

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069608.D
 Acq On : 07 Jul 2021 15:08
 Operator : VA/SY
 Sample : M2931-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-070221

Quant Time: Jul 08 01:06:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	439550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	953450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1074489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	340577	62.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.320%	
35) Dibromofluoromethane	7.914	113	354912	55.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.338	98	1287710	53.266	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.626	95	474475	59.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.400%	

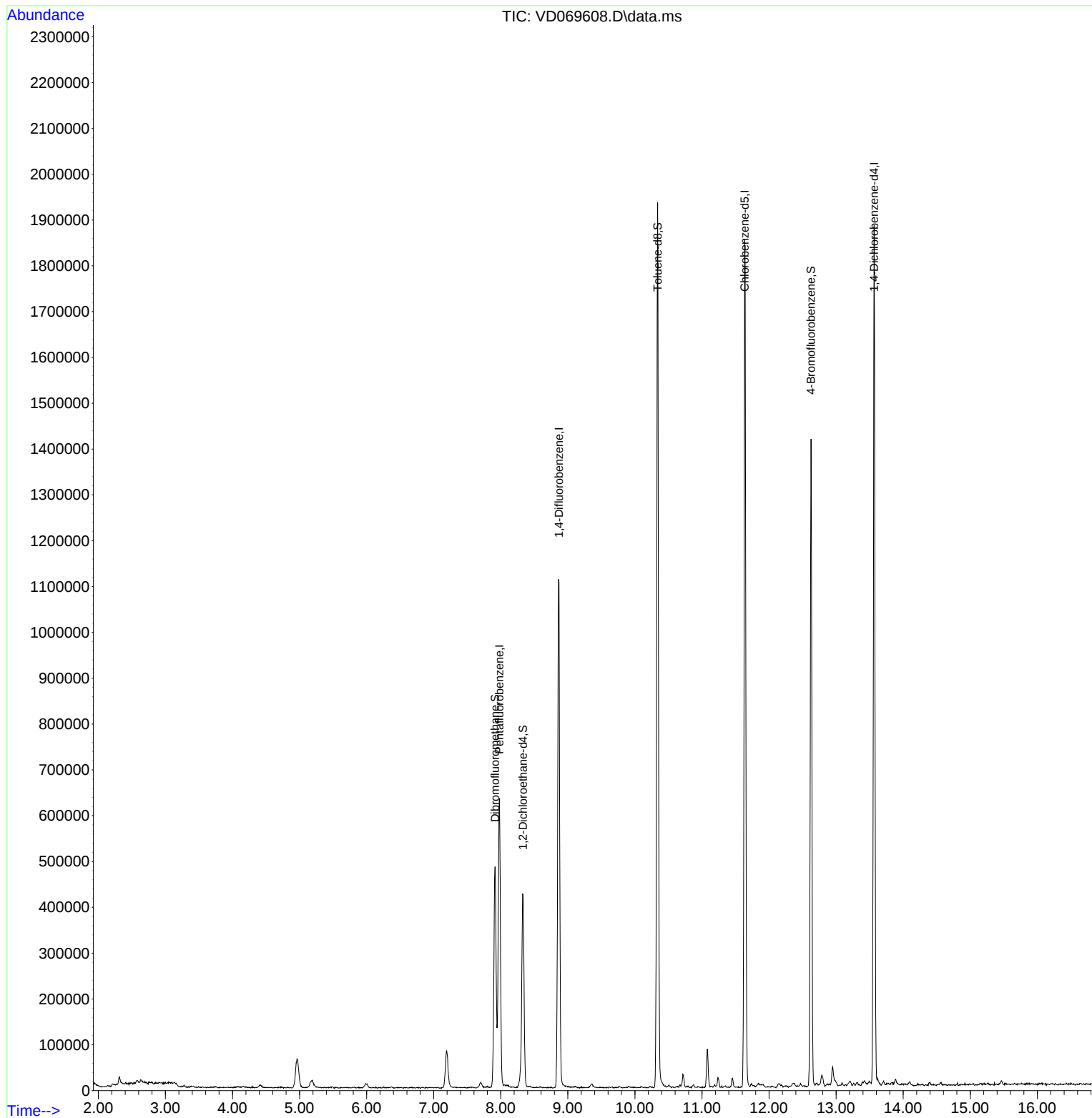
Target Compounds	Qvalue

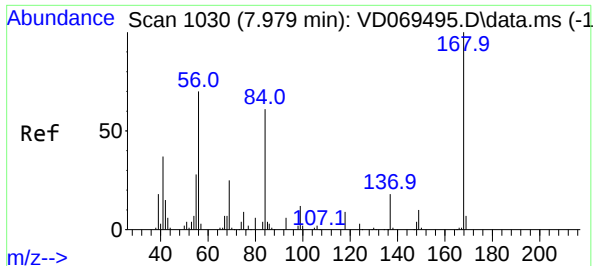
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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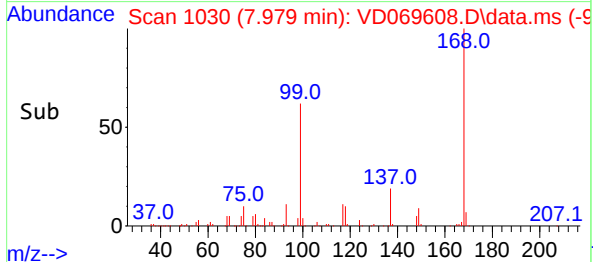
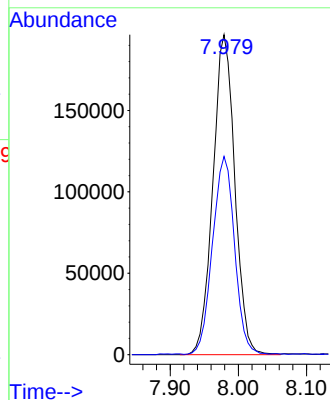
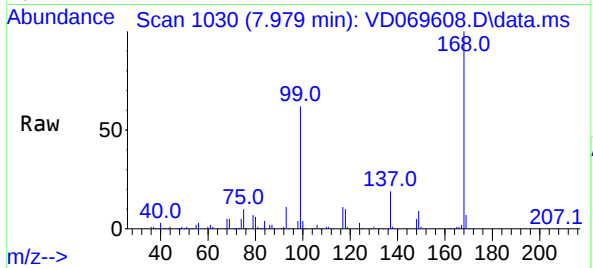




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

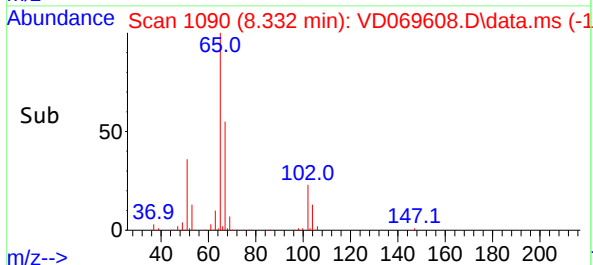
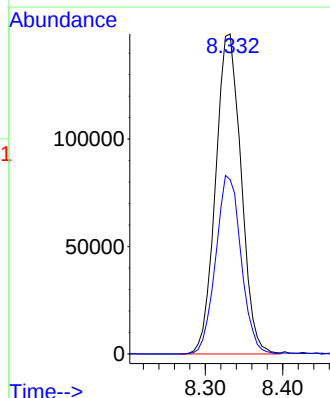
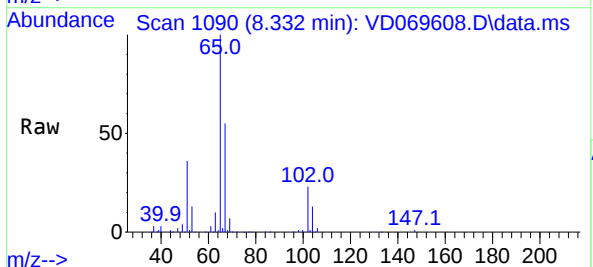
Instrument :
MSVOA_D
ClientSampleId :
HD-01-070221

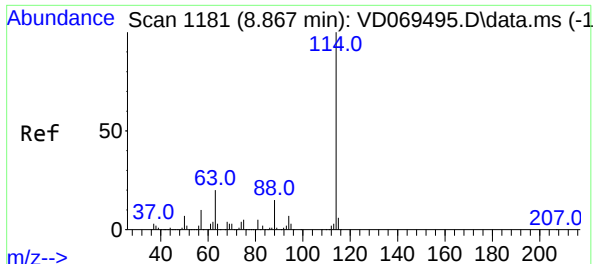
Tgt Ion:168 Resp: 439550
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 62.161 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

Tgt Ion: 65 Resp: 340577
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.6



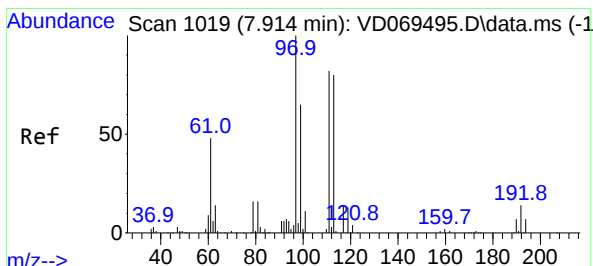
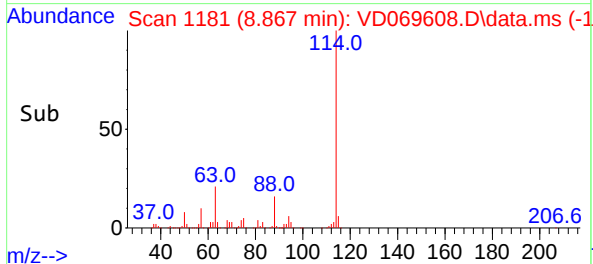
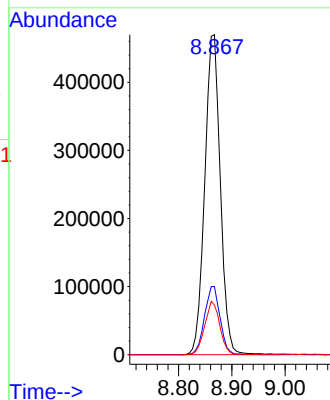
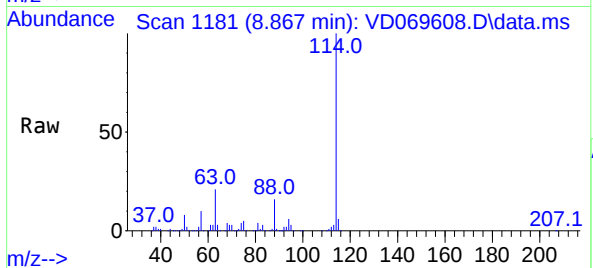


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

Instrument :
MSVOA_D
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HD-01-070221

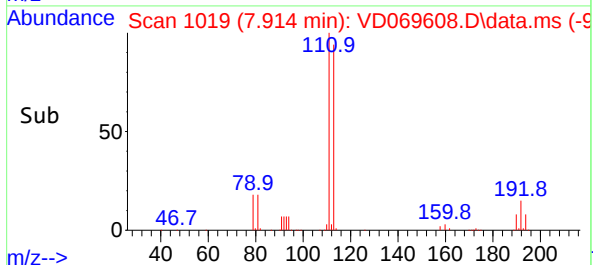
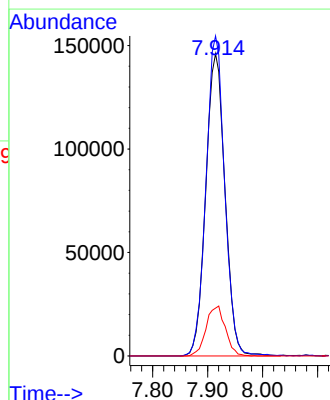
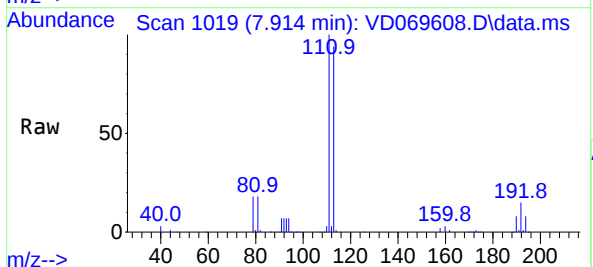
Tgt Ion:114 Resp: 953450
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.6
88 15.5 0.0 29.8

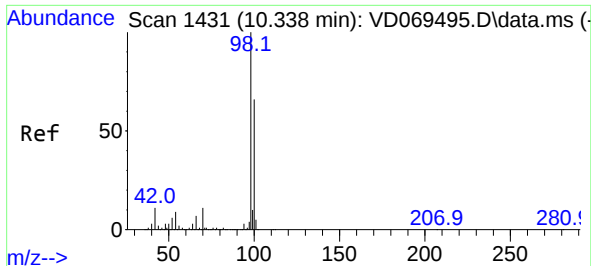


#35

Dibromofluoromethane
Concen: 55.067 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

Tgt Ion:113 Resp: 354912
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 16.6 13.8 20.6

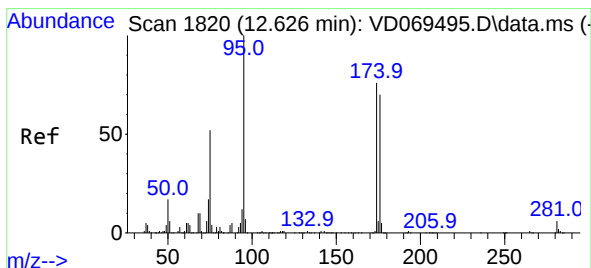
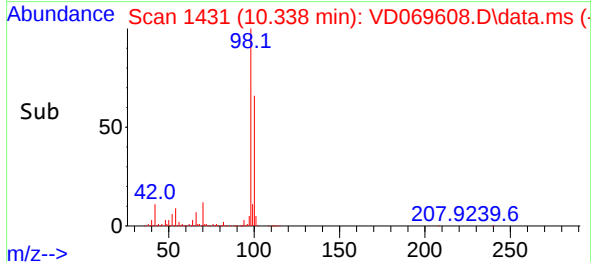
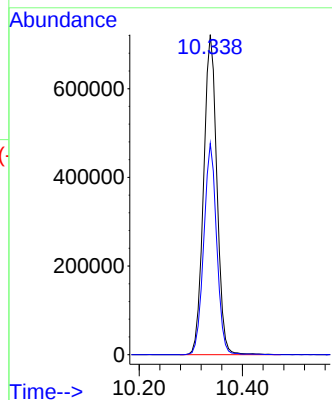
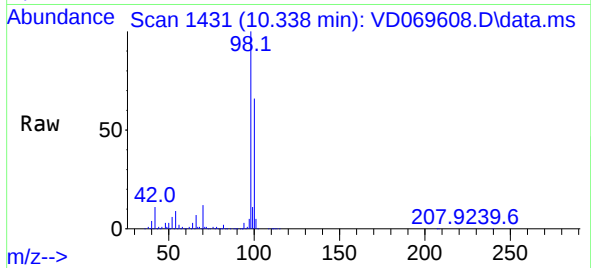




#50
Toluene-d8
Concen: 53.266 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

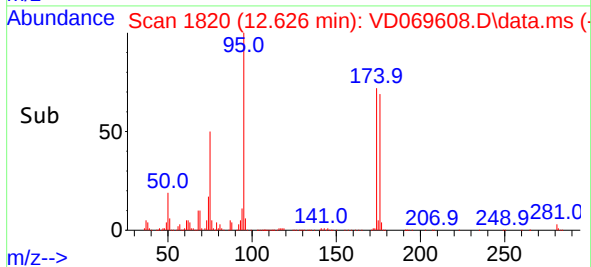
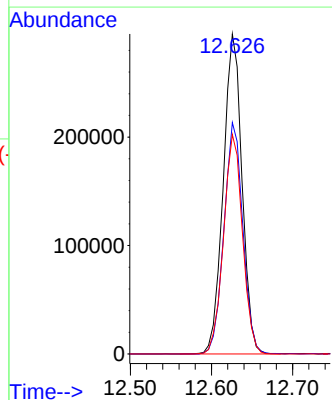
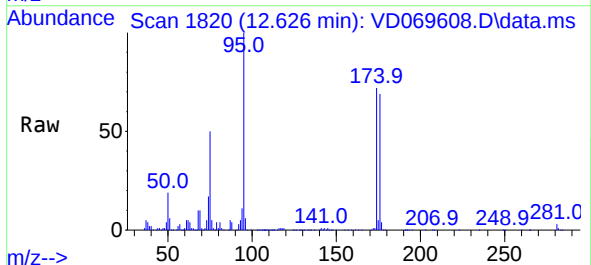
Instrument :
MSVOA_D
ClientSampleId :
HD-01-070221

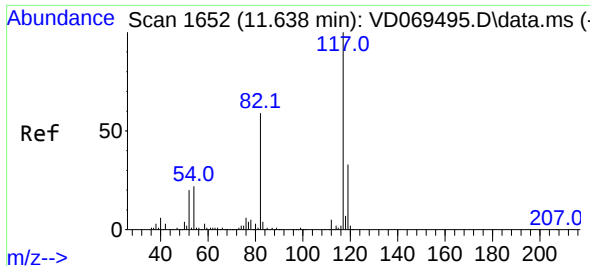
Tgt Ion: 98 Resp: 1287710
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.699 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

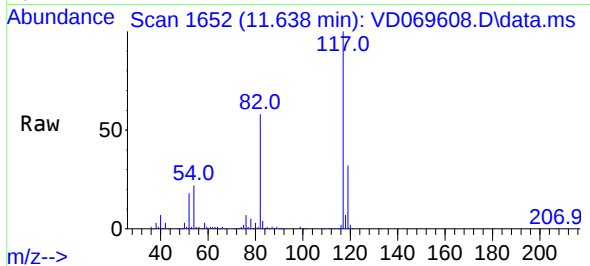
Tgt Ion: 95 Resp: 474475
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 69.3 0.0 139.8





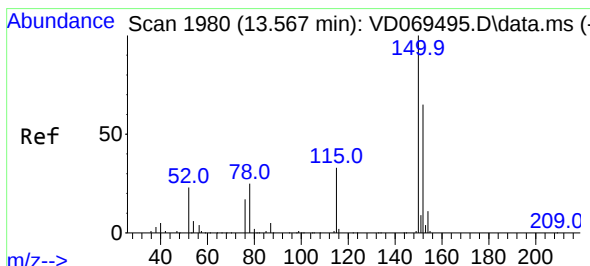
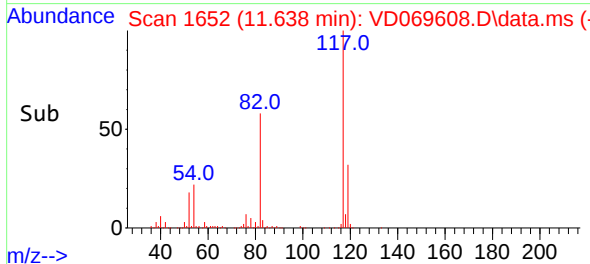
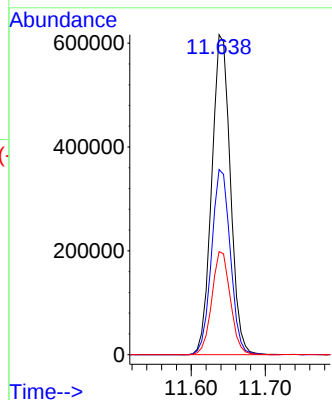
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

Instrument :
MSVOA_D
ClientSampleId :
HD-01-070221



Tgt Ion:117 Resp: 1074489

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.8	70.2
119	32.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069608.D
Acq: 07 Jul 2021 15:08

Tgt Ion:152 Resp: 470393

Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.7	95.1
150	158.2	0.0	350.8

