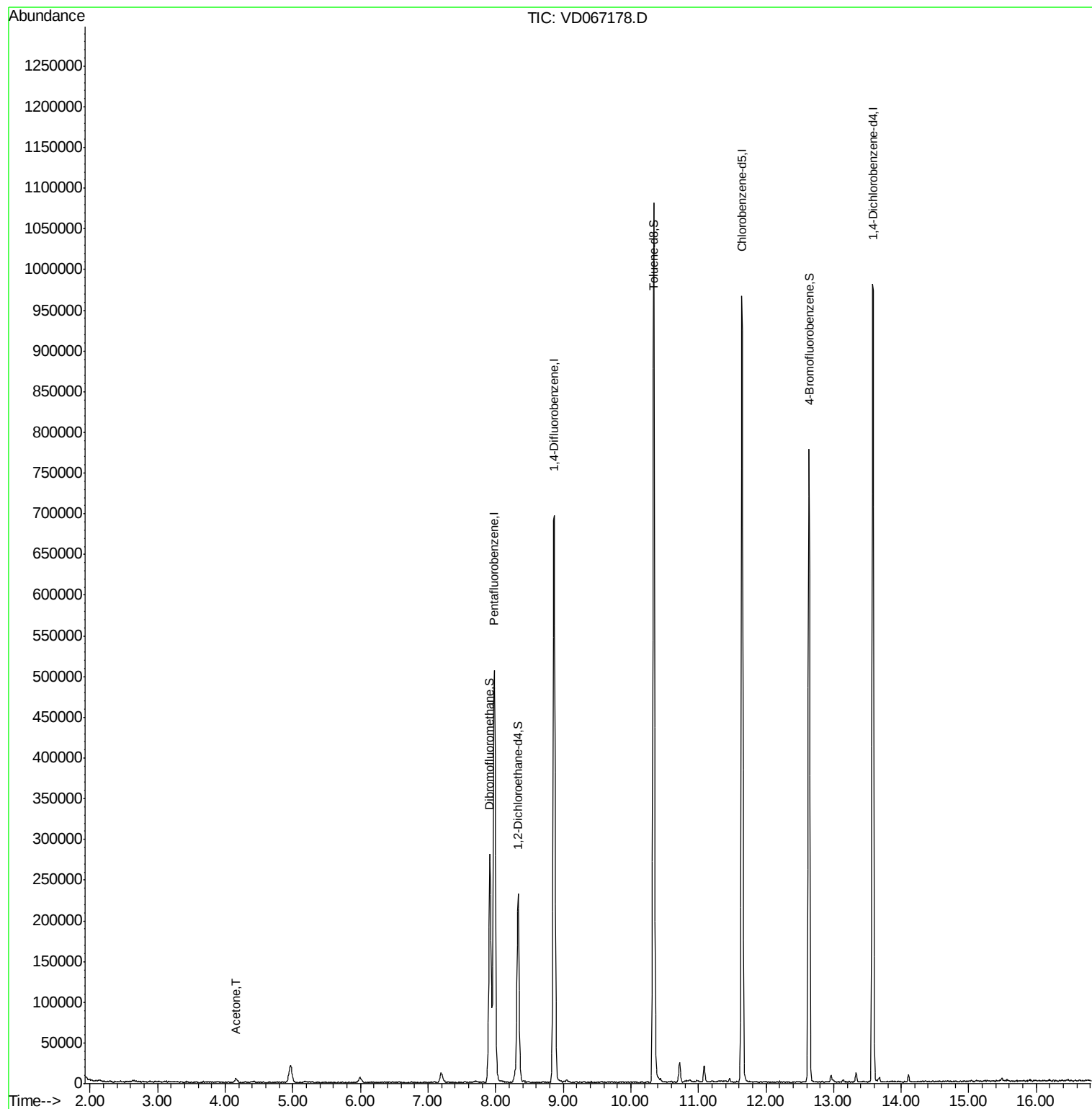
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	635036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	586269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188646	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.92	113	201128	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.34	98	730878	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.64	95	248500	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	4.16	43	7840	13.490	ug/l	Qvalue 97

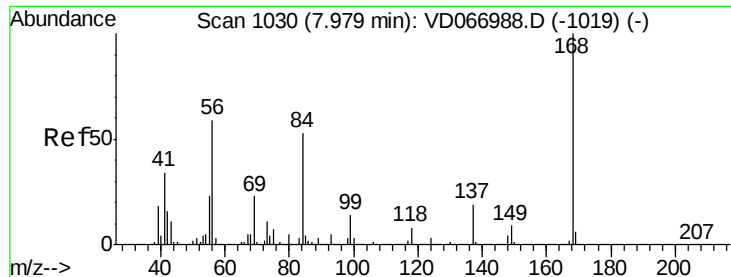
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067178.D

Acq: 08 Oct 2020 04:21

Instrument :

MSVOA_D

ClientSampleId :

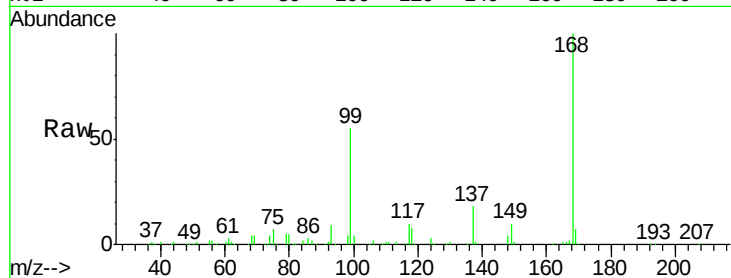
OWLS-HEAD-BH-04-B

Tot Ion:168 Resp: 395275

Ion Ratio Lower Upper

168 100

99 54.8 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

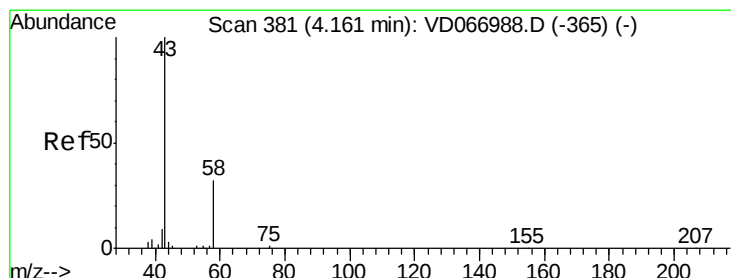
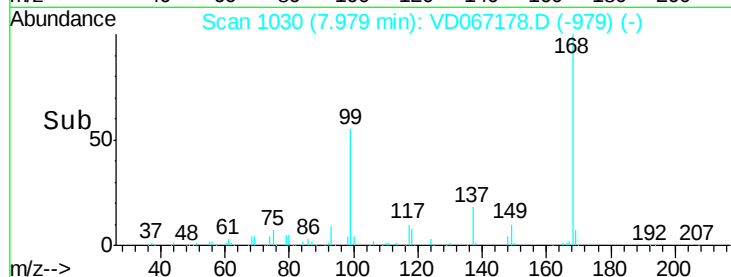
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.490 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067178.D

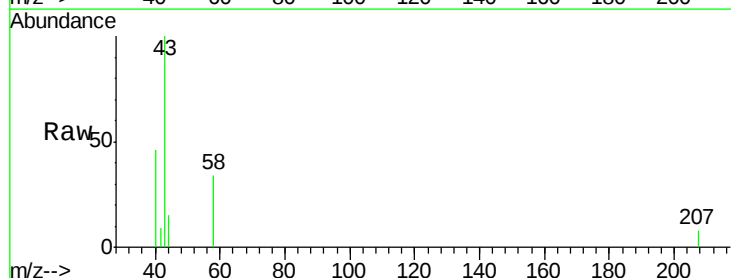
Acq: 08 Oct 2020 04:21

Tgt Ion: 43 Resp: 7840

Ion Ratio Lower Upper

43 100

58 34.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

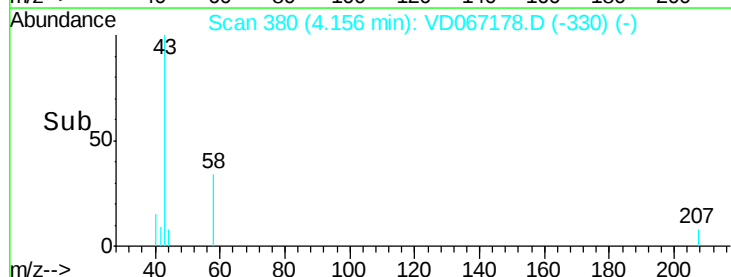
3000

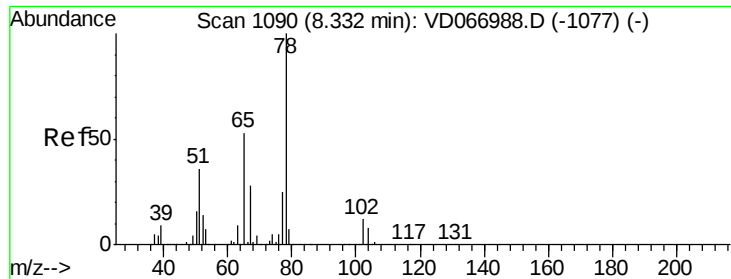
2000

1000

0

Time-->

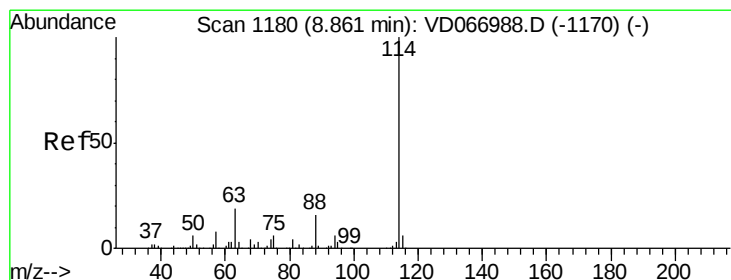
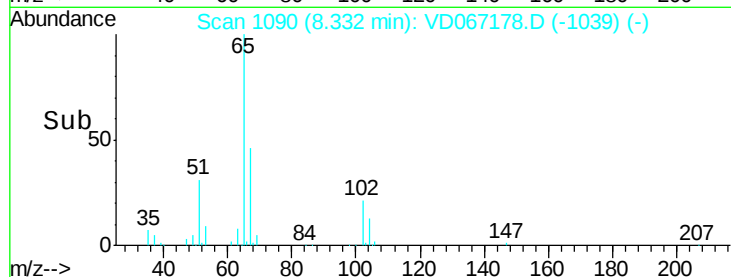
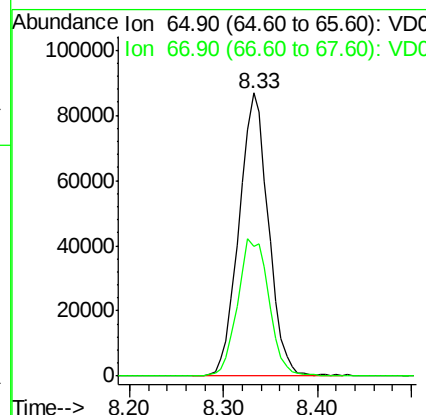
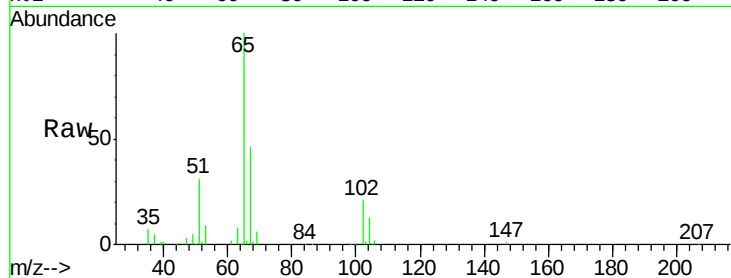




#33
 1,2-Dichloroethane-d4
 Concen: 49.549 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067178.D
 Acq: 08 Oct 2020 04:21

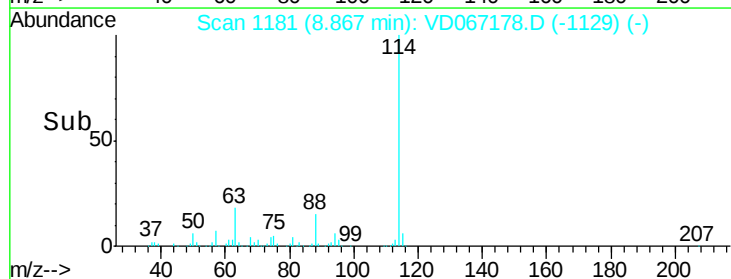
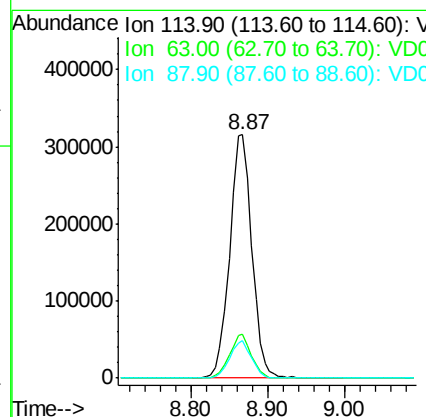
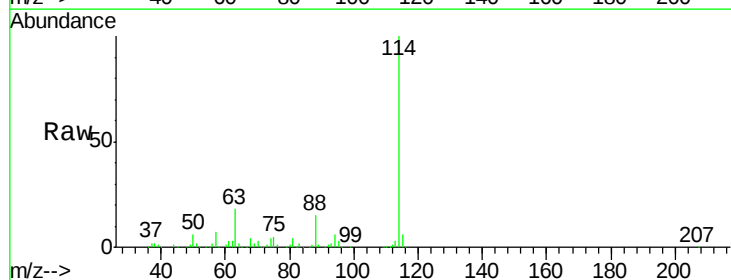
Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-04-B

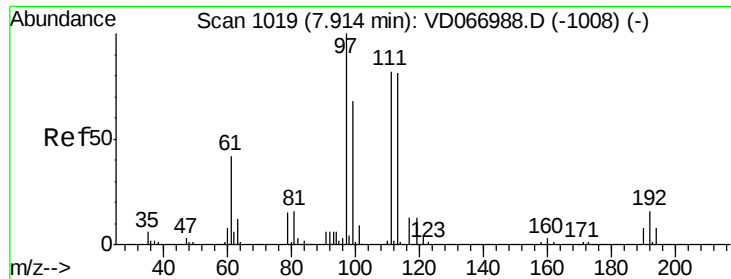
Tot Ion: 65 Resp: 188646
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067178.D
 Acq: 08 Oct 2020 04:21

Tgt Ion: 114 Resp: 635036
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 15.4 0.0 31.2

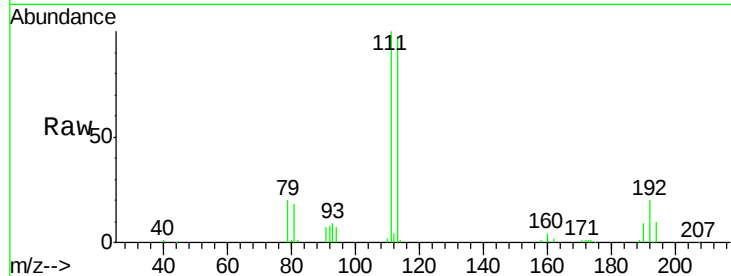




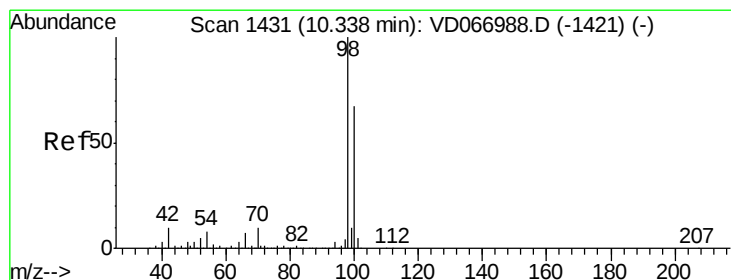
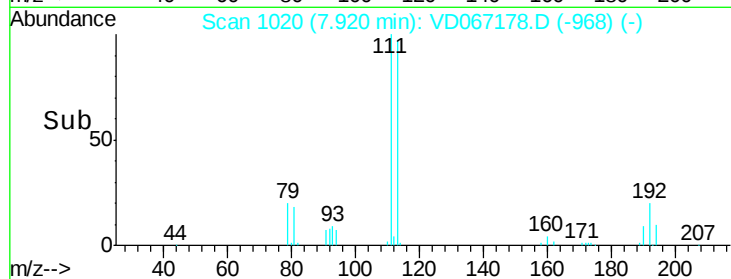
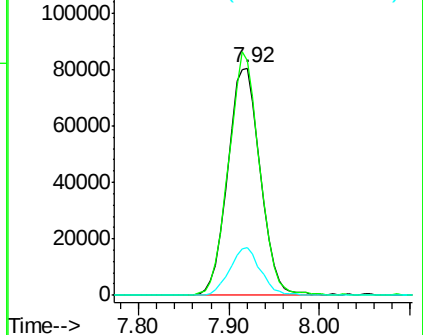
#35
 Dibromofluoromethane
 Concen: 48.378 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067178.D
 Acq: 08 Oct 2020 04:21

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.4
192	20.0	15.5	23.3

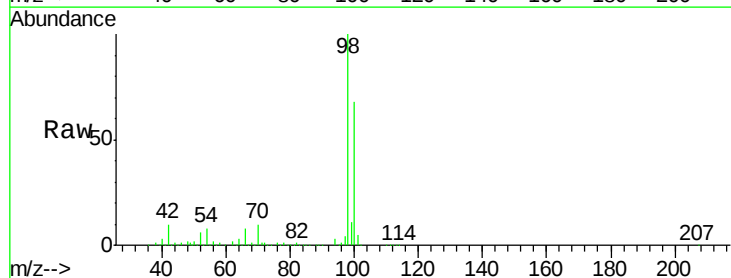


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

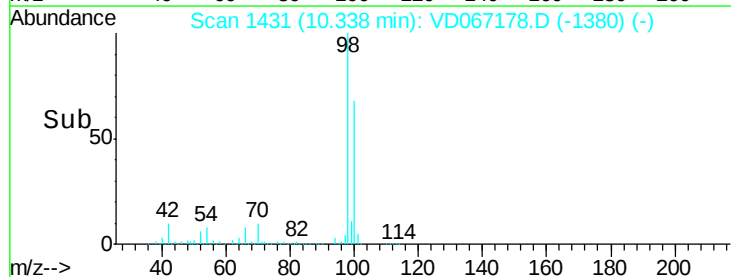
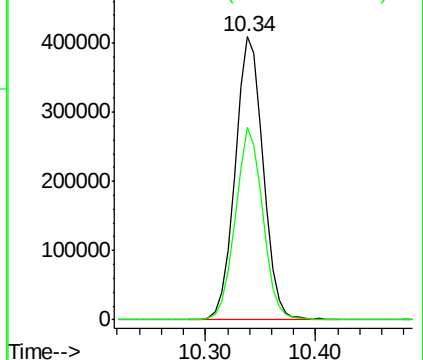


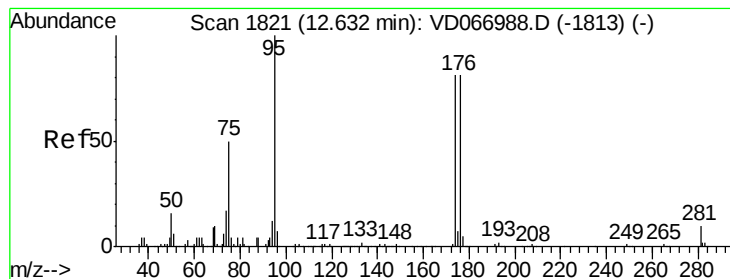
#50
 Toluene-d8
 Concen: 48.245 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067178.D
 Acq: 08 Oct 2020 04:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.320 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067178.D

Acq: 08 Oct 2020 04:21

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-04-B

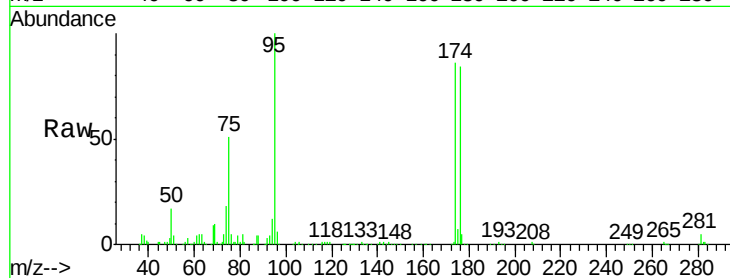
Tot Ion: 95 Resp: 248500

Ion Ratio Lower Upper

95 100

174 86.8 0.0 167.6

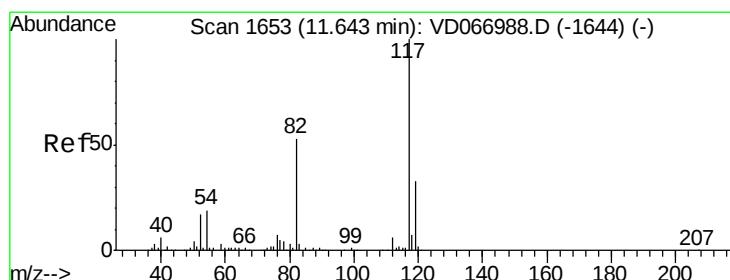
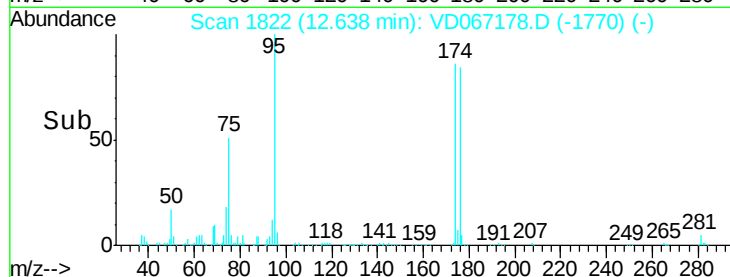
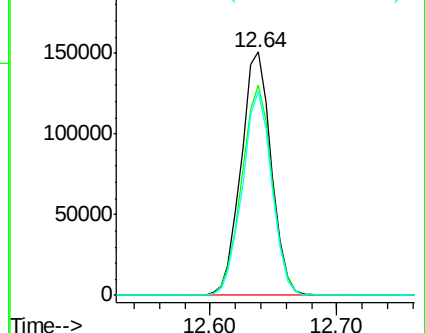
176 82.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD067178.D

Acq: 08 Oct 2020 04:21

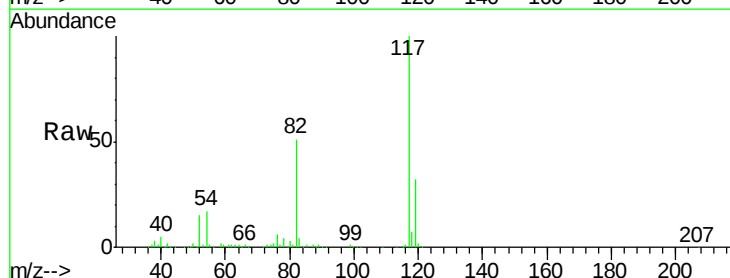
Tgt Ion: 117 Resp: 586269

Ion Ratio Lower Upper

117 100

82 51.0 42.6 63.8

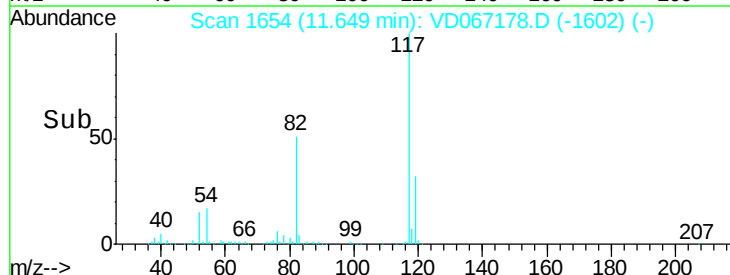
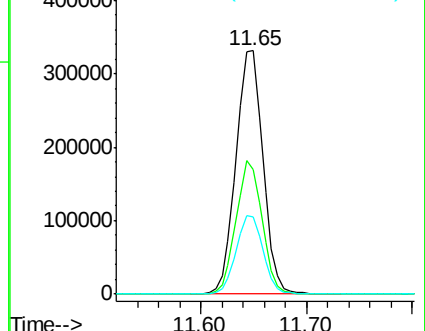
119 31.9 26.3 39.5

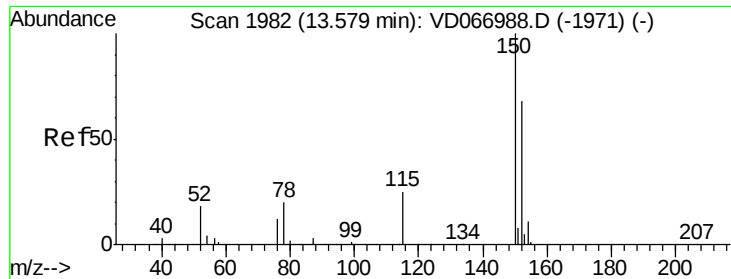


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067178.D

Acq: 08 Oct 2020 04:21

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-04-B

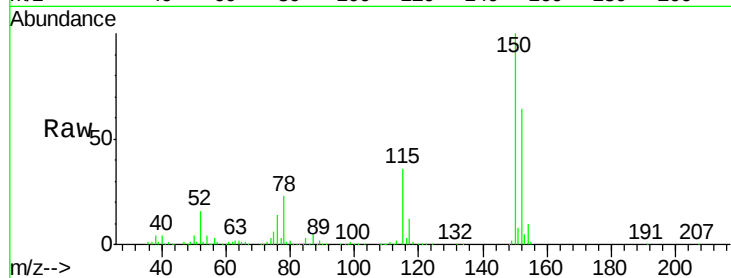
Tot Ion:152 Resp: 280581

Ion Ratio Lower Upper

152 100

115 58.8 29.6 88.8

150 157.5 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

