

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067179.D
 Acq On : 08 Oct 2020 04:48
 Operator : VA/SY
 Sample : L4309-05
 Misc : 4.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Oct 08 09:06:30 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	381246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	601447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	555950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	186974	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
35) Dibromofluoromethane	7.91	113	195571	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.34	98	698115	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.64	95	226509	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

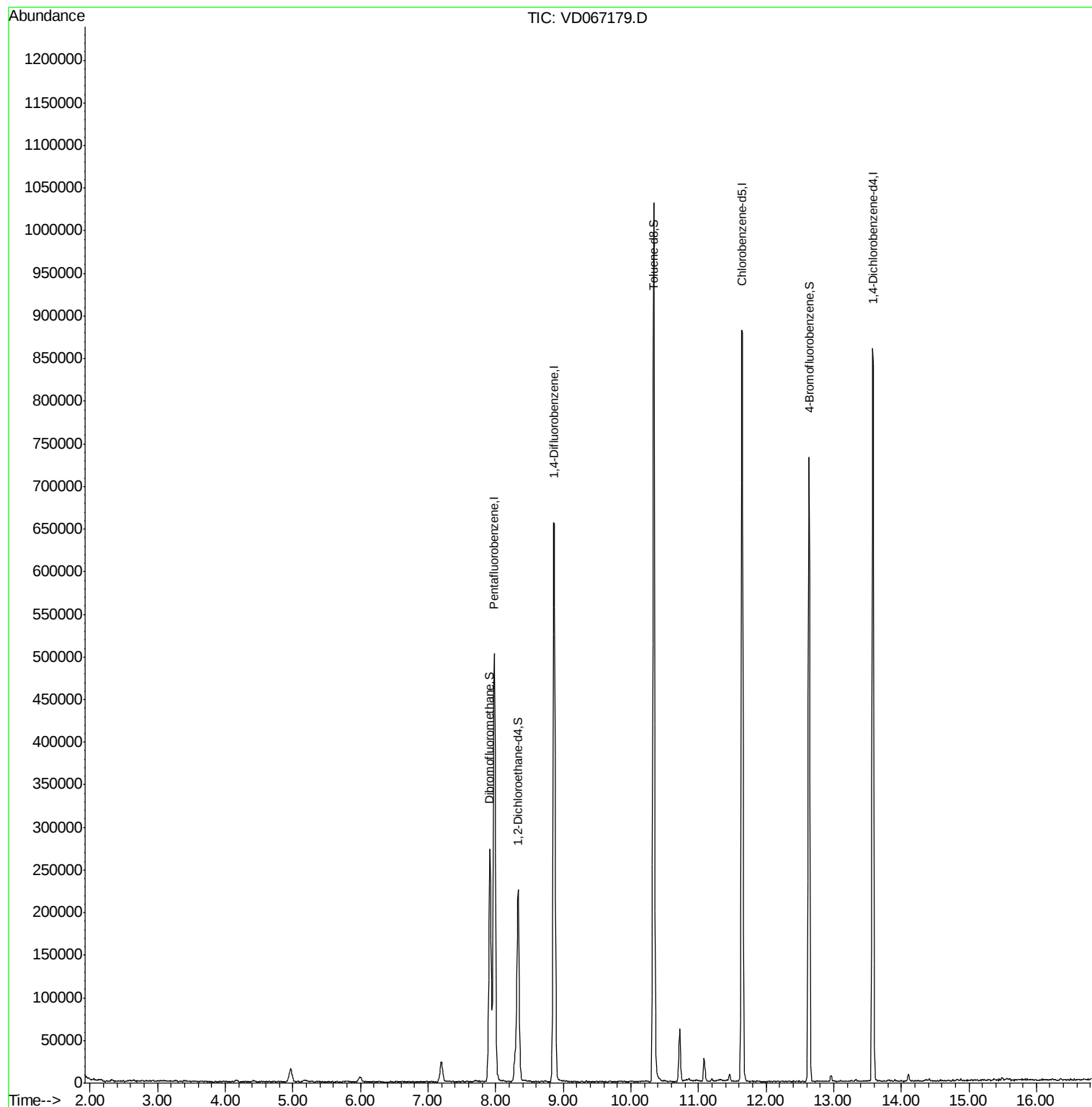
Target Compounds	Qvalue
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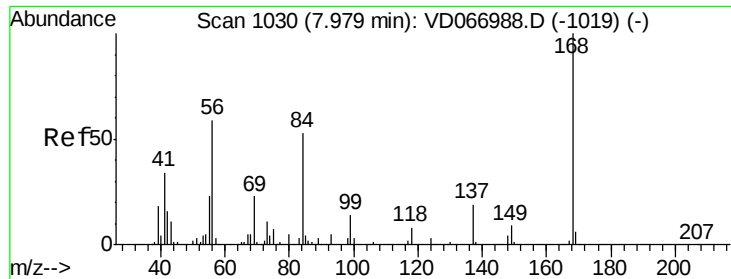
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067179.D

Acq: 08 Oct 2020 04:48

Instrument :

MSVOA_D

ClientSampleId :

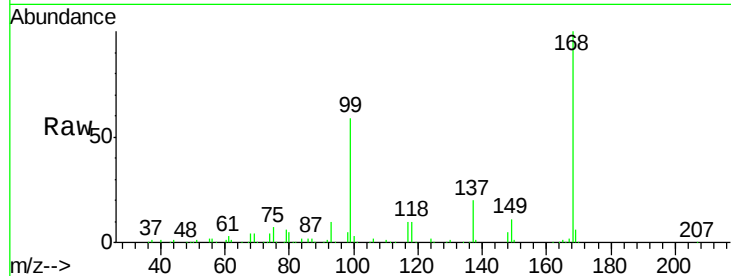
OWLS-HEAD-BH-05-A

Tot Ion:168 Resp: 381246

Ion Ratio Lower Upper

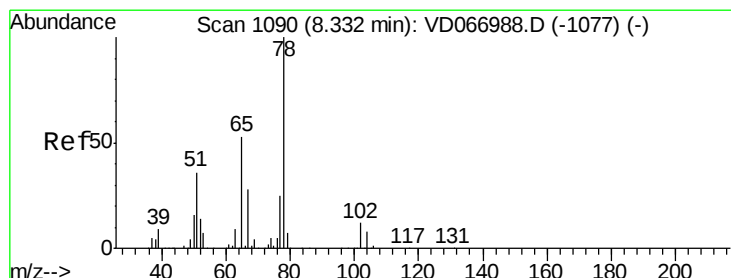
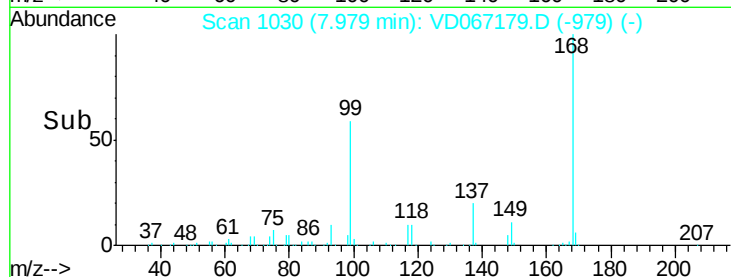
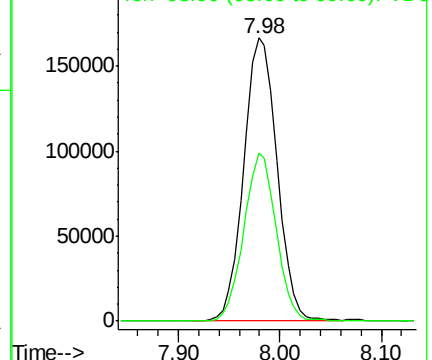
168 100

99 59.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.917 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067179.D

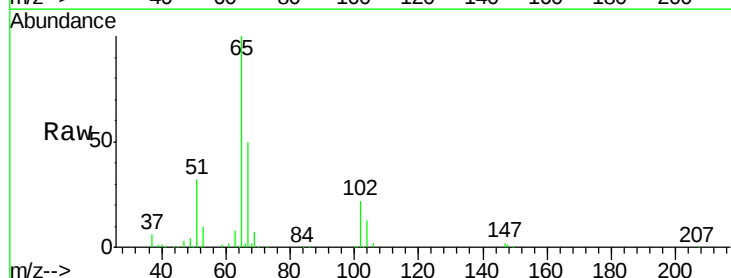
Acq: 08 Oct 2020 04:48

Tgt Ion: 65 Resp: 186974

Ion Ratio Lower Upper

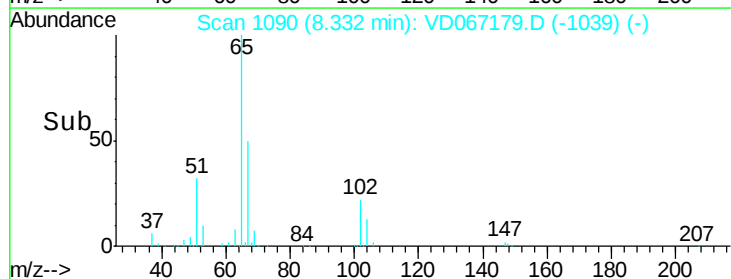
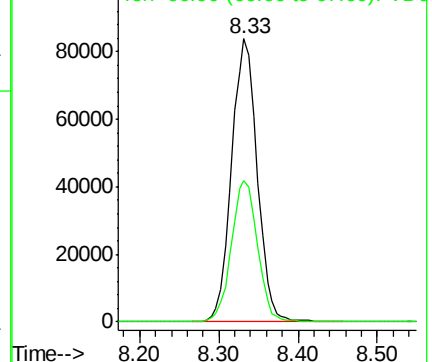
65 100

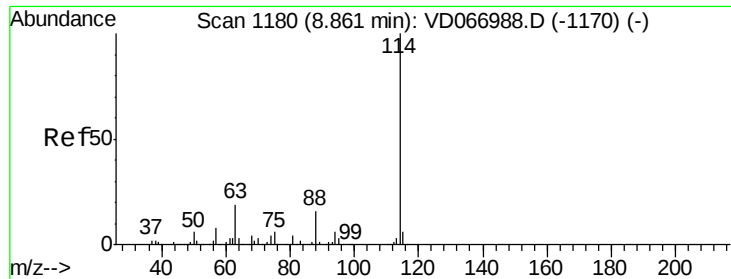
67 50.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

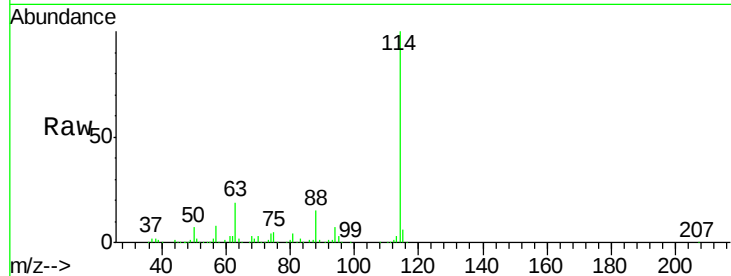




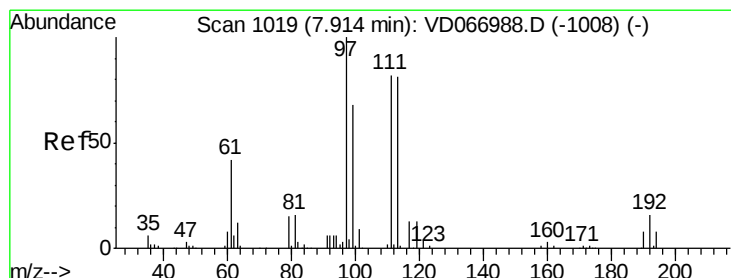
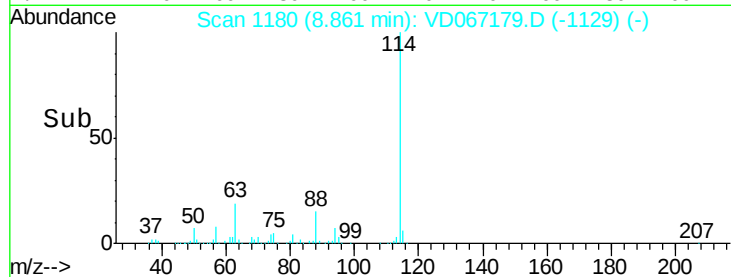
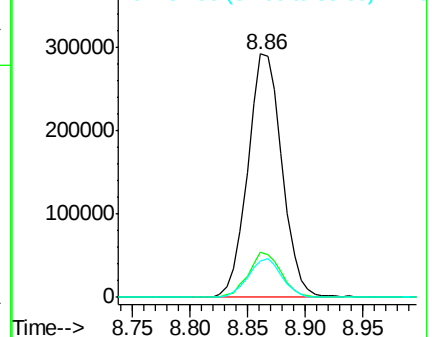
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067179.D
 Acq: 08 Oct 2020 04:48

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	15.1	0.0	31.2

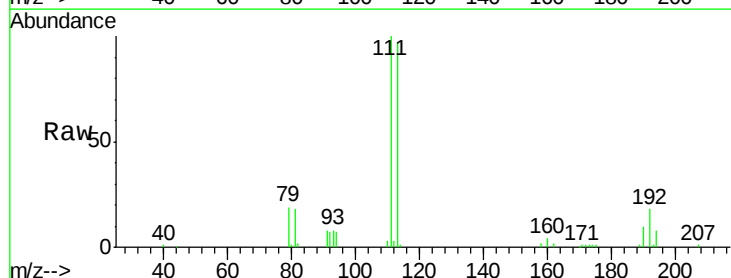


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

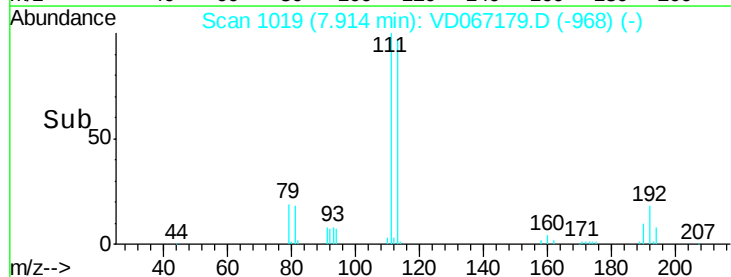
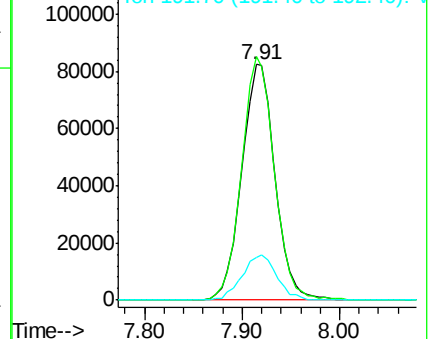


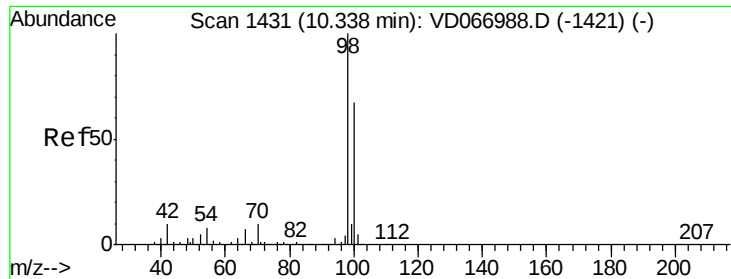
#35
 Dibromofluoromethane
 Concen: 49.668 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067179.D
 Acq: 08 Oct 2020 04:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	19.9	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

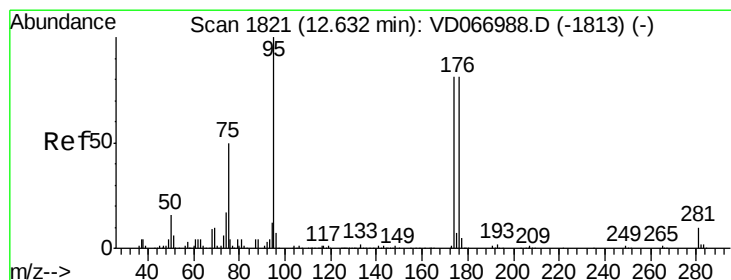
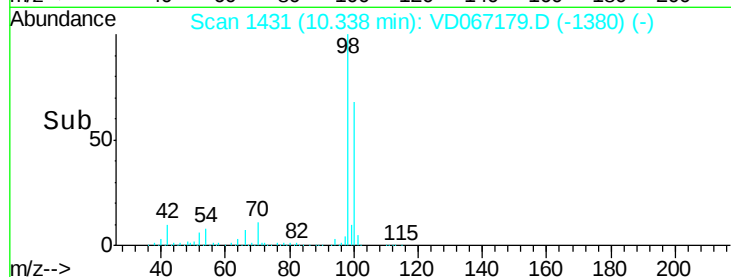
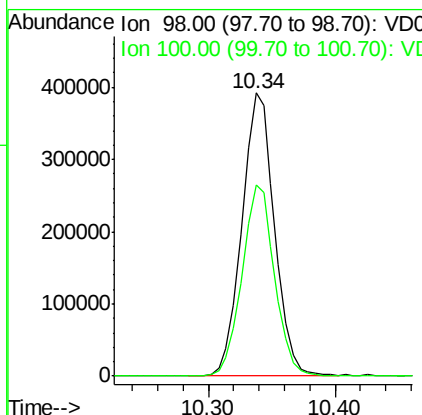
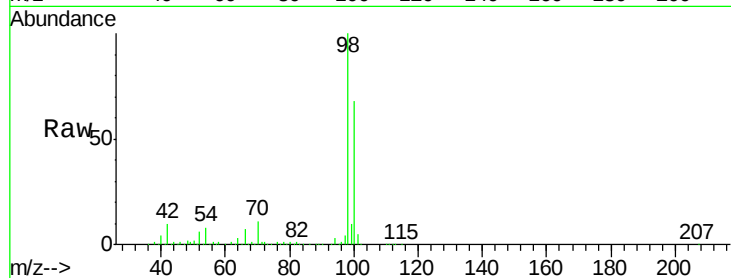




#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067179.D
Acq: 08 Oct 2020 04:48

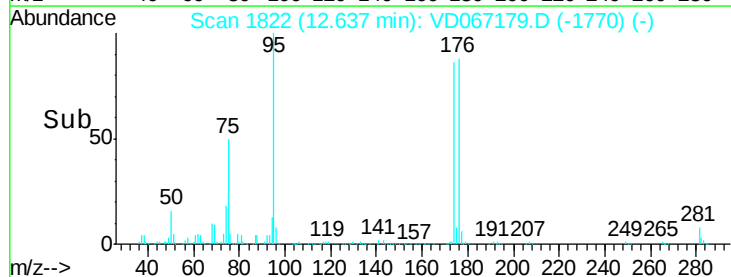
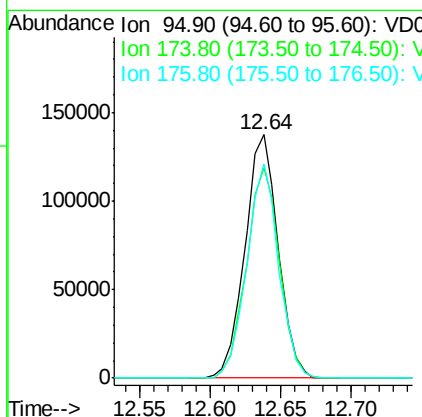
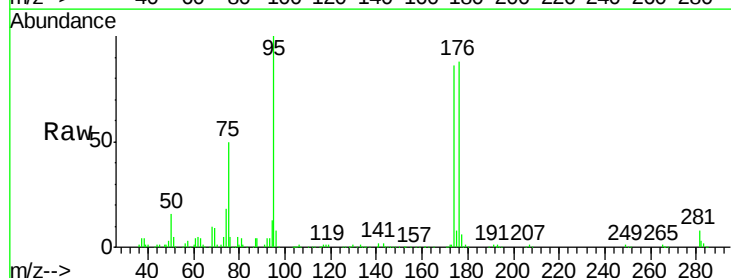
Instrument :
MSVOA_D
ClientSampleId :
OWLS-HEAD-BH-05-A

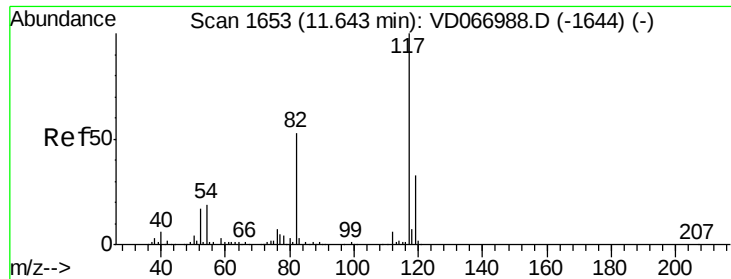
Tot Ion: 98 Resp: 698115
Ion Ratio Lower Upper
98 100
100 67.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.503 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067179.D
Acq: 08 Oct 2020 04:48

Tgt Ion: 95 Resp: 226509
Ion Ratio Lower Upper
95 100
174 86.7 0.0 167.6
176 84.5 0.0 162.4

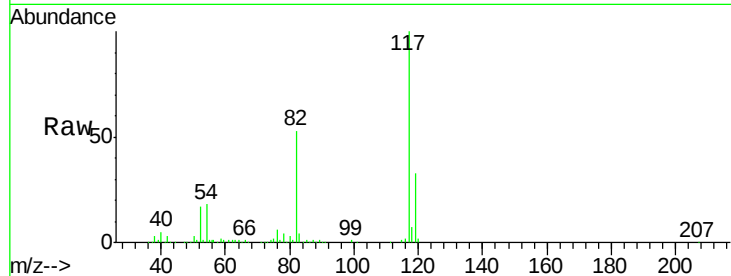




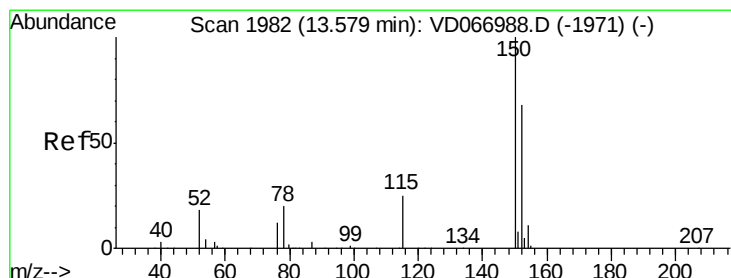
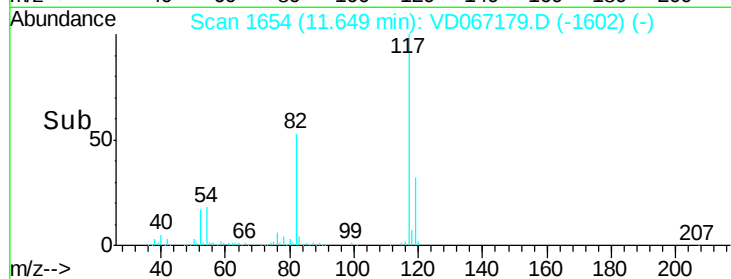
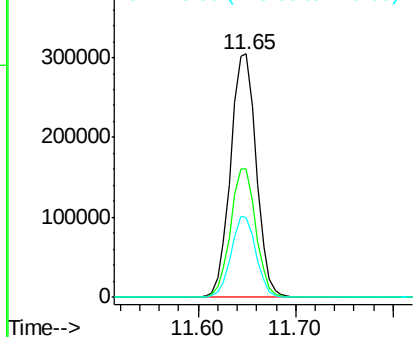
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067179.D
Acq: 08 Oct 2020 04:48

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

Tot Ion:117 Resp: 555950
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.6 26.3 39.5

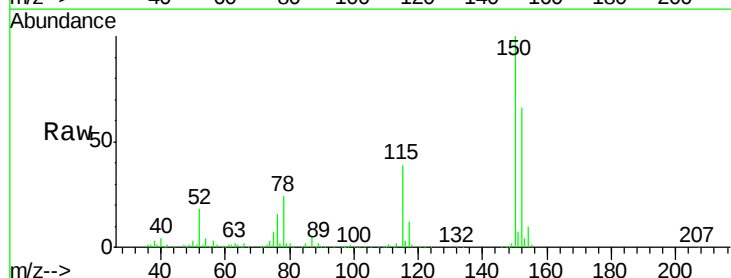


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067179.D
Acq: 08 Oct 2020 04:48

Tgt Ion:152 Resp: 246377
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 157.1 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

