

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072500.D
 Acq On : 01 Apr 2022 14:00
 Operator : VA/SY
 Sample : N2217-03
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Apr 02 02:37:23 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	426869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	804192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221625	42.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.840%
35) Dibromofluoromethane	7.914	113	248800	41.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.280%
50) Toluene-d8	10.332	98	959283	46.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.626	95	367904	45.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

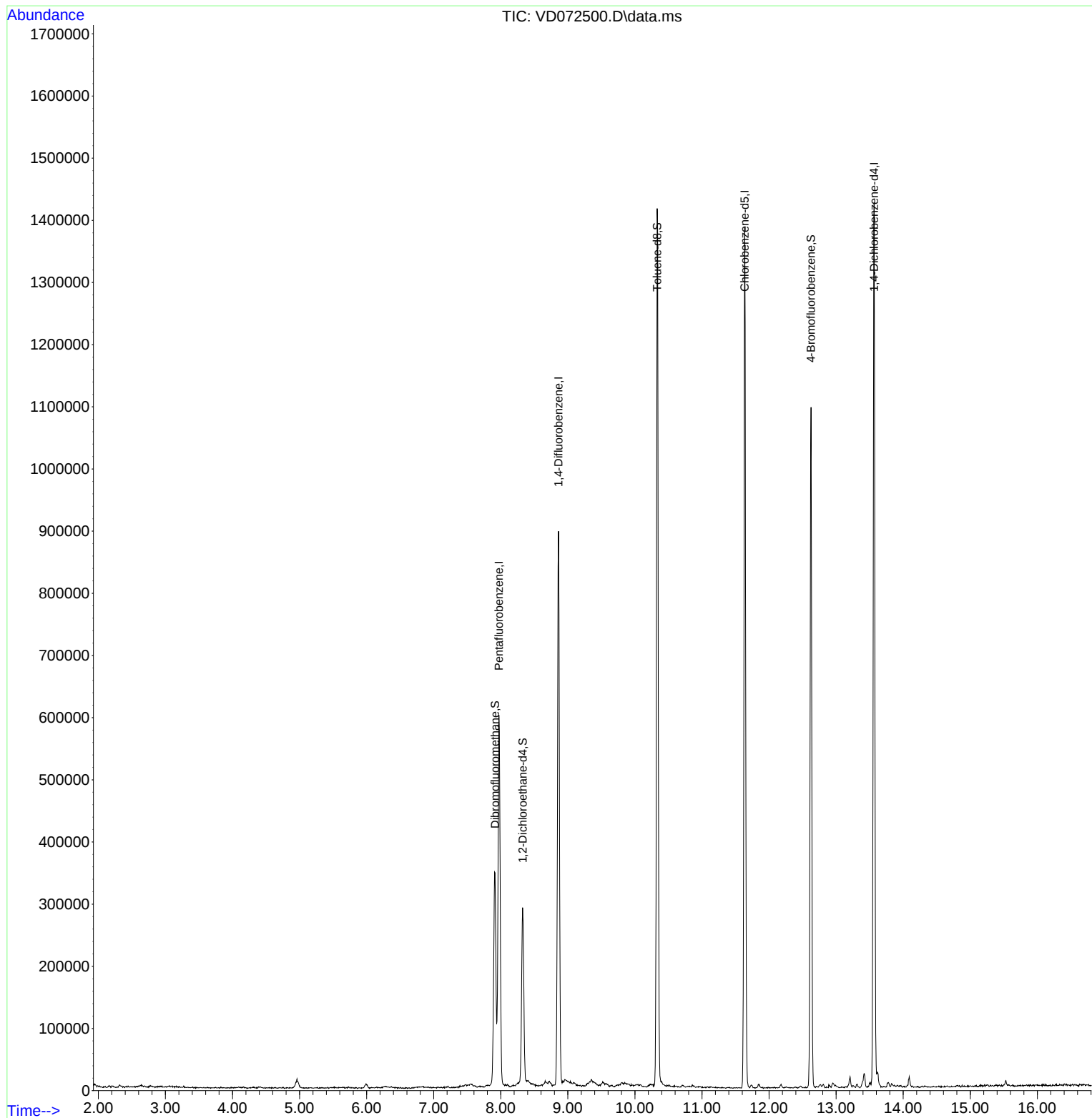
Target Compounds	Qvalue

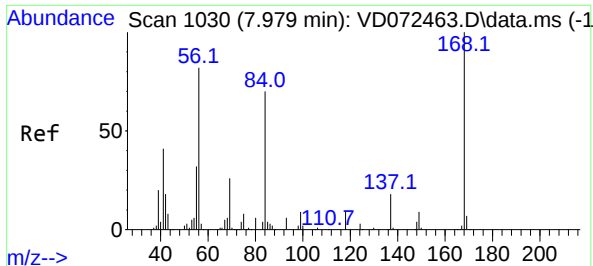
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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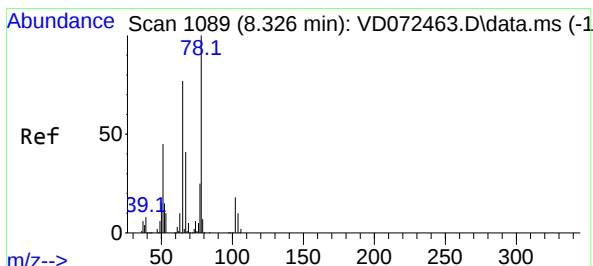
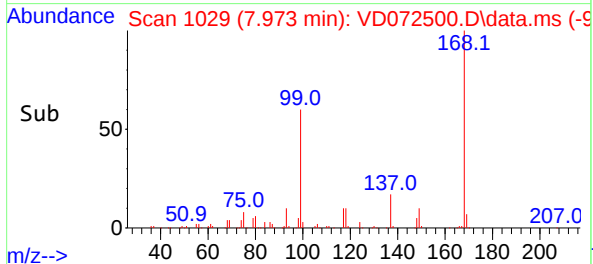
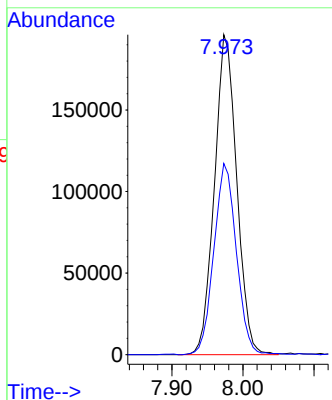
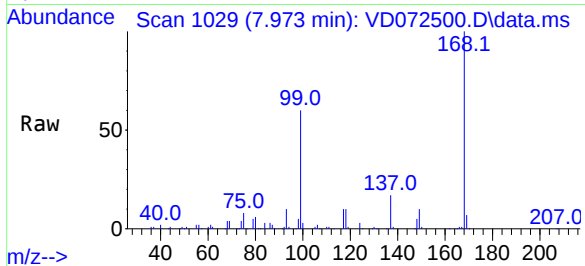




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

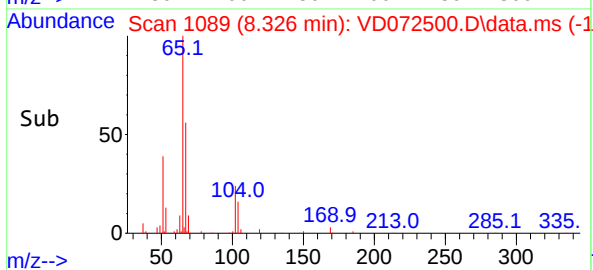
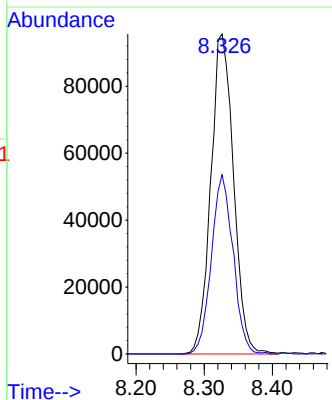
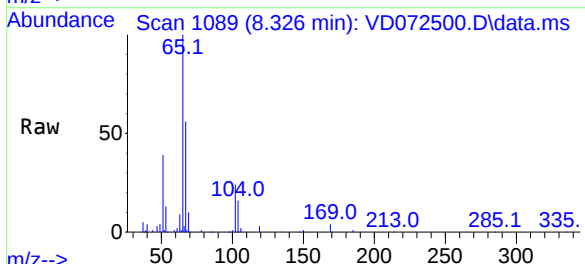
Instrument :
MSVOA_D
ClientSampleId :
SB-2

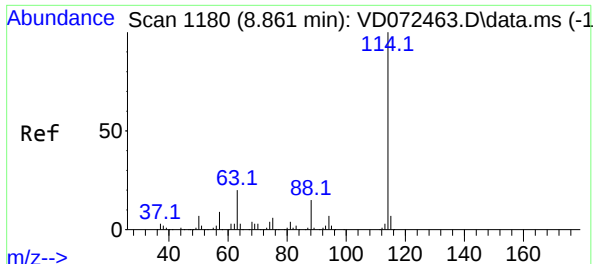
Tgt Ion:168 Resp: 426869
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.919 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 65 Resp: 221625
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4



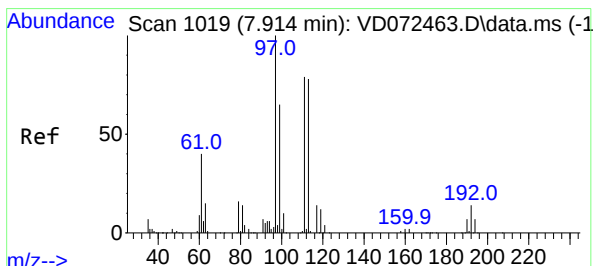
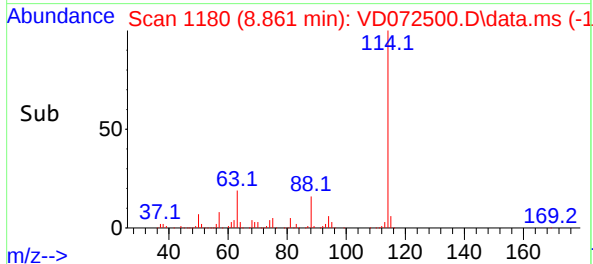
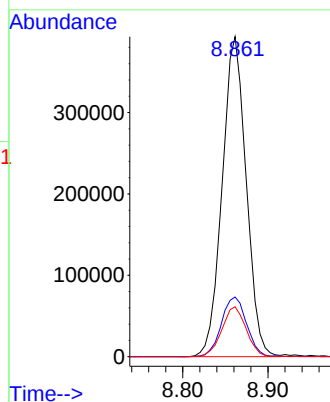
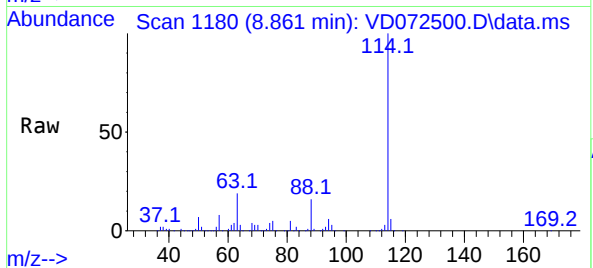


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:114 Resp: 768812

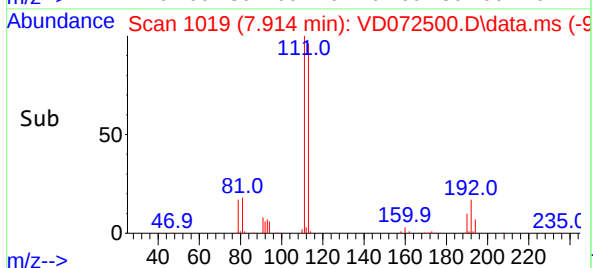
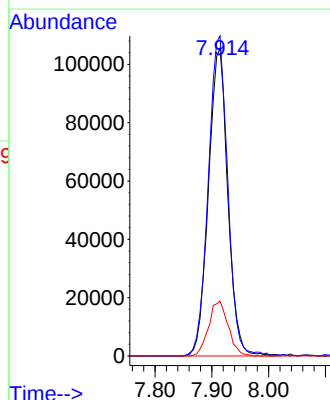
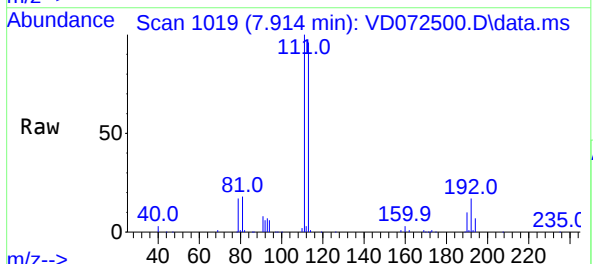
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	46.6
88	15.6	0.0	33.2

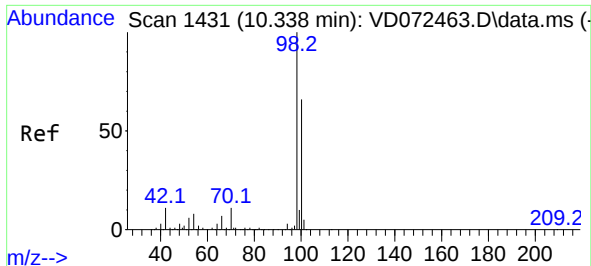


#35
Dibromofluoromethane
Concen: 41.642 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion:113 Resp: 248800

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.8	125.6
192	18.0	14.6	21.8

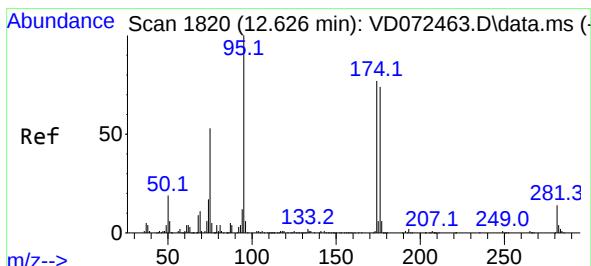
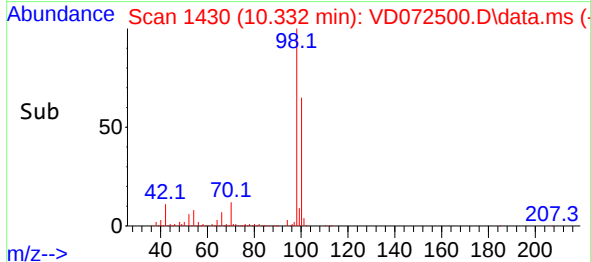
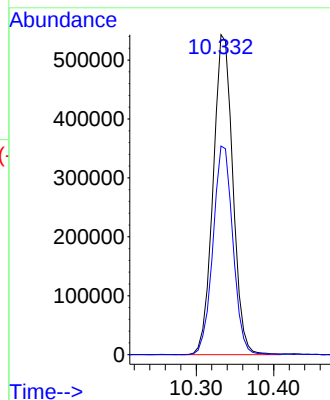
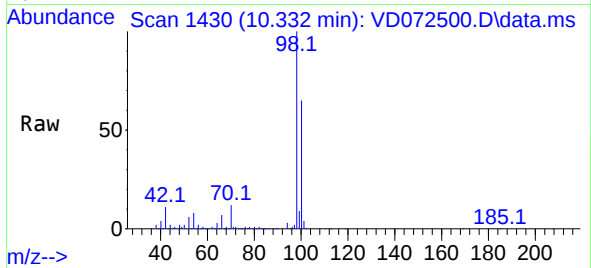




#50
Toluene-d8
Concen: 46.189 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

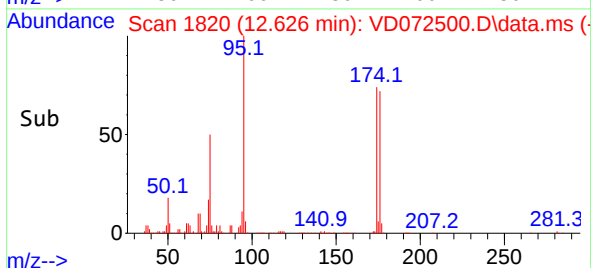
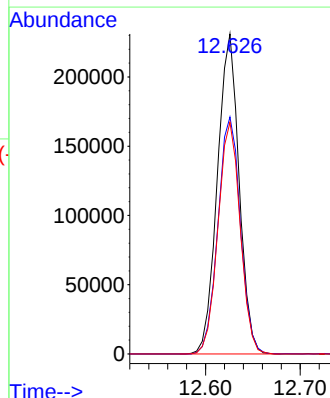
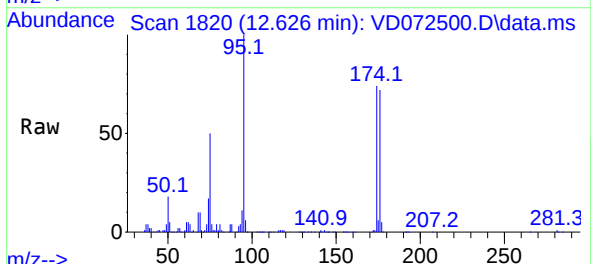
Instrument :
MSVOA_D
ClientSampleId :
SB-2

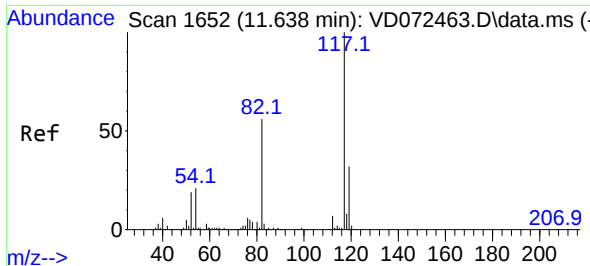
Tgt Ion: 98 Resp: 959283
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.358 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 95 Resp: 367904
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.8 0.0 145.4

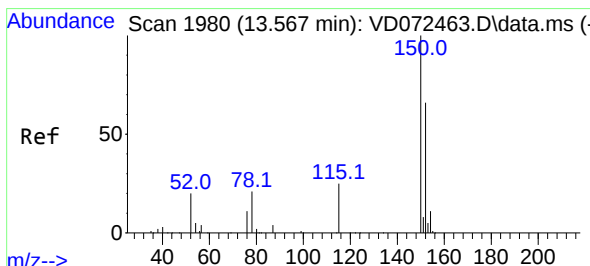
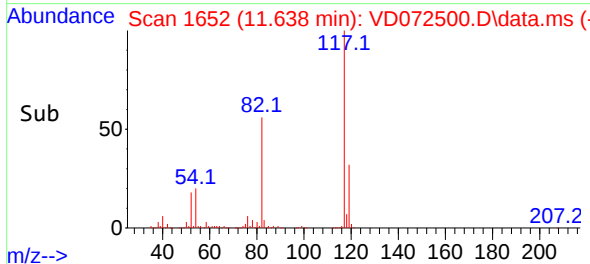
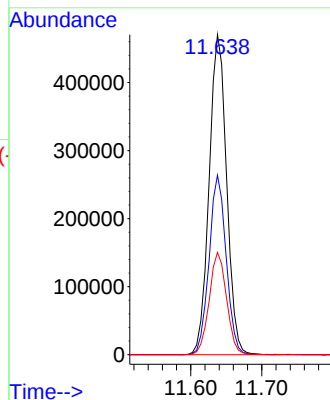
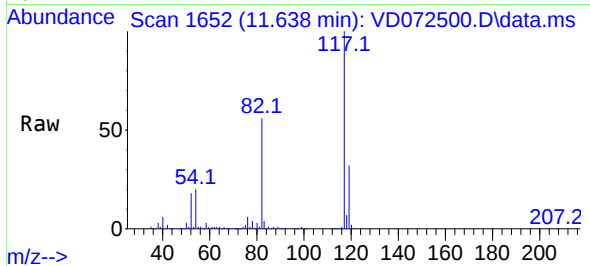




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 804192
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion:152 Resp: 387950
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.8 0.0 348.6

