

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070560.D
 Acq On : 04 Oct 2021 19:31
 Operator : VA/SY
 Sample : M4046-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-(4.5-5.0)

Quant Time: Oct 05 05:01:57 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	370265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	777270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305372	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264143	55.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.12%
35) Dibromofluoromethane	7.908	113	272522	49.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.52%
50) Toluene-d8	10.338	98	1017584	50.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.32%
62) 4-Bromofluorobenzene	12.626	95	314834	44.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.70%

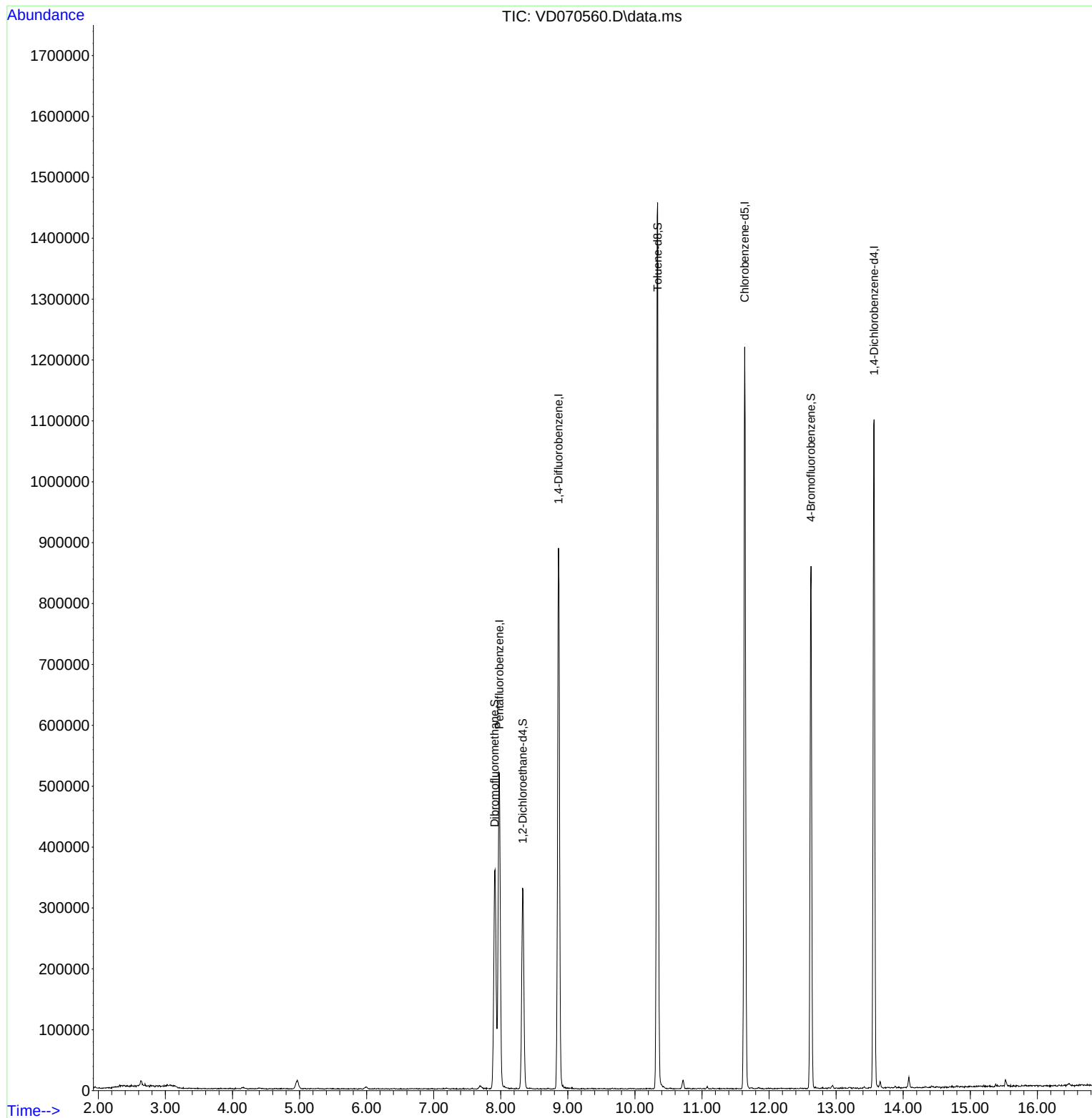
Target Compounds	Qvalue

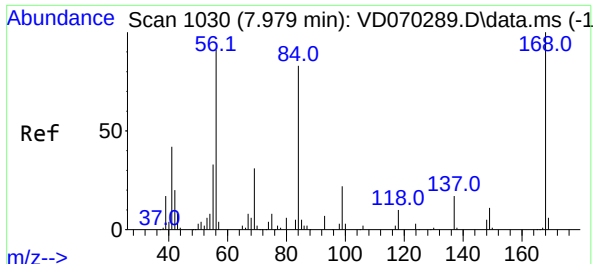
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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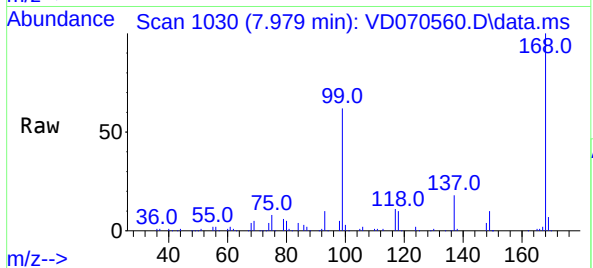
Quant Time: Oct 05 05:01:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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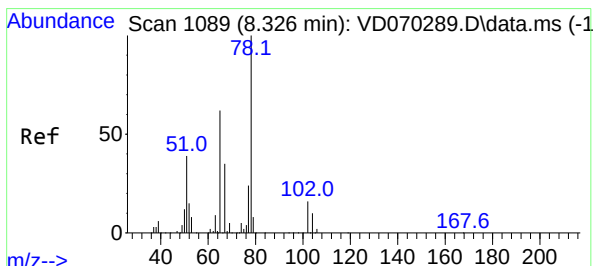
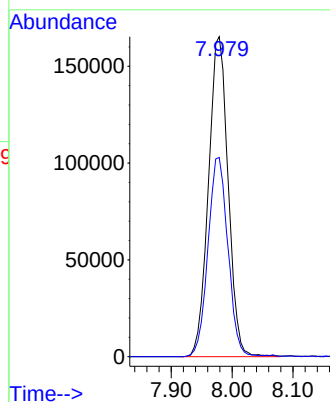
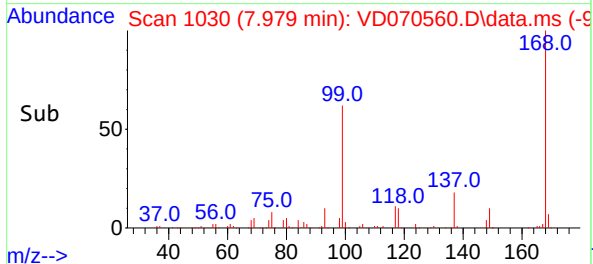


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

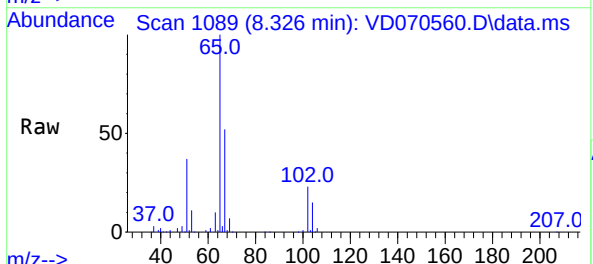
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(4.5-5.0)



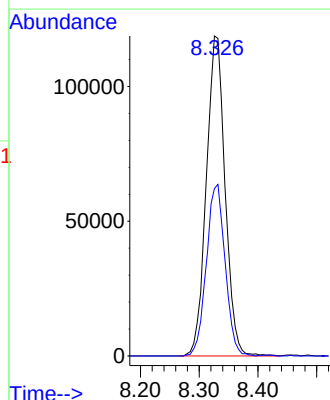
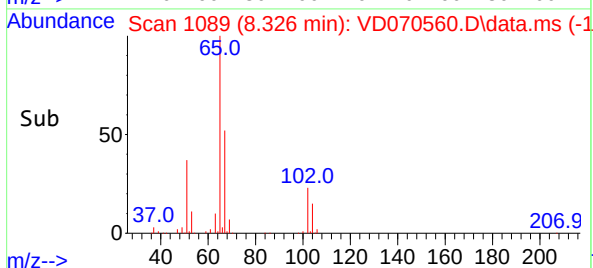
Tgt Ion:168 Resp: 370265
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2

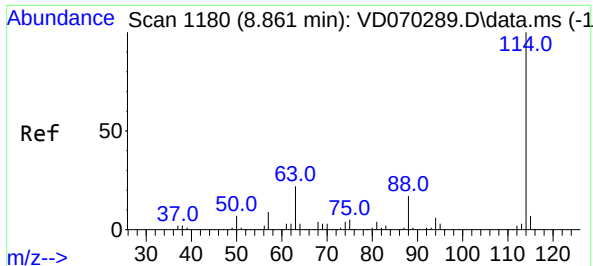


#33
1,2-Dichloroethane-d4
Concen: 55.56 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31



Tgt Ion: 65 Resp: 264143
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4



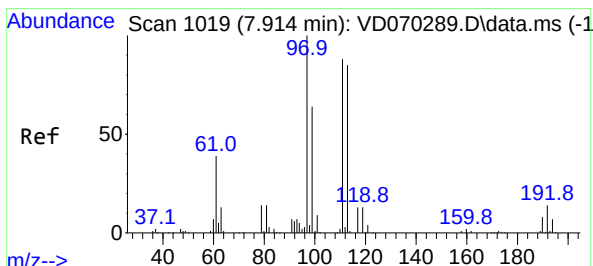
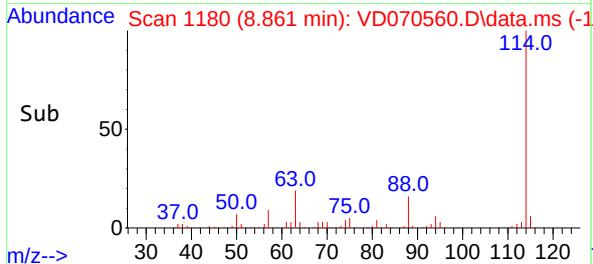
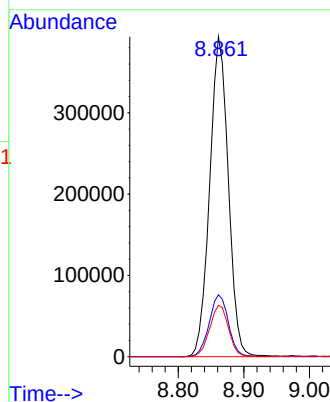
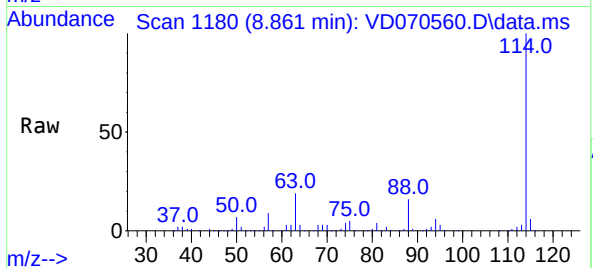


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(4.5-5.0)

Tgt Ion:114 Resp: 777270

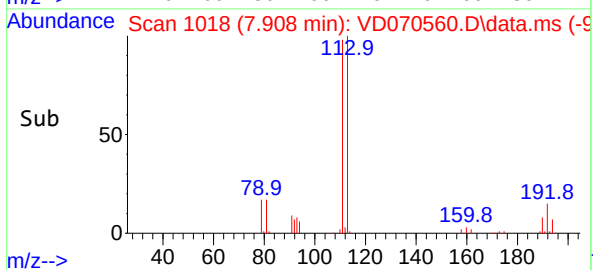
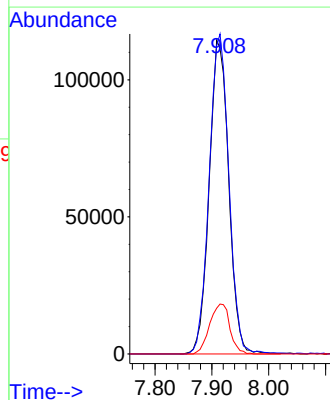
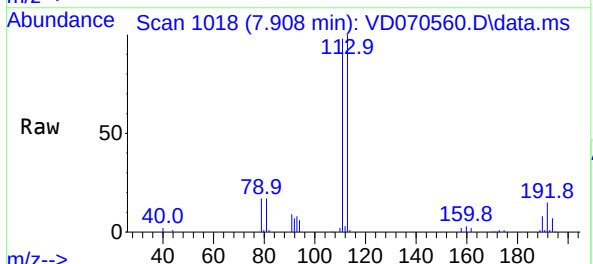
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.4
88	16.0	0.0	33.4

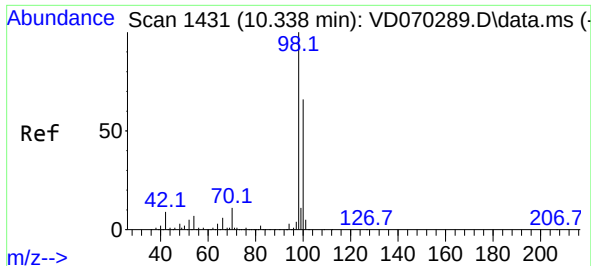


#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

Tgt Ion:113 Resp: 272522

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	16.5	13.0	19.6

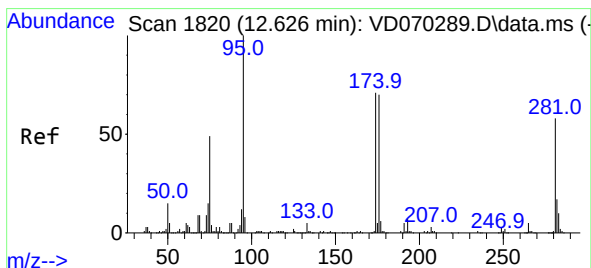
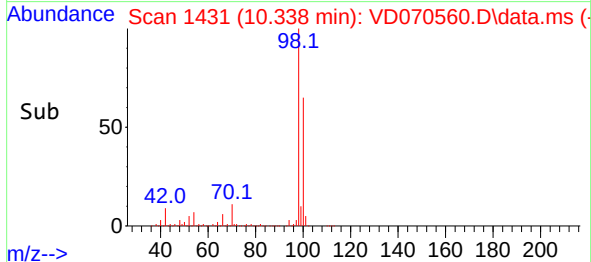
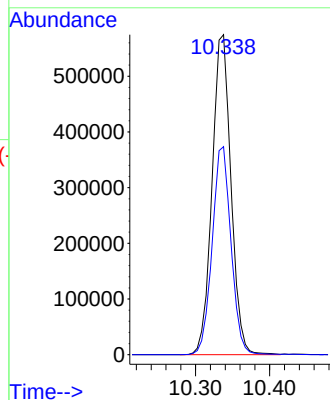
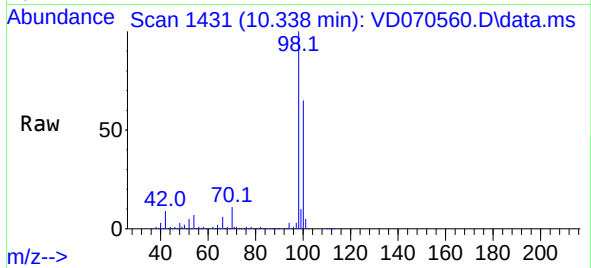




#50
Toluene-d8
Concen: 50.66 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

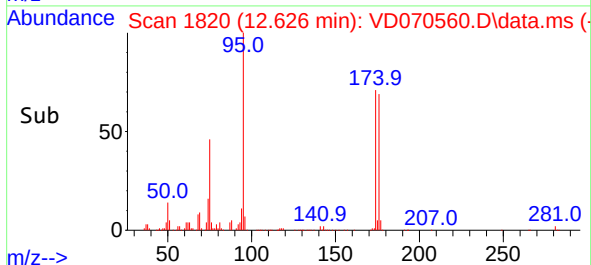
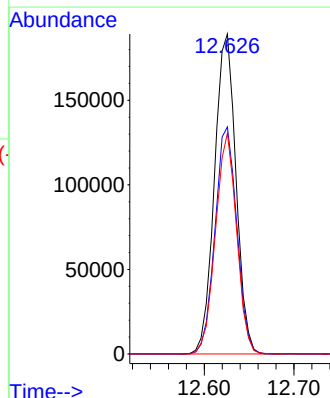
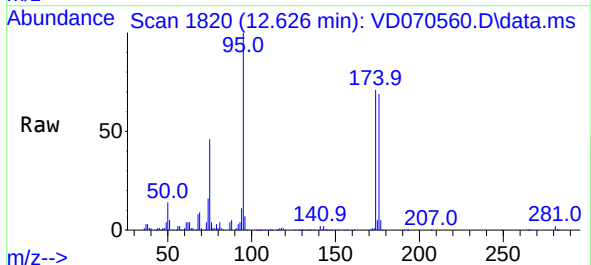
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(4.5-5.0)

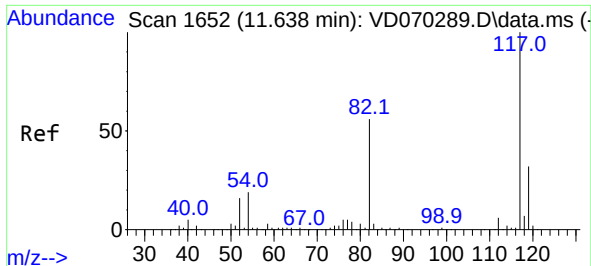
Tgt Ion: 98 Resp: 1017584
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

Tgt Ion: 95 Resp: 314834
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.6
176 67.6 0.0 137.4

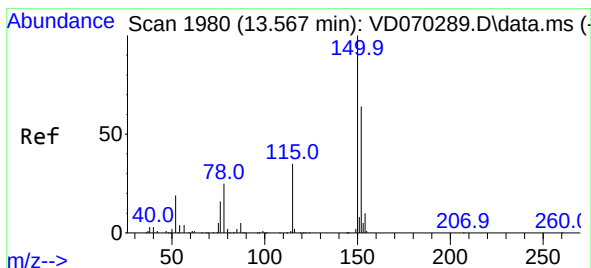
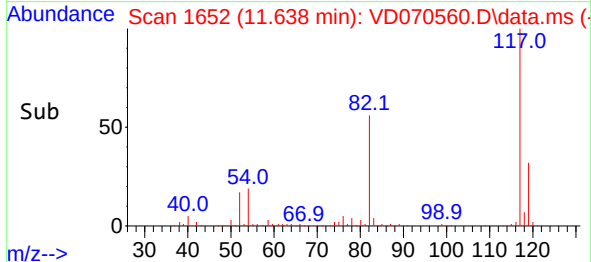
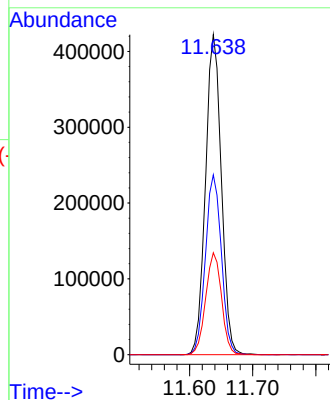
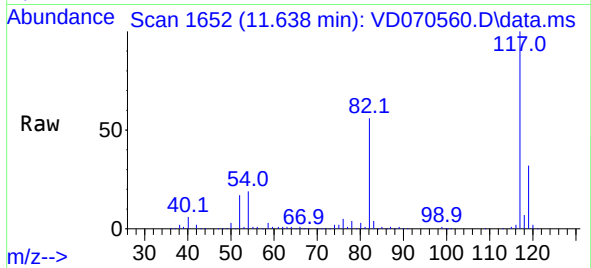




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070560.D
Acq: 04 Oct 2021 19:31

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(4.5-5.0)

Tgt Ion:117 Resp: 733097
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.9 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: VD070560.D
Acq: 04 Oct 2021 19:31

Tgt Ion:152 Resp: 305372
Ion Ratio Lower Upper
152 100
115 62.9 32.1 96.3
150 154.3 0.0 350.6

