

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070785.D
 Acq On : 20 Oct 2021 19:39
 Operator : VA/SY
 Sample : M4285-13
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GB-(1)

Quant Time: Oct 21 05:41:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	46486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	76372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	37460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	51361	93.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	186.56%#
35) Dibromofluoromethane	7.914	113	34129	69.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.58%
50) Toluene-d8	10.332	98	101999	54.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.82%
62) 4-Bromofluorobenzene	12.620	95	35704	55.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.64%

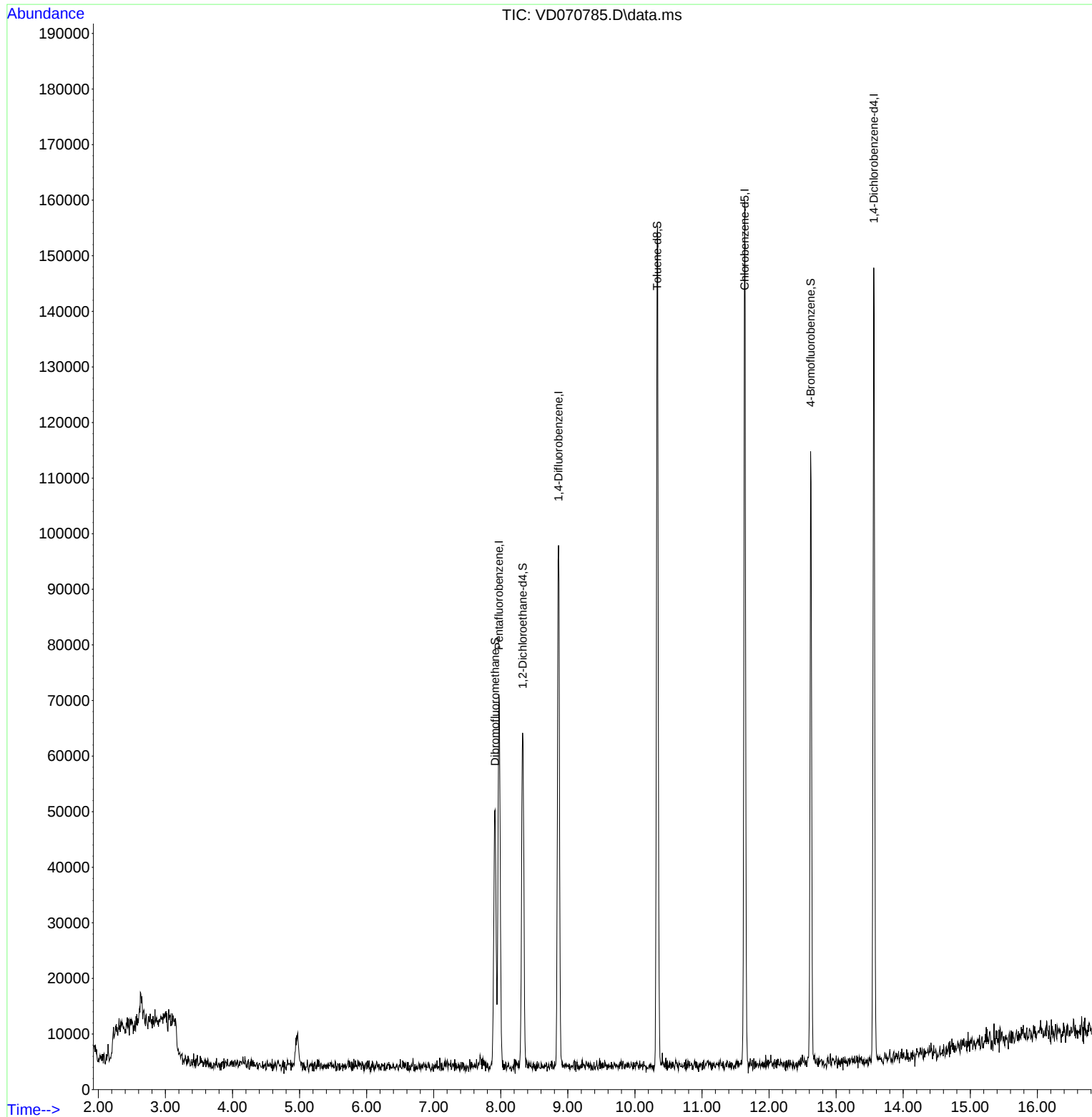
Target Compounds	Qvalue

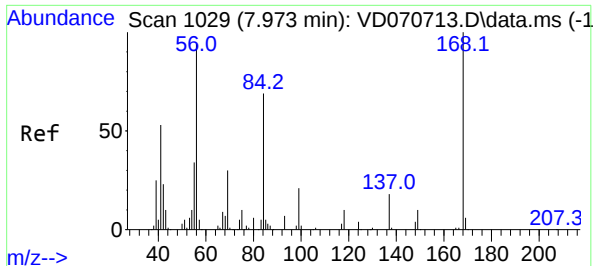
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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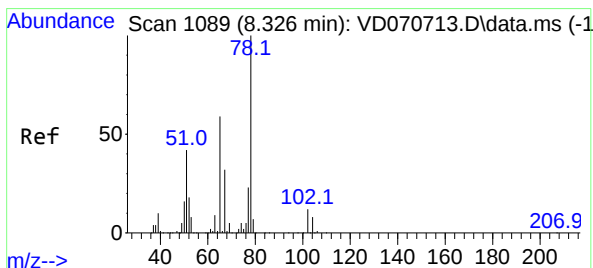
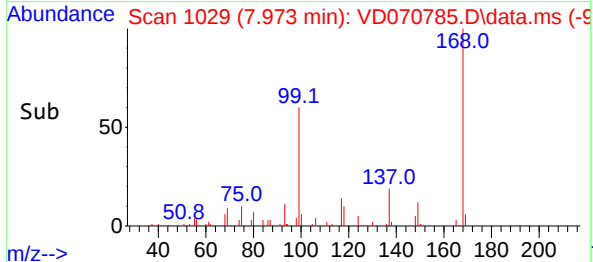
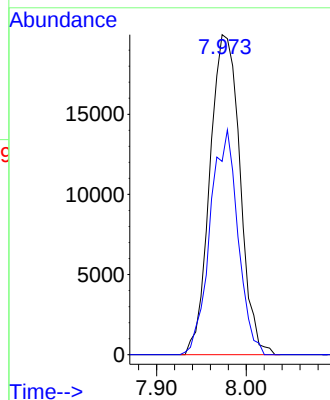
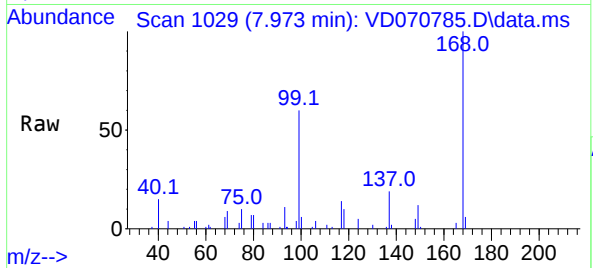




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. 0.000 min
 Lab File: VD070785.D
 Acq: 20 Oct 2021 19:39

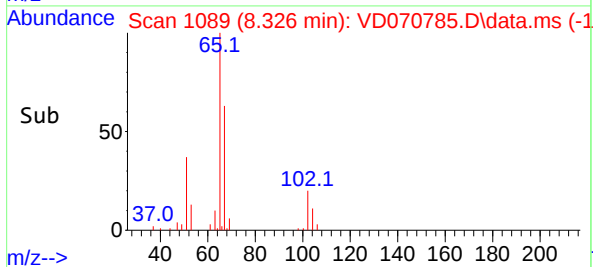
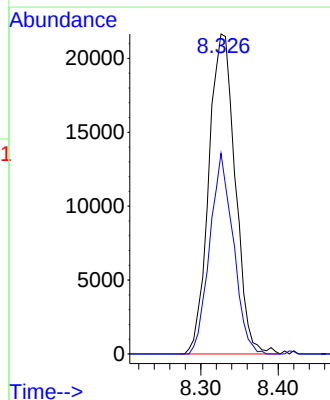
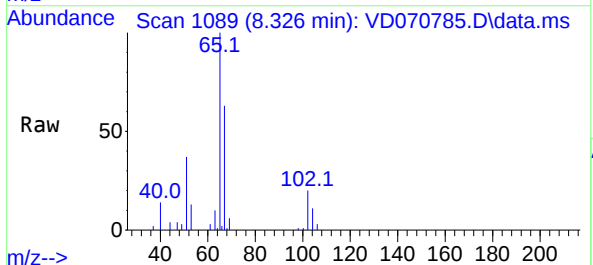
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GB-(1)

Tgt Ion:168 Resp: 46486
 Ion Ratio Lower Upper
 168 100
 99 60.4 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 93.28 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070785.D
 Acq: 20 Oct 2021 19:39

Tgt Ion: 65 Resp: 51361
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.2



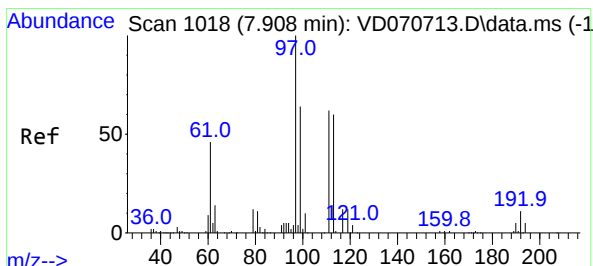
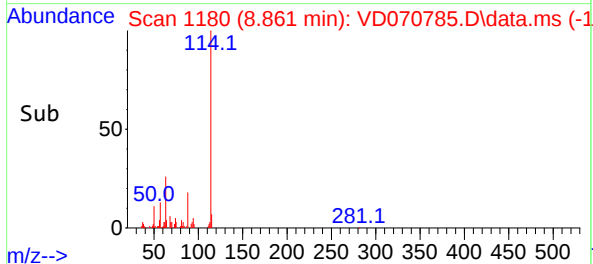
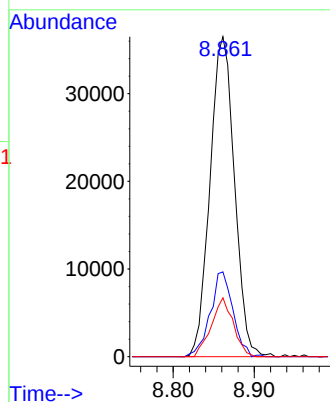
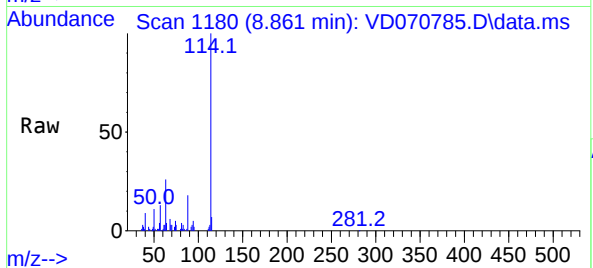


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070785.D
Acq: 20 Oct 2021 19:39

Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)

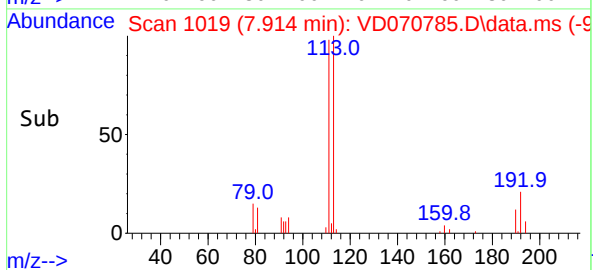
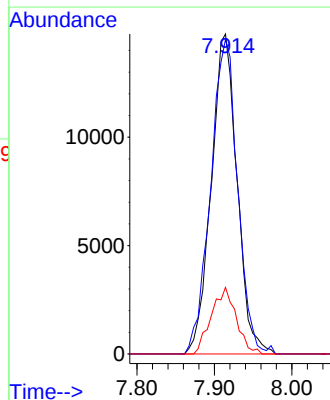
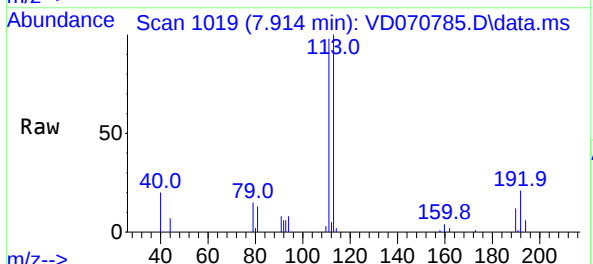
Tgt Ion:114	Resp:	76372
Ion Ratio	Lower	Upper
114	100	
63	26.5	0.0 41.8
88	18.4	0.0 32.6

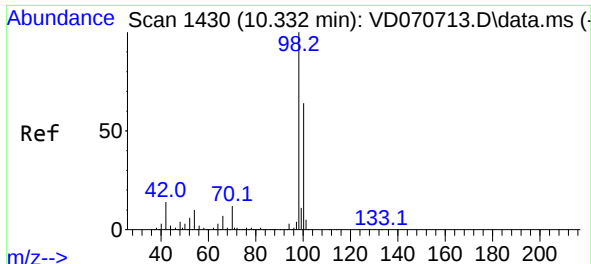


#35

Dibromofluoromethane
Concen: 69.79 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070785.D
Acq: 20 Oct 2021 19:39

Tgt Ion:113	Resp:	34129
Ion Ratio	Lower	Upper
113	100	
111	103.0	83.1 124.7
192	20.0	12.7 19.1#

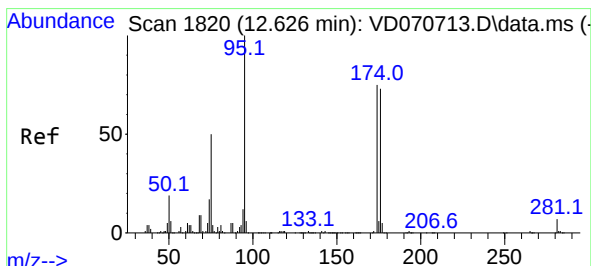
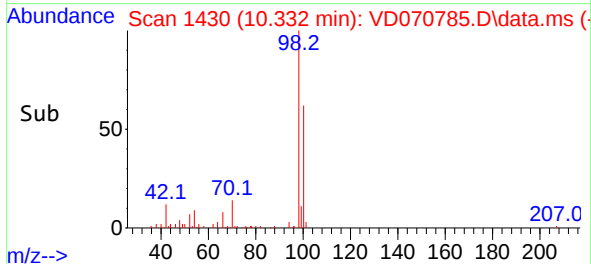
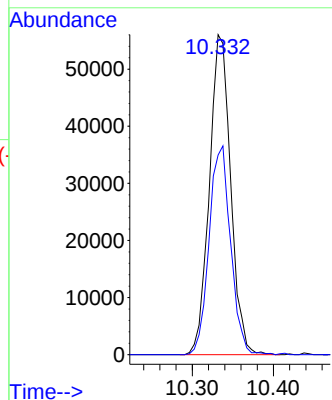
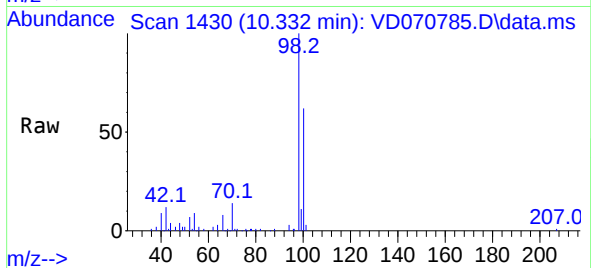




#50
Toluene-d8
Concen: 54.41 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070785.D
Acq: 20 Oct 2021 19:39

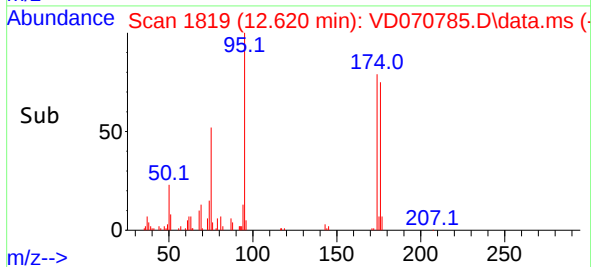
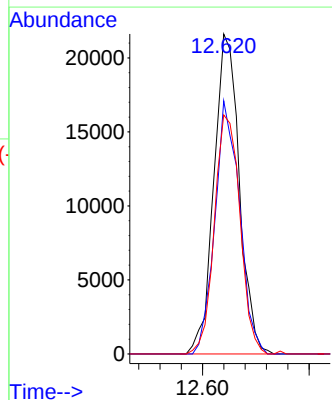
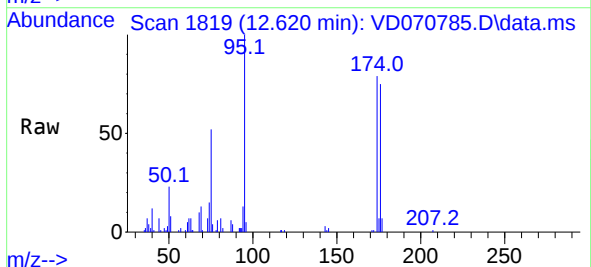
Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)

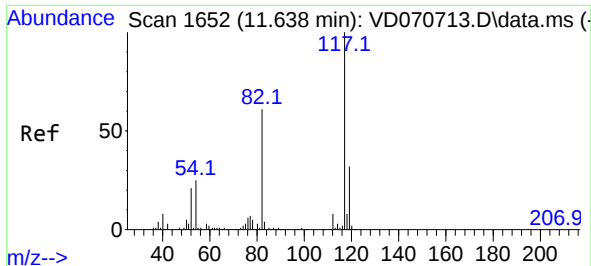
Tgt Ion: 98 Resp: 101999
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.32 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070785.D
Acq: 20 Oct 2021 19:39

Tgt Ion: 95 Resp: 35704
Ion Ratio Lower Upper
95 100
174 76.9 0.0 138.0
176 75.3 0.0 135.6

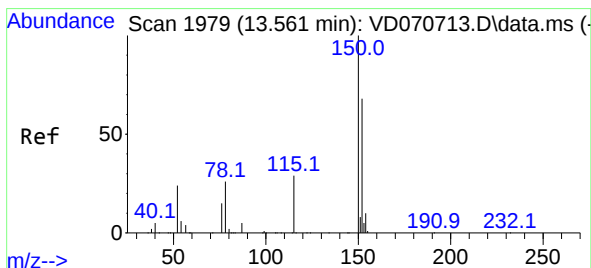
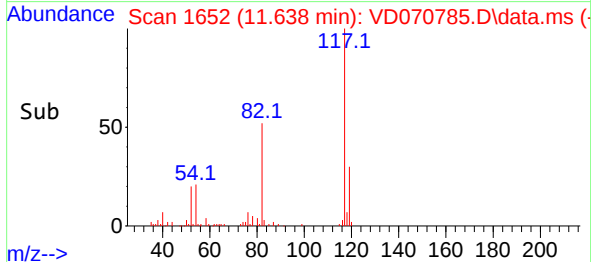
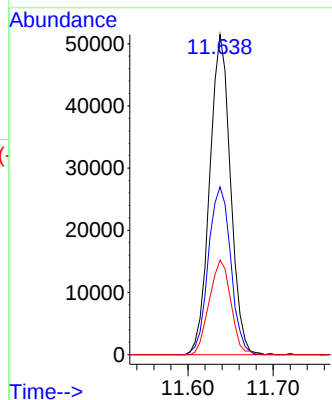
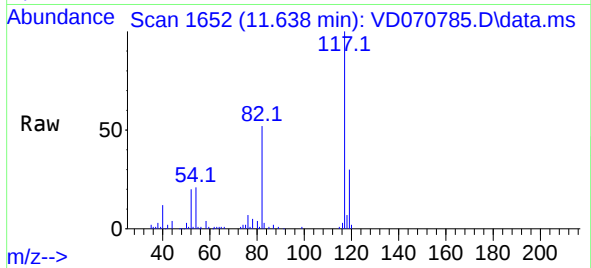




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070785.D
Acq: 20 Oct 2021 19:39

Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)

Tgt Ion:117 Resp: 87263
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.2
119 29.5 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: VD070785.D
Acq: 20 Oct 2021 19:39

Tgt Ion:152 Resp: 37460
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.7
150 159.5 0.0 350.0

