

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073435.D
 Acq On : 31 May 2022 20:12
 Operator : VA/SY
 Sample : N3109-05
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-10

Quant Time: Jun 01 01:39:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	263807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	480246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	518686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	147292	50.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.040%
35) Dibromofluoromethane	7.909	113	164628	51.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.332	98	596403	51.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.620	95	226861	55.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.680%

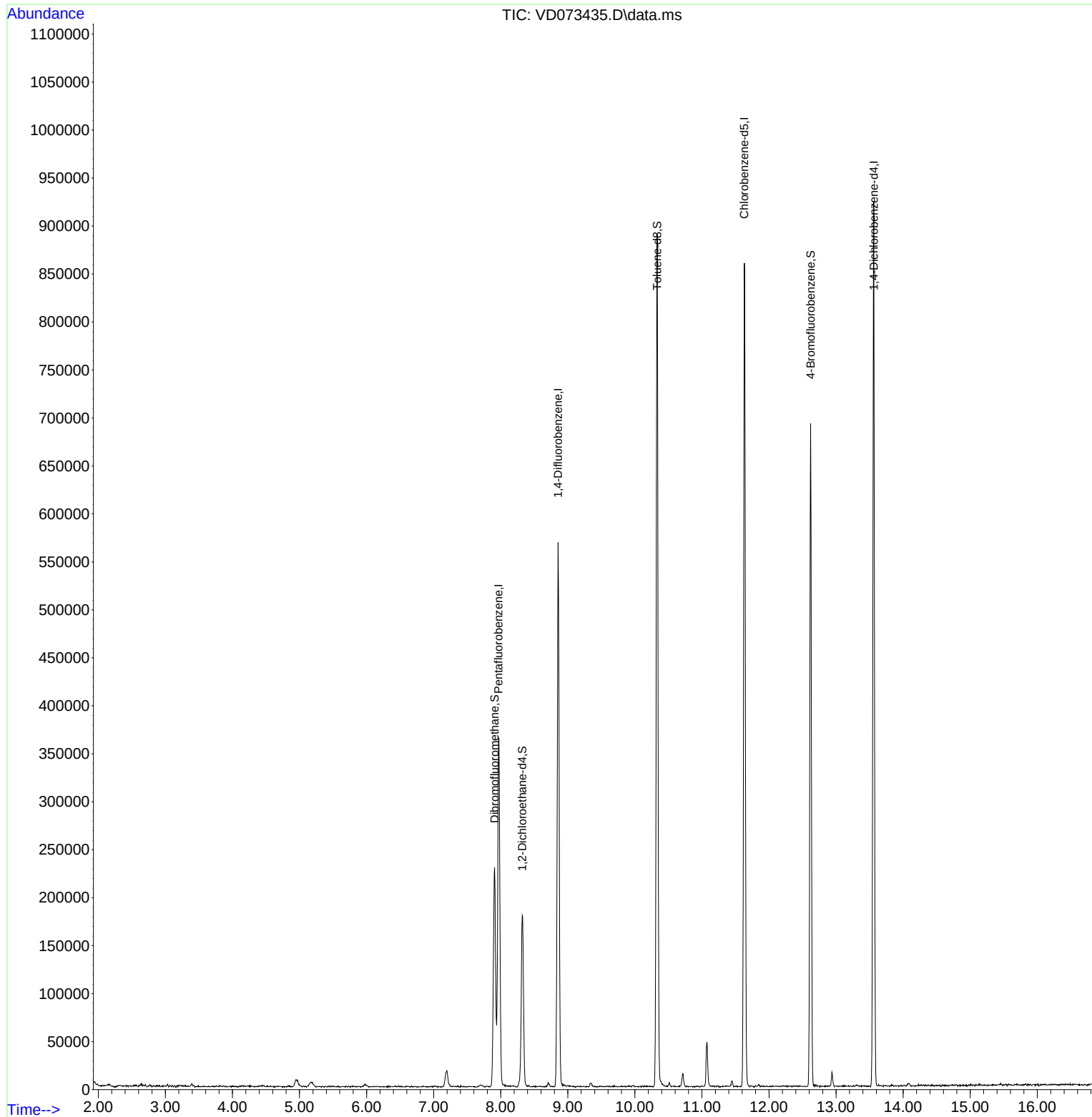
Target Compounds	Qvalue

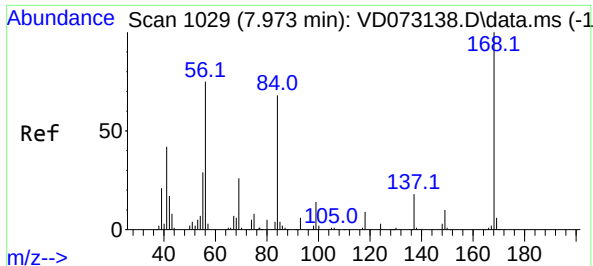
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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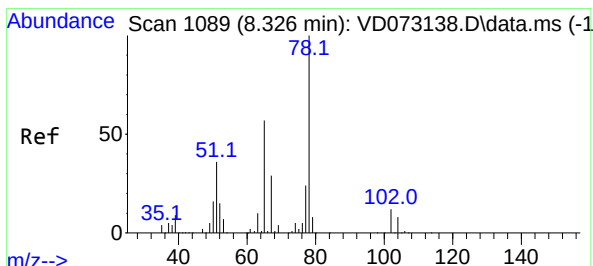
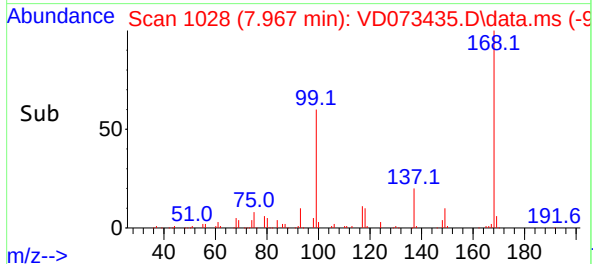
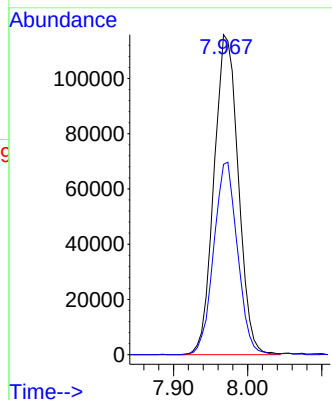
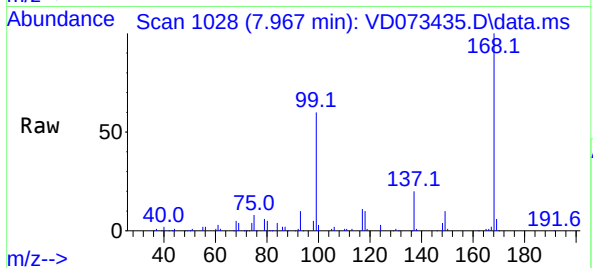




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

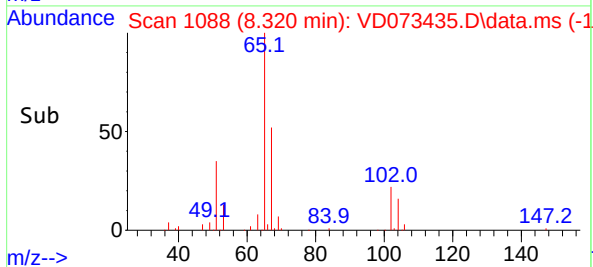
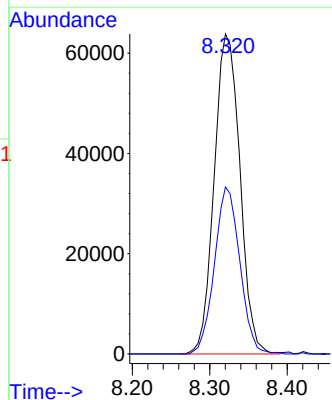
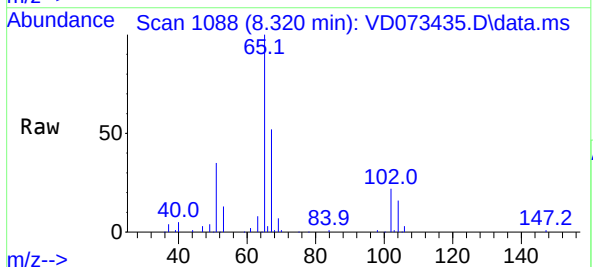
Instrument :
MSVOA_D
ClientSampleId :
BB-10

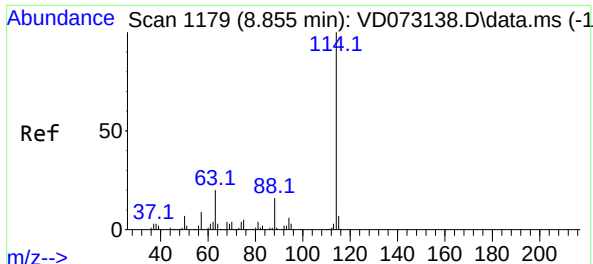
Tgt Ion:168 Resp: 263807
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.521 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

Tgt Ion: 65 Resp: 147292
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4



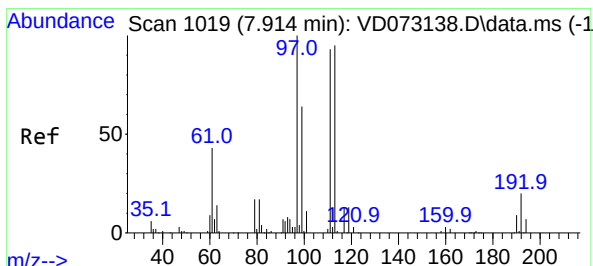
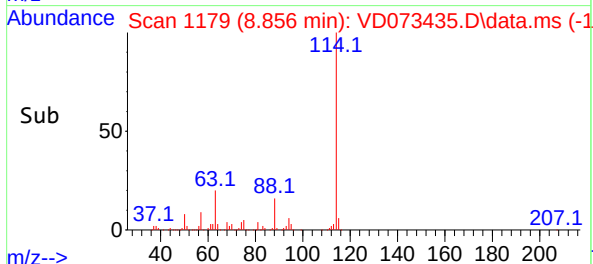
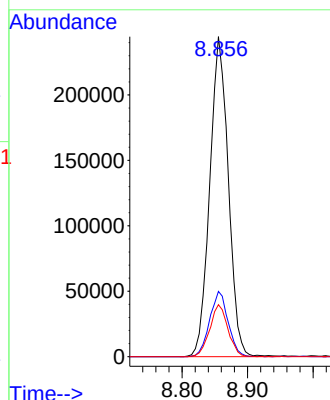
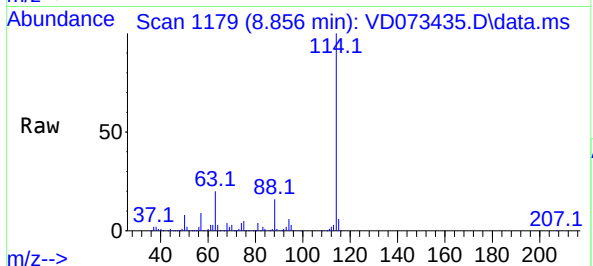


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

Instrument :
MSVOA_D
ClientSampleId :
BB-10

Tgt Ion:114 Resp: 480246

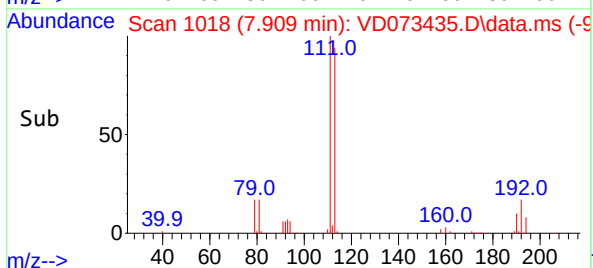
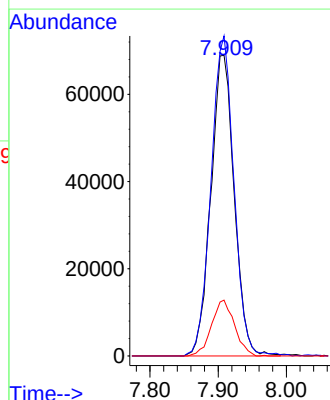
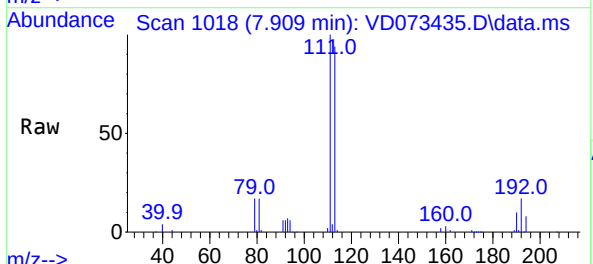
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	46.6
88	16.3	0.0	33.2

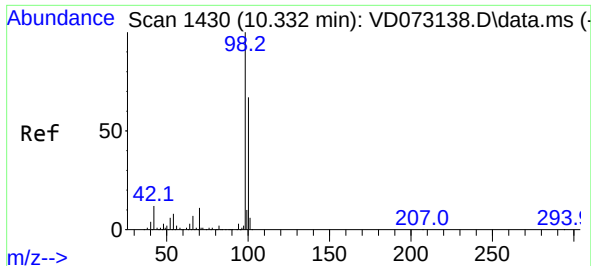


#35
Dibromofluoromethane
Concen: 51.950 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

Tgt Ion:113 Resp: 164628

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.8	125.6
192	18.2	14.6	21.8

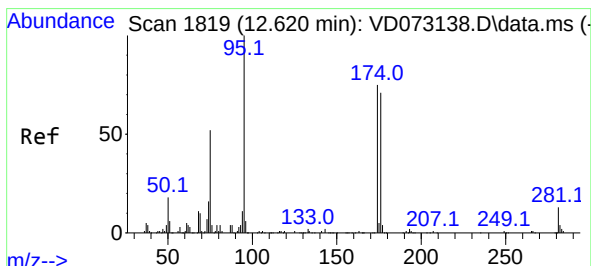
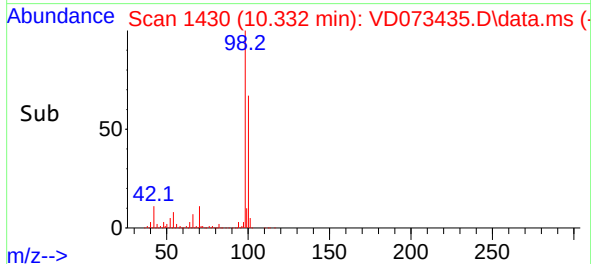
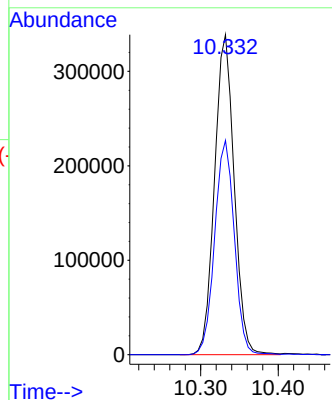
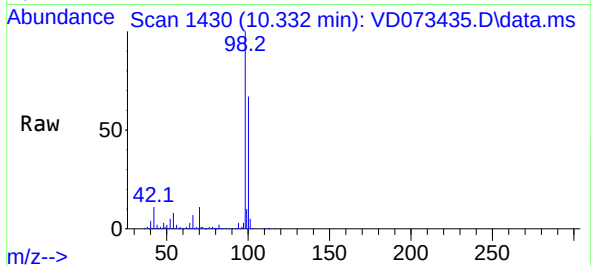




#50
Toluene-d8
Concen: 51.055 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

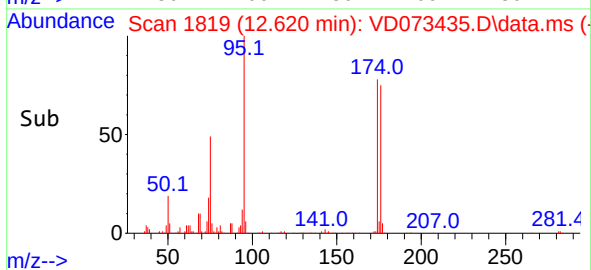
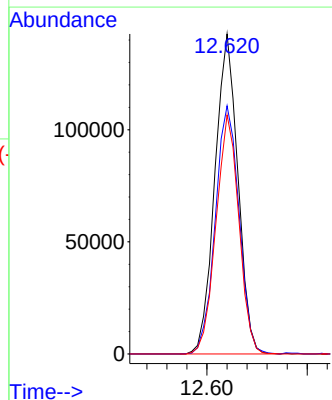
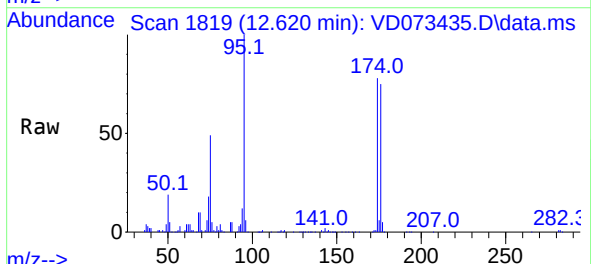
Instrument :
MSVOA_D
ClientSampleId :
BB-10

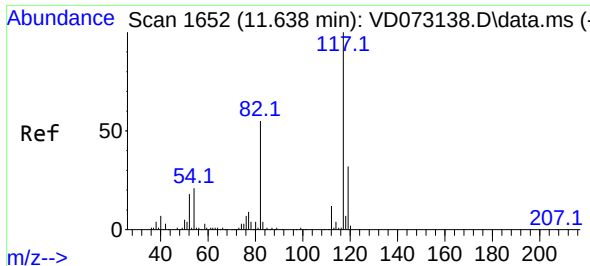
Tgt Ion: 98 Resp: 596403
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.338 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

Tgt Ion: 95 Resp: 226861
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 74.3 0.0 145.4

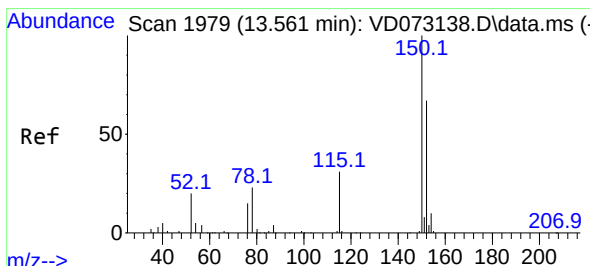
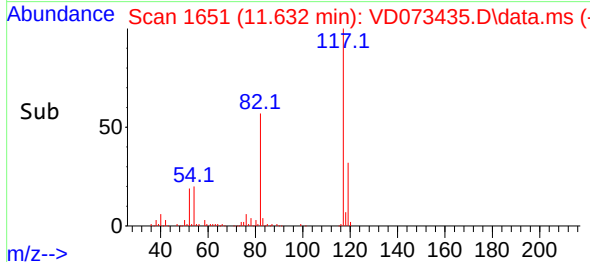
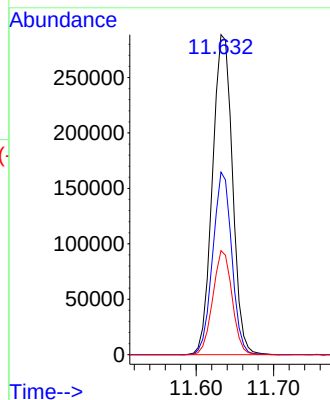
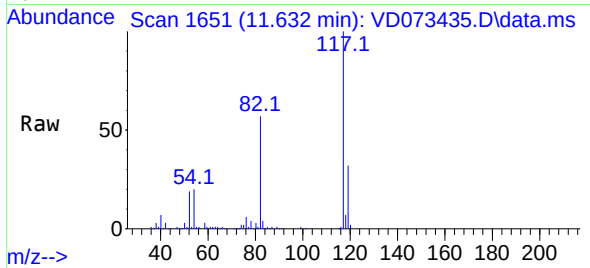




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073435.D
Acq: 31 May 2022 20:12

Instrument :
MSVOA_D
ClientSampleId :
BB-10

Tgt Ion:117 Resp: 518686
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.5 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: VD073435.D
Acq: 31 May 2022 20:12

Tgt Ion:152 Resp: 244532
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 156.7 0.0 348.6

