

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072622.D
 Acq On : 19 Apr 2022 13:57
 Operator : VA/SY
 Sample : N2444-11
 Misc : 3.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11

Quant Time: Apr 20 05:02:34 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	432191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	866350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	839143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	381557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267384	51.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.280%
35) Dibromofluoromethane	7.908	113	281878	41.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.740%
50) Toluene-d8	10.332	98	1040186	44.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.620	95	375807	41.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.240%

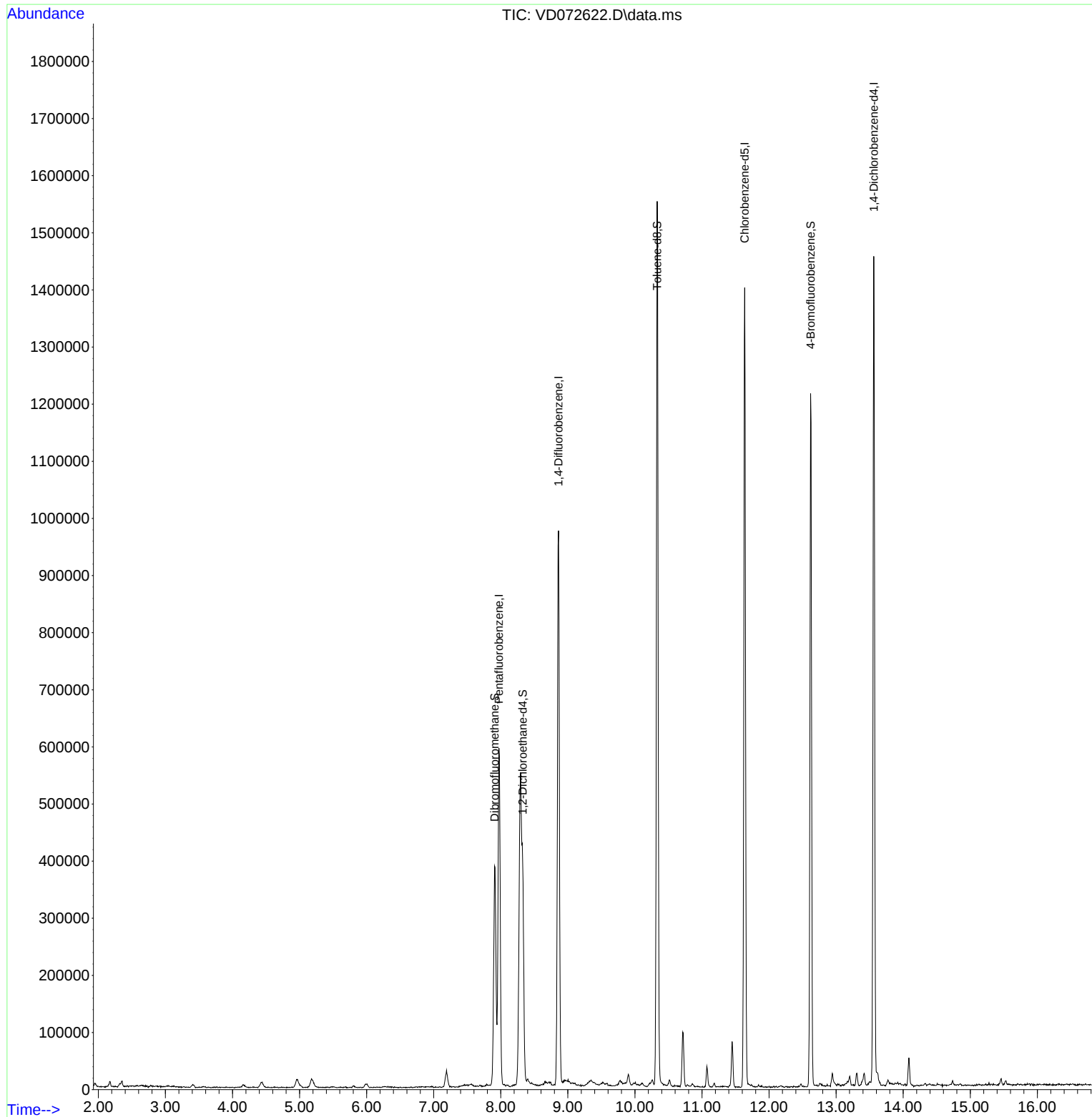
Target Compounds	Qvalue

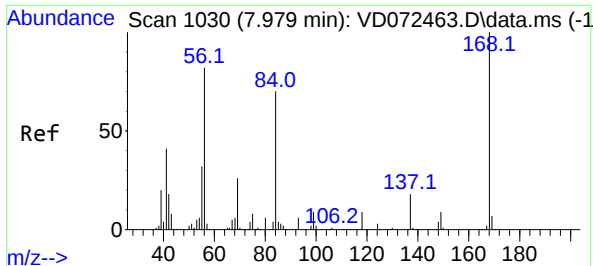
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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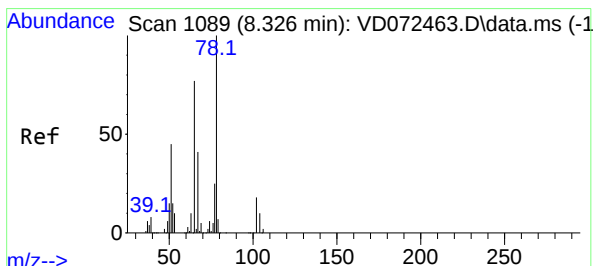
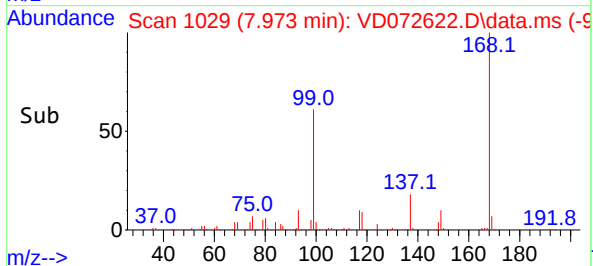
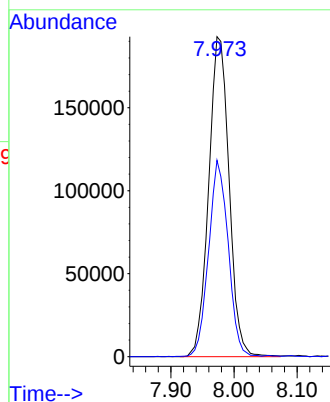
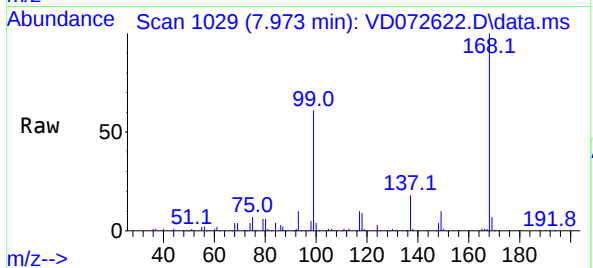




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

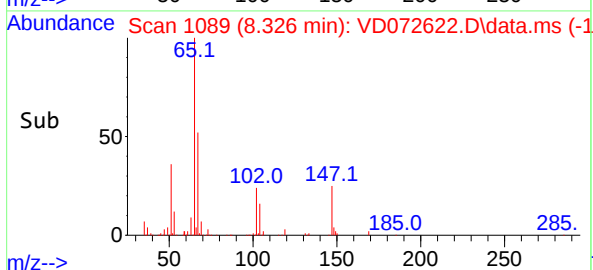
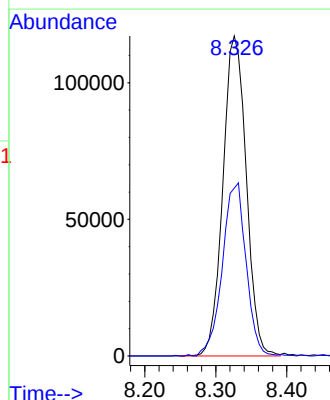
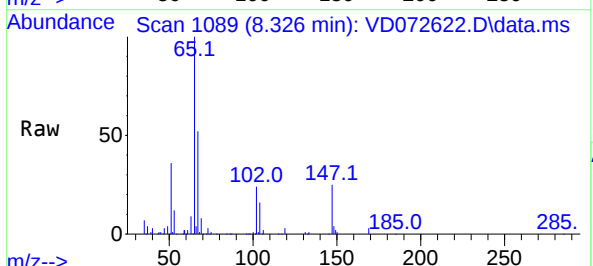
Instrument :
MSVOA_D
ClientSampleId :
SB-11

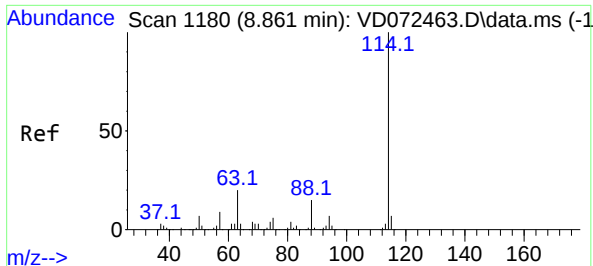
Tgt Ion:168 Resp: 432191
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.143 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

Tgt Ion: 65 Resp: 267384
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.4

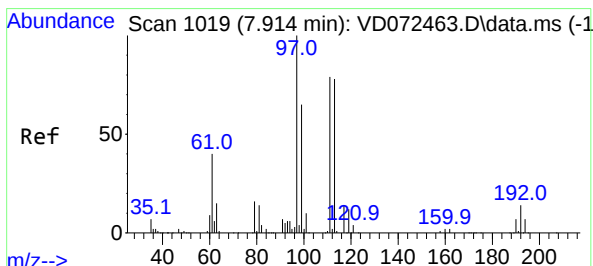
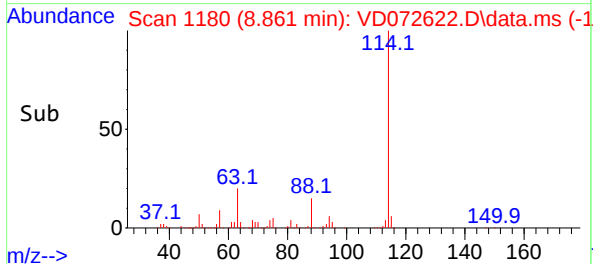
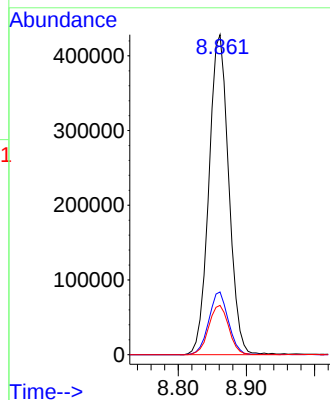
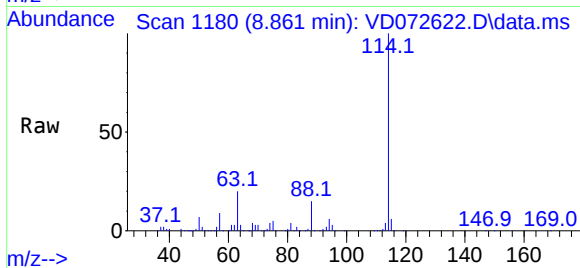




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

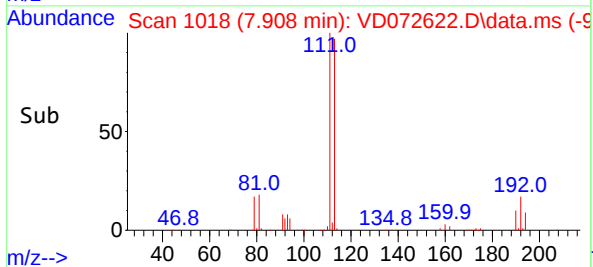
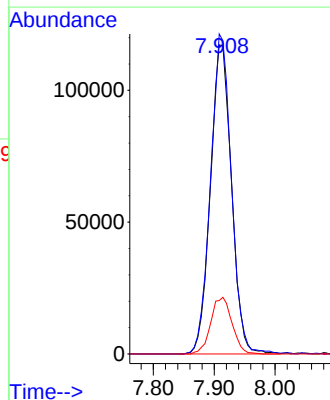
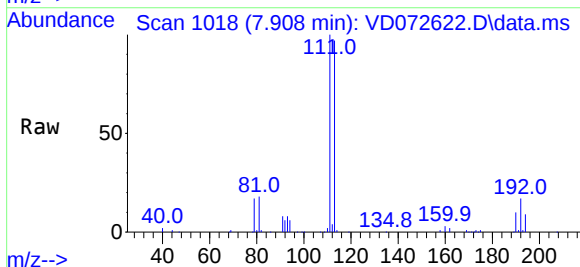
Instrument :
MSVOA_D
ClientSampleId :
SB-11

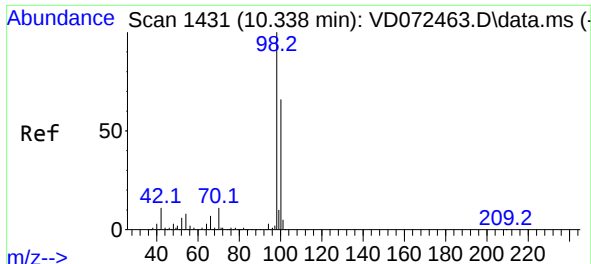
Tgt Ion:114 Resp: 866350
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.867 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

Tgt Ion:113 Resp: 281878
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.4 14.6 21.8

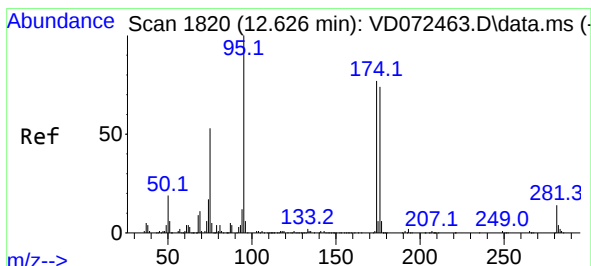
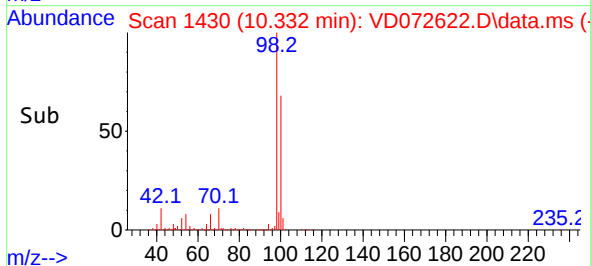
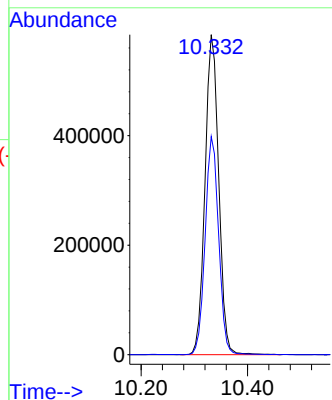
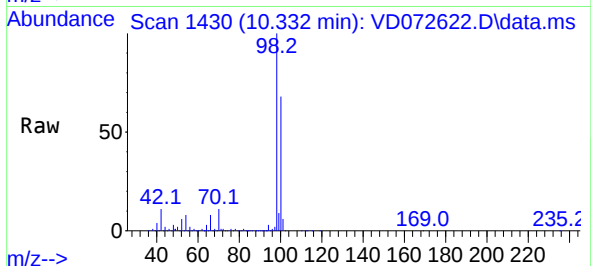




#50
Toluene-d8
Concen: 44.446 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

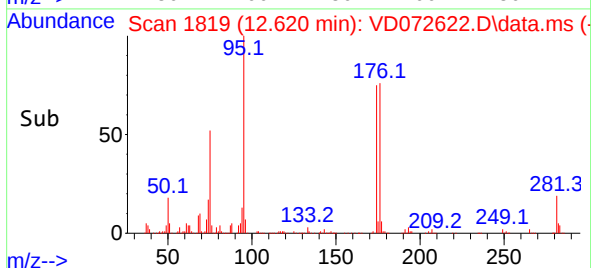
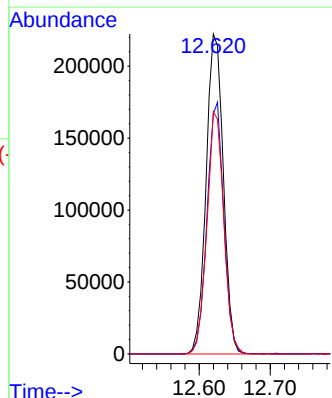
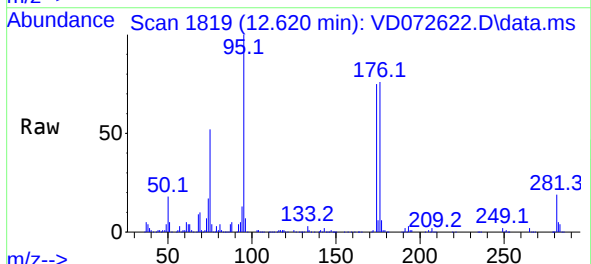
Instrument :
MSVOA_D
ClientSampleId :
SB-11

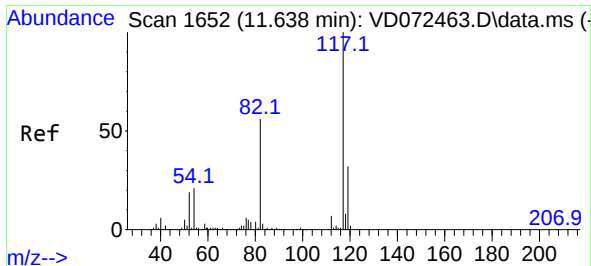
Tgt Ion: 98 Resp: 1040186
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.116 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

Tgt Ion: 95 Resp: 375807
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.8 0.0 145.4

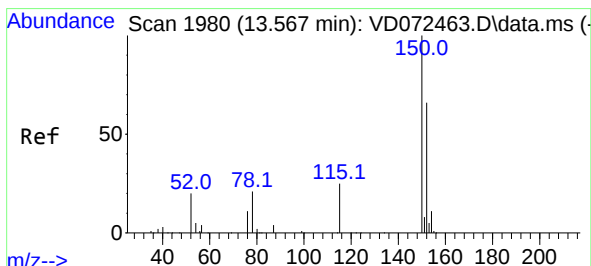
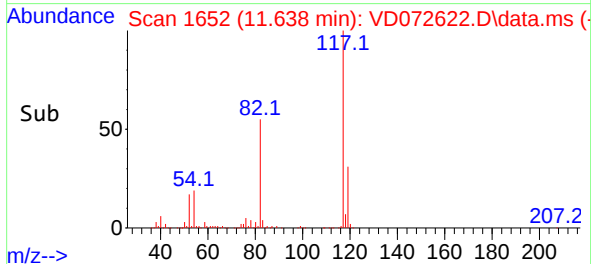
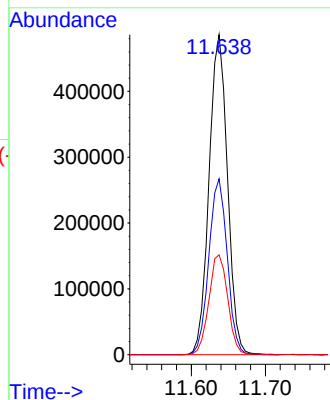
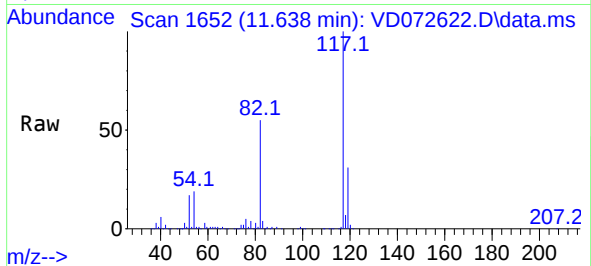




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072622.D
Acq: 19 Apr 2022 13:57

Instrument :
MSVOA_D
ClientSampleId :
SB-11

Tgt Ion:117 Resp: 839143
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.2 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: VD072622.D
Acq: 19 Apr 2022 13:57

Tgt Ion:152 Resp: 381557
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 159.0 0.0 348.6

