

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070697.D
 Acq On : 13 Oct 2021 14:56
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 14 04:04:14 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	313351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184351	49.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.908	113	192713	49.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.332	98	679790	45.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.620	95	210521	42.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

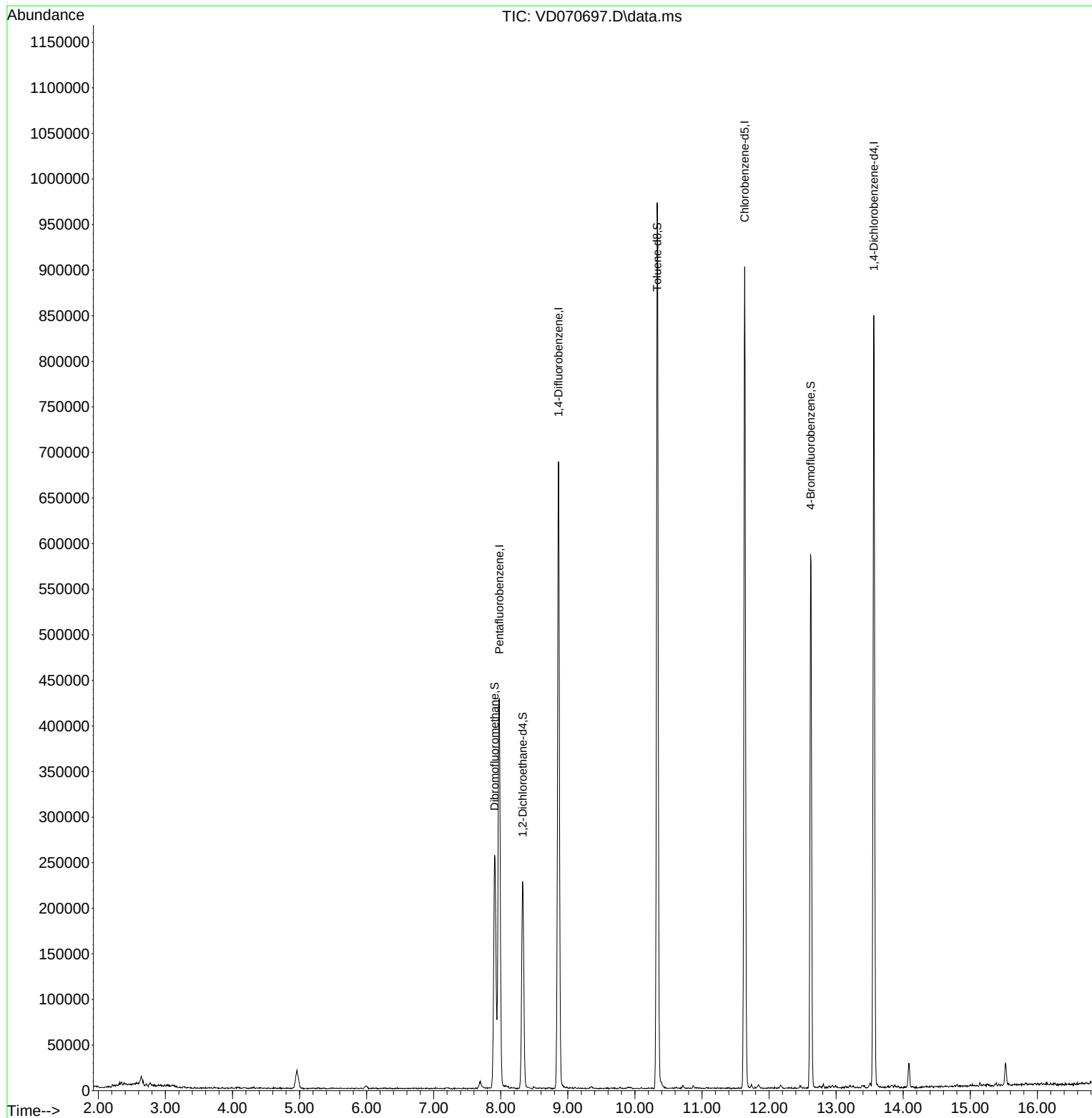
Target Compounds	Qvalue

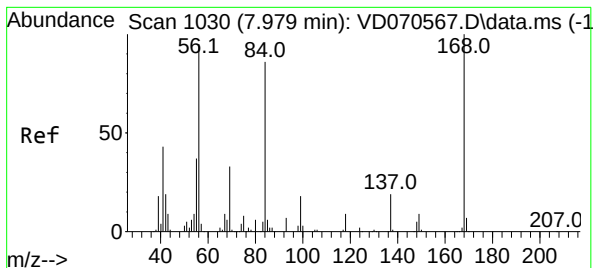
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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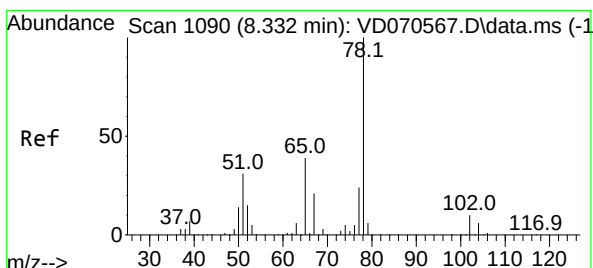
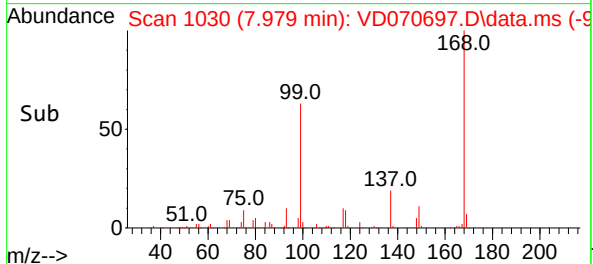
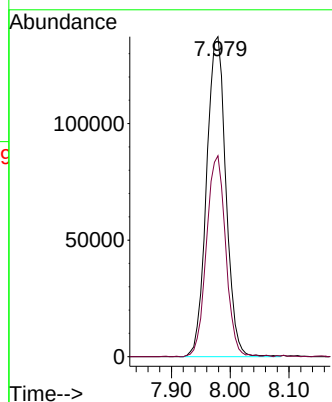
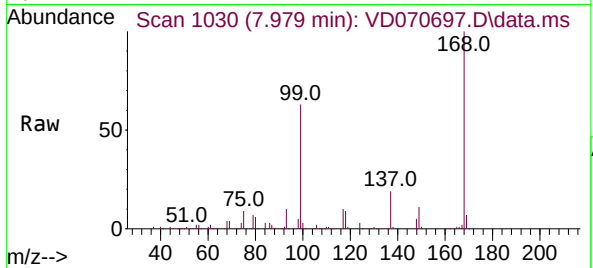




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

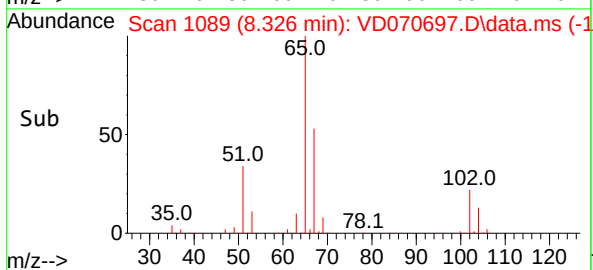
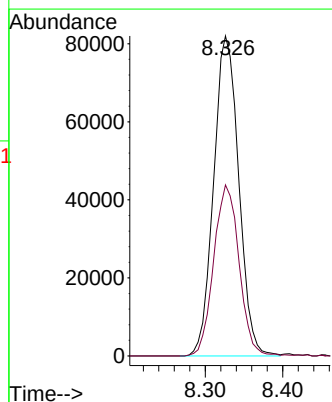
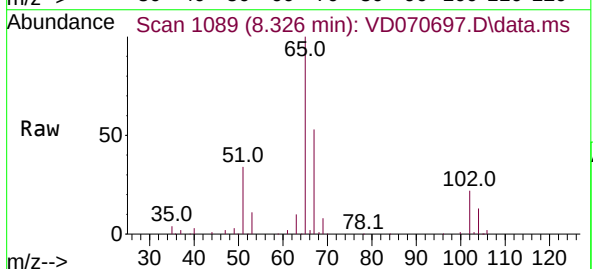
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

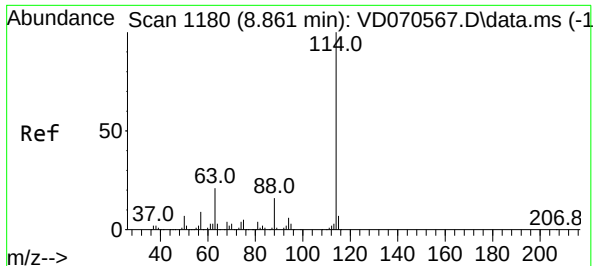
Tgt Ion:168 Resp: 313351
Ion Ratio Lower Upper
168 100
99 62.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.991 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 65 Resp: 184351
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



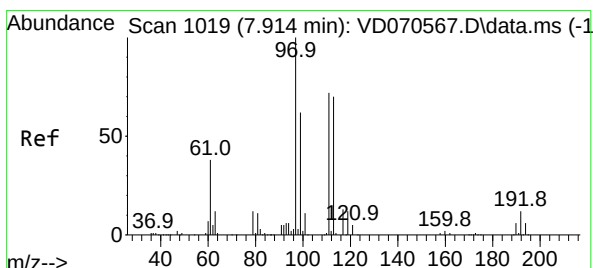
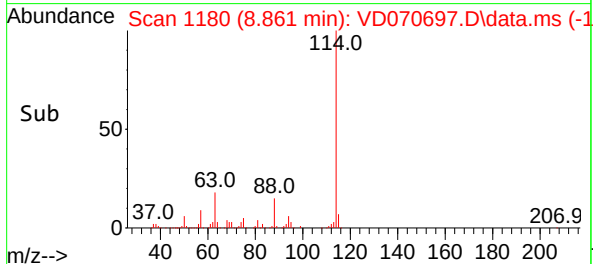
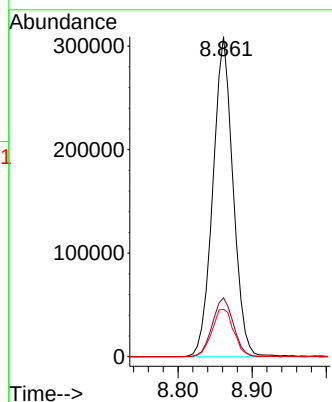
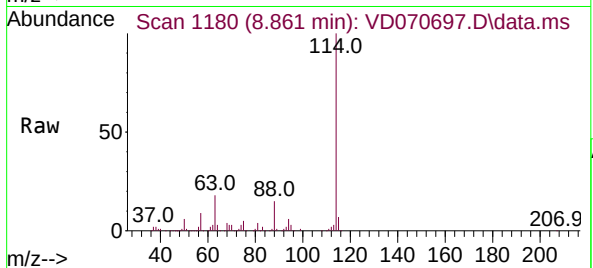


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

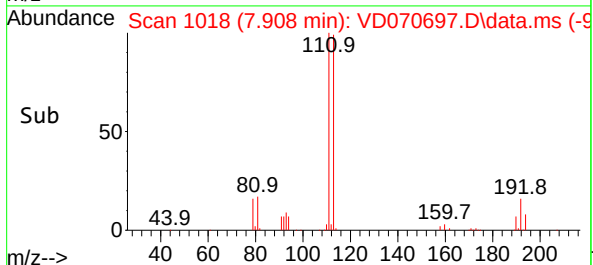
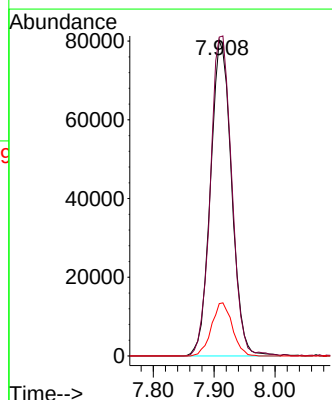
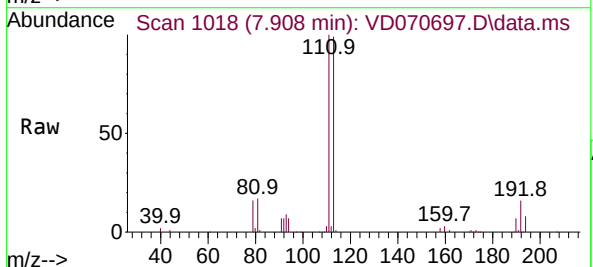
Tgt Ion:	114	Resp:	583930
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	41.8
88	14.8	0.0	32.6

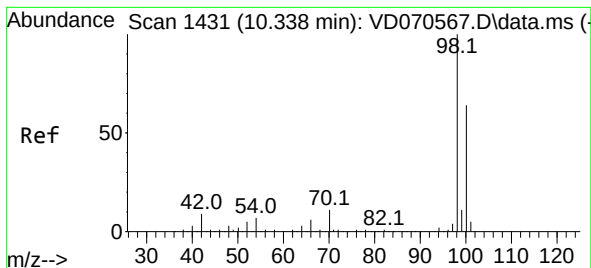


#35

Dibromofluoromethane
Concen: 49.639 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion:	113	Resp:	192713
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.1	124.7
192	16.6	12.7	19.1

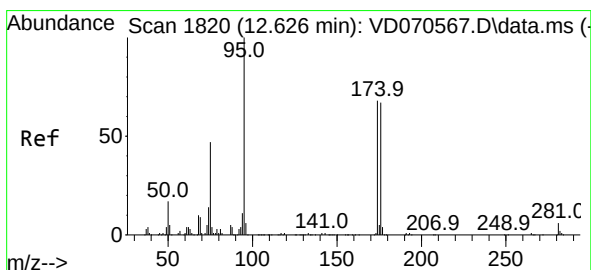
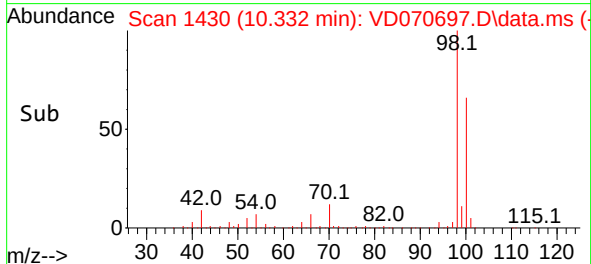
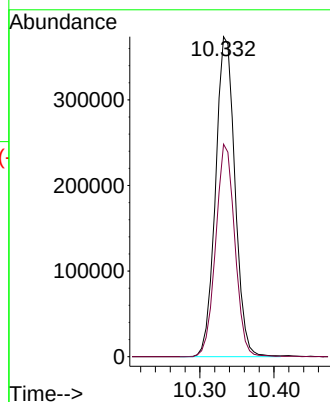
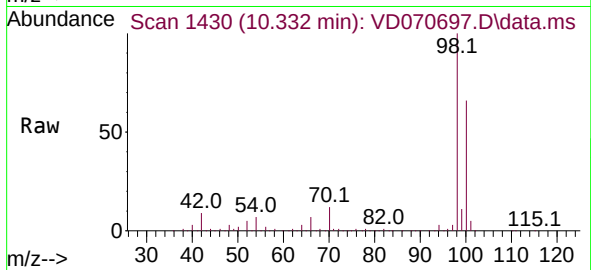




#50
Toluene-d8
Concen: 45.803 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

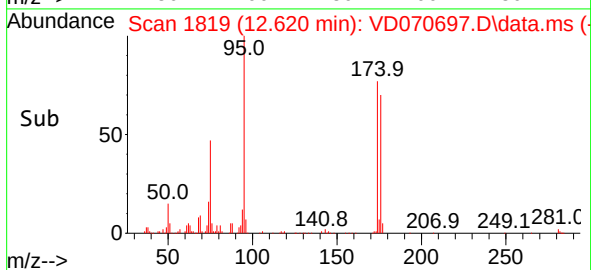
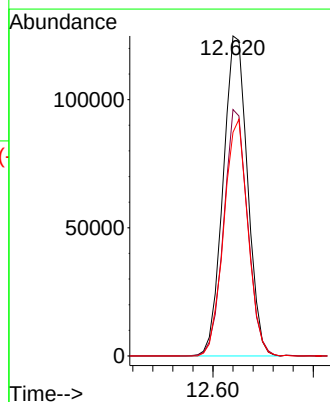
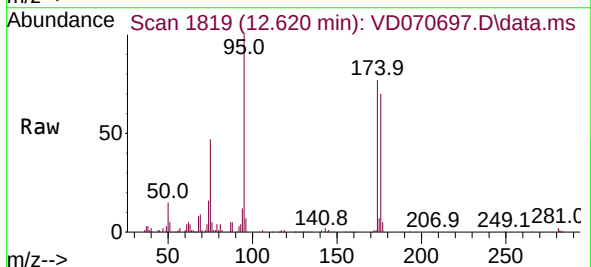
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

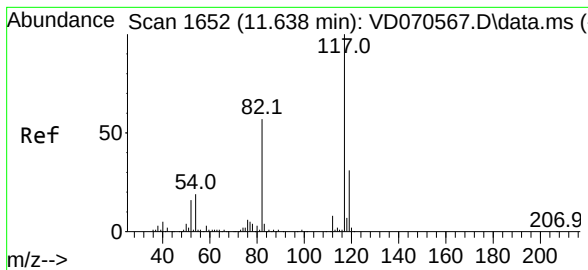
Tgt Ion: 98 Resp: 679790
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 95 Resp: 210521
Ion Ratio Lower Upper
95 100
174 75.4 0.0 138.0
176 72.9 0.0 135.6

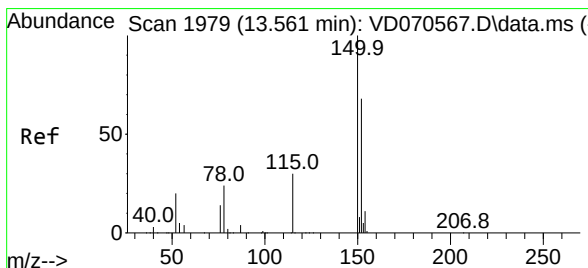
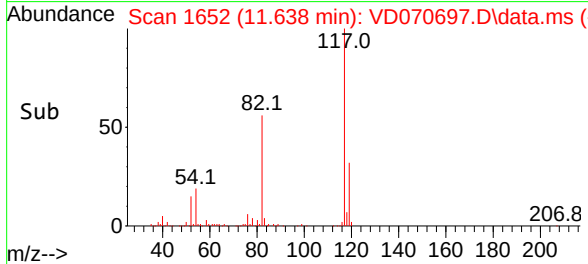
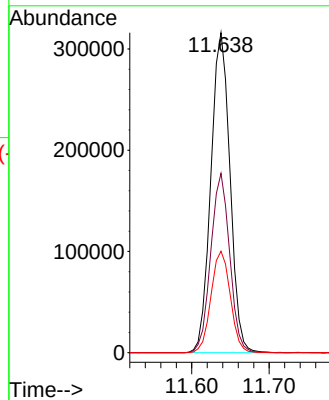
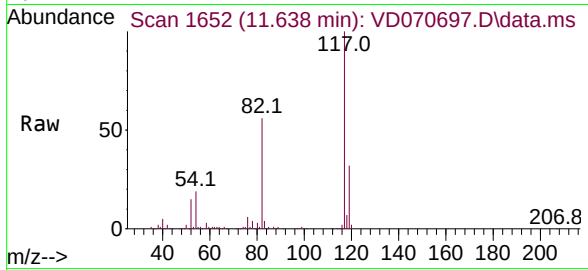




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:	117	Resp:	542412
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.4	68.2
119	31.7	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: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion:	152	Resp:	228519
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.9	95.7
150	156.1	0.0	350.0

