

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072587.D
 Acq On : 11 Apr 2022 14:54
 Operator : VA/SY
 Sample : N2335-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A350-CU

Quant Time: Apr 12 01:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	466771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	874827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	842313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	348314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	288609	51.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.220%
35) Dibromofluoromethane	7.908	113	285614	42.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.020%
50) Toluene-d8	10.332	98	1105201	46.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.620	95	384688	41.680	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.360%

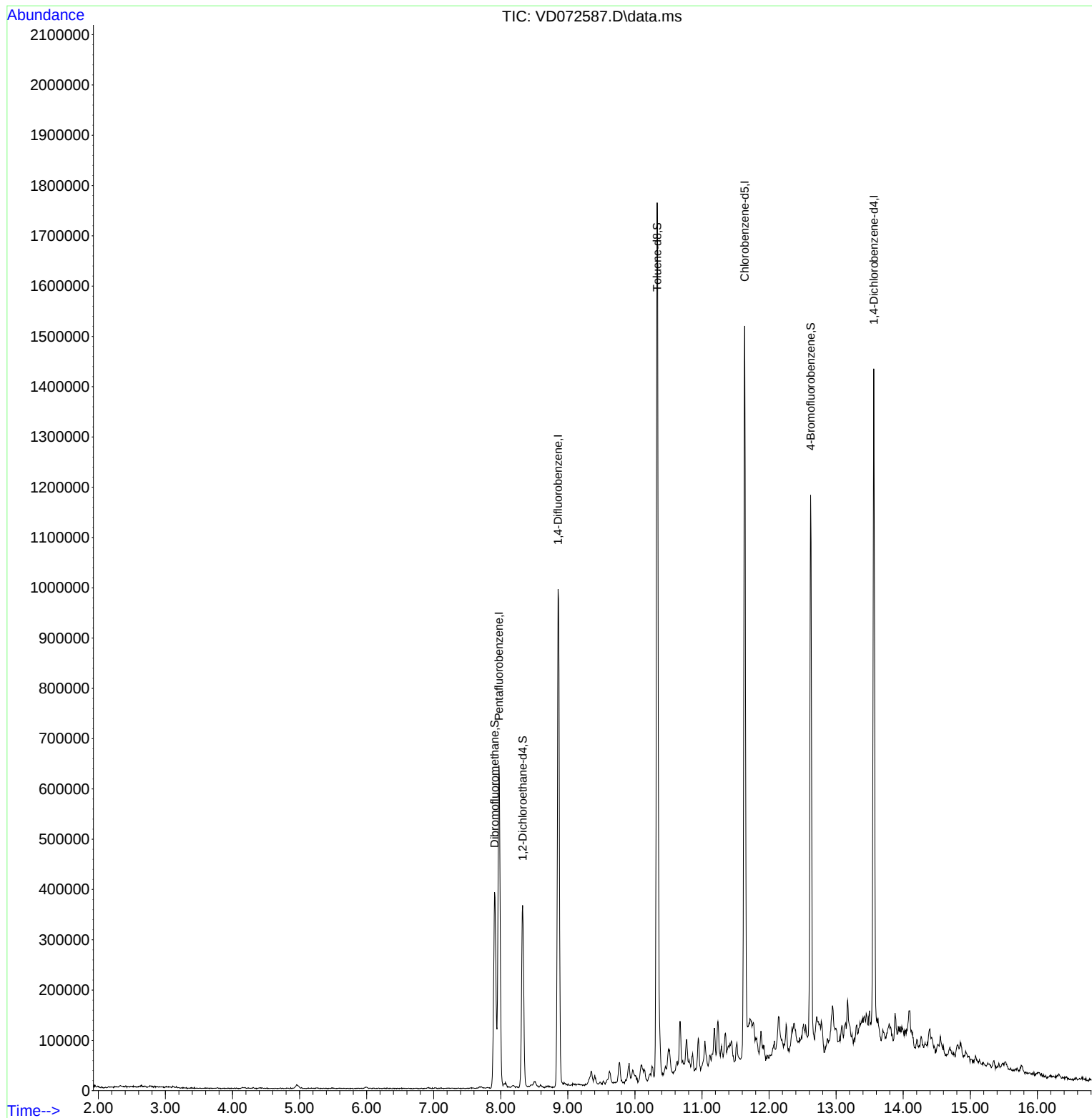
Target Compounds	Qvalue

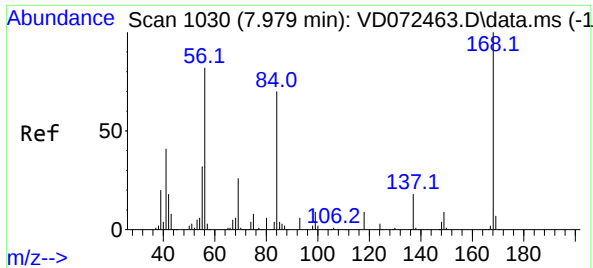
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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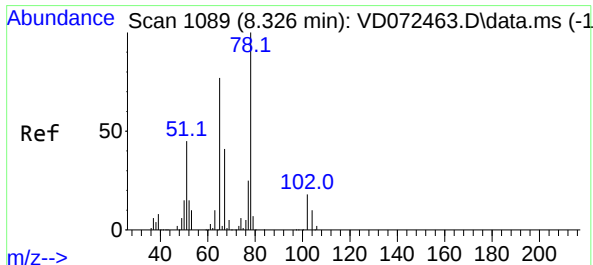
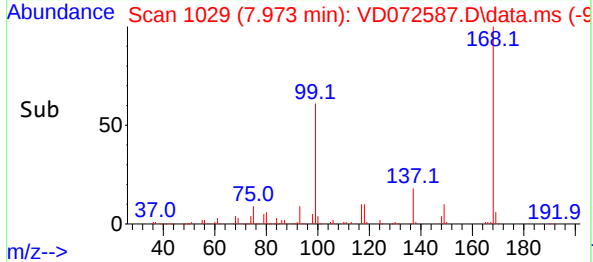
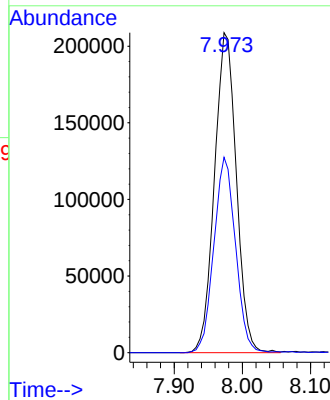
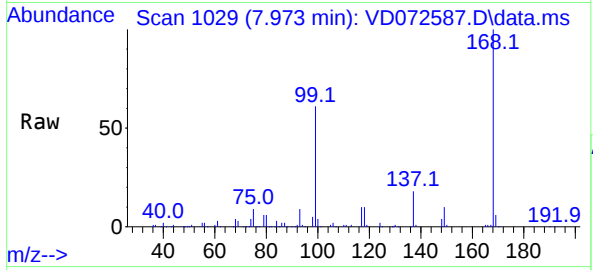




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

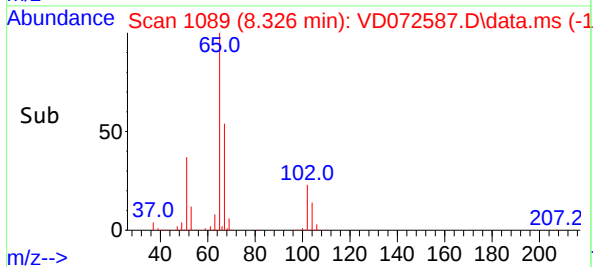
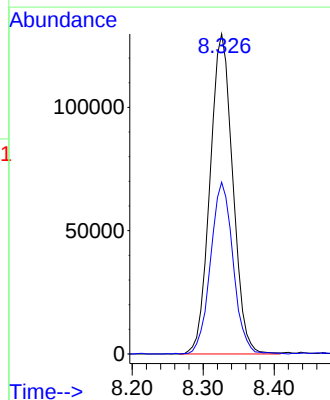
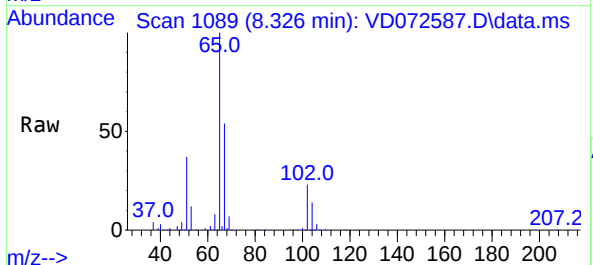
Instrument :
MSVOA_D
ClientSampleId :
A350-CU

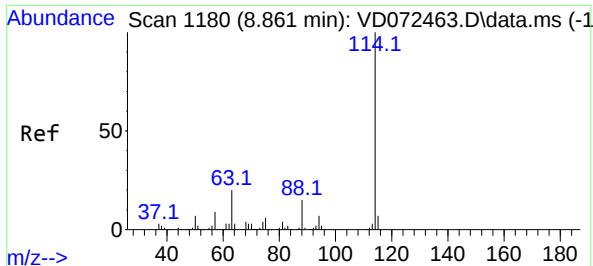
Tgt Ion:168 Resp: 466771
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

Tgt Ion: 65 Resp: 288609
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4

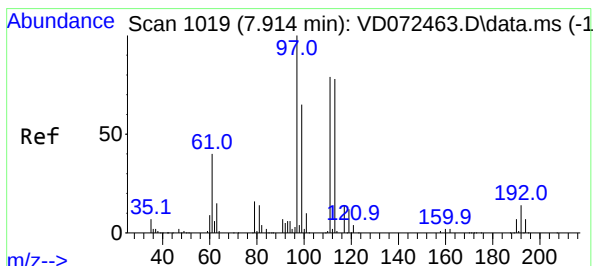
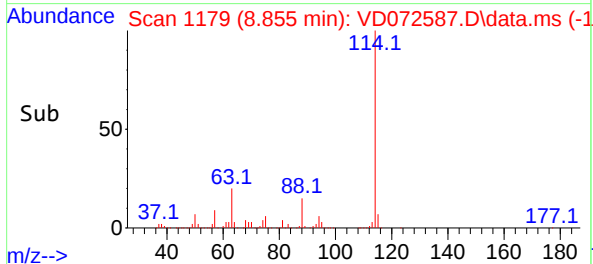
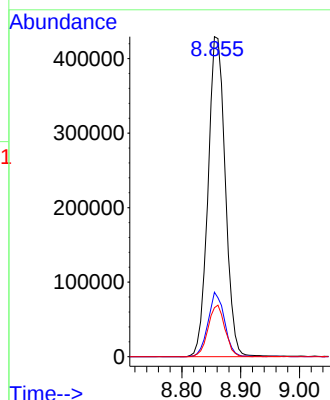
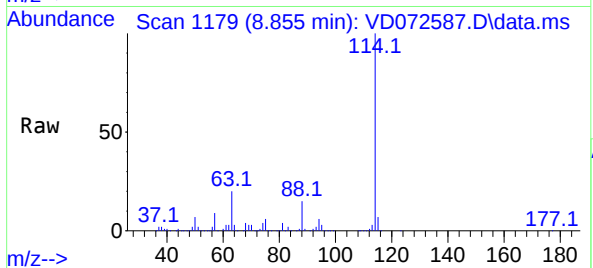




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

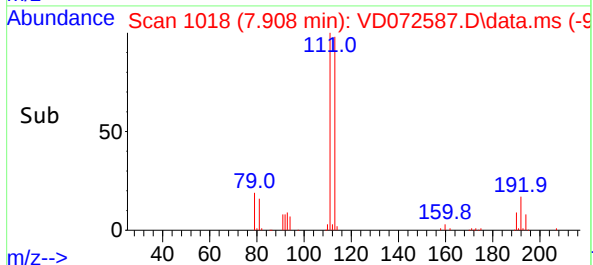
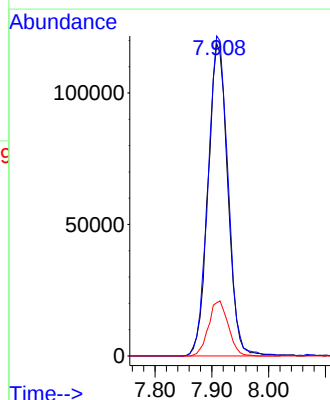
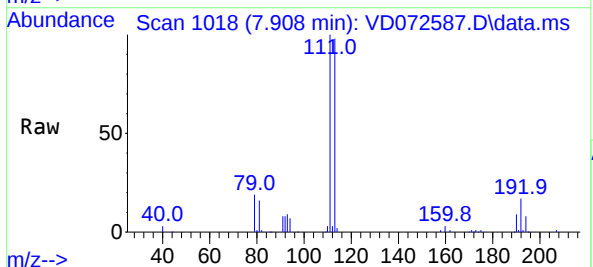
Instrument :
MSVOA_D
ClientSampleId :
A350-CU

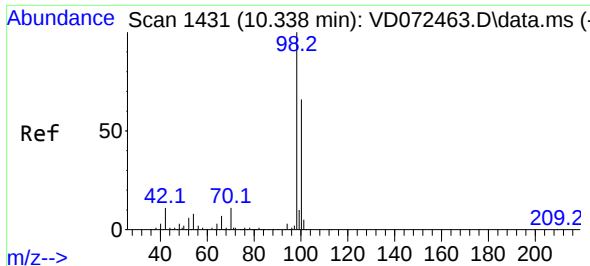
Tgt Ion:114 Resp: 874827
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.010 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

Tgt Ion:113 Resp: 285614
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.6 14.6 21.8

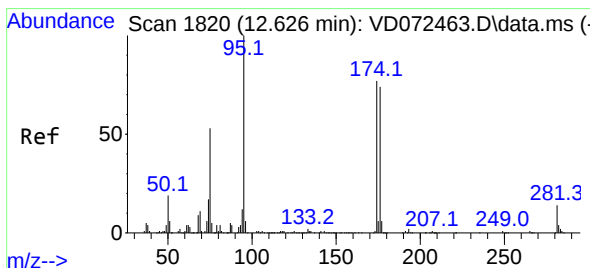
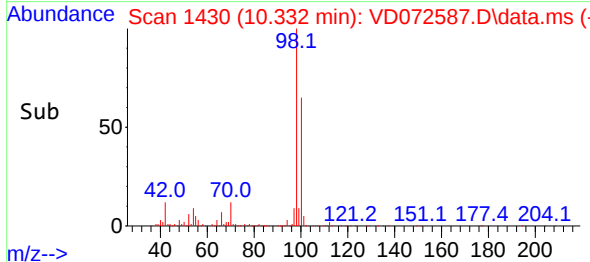
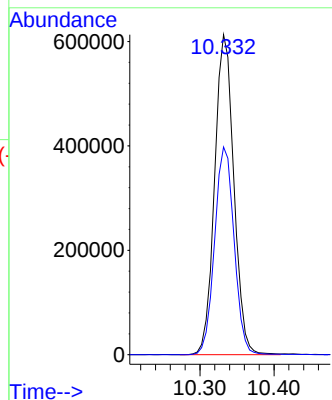
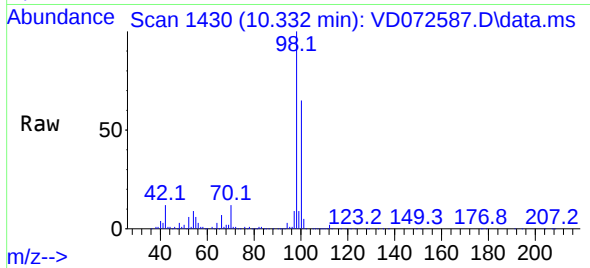




#50
Toluene-d8
Concen: 46.766 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

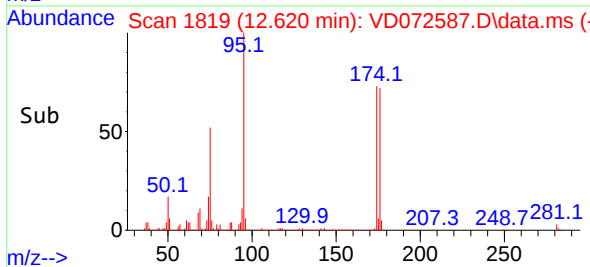
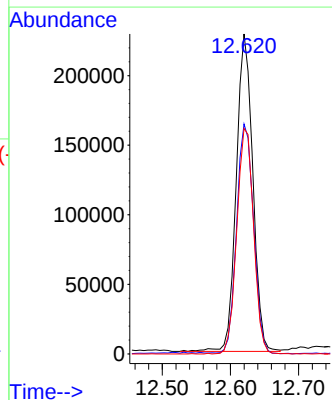
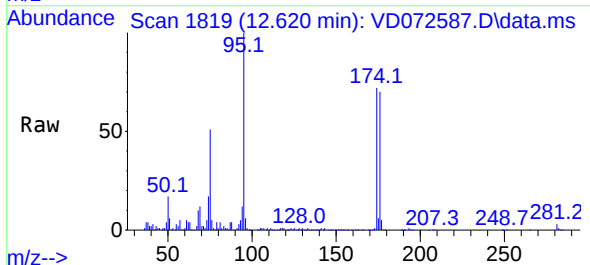
Instrument :
MSVOA_D
ClientSampleId :
A350-CU

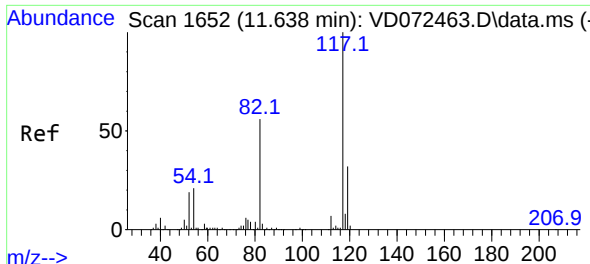
Tgt Ion: 98 Resp: 1105201
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.680 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

Tgt Ion: 95 Resp: 384688
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.2 0.0 145.4

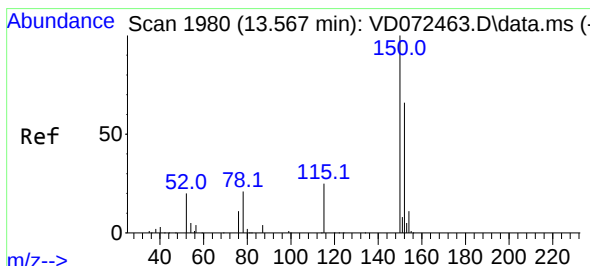
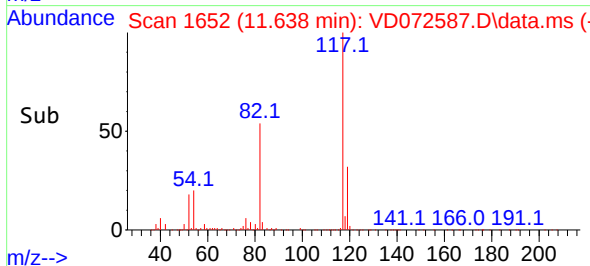
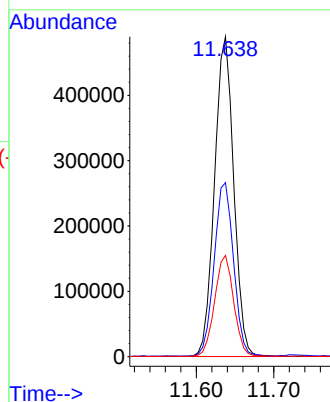
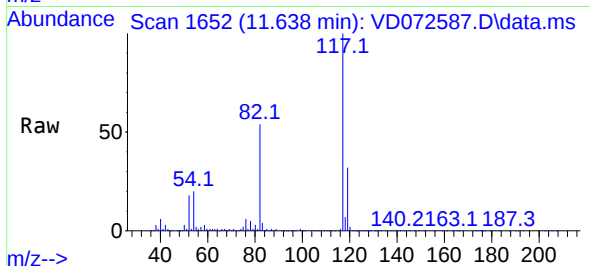




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

Instrument :
MSVOA_D
ClientSampleId :
A350-CU

Tgt Ion:117 Resp: 842313
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072587.D
Acq: 11 Apr 2022 14:54

Tgt Ion:152 Resp: 348314
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 154.0 0.0 348.6

