

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072754.D
 Acq On : 02 May 2022 19:03
 Operator : VA/SY
 Sample : N2609-01
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: May 03 08:36:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	362618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233728	49.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.908	113	244175	48.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.332	98	886885	49.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.620	95	308778	45.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%

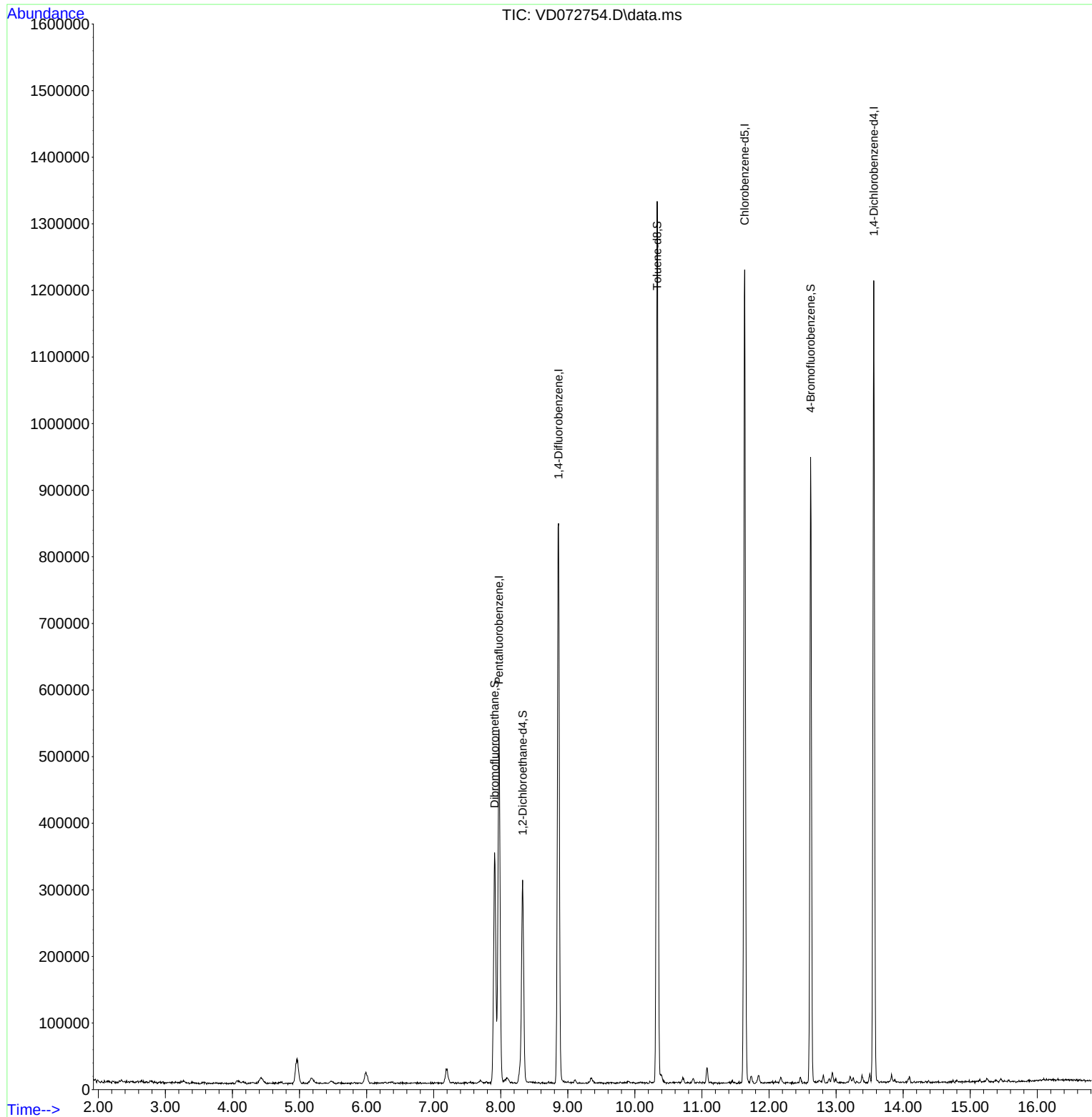
Target Compounds	Qvalue

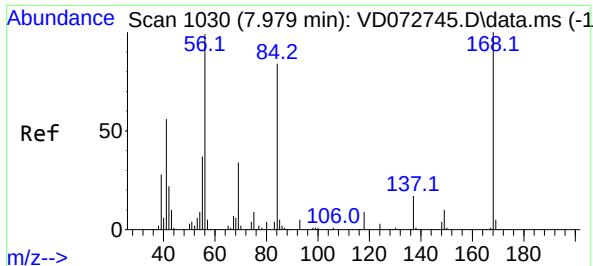
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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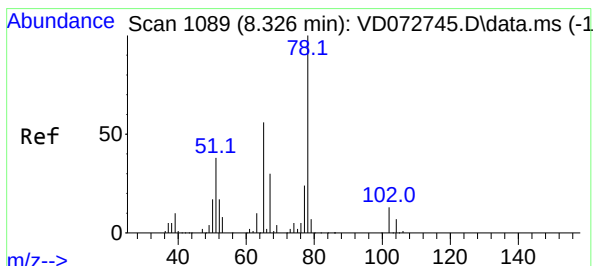
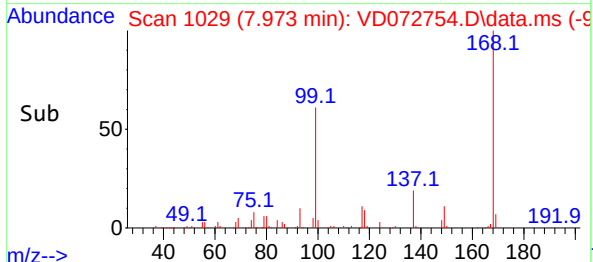
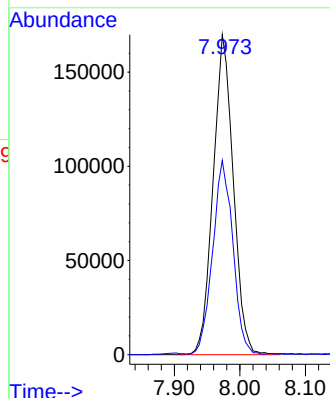
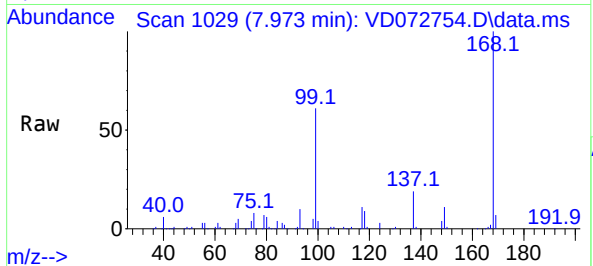




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

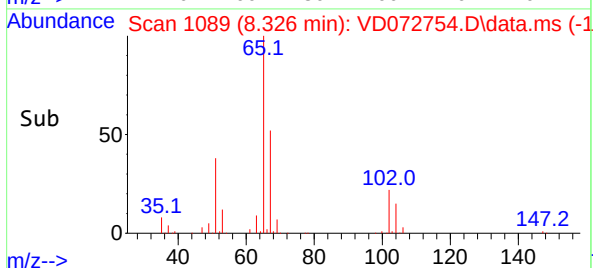
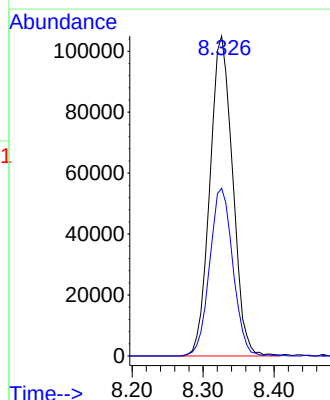
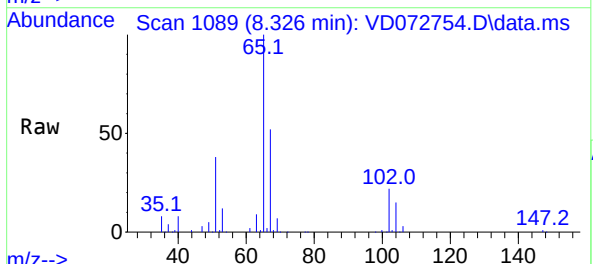
Instrument :
MSVOA_D
ClientSampleId :
WC-1

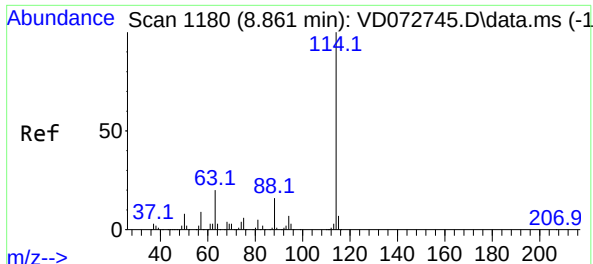
Tgt Ion:168 Resp: 362618
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.655 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Tgt Ion: 65 Resp: 233728
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4



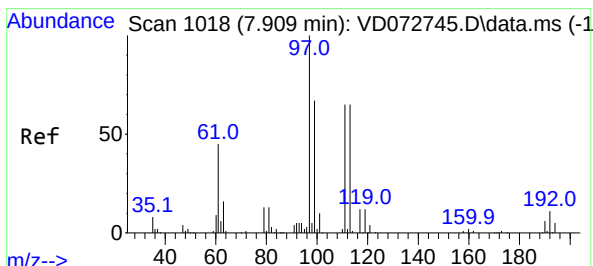
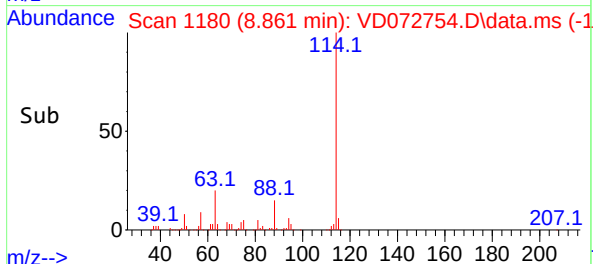
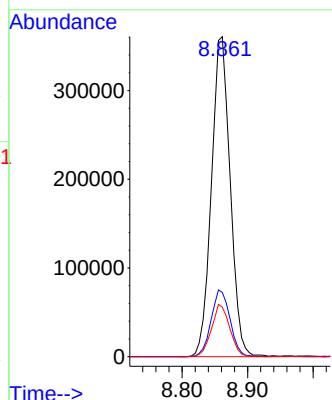
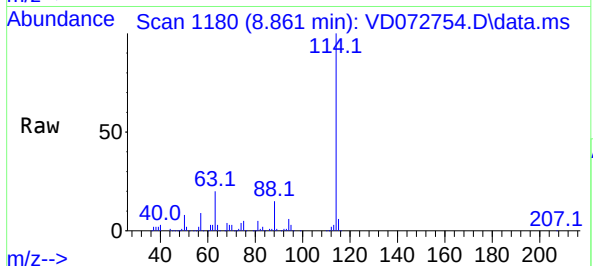


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:114 Resp: 715932

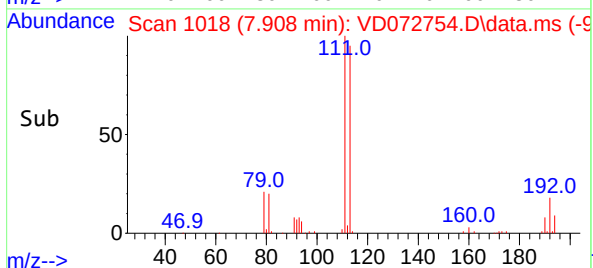
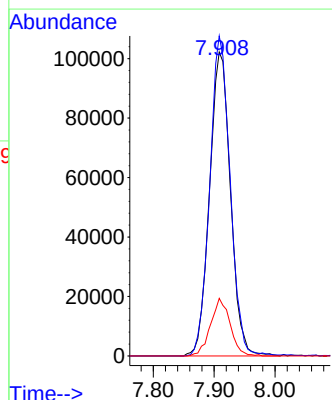
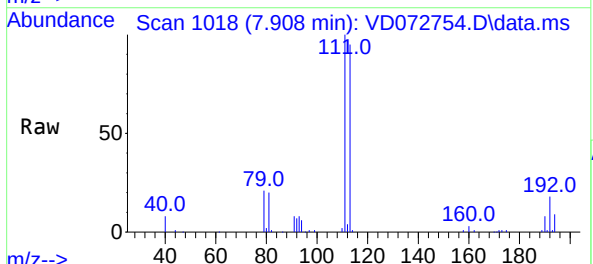
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	15.4	0.0	33.2

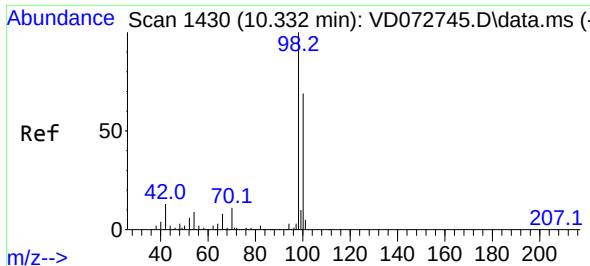


#35
Dibromofluoromethane
Concen: 48.562 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Tgt Ion:113 Resp: 244175

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.8	125.6
192	17.8	14.6	21.8

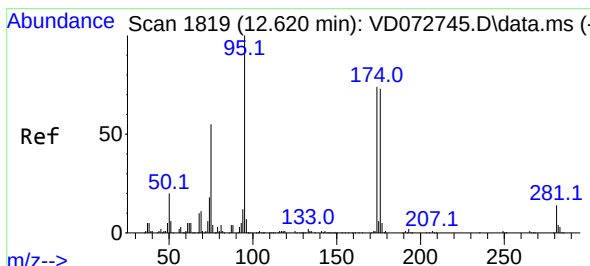
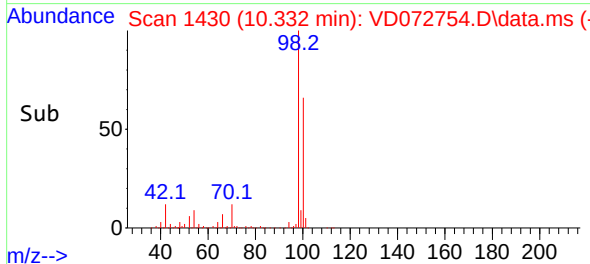
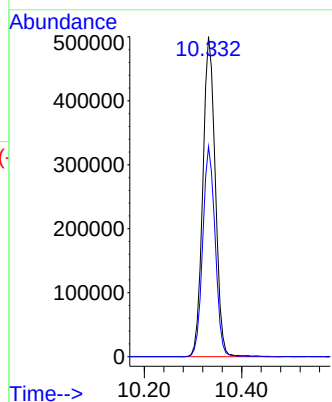
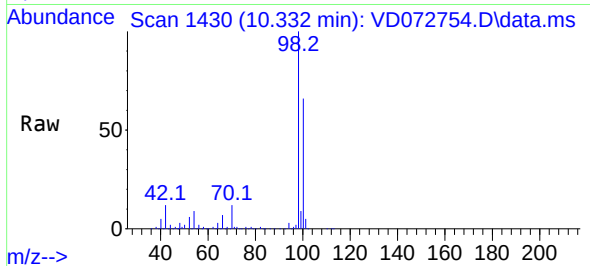




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

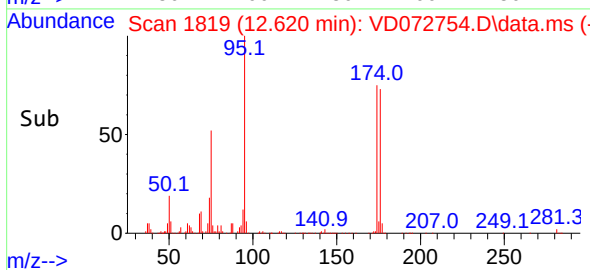
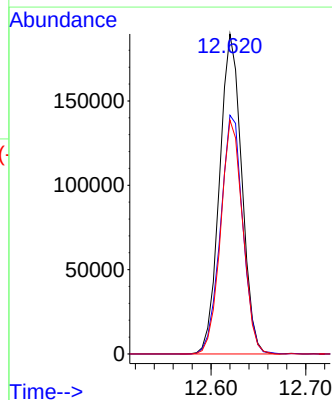
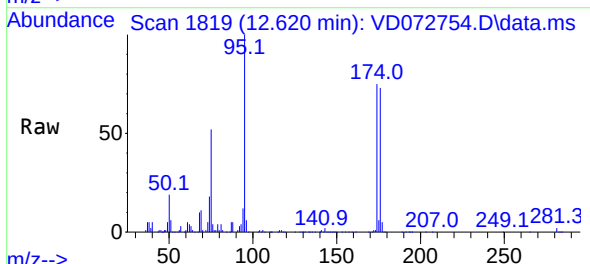
Instrument :
MSVOA_D
ClientSampleId :
WC-1

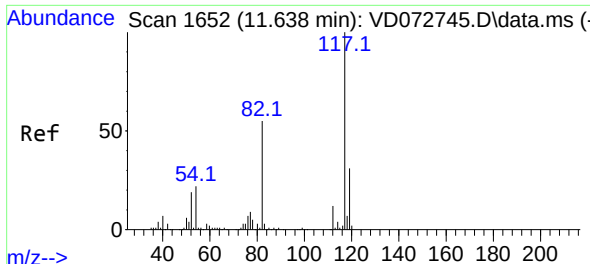
Tgt Ion: 98 Resp: 886885
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.914 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Tgt Ion: 95 Resp: 308778
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 72.4 0.0 145.4

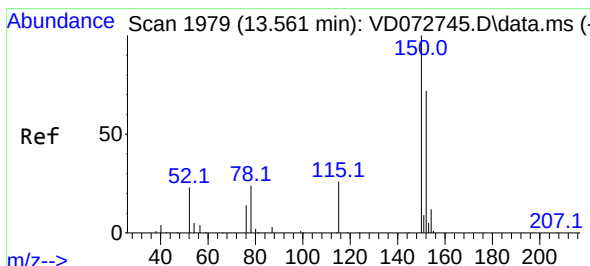
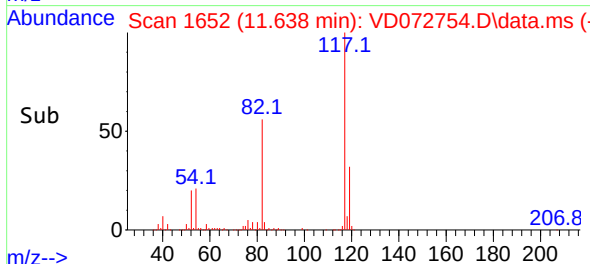
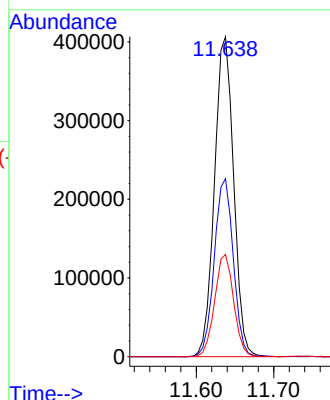
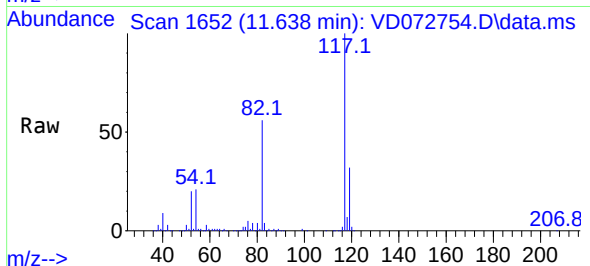




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 698597
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072754.D
Acq: 02 May 2022 19:03

Tgt Ion:152 Resp: 311897
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 157.2 0.0 348.6

