

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072559.D
 Acq On : 08 Apr 2022 14:29
 Operator : VA/SY
 Sample : N2317-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WEST-1

Quant Time: Apr 09 00:35:57 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	517371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	934281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	875477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	397546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295367	47.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.380%
35) Dibromofluoromethane	7.909	113	310561	42.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.540%
50) Toluene-d8	10.332	98	1124966	44.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.140%
62) 4-Bromofluorobenzene	12.620	95	417579	42.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.720%

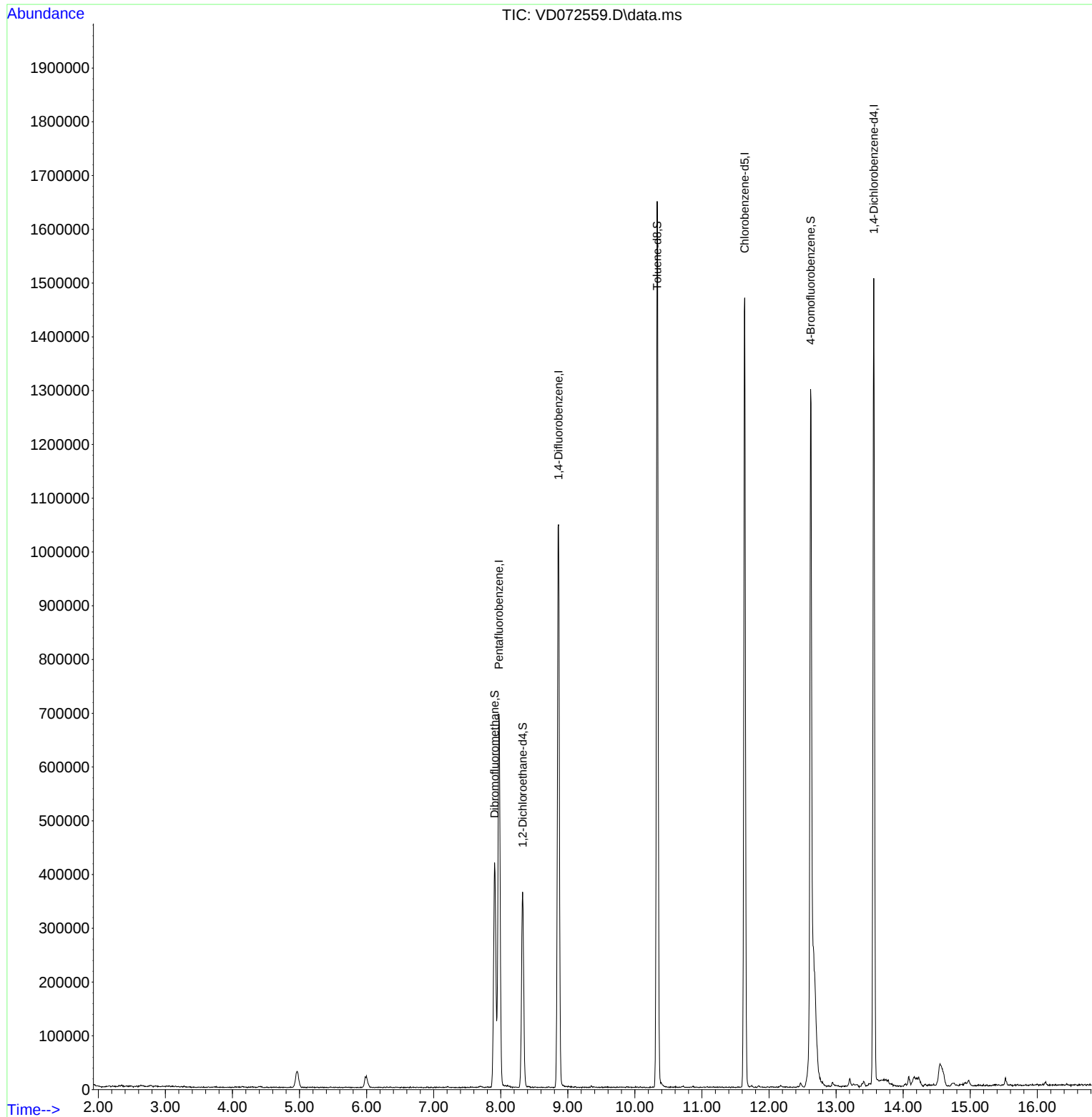
Target Compounds	Qvalue

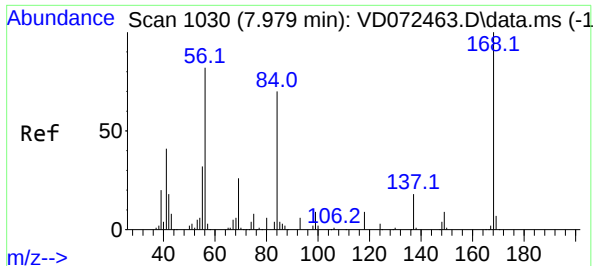
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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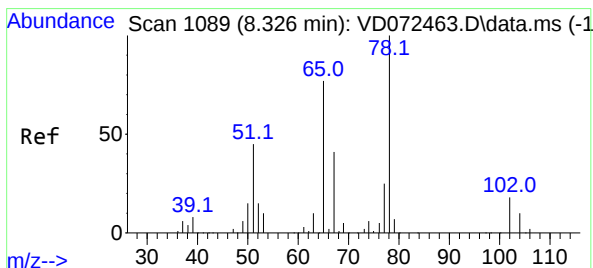
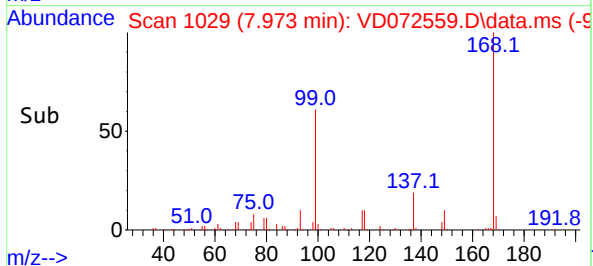
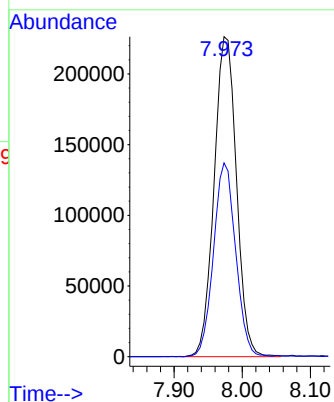
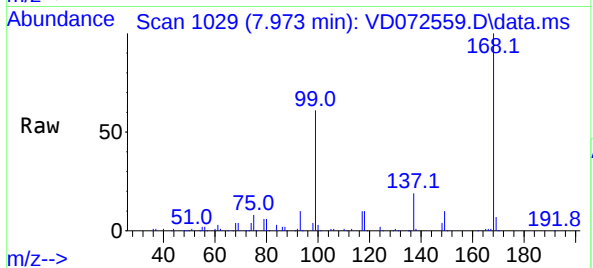




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

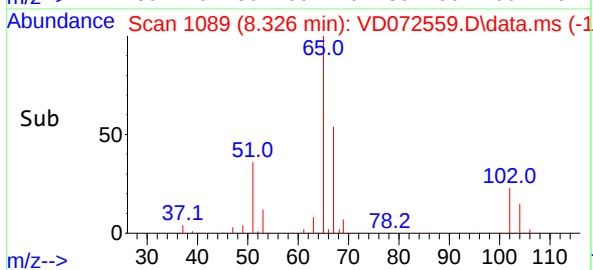
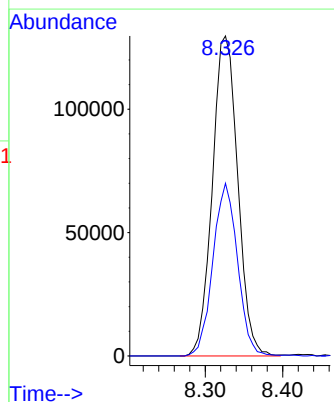
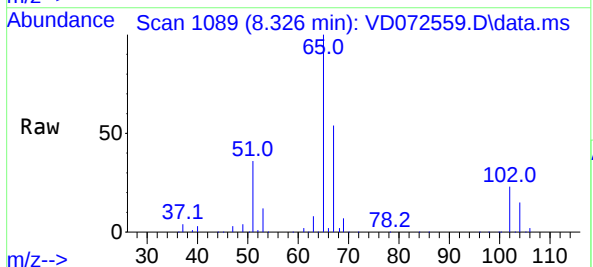
Instrument :
MSVOA_D
ClientSampleId :
WEST-1

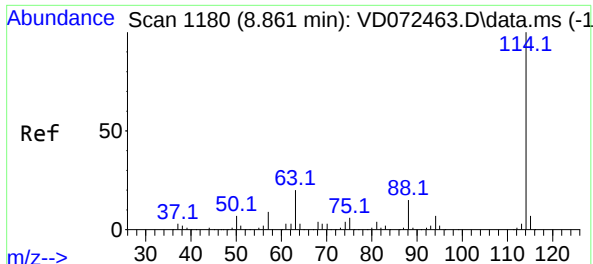
Tgt Ion:168 Resp: 517371
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.194 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

Tgt Ion: 65 Resp: 295367
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

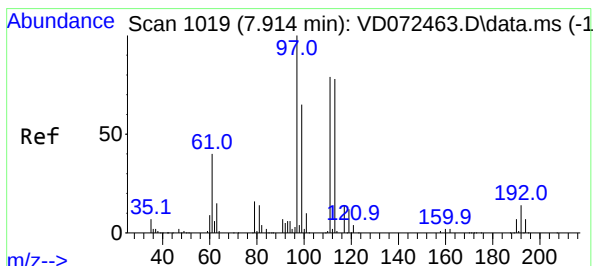
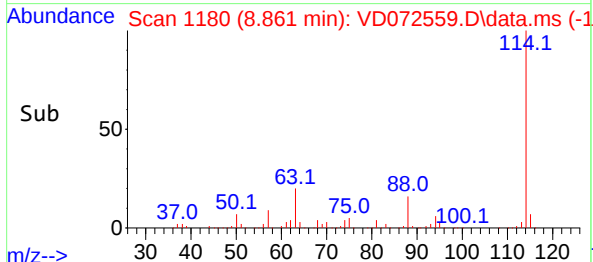
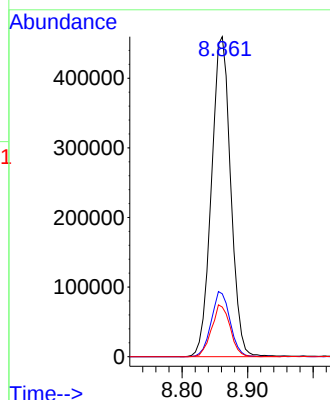
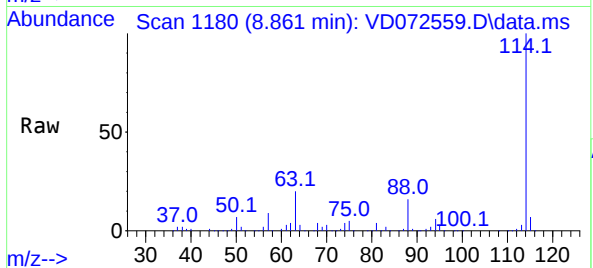




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

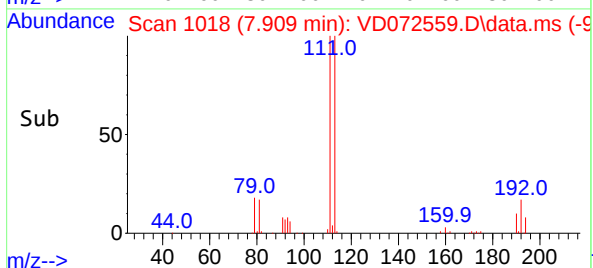
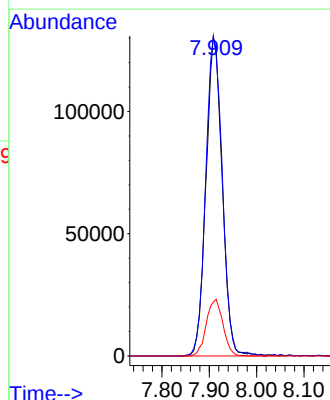
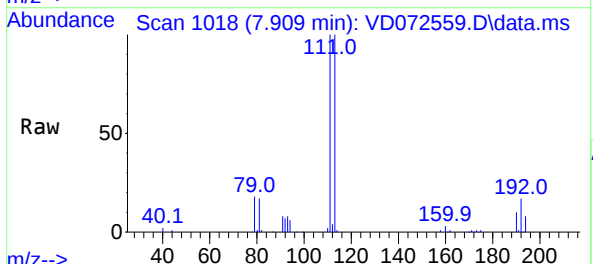
Instrument :
MSVOA_D
ClientSampleId :
WEST-1

Tgt Ion:114 Resp: 934281
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.773 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

Tgt Ion:113 Resp: 310561
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 18.2 14.6 21.8

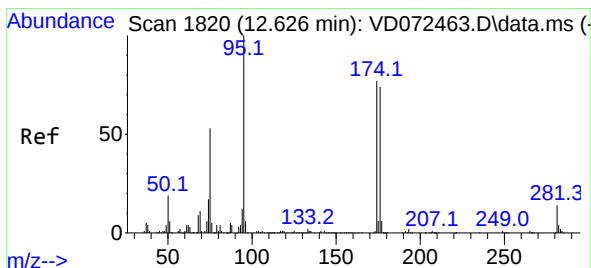
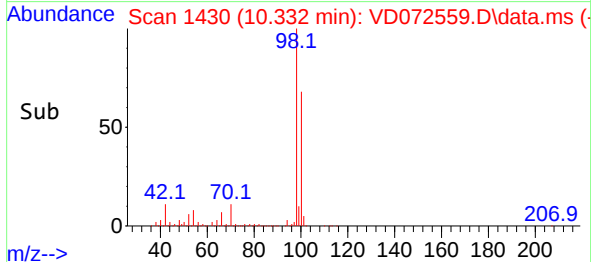
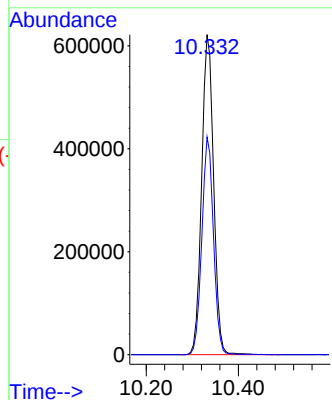
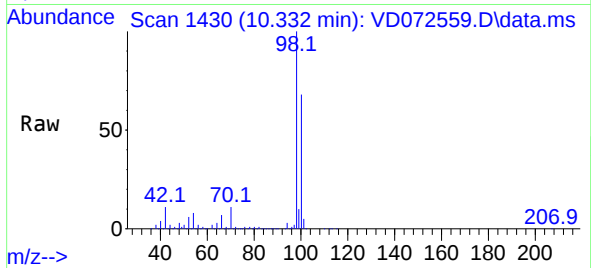




#50
Toluene-d8
Concen: 44.573 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

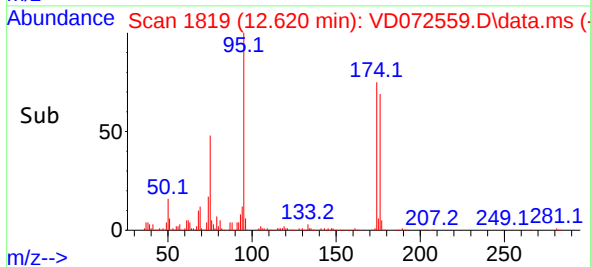
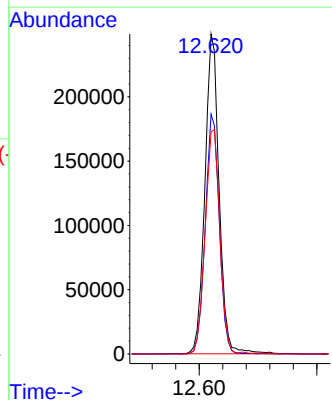
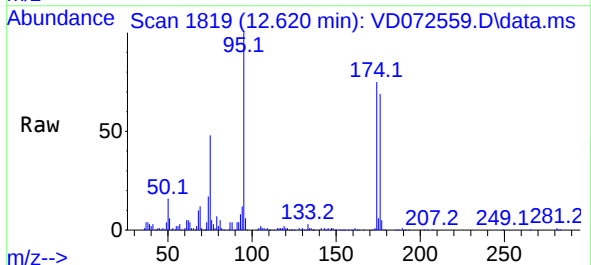
Instrument :
MSVOA_D
ClientSampleId :
WEST-1

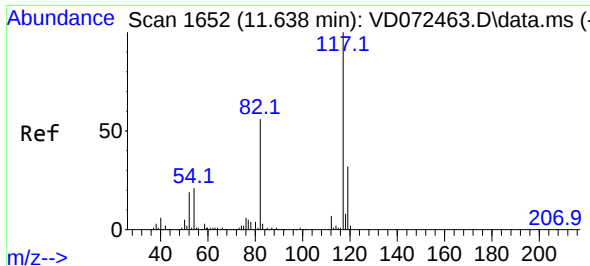
Tgt Ion: 98 Resp: 1124966
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.365 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

Tgt Ion: 95 Resp: 417579
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 72.3 0.0 145.4

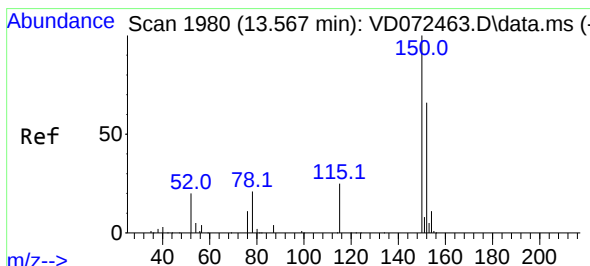
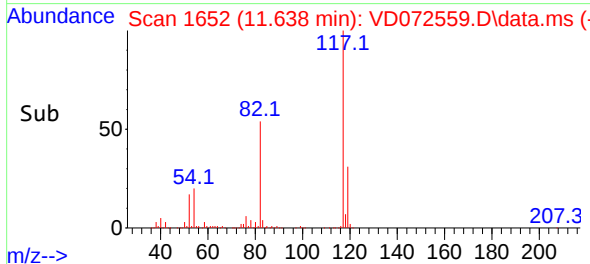
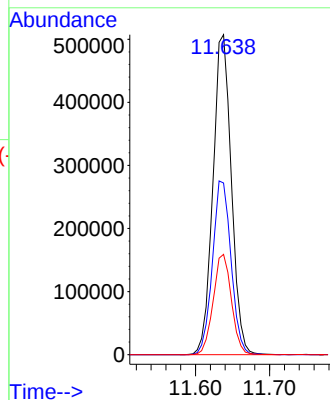
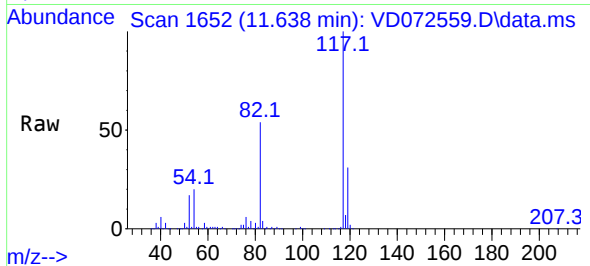




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072559.D
Acq: 08 Apr 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
WEST-1

Tgt Ion:	117	Resp:	875477
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.3	67.9
119	31.3	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: VD072559.D
Acq: 08 Apr 2022 14:29

Tgt Ion:	152	Resp:	397546
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	157.5	0.0	348.6

