

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073177.D
 Acq On : 20 May 2022 11:03
 Operator : VA/SY
 Sample : N2842-18
 Misc : 4.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS002-0006-01

Quant Time: May 20 13:08:57 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	304024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177290	52.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.540%
35) Dibromofluoromethane	7.909	113	185581	51.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.332	98	667659	50.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.620	95	232784	50.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.780%

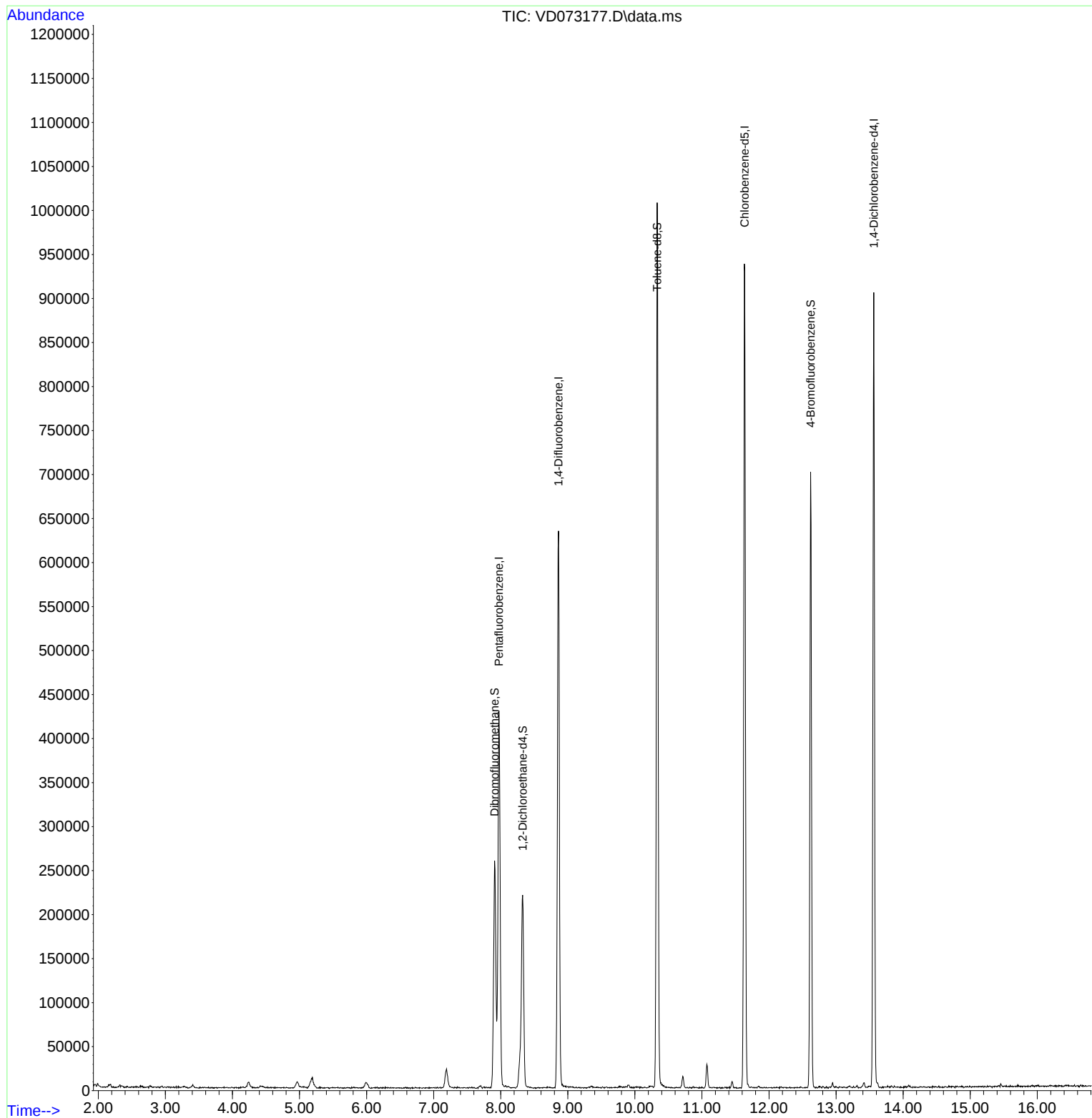
Target Compounds	Qvalue

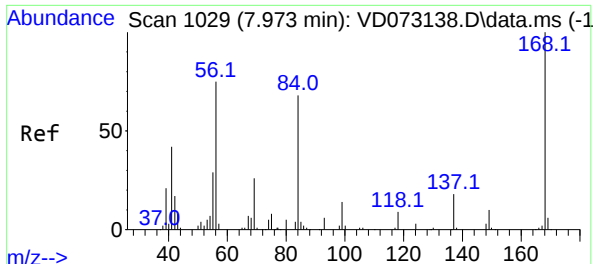
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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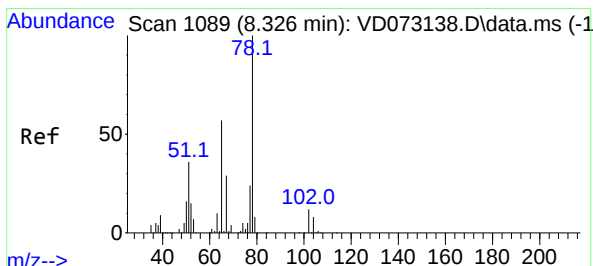
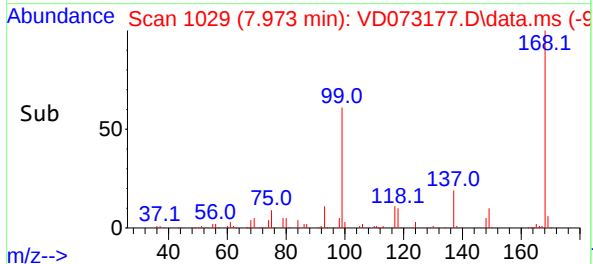
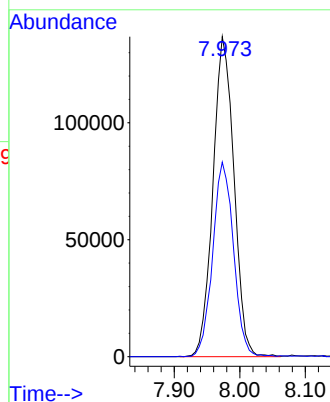
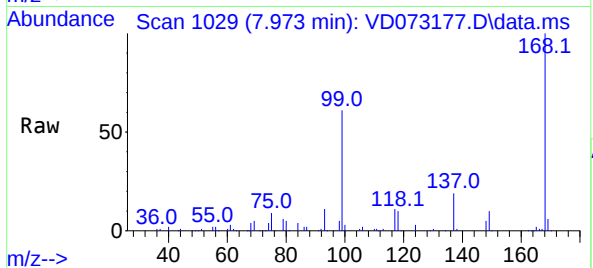




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

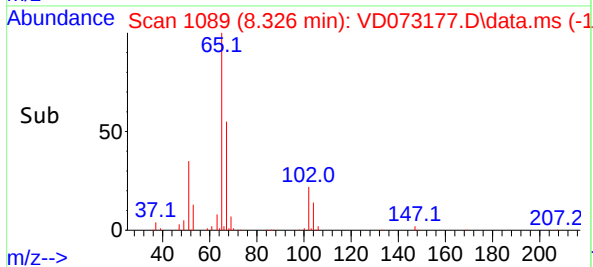
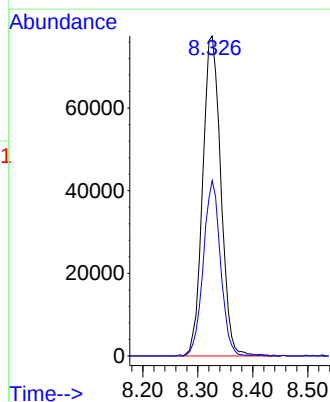
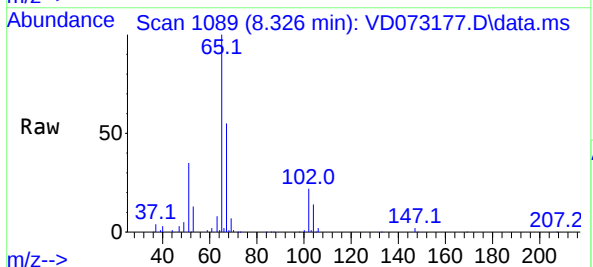
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

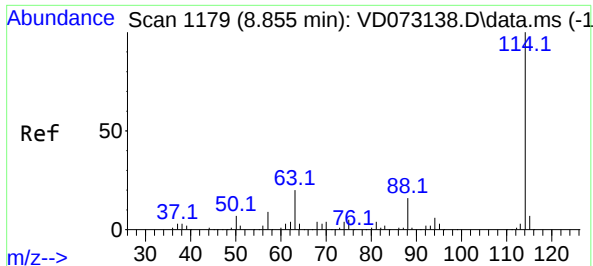
Tgt Ion:168 Resp: 304024
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.767 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 65 Resp: 177290
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

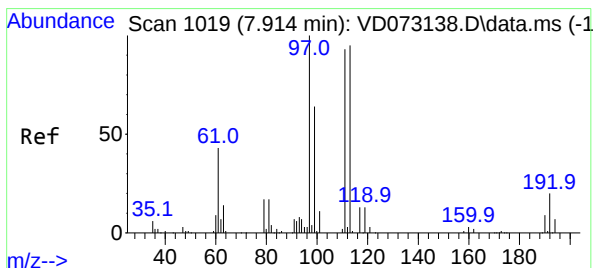
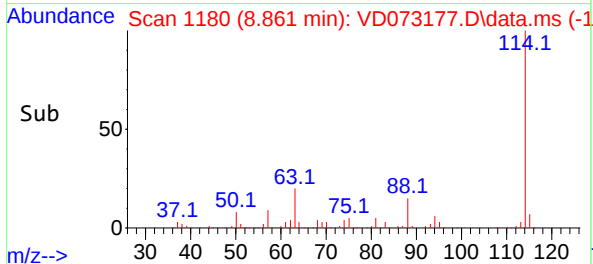
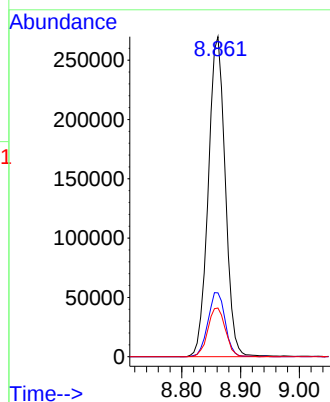
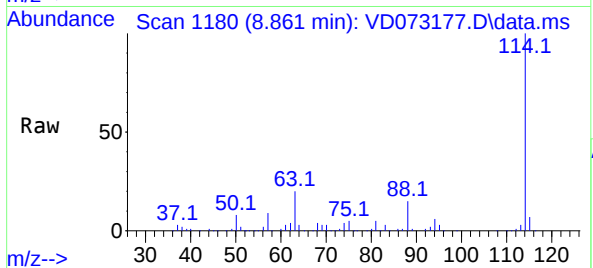




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

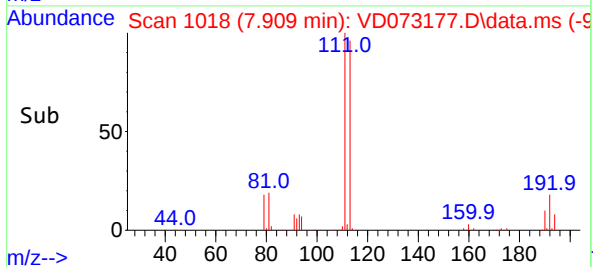
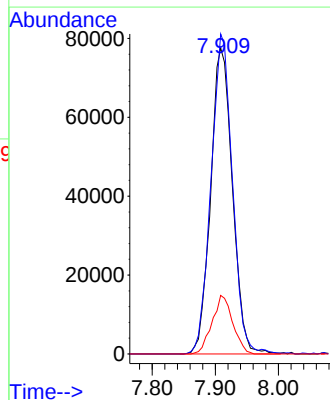
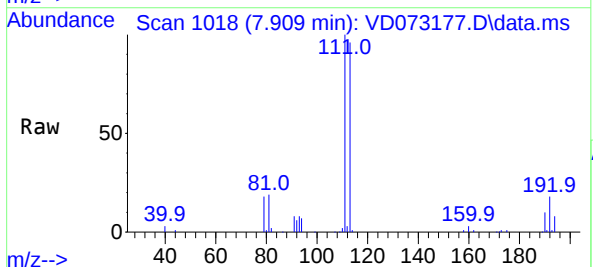
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

Tgt Ion:114 Resp: 541178
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion:113 Resp: 185581
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.1 14.6 21.8

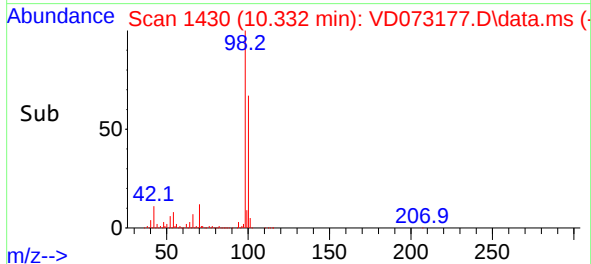
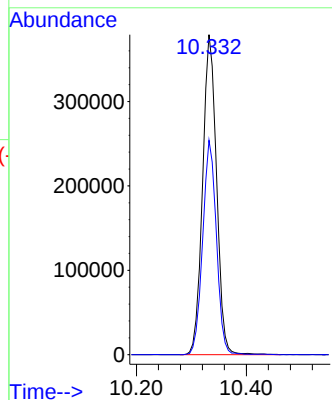
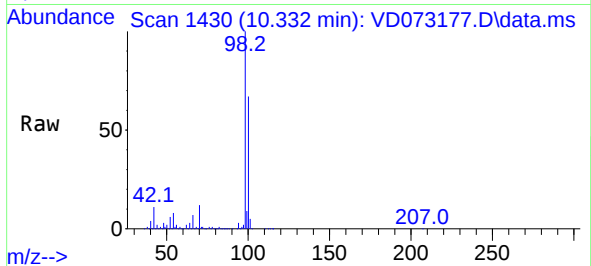




#50
Toluene-d8
Concen: 50.719 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

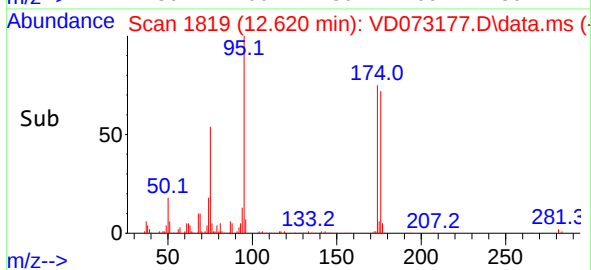
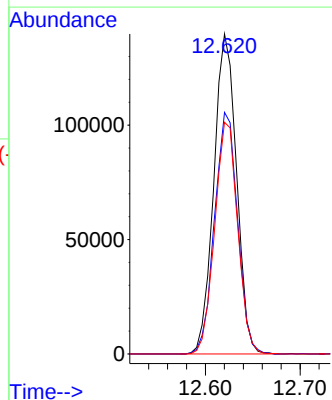
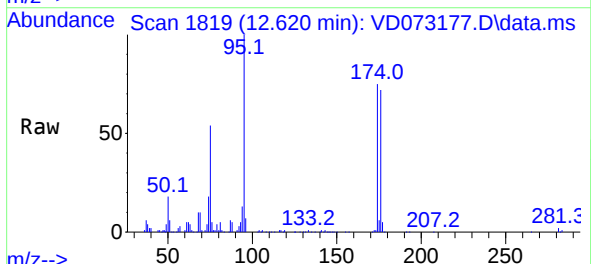
Instrument :
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P023-SS002-0006-01

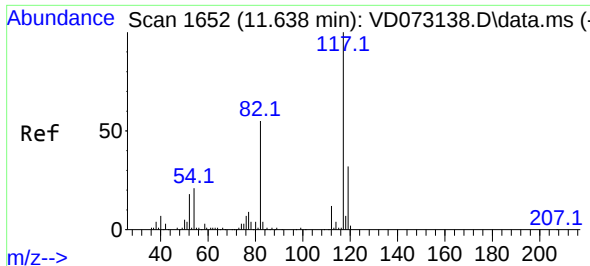
Tgt Ion: 98 Resp: 667659
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

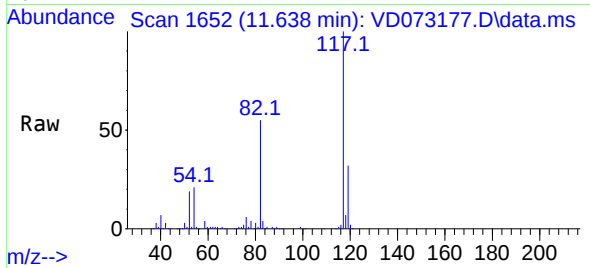
Tgt Ion: 95 Resp: 232784
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.2 0.0 145.4



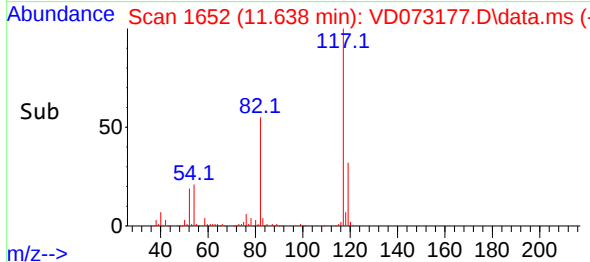
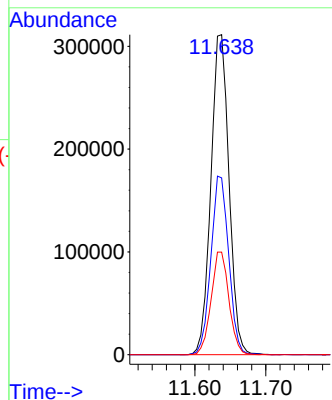


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01



Tgt Ion:117 Resp: 551132
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 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: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion:152 Resp: 236447
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.7 0.0 348.6

