

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067177.D
 Acq On : 08 Oct 2020 03:53
 Operator : VA/SY
 Sample : L4309-03
 Misc : 3.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Oct 08 09:03:18 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

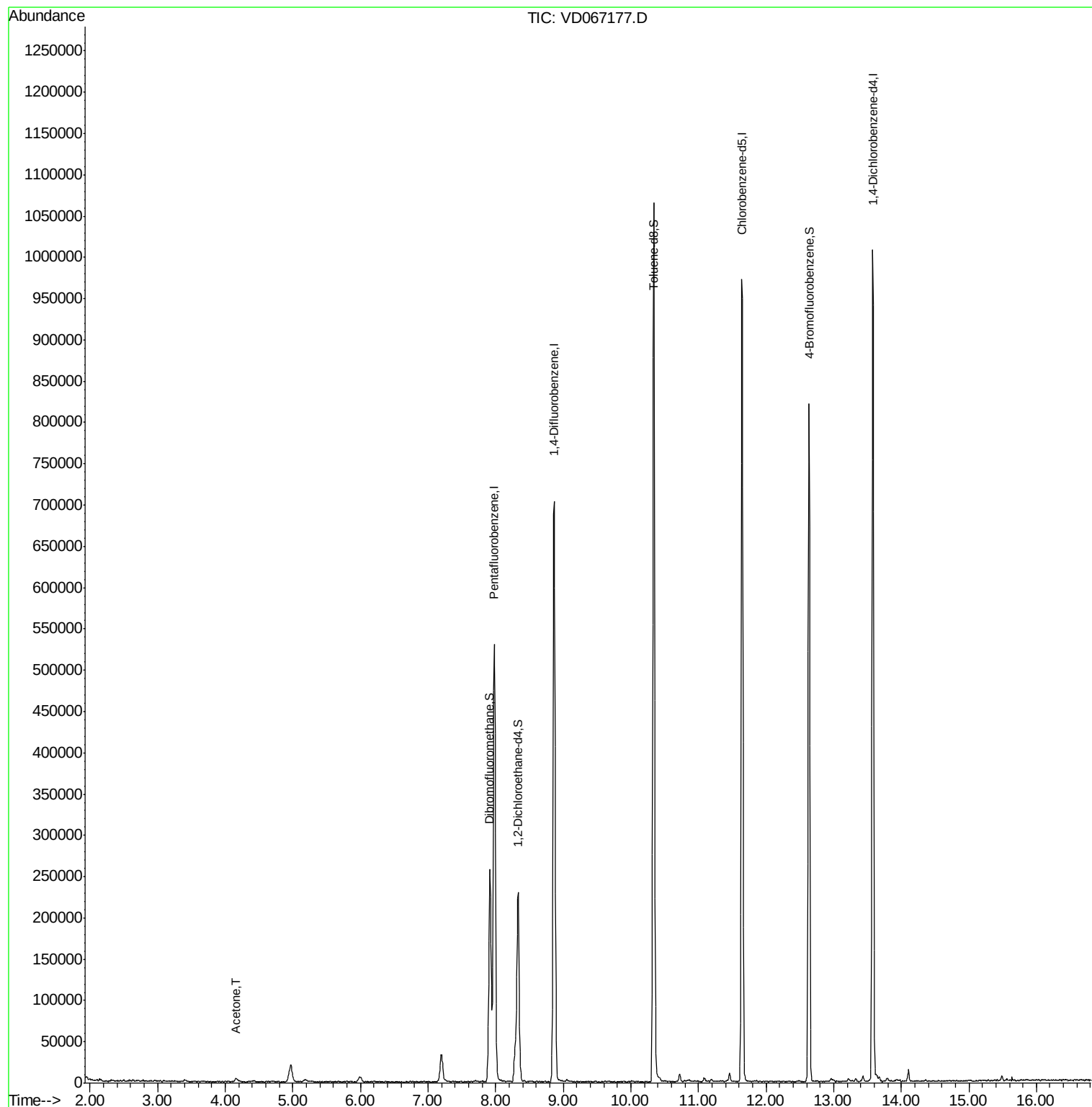
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	639211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	594161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	187996	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	7.92	113	184641	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
50) Toluene-d8	10.34	98	750788	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.64	95	253492	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
16) Acetone	4.16	43	7891	13.375	ug/l	Qvalue 93

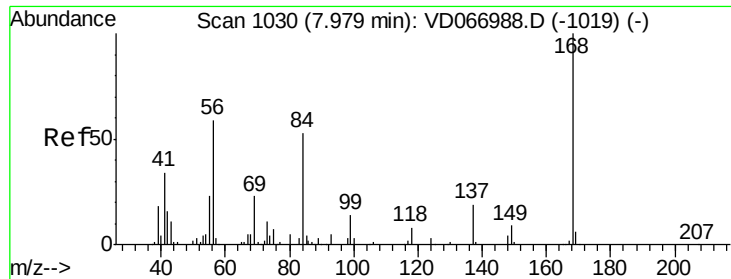
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067177.D

Acq: 08 Oct 2020 03:53

Instrument :

MSVOA_D

ClientSampleId :

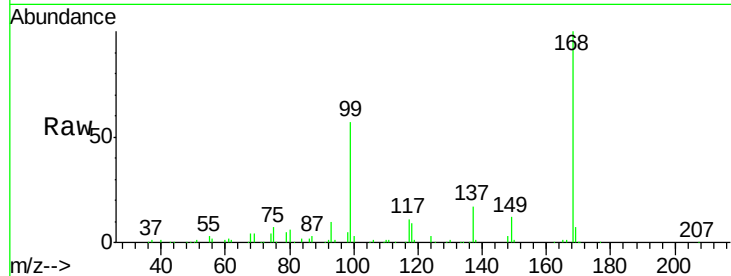
OWLS-HEAD-BH-04-A

Tot Ion:168 Resp: 401257

Ion Ratio Lower Upper

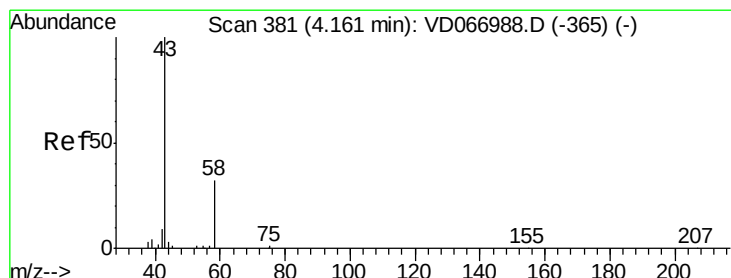
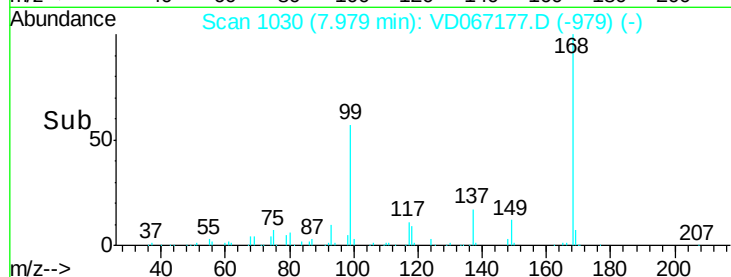
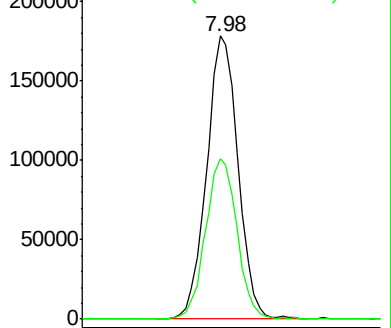
168 100

99 56.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.375 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067177.D

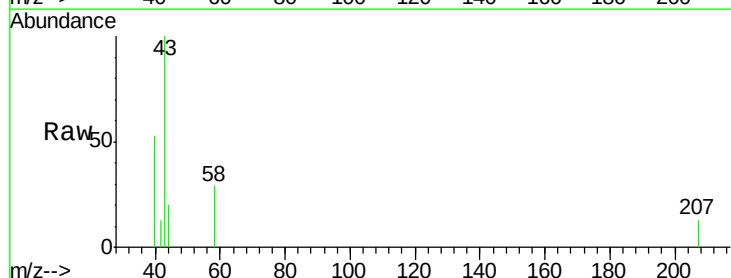
Acq: 08 Oct 2020 03:53

Tgt Ion: 43 Resp: 7891

Ion Ratio Lower Upper

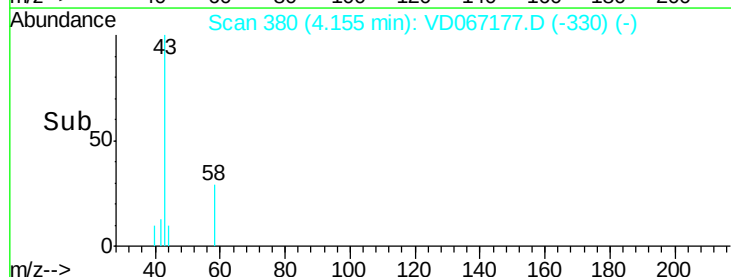
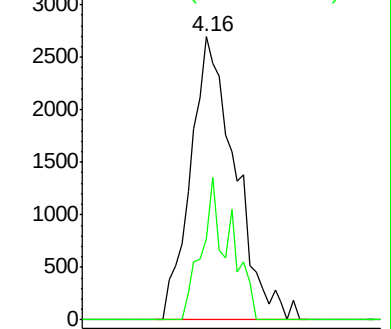
43 100

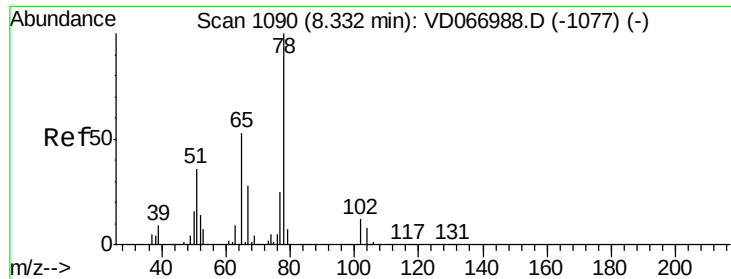
58 28.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

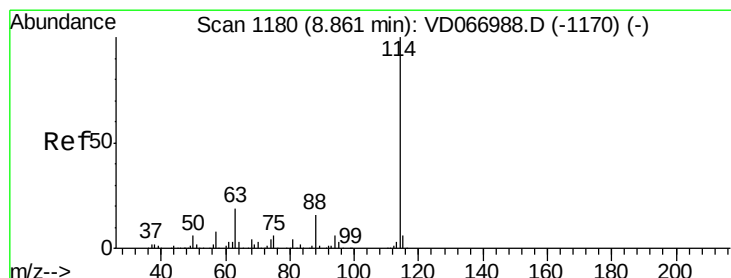
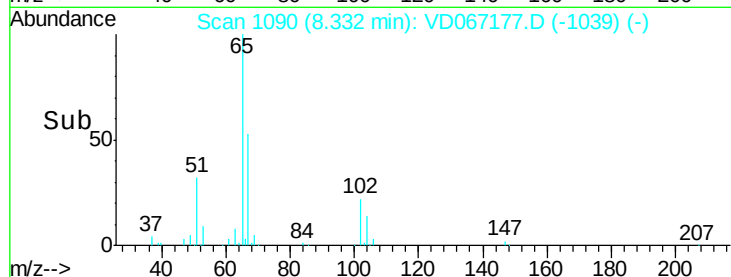
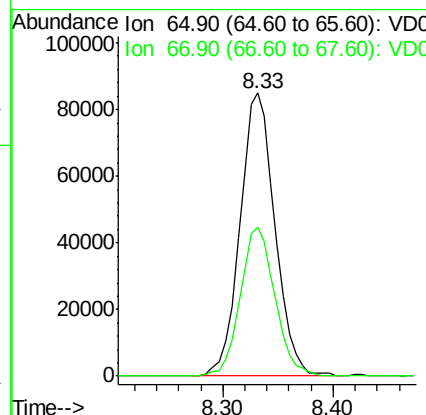
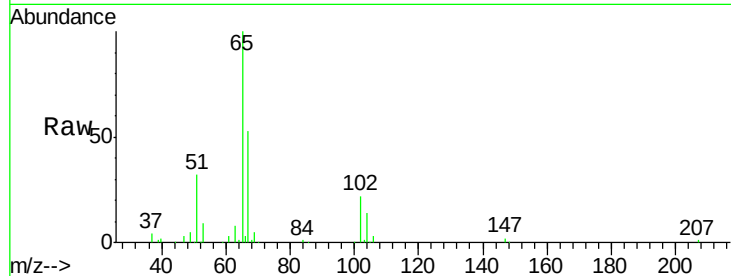




#33
 1,2-Dichloroethane-d4
 Concen: 48.642 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067177.D
 Acq: 08 Oct 2020 03:53

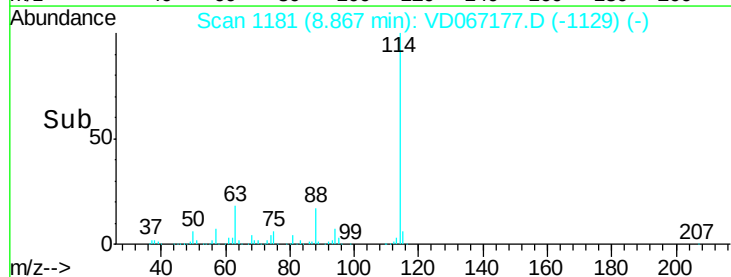
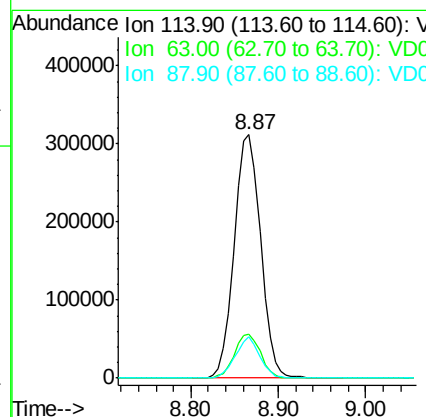
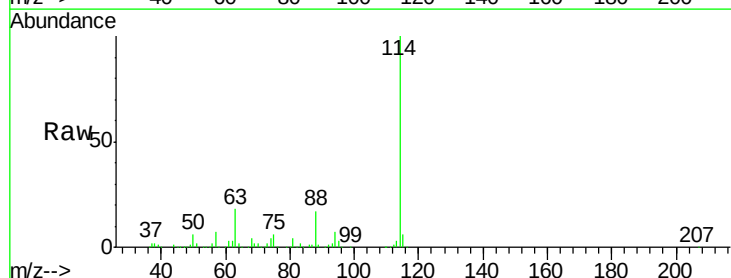
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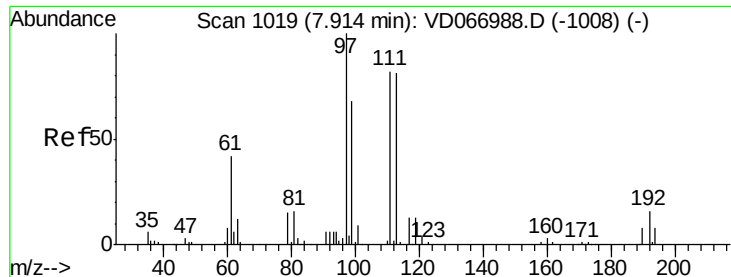
Tot Ion: 65 Resp: 187996
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067177.D
 Acq: 08 Oct 2020 03:53

Tgt Ion: 114 Resp: 639211
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 16.9 0.0 31.2

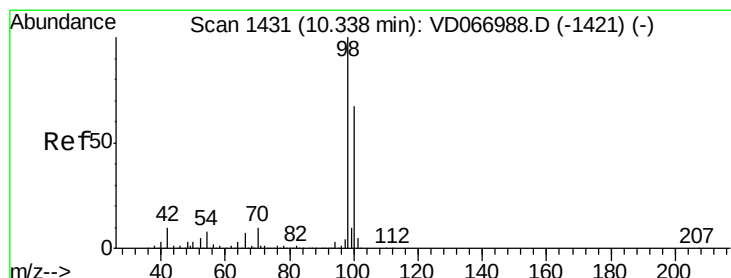
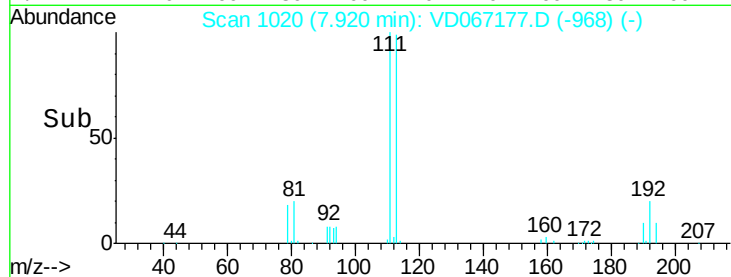
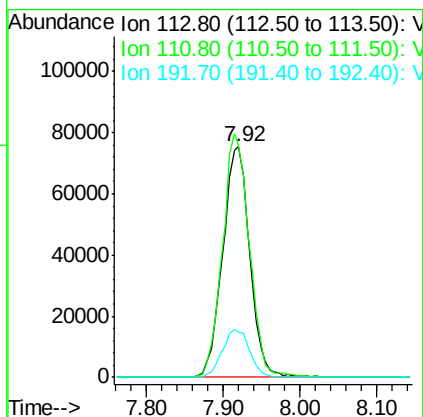
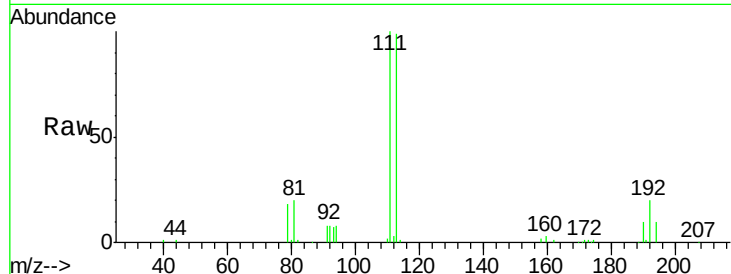




#35
 Dibromofluoromethane
 Concen: 44.122 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067177.D
 Acq: 08 Oct 2020 03:53

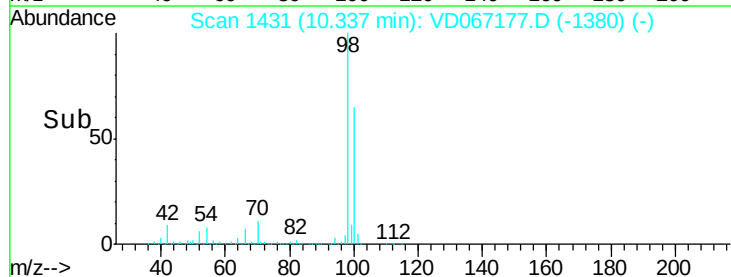
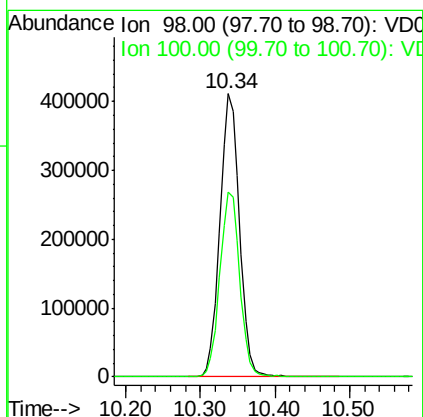
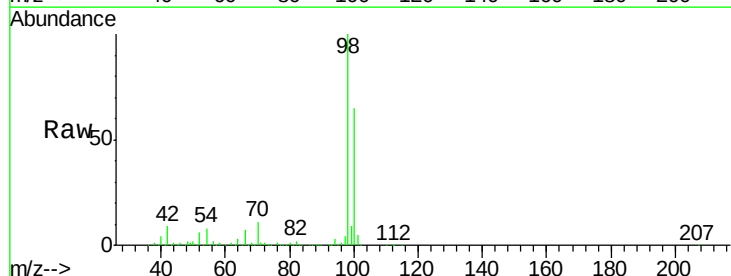
Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-04-A

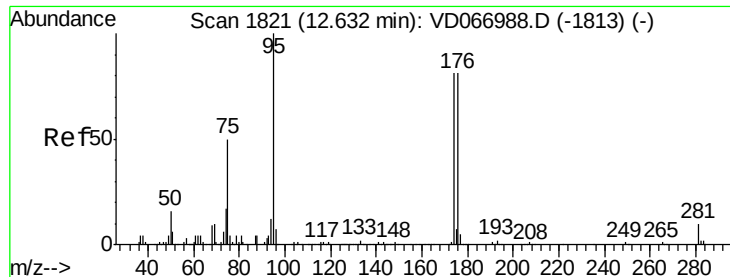
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.0	124.4
192	20.9	15.5	23.3



#50
 Toluene-d8
 Concen: 49.236 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD067177.D
 Acq: 08 Oct 2020 03:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 48.968 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067177.D

Acq: 08 Oct 2020 03:53

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-04-A

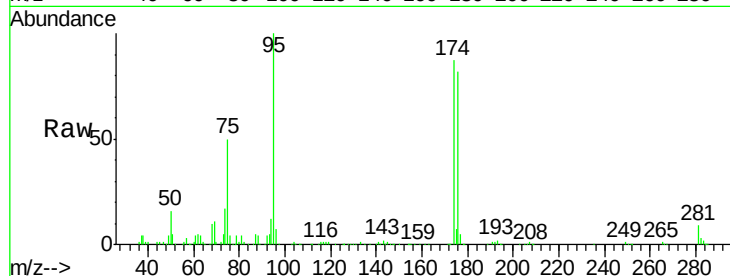
Tot Ion: 95 Resp: 253492

Ion Ratio Lower Upper

95 100

174 85.5 0.0 167.6

176 83.1 0.0 162.4

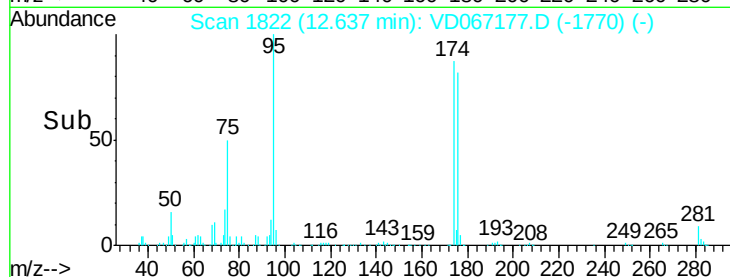


Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

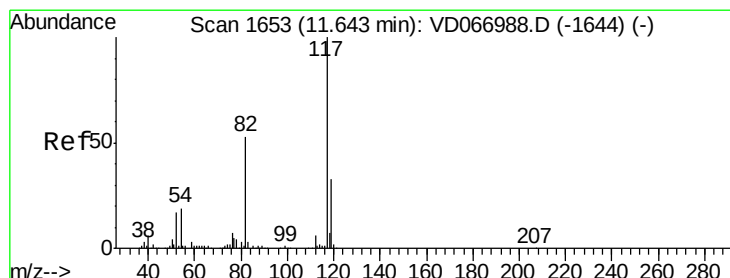
Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD067177.D

Acq: 08 Oct 2020 03:53

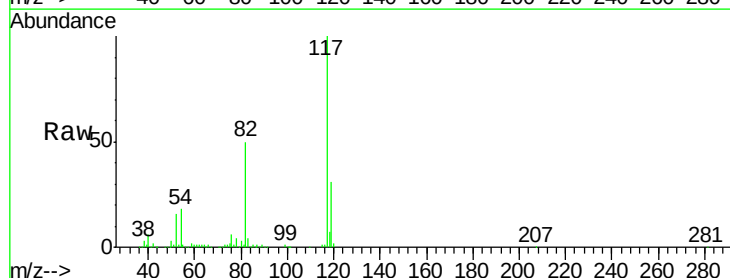
Tgt Ion: 117 Resp: 594161

Ion Ratio Lower Upper

117 100

82 50.3 42.6 63.8

119 31.4 26.3 39.5

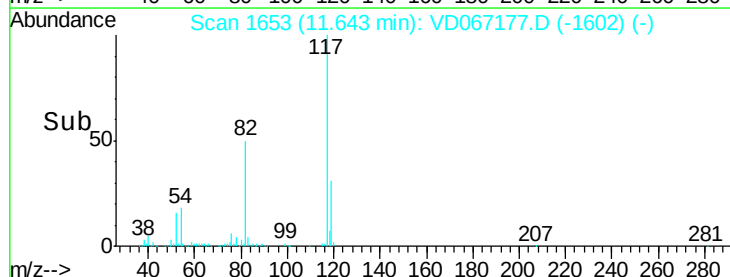


Abundance Ion 116.90 (116.60 to 117.60): VD066988.D (-1644) (-)

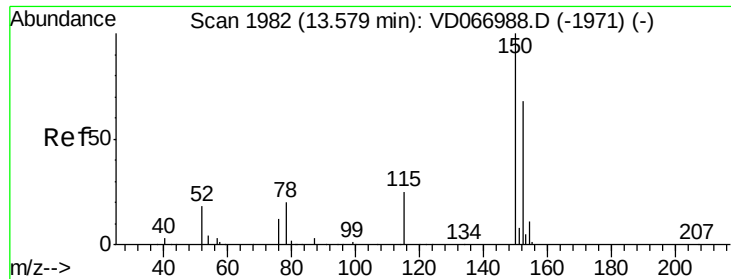
Ion 82.00 (81.70 to 82.70): VD066988.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066988.D (-1644) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067177.D

Acq: 08 Oct 2020 03:53

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-04-A

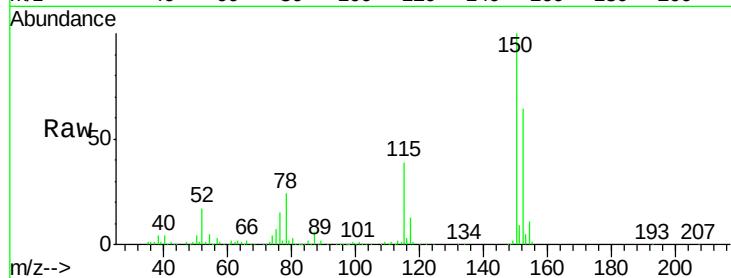
Tot Ion:152 Resp: 282716

Ion Ratio Lower Upper

152 100

115 59.6 29.6 88.8

150 154.4 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

