

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070612.D
 Acq On : 07 Oct 2021 12:56
 Operator : VA/SY
 Sample : M4061-04
 Misc : 4.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-4

Quant Time: Oct 08 04:51:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	387481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	701479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234773	51.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.96%
35) Dibromofluoromethane	7.908	113	254045	50.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.20%
50) Toluene-d8	10.338	98	961401	50.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.18%
62) 4-Bromofluorobenzene	12.626	95	286819	44.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.42%

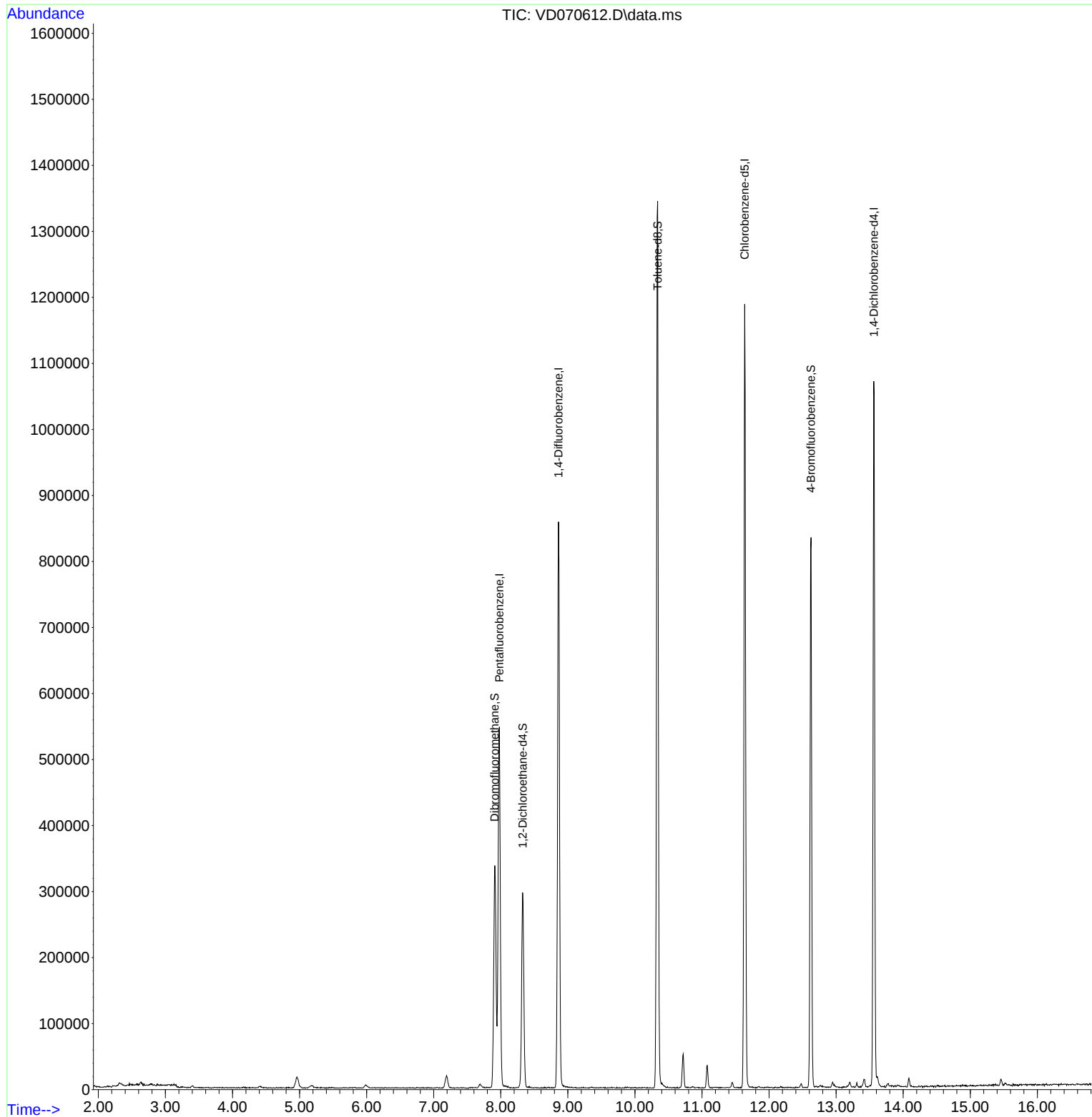
Target Compounds	Qvalue

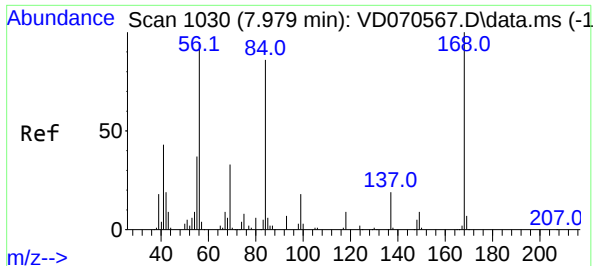
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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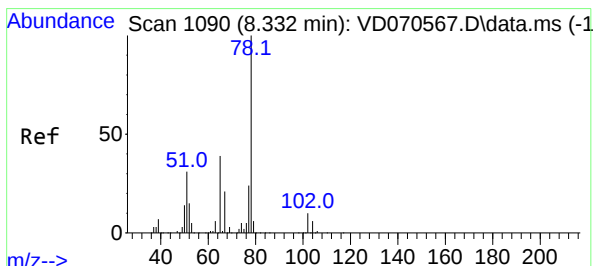
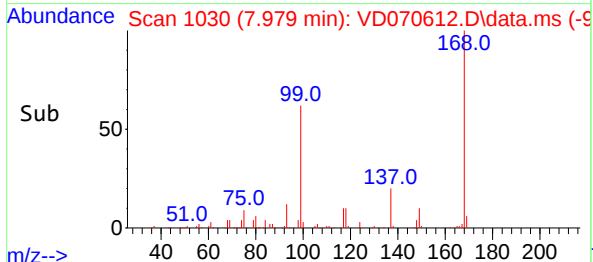
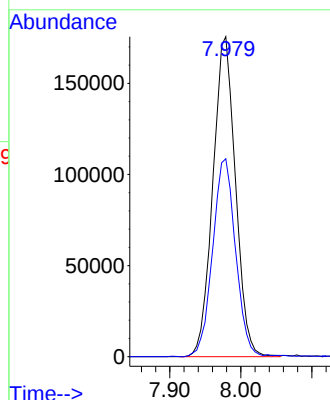
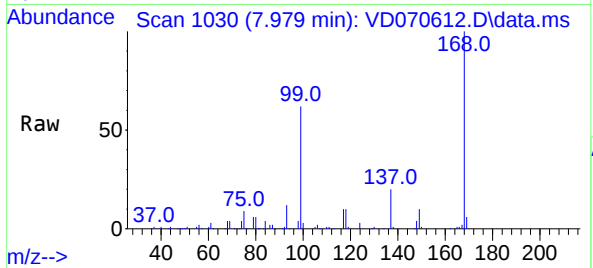




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

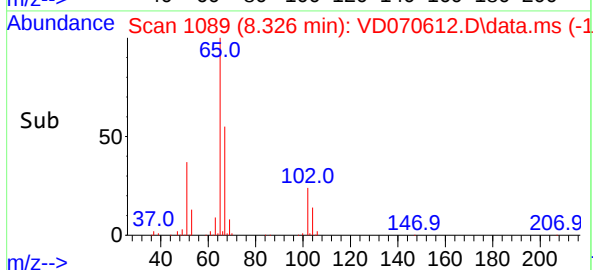
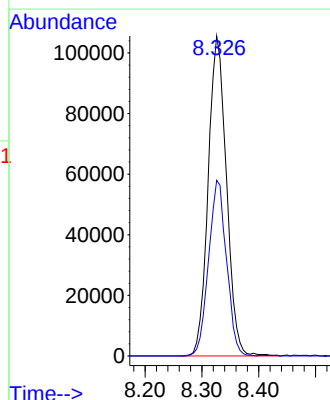
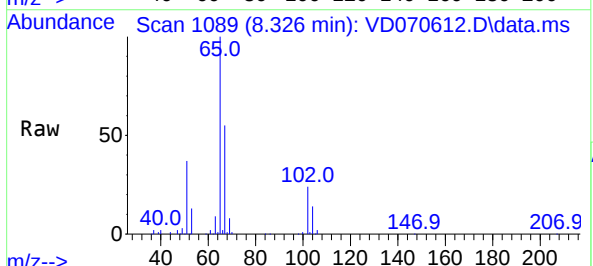
Instrument :
MSVOA_D
ClientSampled :
S-4

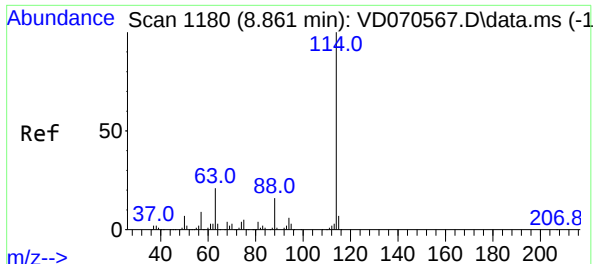
Tgt Ion:168 Resp: 387481
Ion Ratio Lower Upper
168 100
99 61.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.48 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Tgt Ion: 65 Resp: 234773
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2



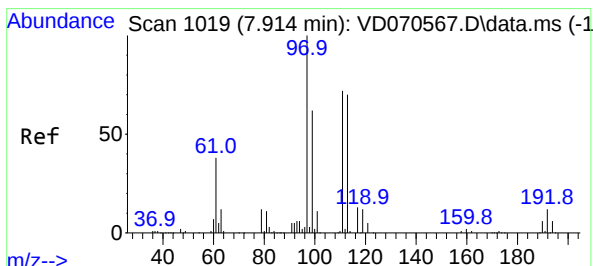
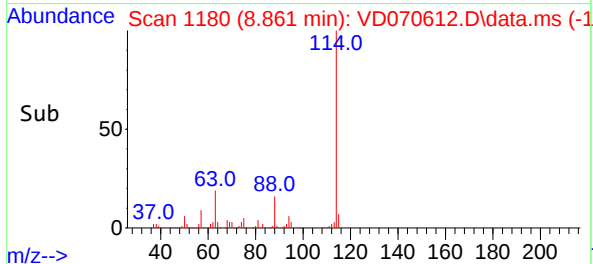
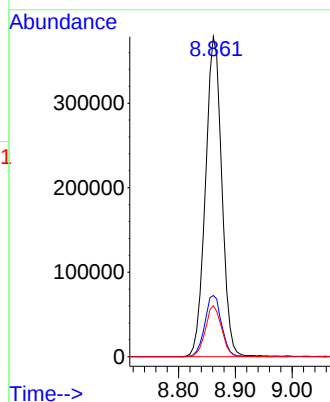
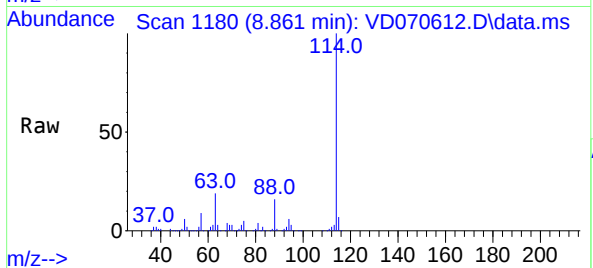


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Instrument :
MSVOA_D
ClientSampled :
S-4

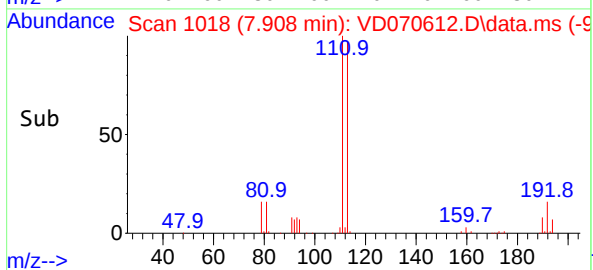
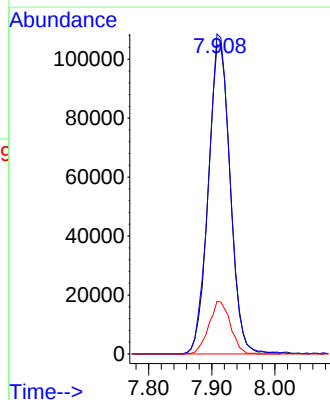
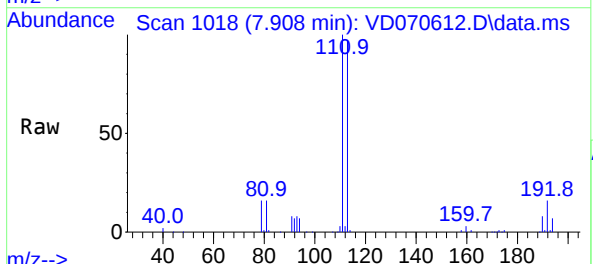
Tgt Ion:114	Resp:	755101	
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.8
88	15.9	0.0	32.6

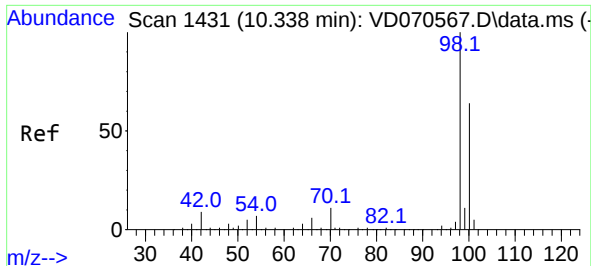


#35

Dibromofluoromethane
Concen: 50.60 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Tgt Ion:113	Resp:	254045	
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	16.6	12.7	19.1

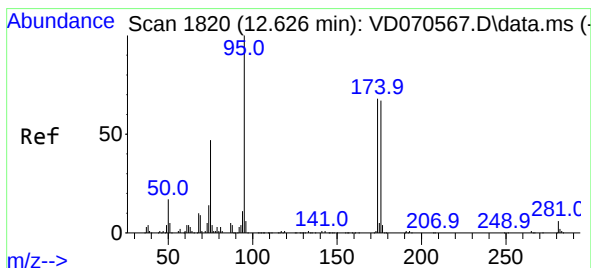
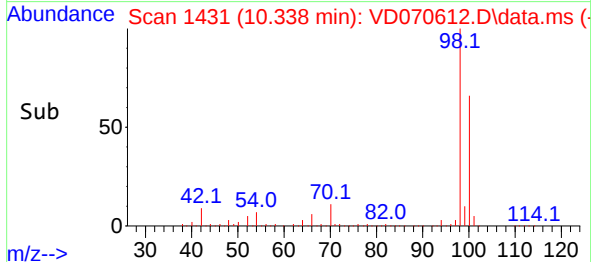
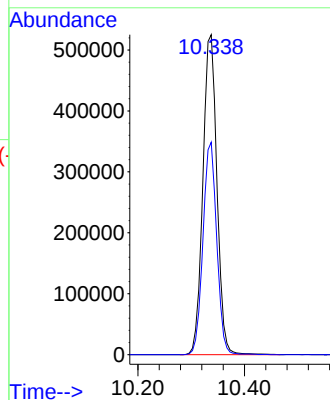
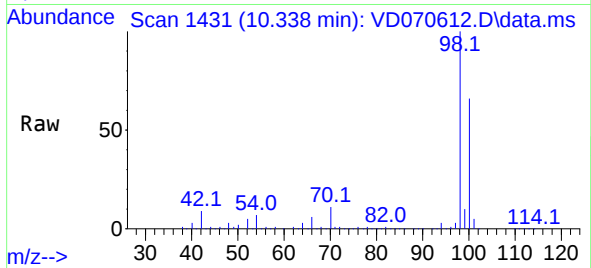




#50
Toluene-d8
Concen: 50.09 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

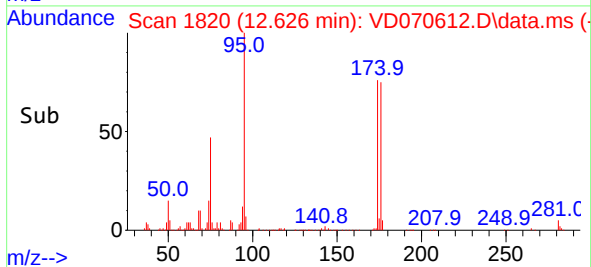
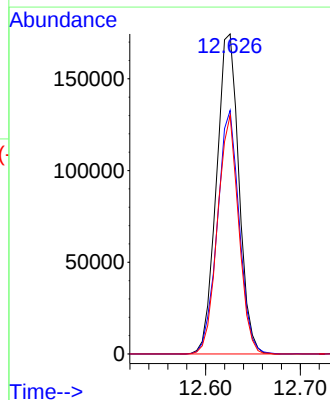
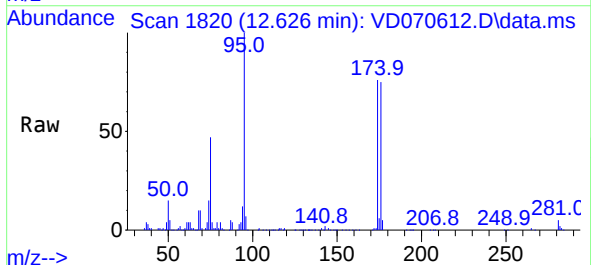
Instrument :
MSVOA_D
ClientSampled :
S-4

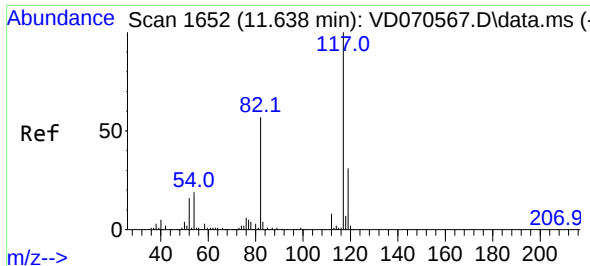
Tgt Ion: 98 Resp: 961401
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Tgt Ion: 95 Resp: 286819
Ion Ratio Lower Upper
95 100
174 74.6 0.0 138.0
176 70.3 0.0 135.6

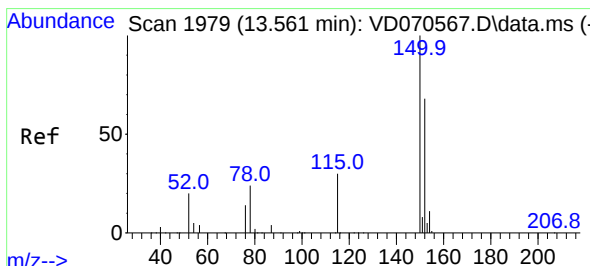
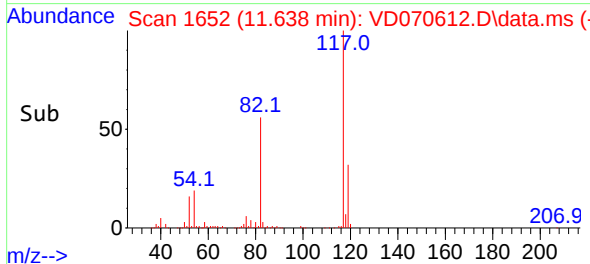
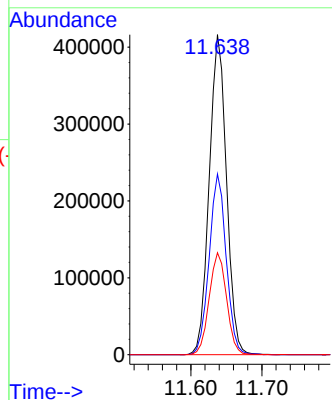
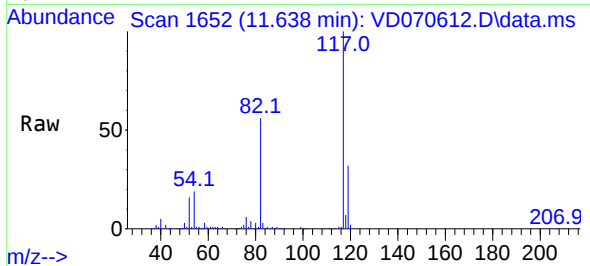




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion:117 Resp: 701479
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070612.D
Acq: 07 Oct 2021 12:56

Tgt Ion:152 Resp: 287961
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 157.4 0.0 350.0

