

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070639.D
 Acq On : 08 Oct 2021 15:22
 Operator : VA/SY
 Sample : M4113-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Oct 11 02:23:28 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	378938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	719146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	668555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212640	47.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.914	113	236070	49.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.338	98	925452	50.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.620	95	269594	44.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.260%

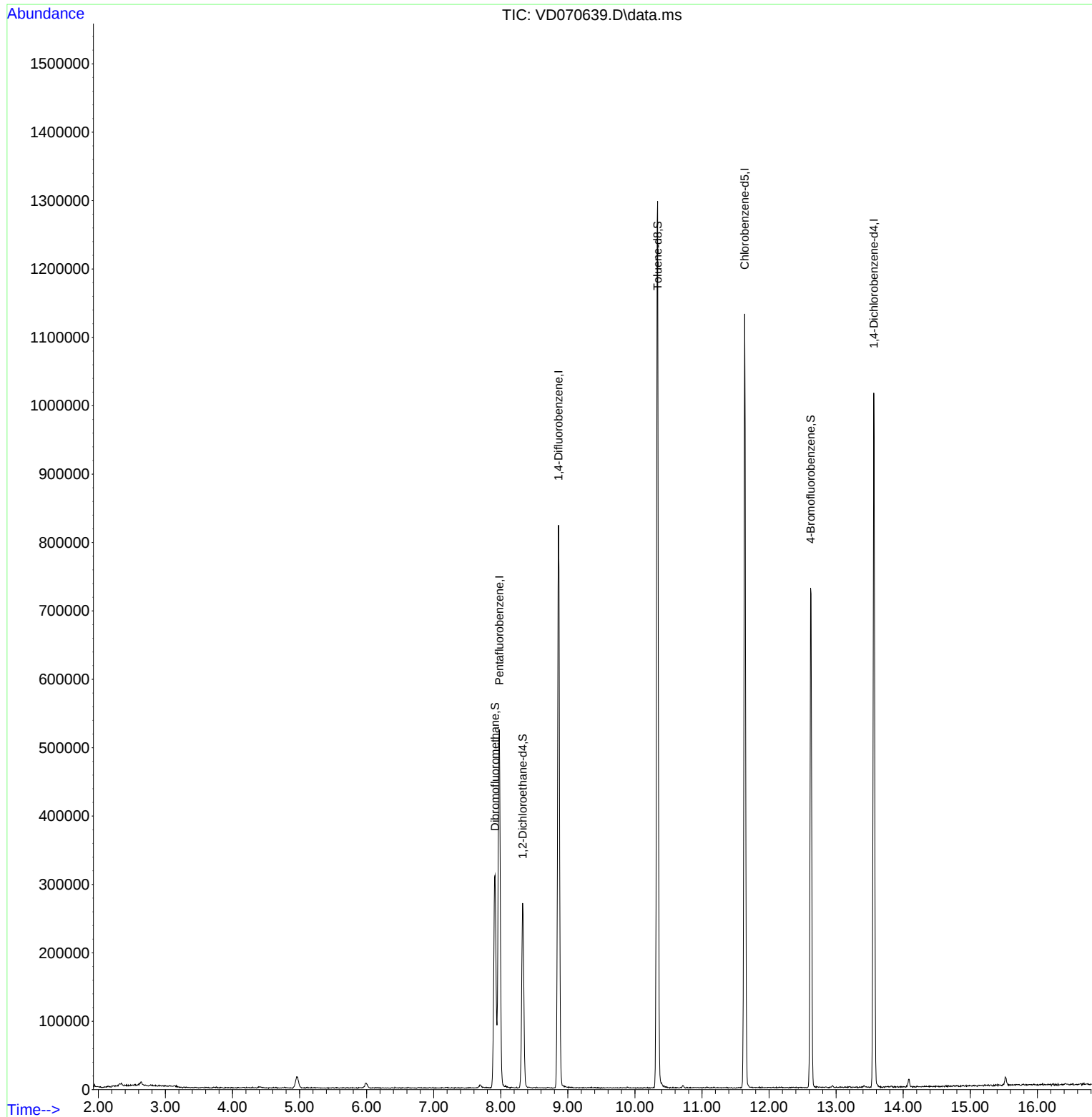
Target Compounds	Qvalue

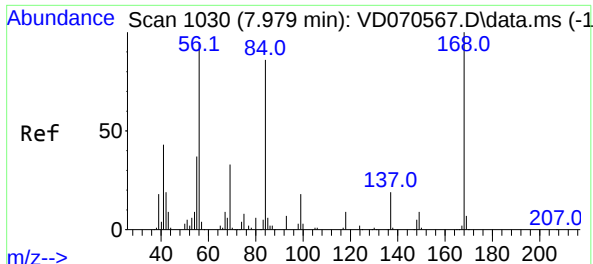
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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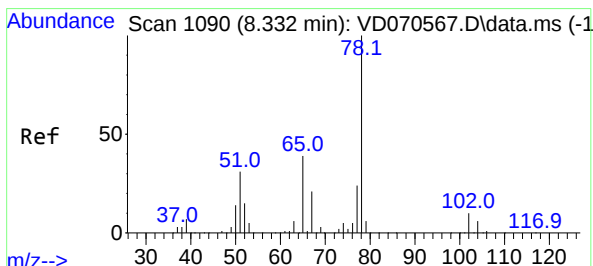
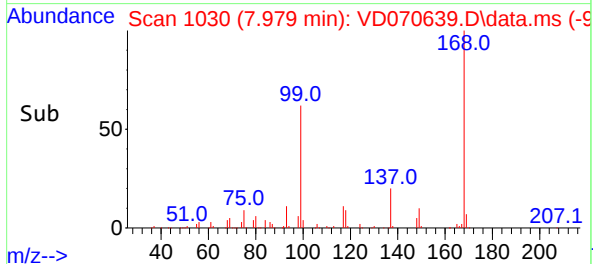
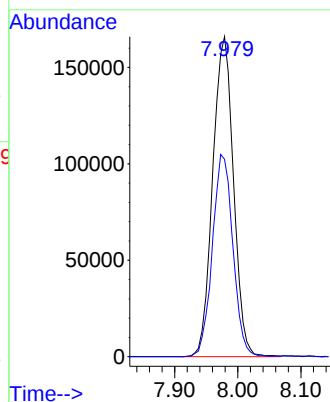
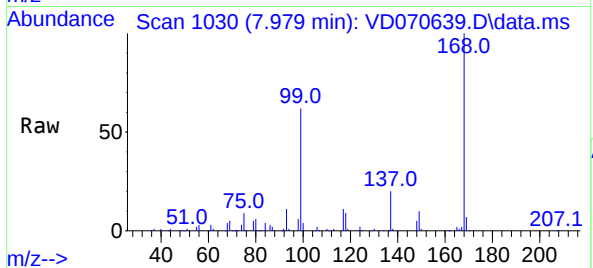




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

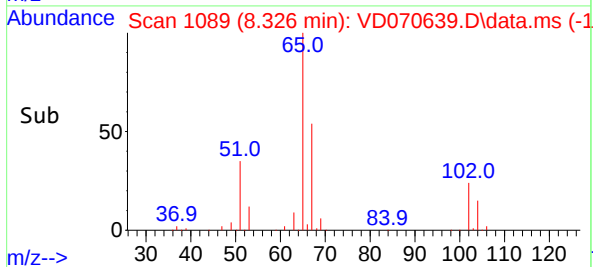
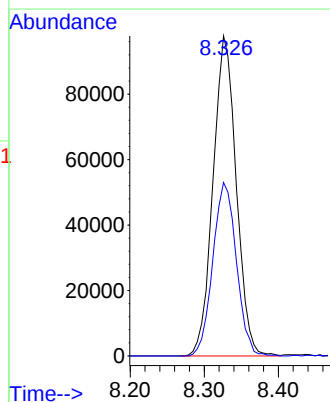
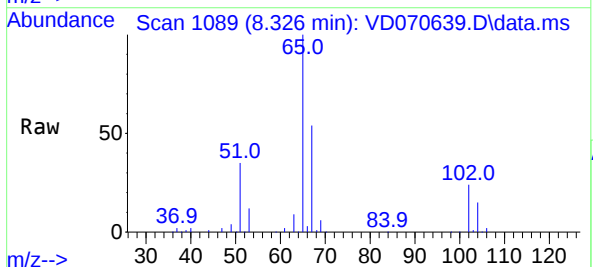
Instrument :
MSVOA_D
ClientSampleId :
TP-2

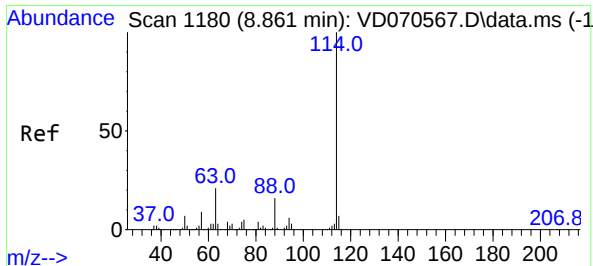
Tgt Ion:168 Resp: 378938
Ion Ratio Lower Upper
168 100
99 61.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.682 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 65 Resp: 212640
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2



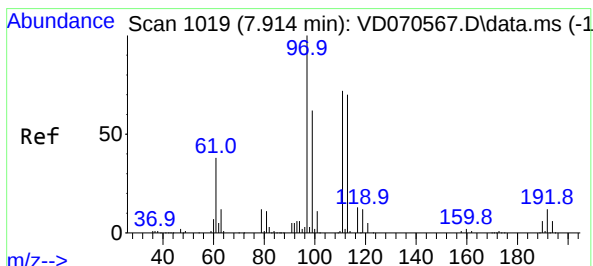
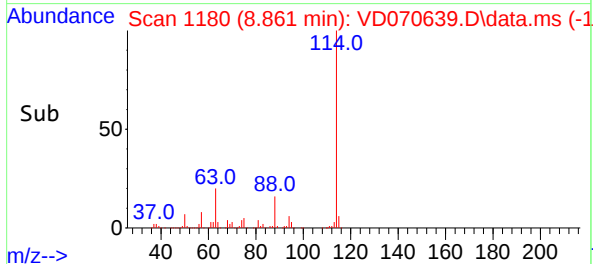
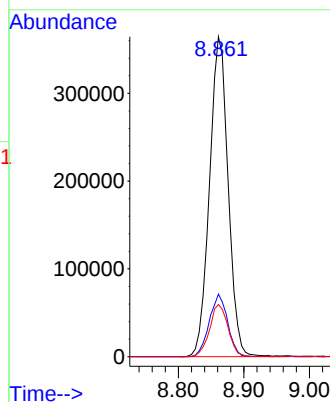
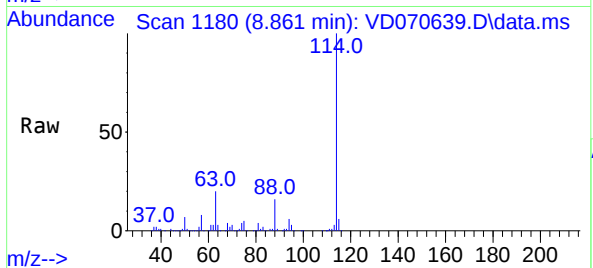


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Instrument :
MSVOA_D
ClientSampled :
TP-2

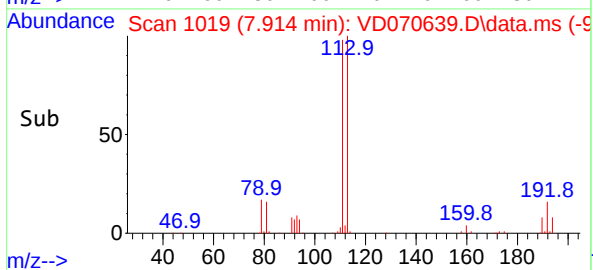
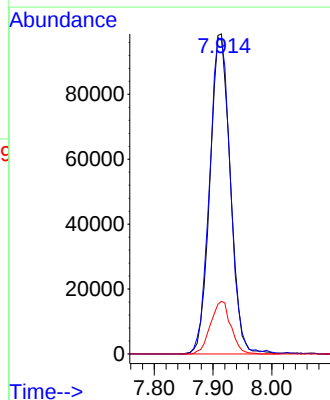
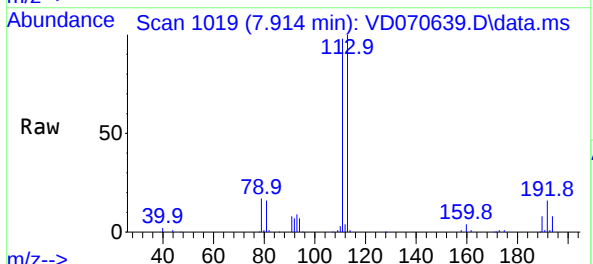
Tgt Ion:	114	Resp:	719146
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.8
88	16.3	0.0	32.6

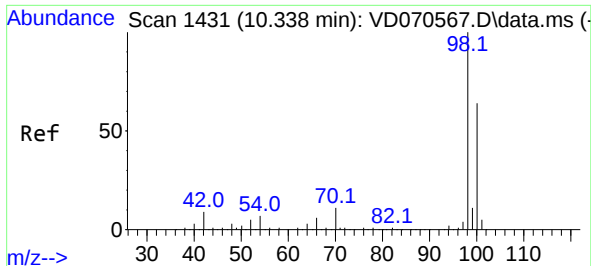


#35

Dibromofluoromethane
Concen: 49.374 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion:	113	Resp:	236070
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.1	124.7
192	16.5	12.7	19.1

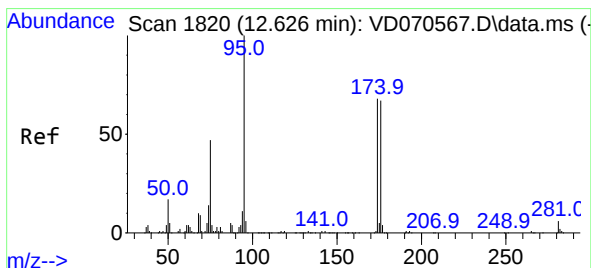
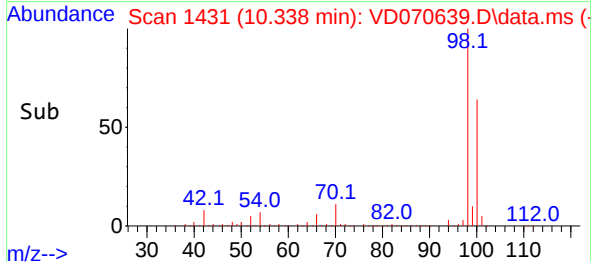
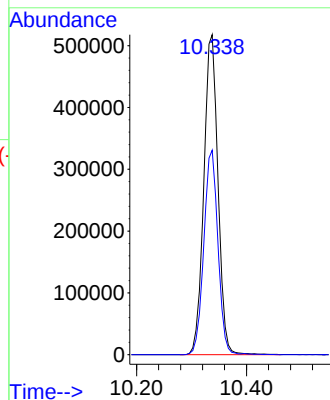
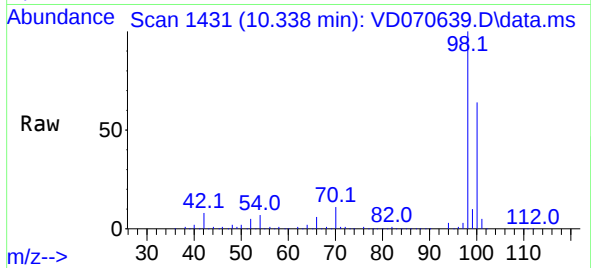




#50
Toluene-d8
Concen: 50.631 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

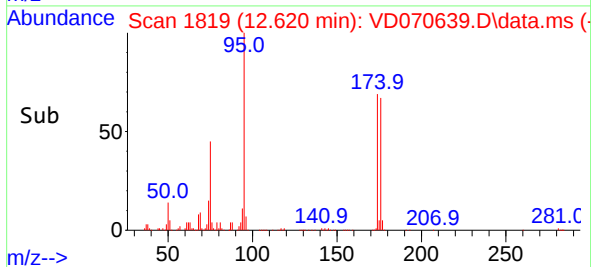
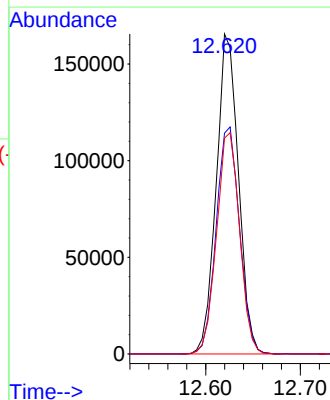
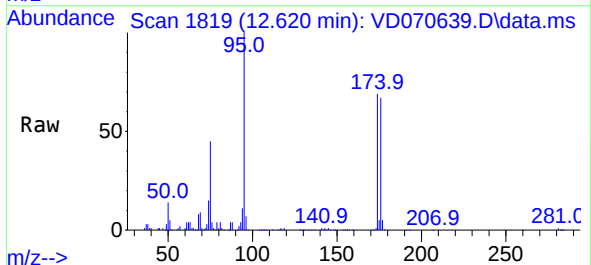
Instrument :
MSVOA_D
ClientSampleId :
TP-2

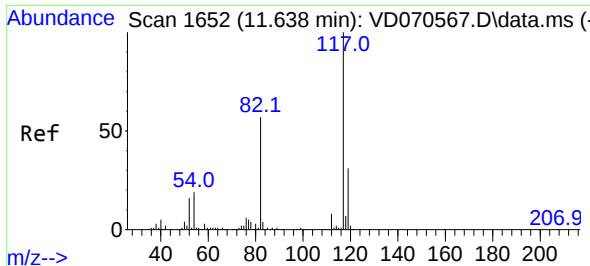
Tgt Ion: 98 Resp: 925452
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 95 Resp: 269594
Ion Ratio Lower Upper
95 100
174 74.7 0.0 138.0
176 71.6 0.0 135.6

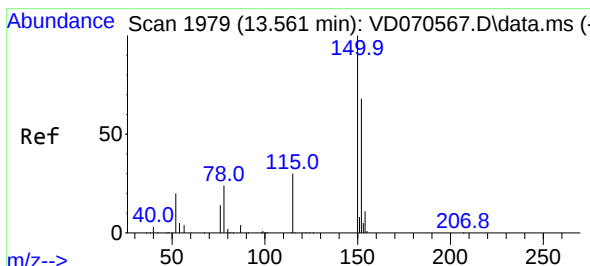
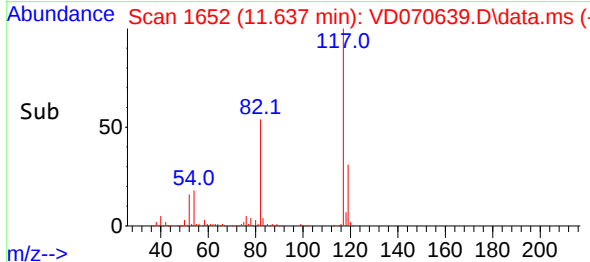
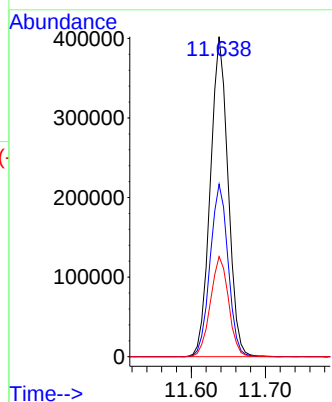
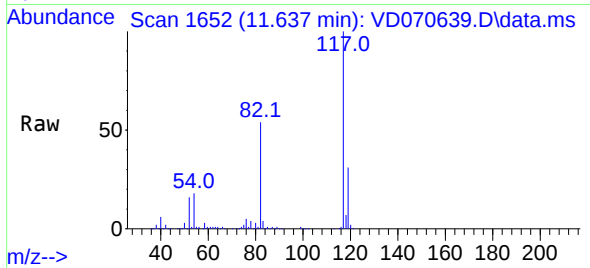




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:117 Resp: 668555
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.2
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion:152 Resp: 269839
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 155.9 0.0 350.0

