

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070561.D
 Acq On : 04 Oct 2021 19:59
 Operator : VA/SY
 Sample : M4037-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100121RE

Quant Time: Oct 05 05:02:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	162412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	317731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	314137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	126648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131488	63.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.10%
35) Dibromofluoromethane	7.914	113	124706	55.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.28%
50) Toluene-d8	10.338	98	405322	49.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.72%
62) 4-Bromofluorobenzene	12.626	95	127450	44.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.82%

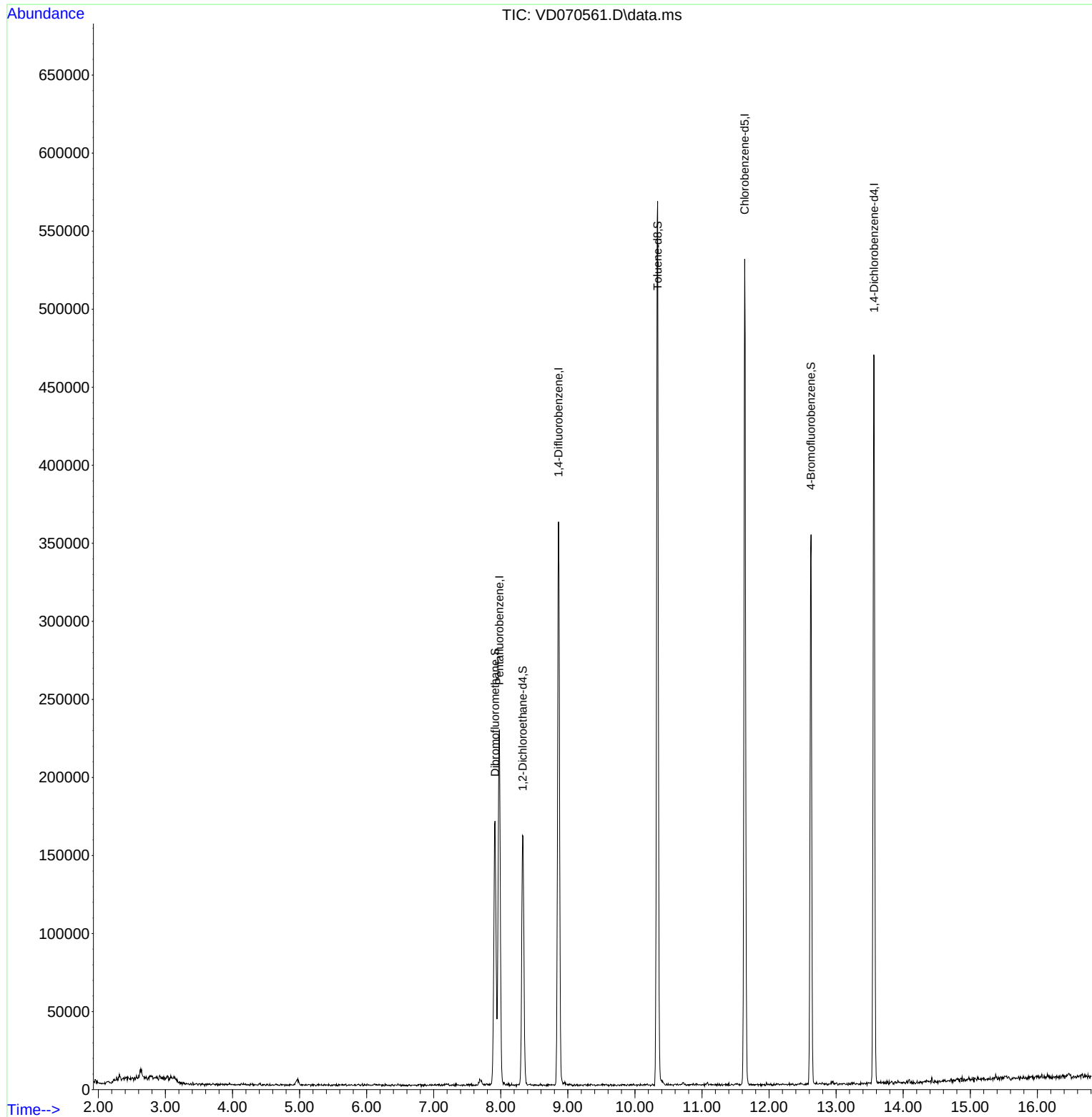
Target Compounds	Qvalue

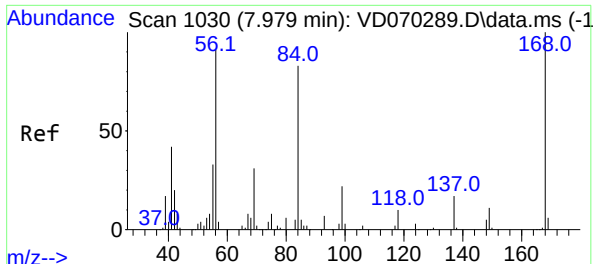
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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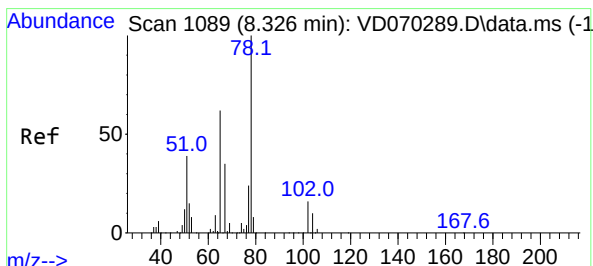
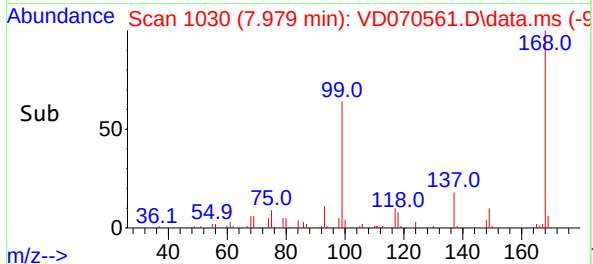
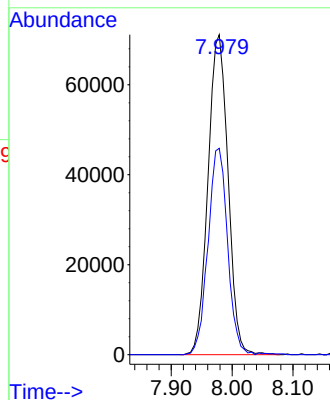
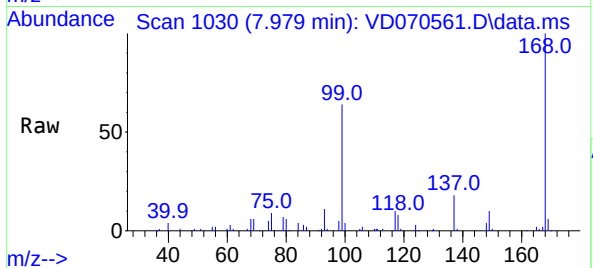




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

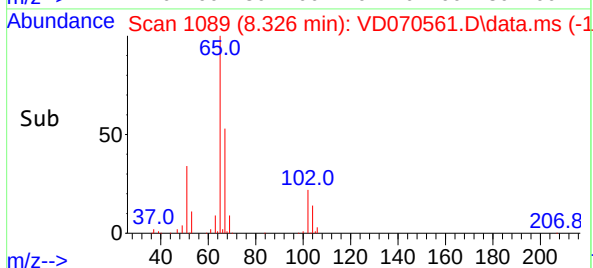
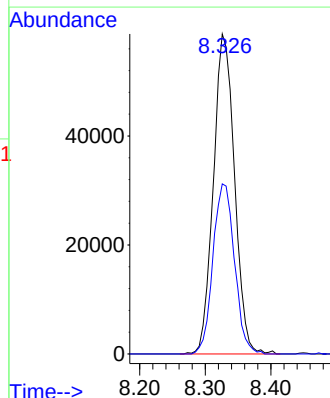
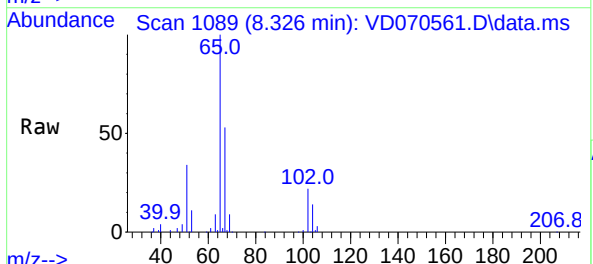
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

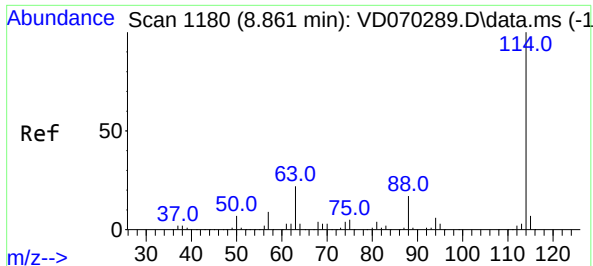
Tgt Ion:168 Resp: 162412
Ion Ratio Lower Upper
168 100
99 64.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 63.05 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 65 Resp: 131488
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4



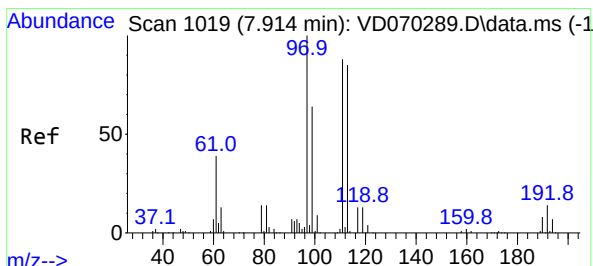
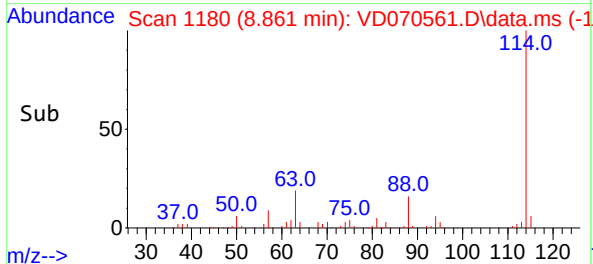
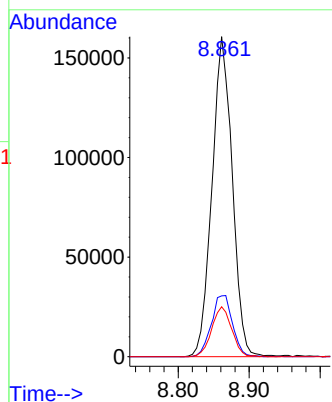
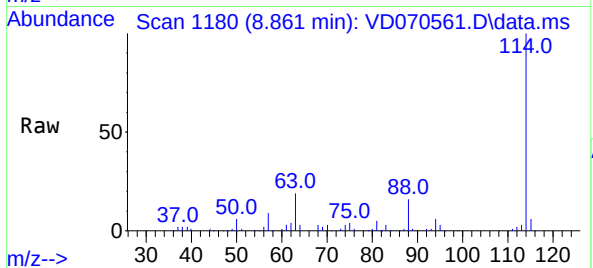


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070561.D
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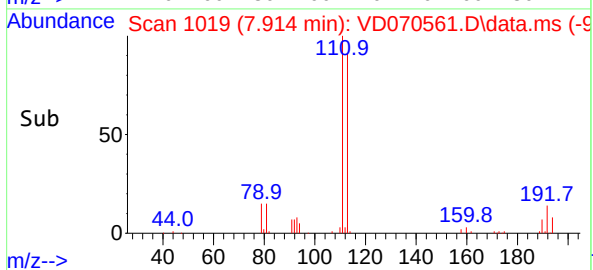
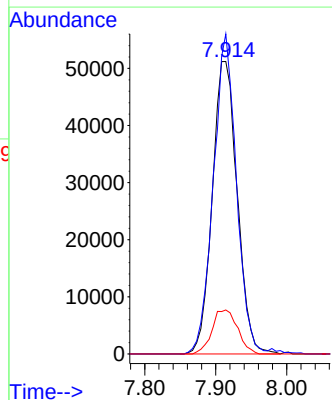
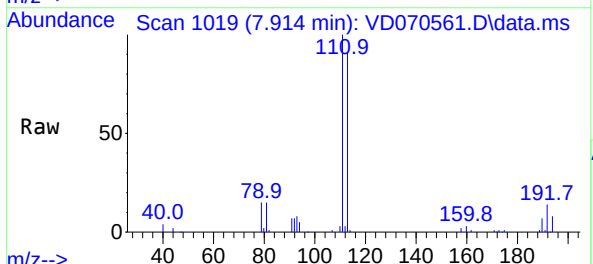
Tgt Ion:114 Resp: 317731
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.4
88 15.6 0.0 33.4

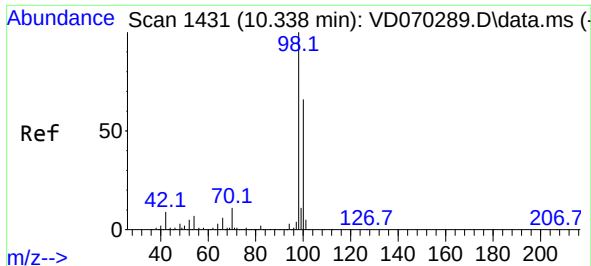


#35

Dibromofluoromethane
Concen: 55.14 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion:113 Resp: 124706
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 15.5 13.0 19.6

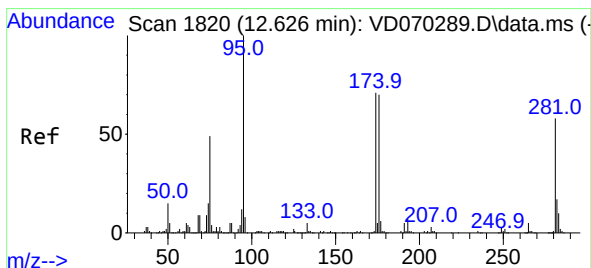
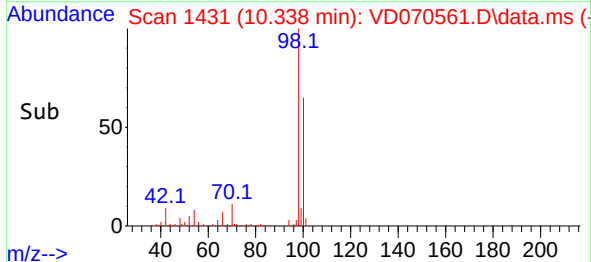
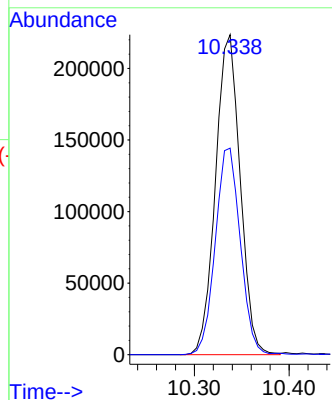
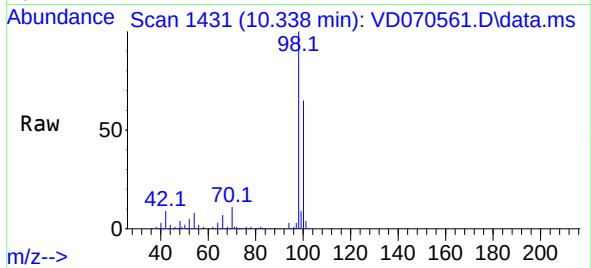




#50
Toluene-d8
Concen: 49.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

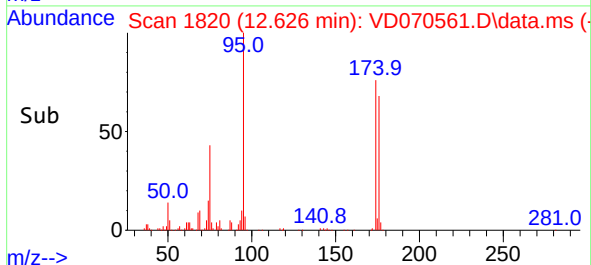
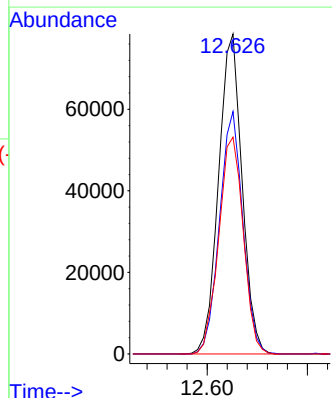
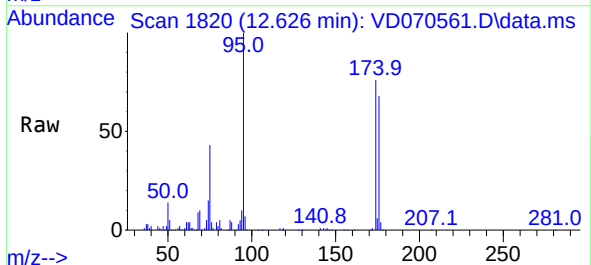
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

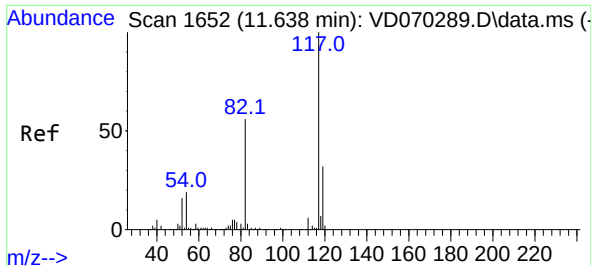
Tgt Ion: 98 Resp: 405322
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 95 Resp: 127450
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.6
176 70.6 0.0 137.4

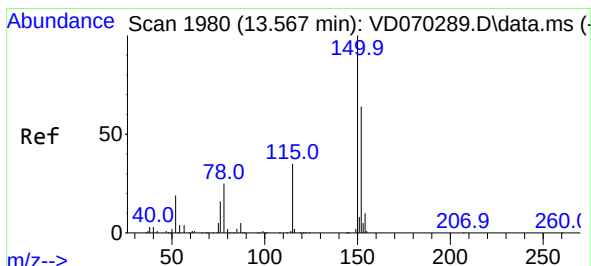
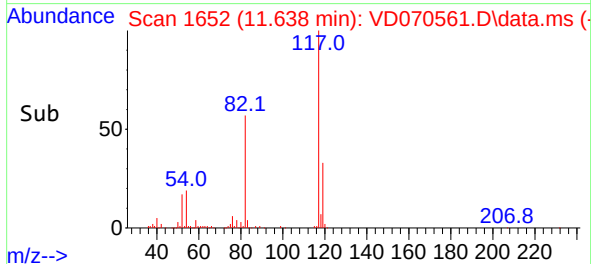
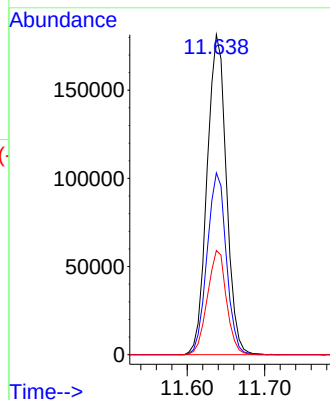
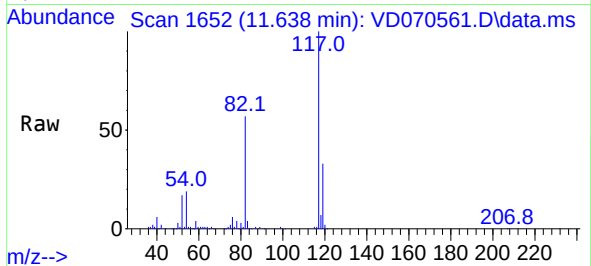




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

Tgt Ion:	117	Resp:	314137
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	32.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion:	152	Resp:	126648
Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.1	96.3
150	158.9	0.0	350.6

