

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070705.D
 Acq On : 13 Oct 2021 18:43
 Operator : VA/SY
 Sample : M4193-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 351

Quant Time: Oct 14 04:05:35 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	290589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	478449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157582	46.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.160%
35) Dibromofluoromethane	7.914	113	180762	50.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.332	98	676803	49.212	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.626	95	187131	40.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.420%

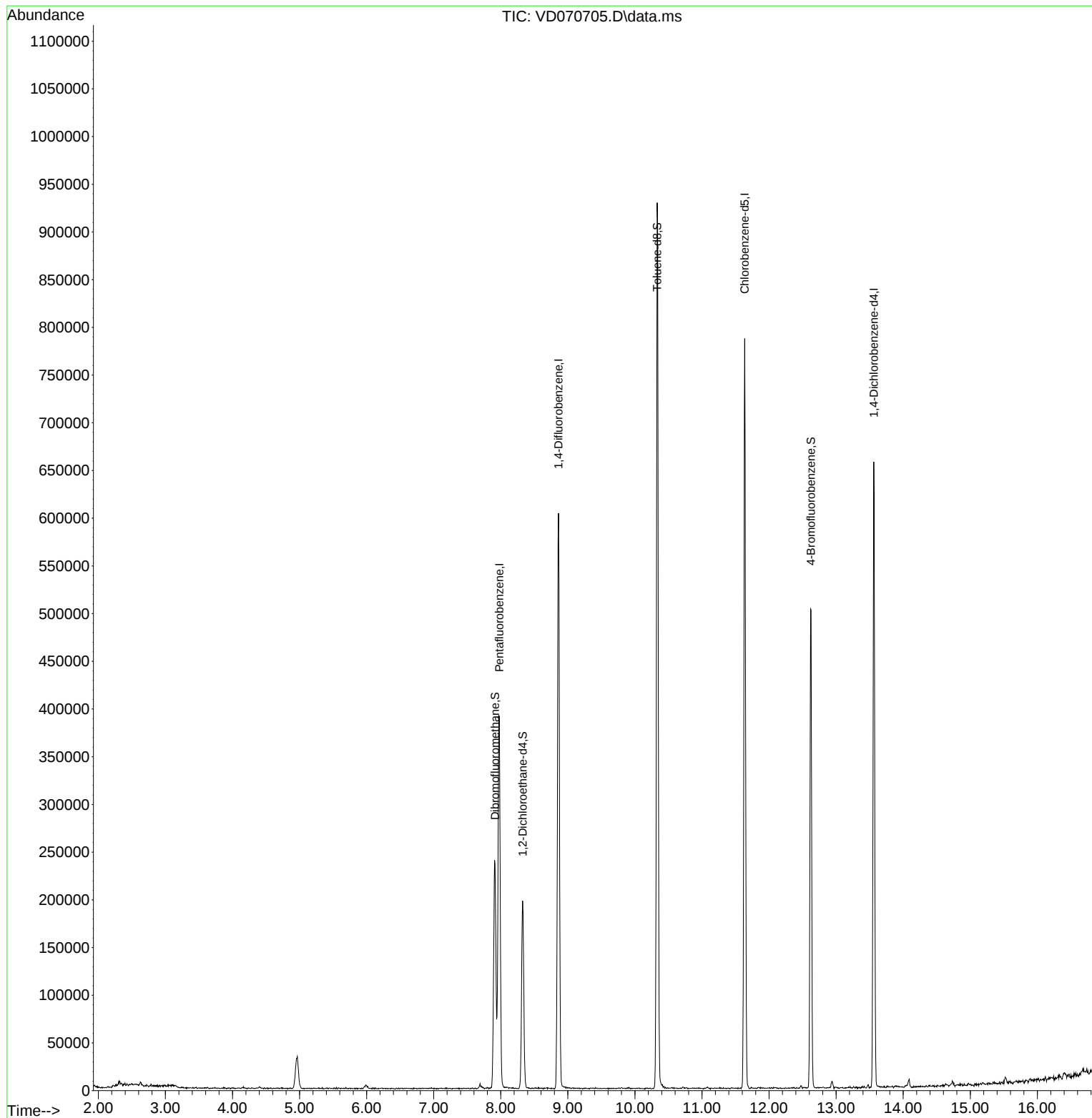
Target Compounds	Qvalue

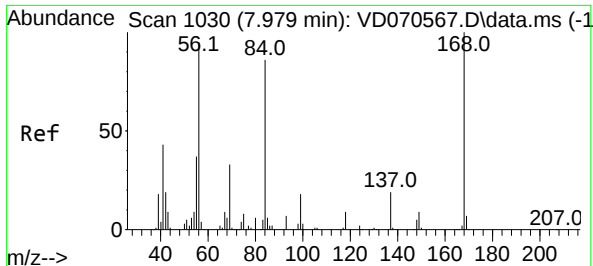
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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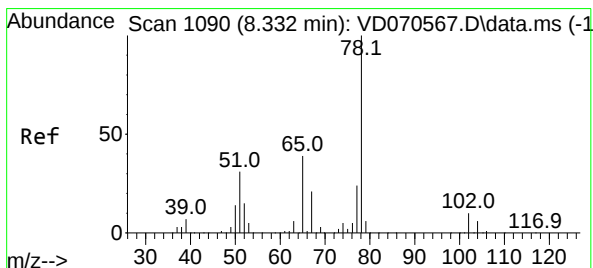
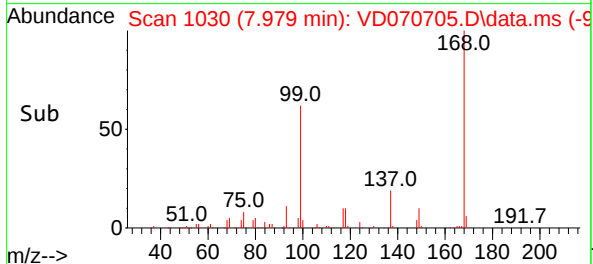
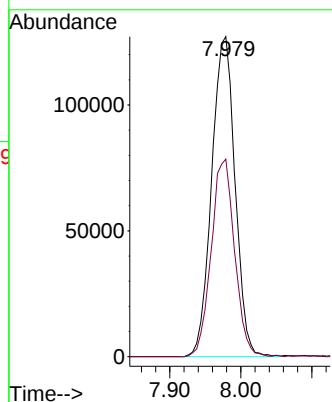
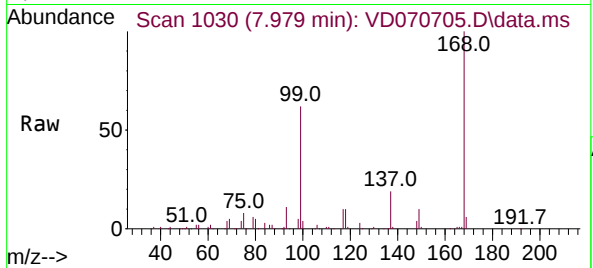




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

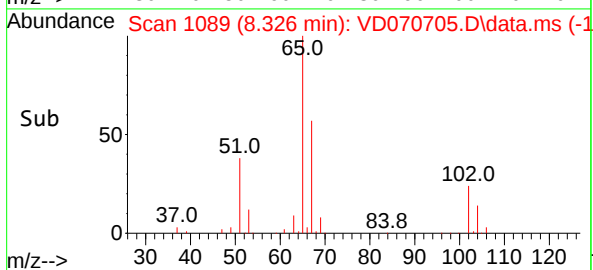
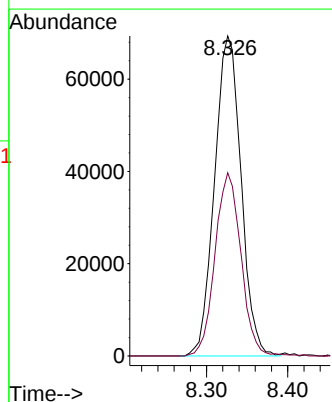
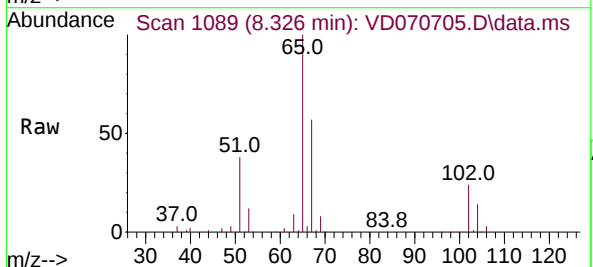
Instrument :
MSVOA_D
ClientSampled :
351

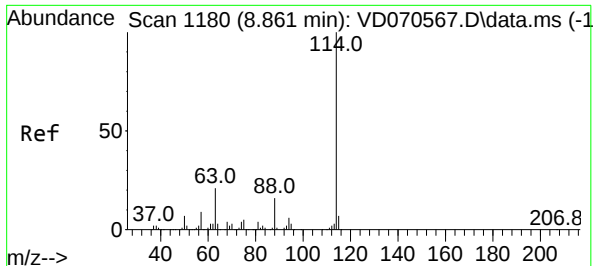
Tgt Ion:168 Resp: 290589
Ion Ratio Lower Upper
168 100
99 61.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 46.079 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

Tgt Ion: 65 Resp: 157582
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2



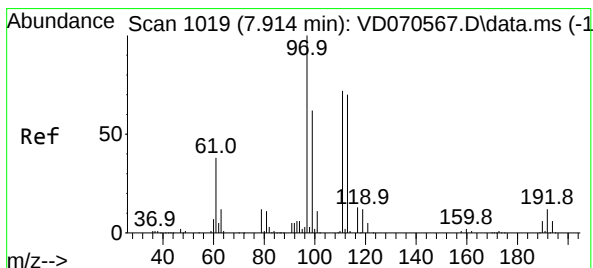
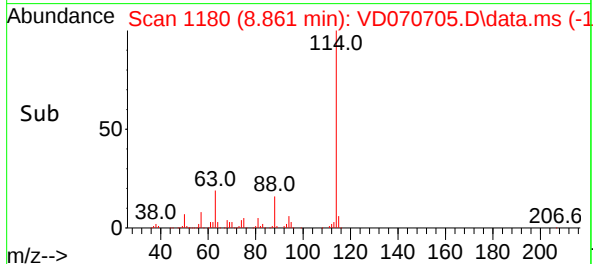
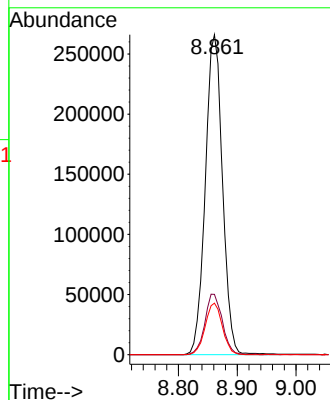
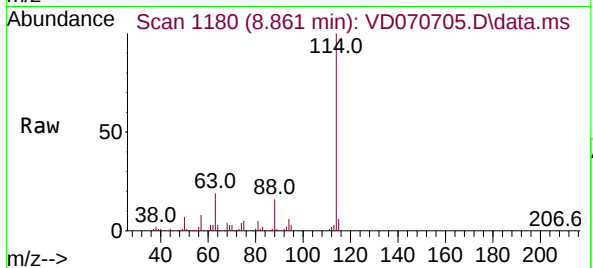


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
351

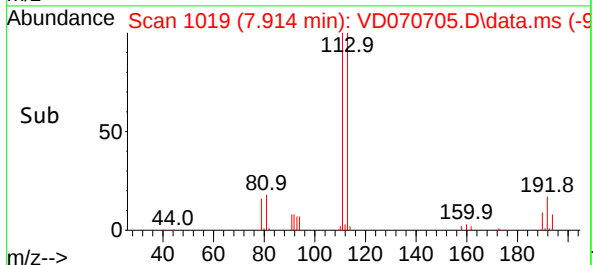
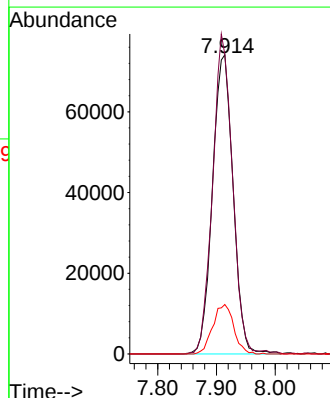
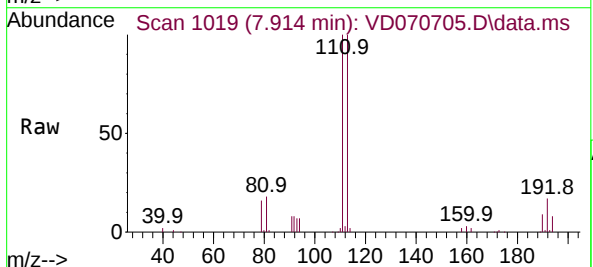
Tgt Ion:	114	Resp:	541099
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	41.8
88	16.1	0.0	32.6

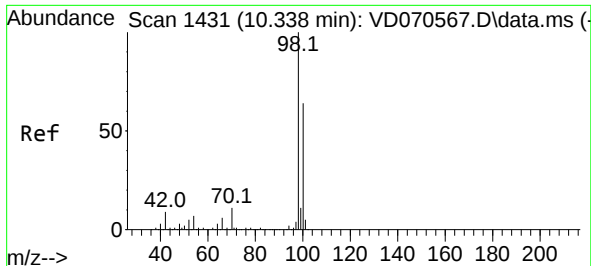


#35

Dibromofluoromethane
Concen: 50.246 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

Tgt Ion:	113	Resp:	180762
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.1	124.7
192	16.7	12.7	19.1

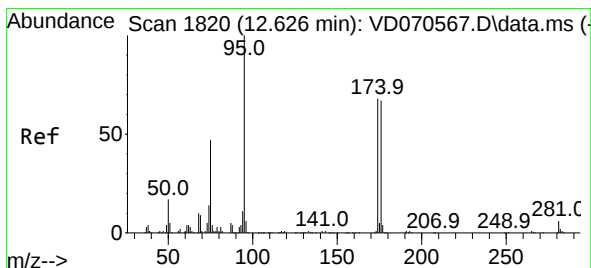
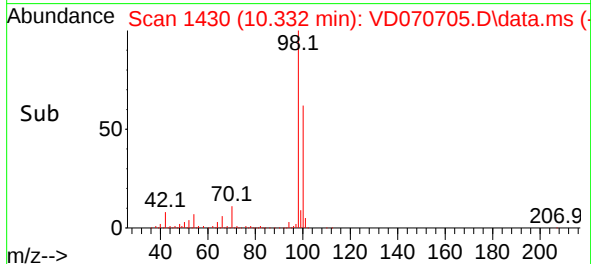
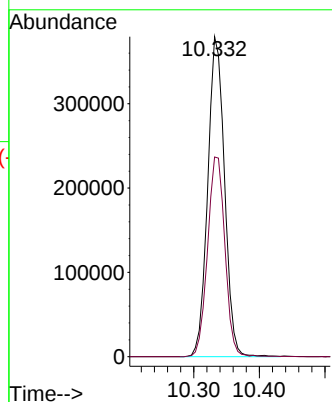
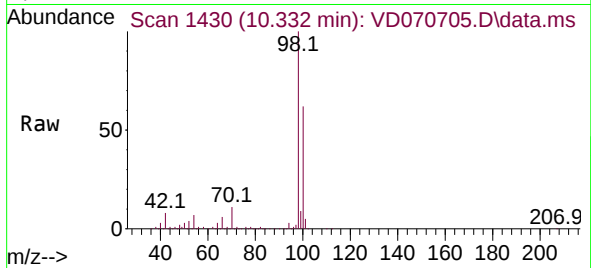




#50
Toluene-d8
Concen: 49.212 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

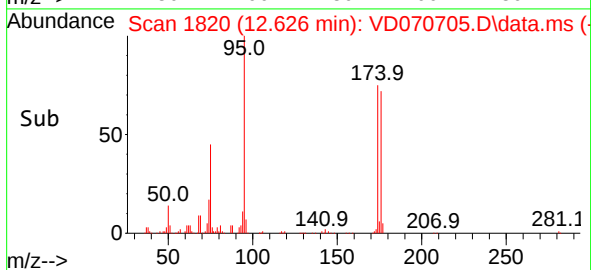
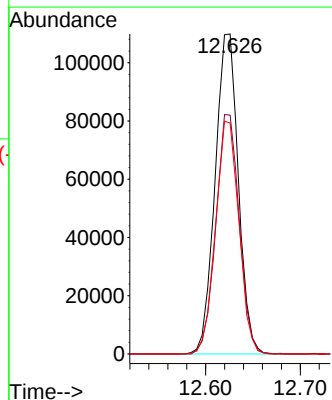
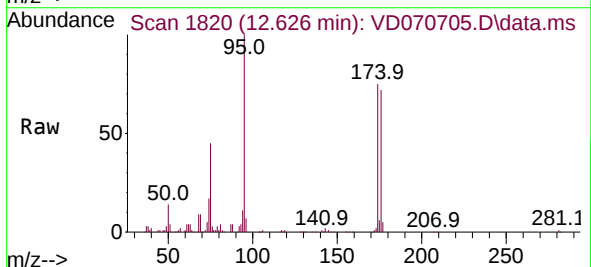
Instrument :
MSVOA_D
ClientSampleId :
351

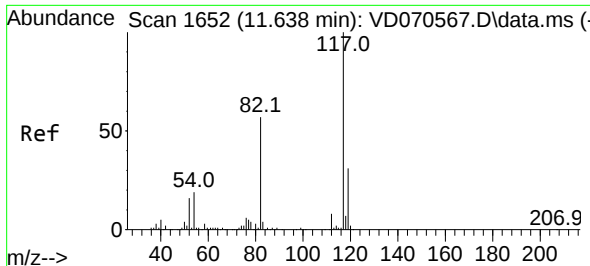
Tgt Ion: 98 Resp: 676803
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 40.711 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

Tgt Ion: 95 Resp: 187131
Ion Ratio Lower Upper
95 100
174 75.3 0.0 138.0
176 73.2 0.0 135.6

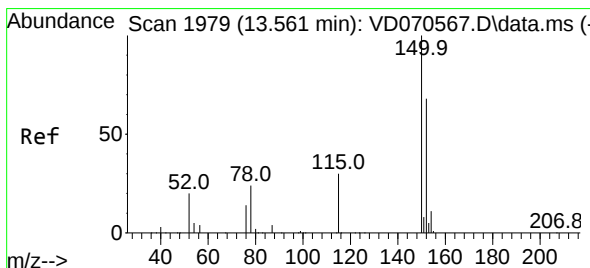
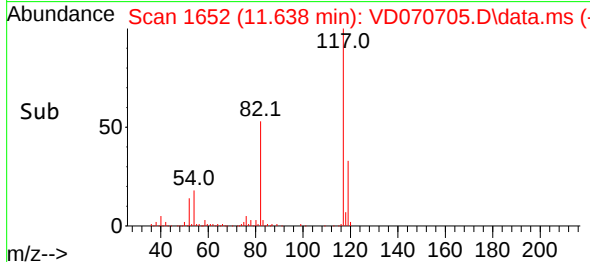
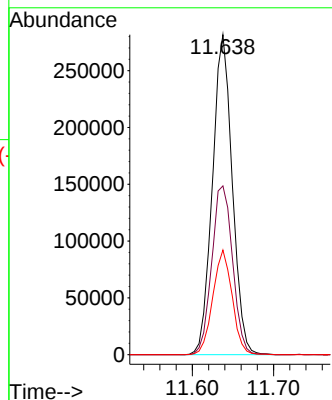
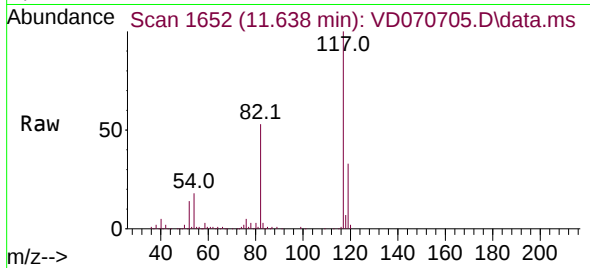




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070705.D
Acq: 13 Oct 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
351

Tgt Ion:117 Resp: 478449
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.2
119 32.7 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: VD070705.D
Acq: 13 Oct 2021 18:43

Tgt Ion:152 Resp: 181402
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 157.9 0.0 350.0

