

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073452.D
 Acq On : 01 Jun 2022 17:16
 Operator : VA/SY
 Sample : N3109-01
 Misc : 4.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-8

Quant Time: Jun 02 08:51:46 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	7.973	168	266776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	488306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	525101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139394	47.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.908	113	164572	51.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.332	98	610151	51.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.620	95	223849	53.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.400%

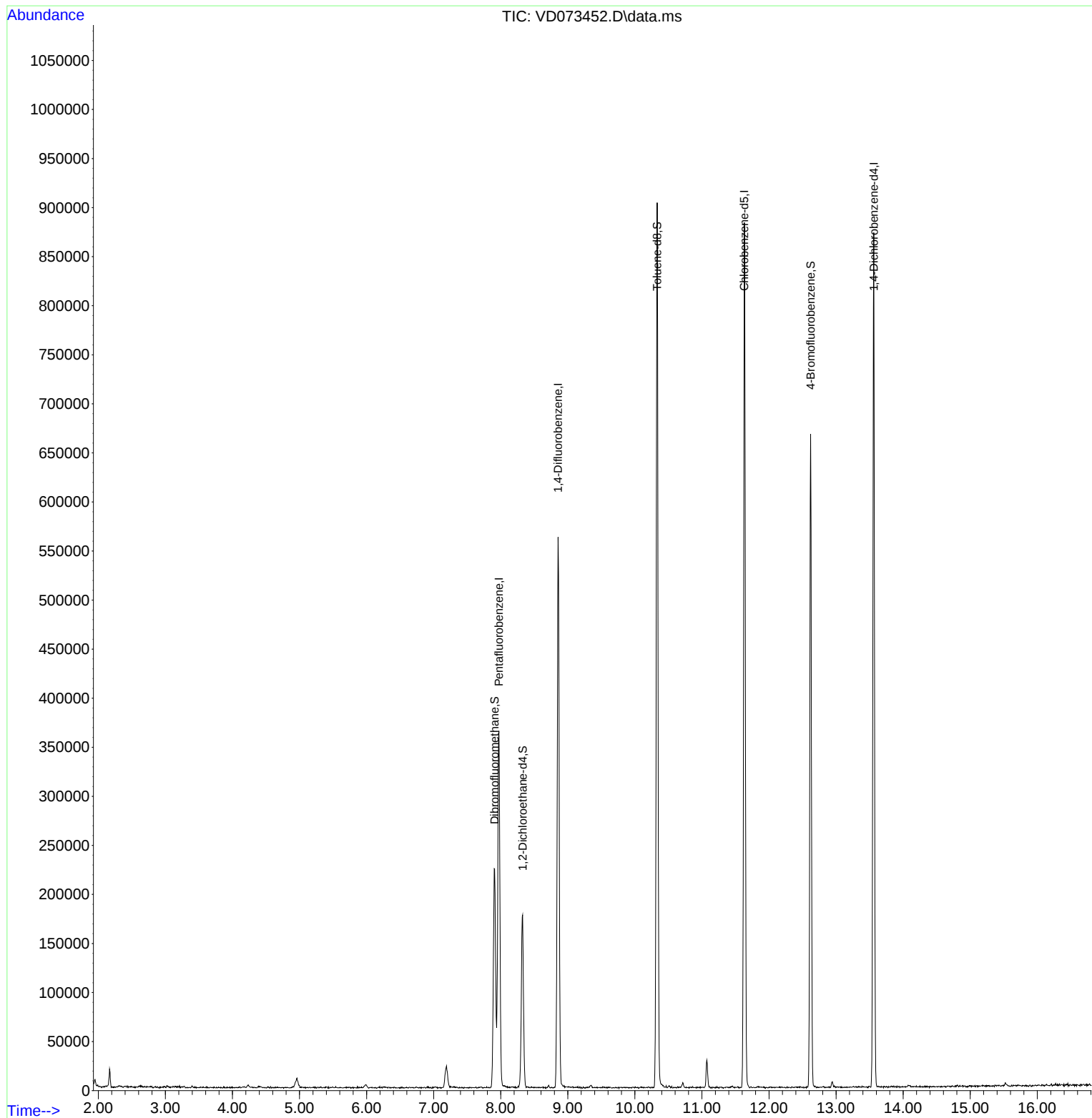
Target Compounds	Qvalue

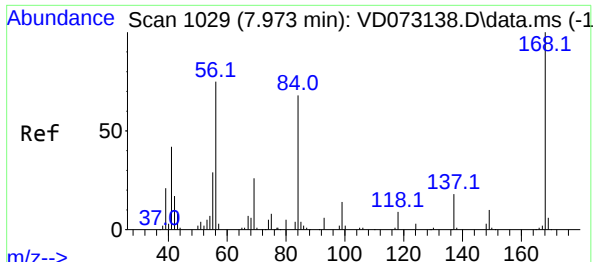
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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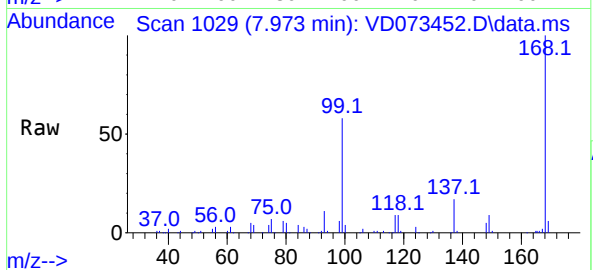
Quant Time: Jun 02 08:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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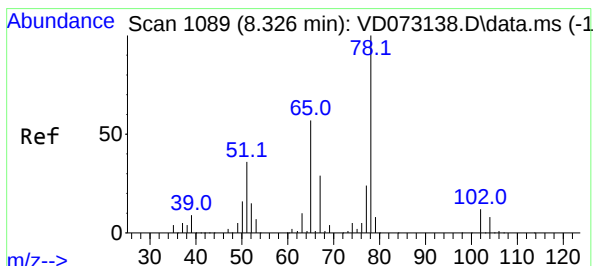
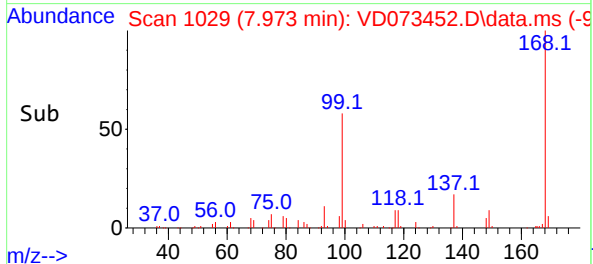
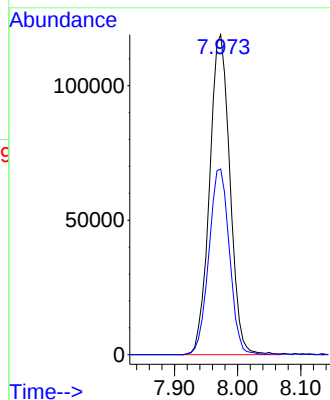


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :
BB-8

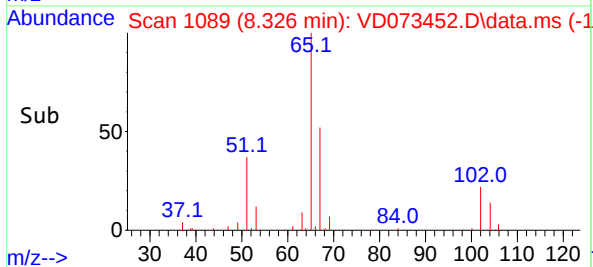
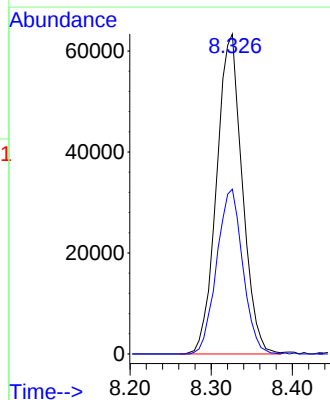
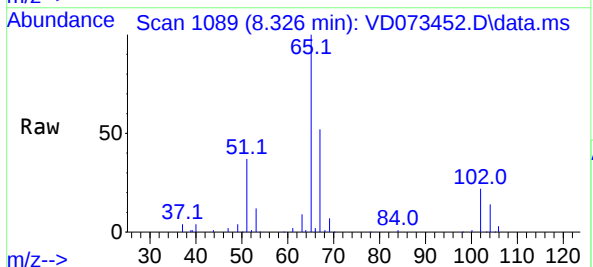


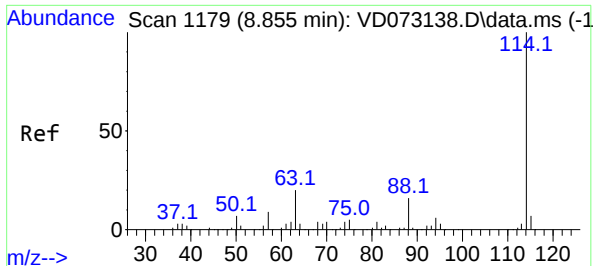
Tgt Ion:168 Resp: 266776
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.280 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

Tgt Ion: 65 Resp: 139394
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

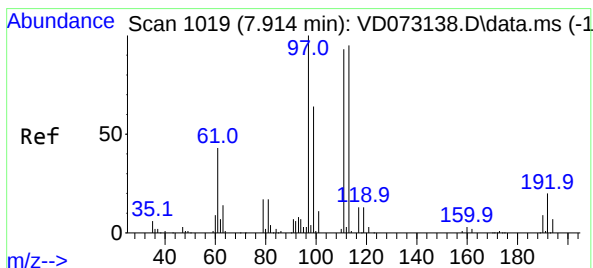
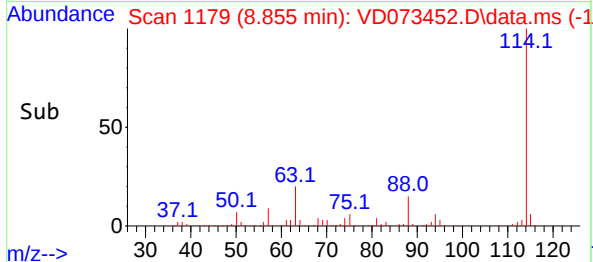
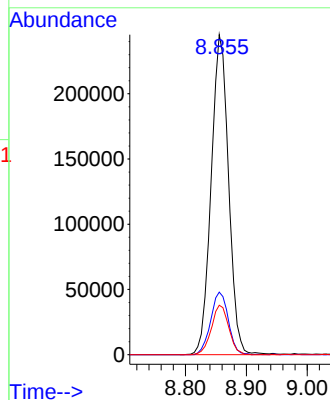
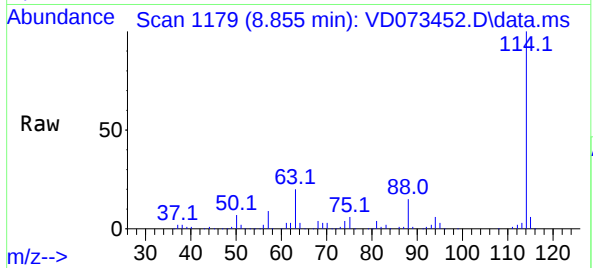




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

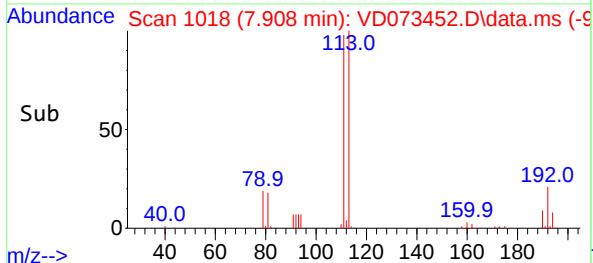
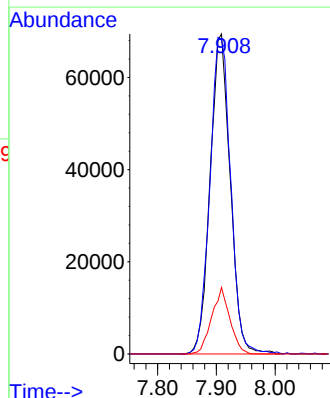
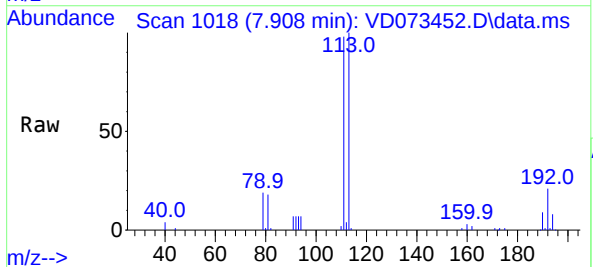
Instrument :
MSVOA_D
ClientSampleId :
BB-8

Tgt Ion:114 Resp: 488306
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.075 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

Tgt Ion:113 Resp: 164572
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.8 14.6 21.8

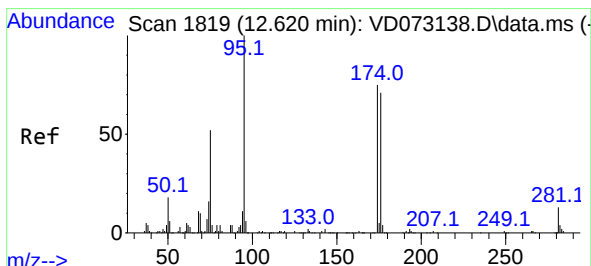
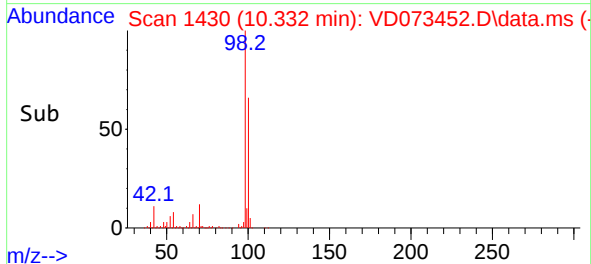
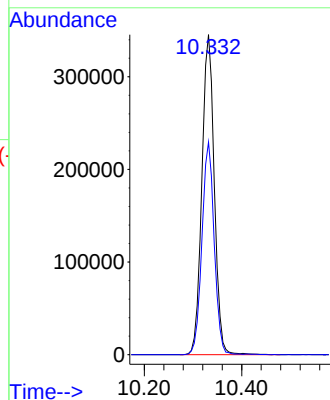
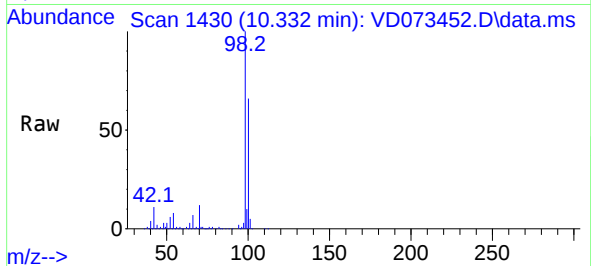




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

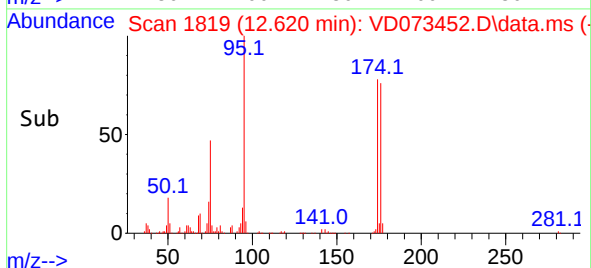
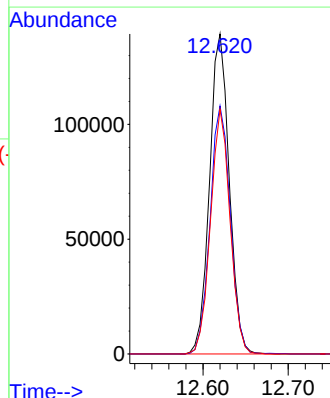
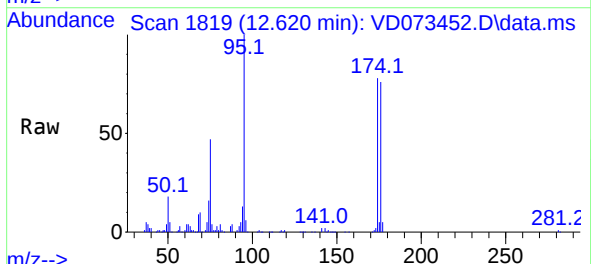
Instrument :
MSVOA_D
ClientSampleId :
BB-8

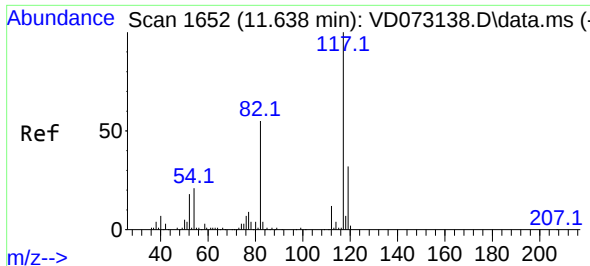
Tgt Ion: 98 Resp: 610151
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.702 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

Tgt Ion: 95 Resp: 223849
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 75.6 0.0 145.4

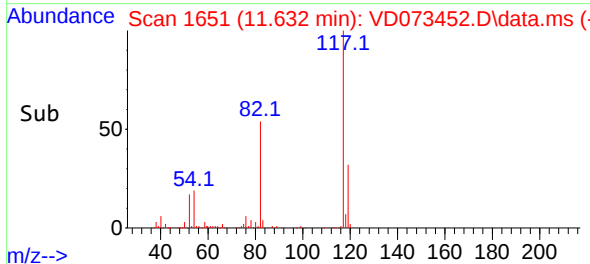
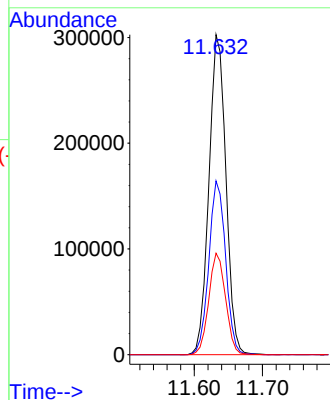
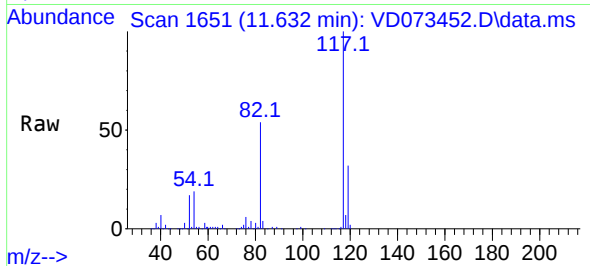




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073452.D
Acq: 01 Jun 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :
BB-8

Tgt Ion:117	Resp: 525101
Ion Ratio	Lower Upper
117 100	
82 54.3	45.3 67.9
119 31.7	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: VD073452.D
Acq: 01 Jun 2022 17:16

Tgt Ion:152	Resp: 236387		
Ion Ratio	Lower	Upper	
152	100		
115	58.2	31.3	93.8
150	155.0	0.0	348.6

