

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072832.D
 Acq On : 06 May 2022 03:12
 Operator : VA/SY
 Sample : N2680-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-0-2

Quant Time: May 06 03:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	401532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	696893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258276	49.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.908	113	240770	46.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.332	98	875603	47.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.620	95	315451	45.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.700%

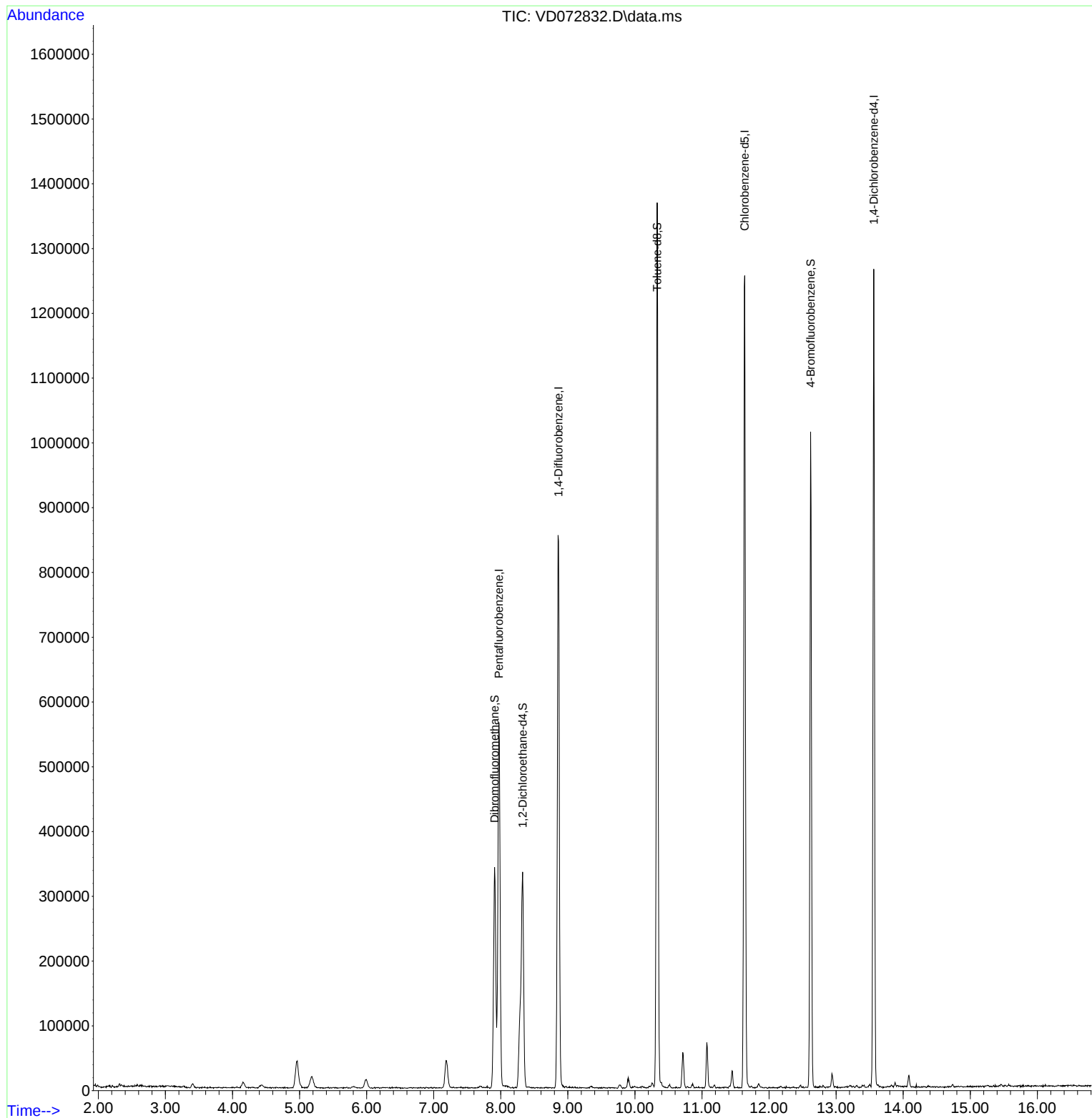
Target Compounds	Qvalue

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

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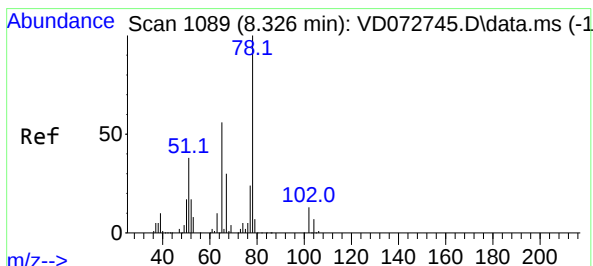
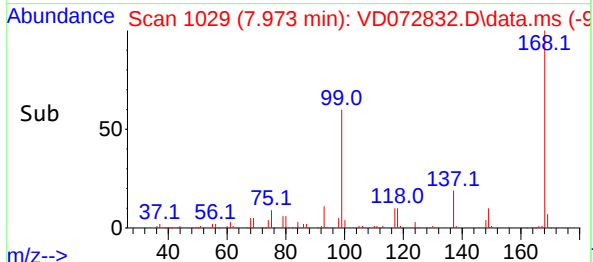
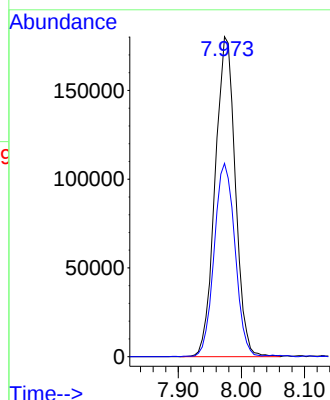
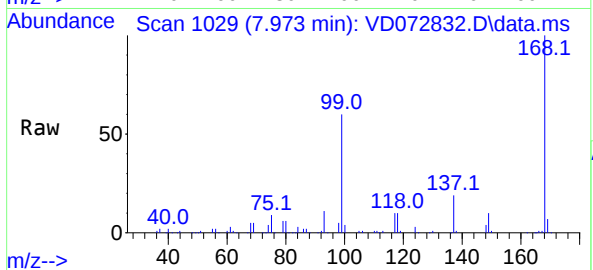




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

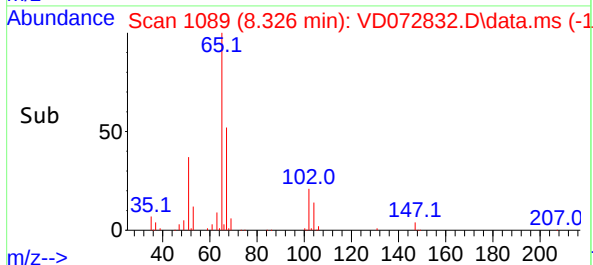
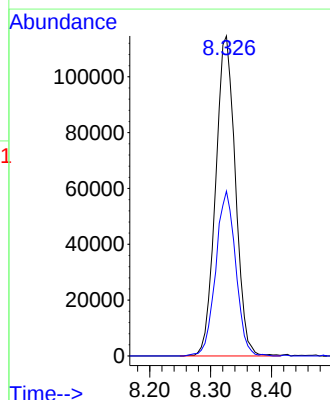
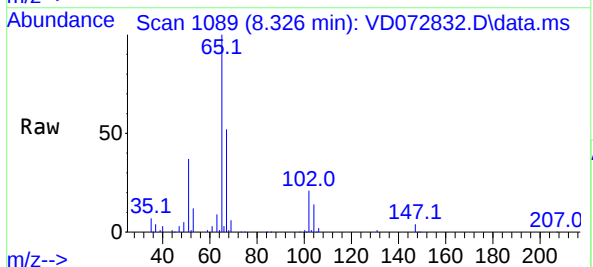
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

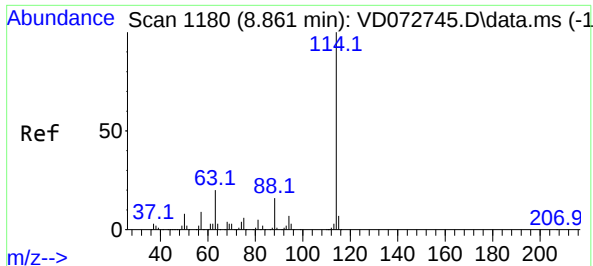
Tgt Ion:168 Resp: 401532
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.552 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

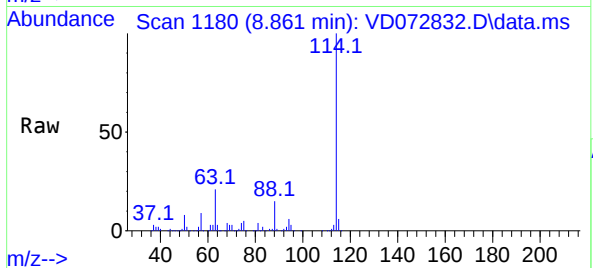
Tgt Ion: 65 Resp: 258276
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



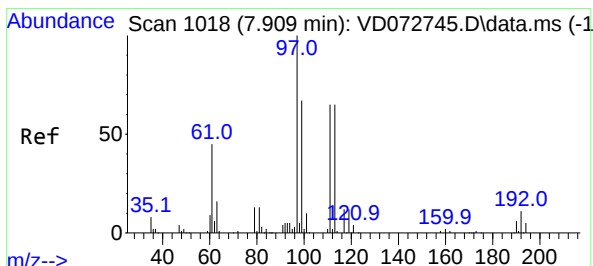
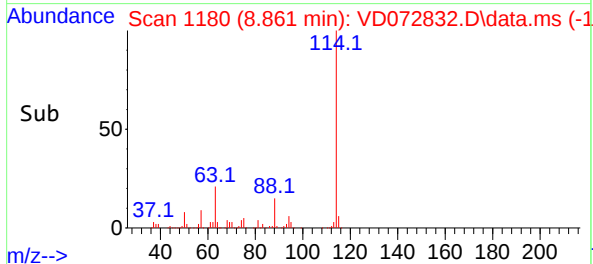
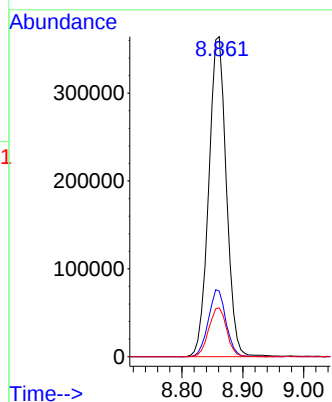


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

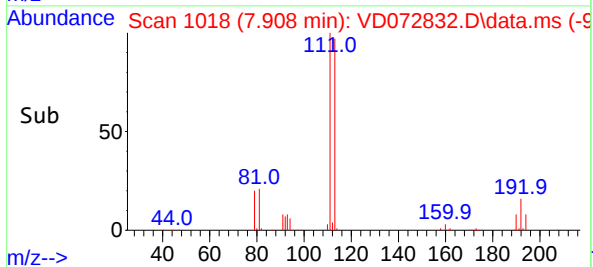
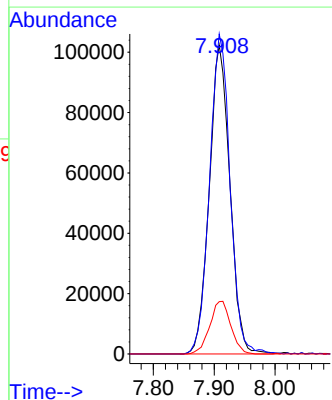
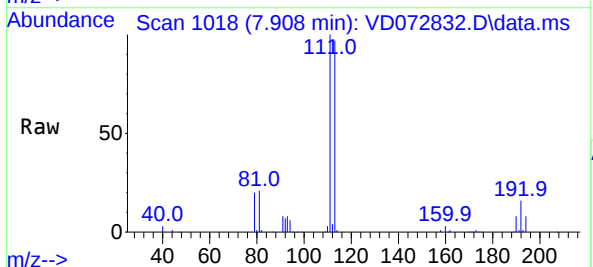


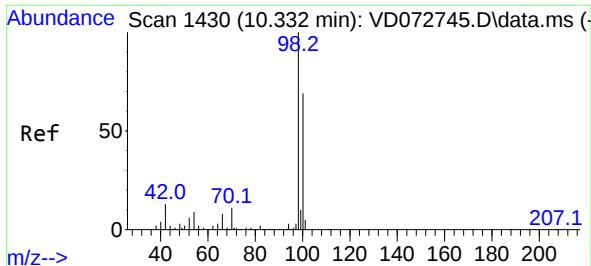
Tgt Ion:114 Resp: 732363
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.811 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

Tgt Ion:113 Resp: 240770
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.4 14.6 21.8

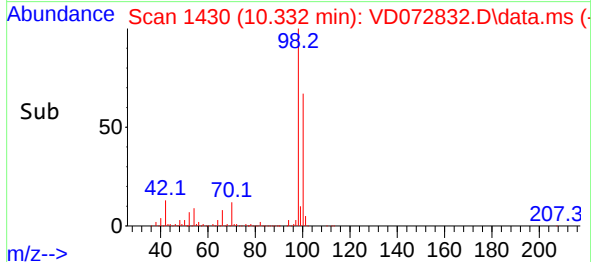
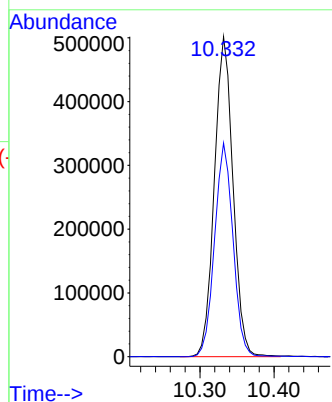
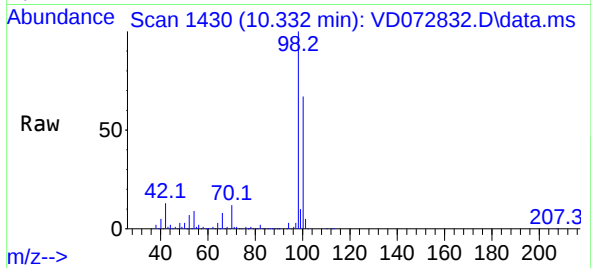




#50
Toluene-d8
Concen: 47.458 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

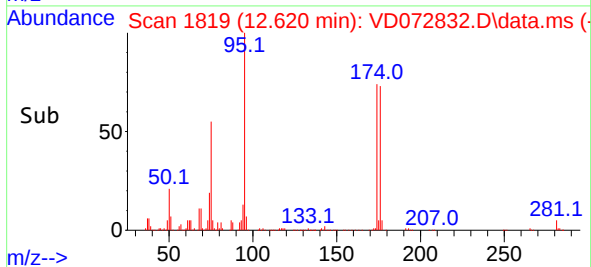
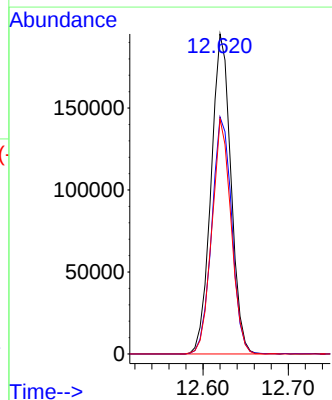
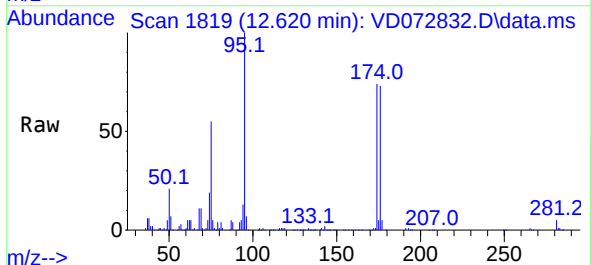
Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

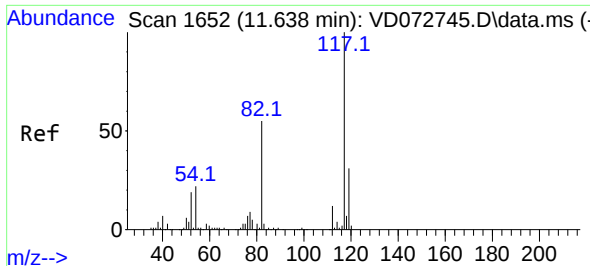
Tgt Ion: 98 Resp: 875603
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.853 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

Tgt Ion: 95 Resp: 315451
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 71.0 0.0 145.4

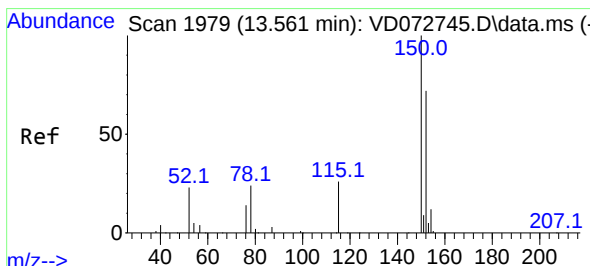
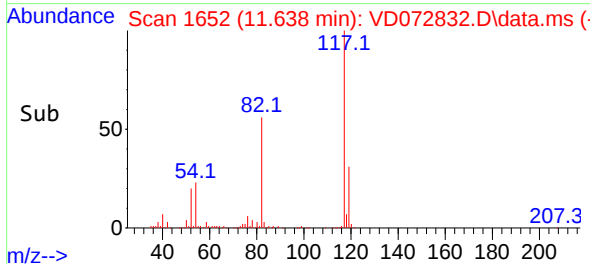
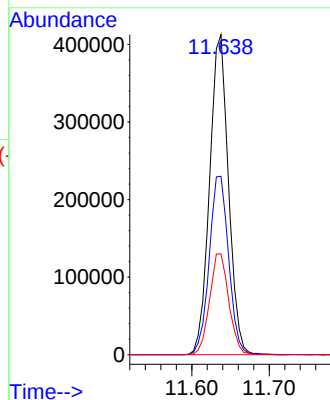
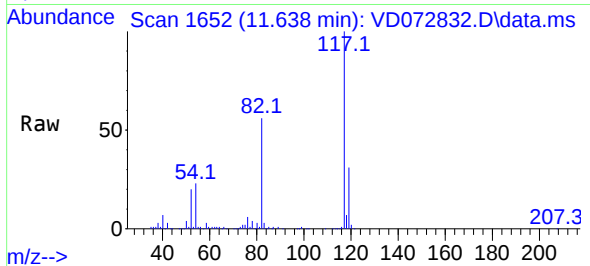




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072832.D
Acq: 06 May 2022 03:12

Instrument :
MSVOA_D
ClientSampleId :
B3-0-2

Tgt Ion:117 Resp: 696893
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.5 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: VD072832.D
Acq: 06 May 2022 03:12

Tgt Ion:152 Resp: 303955
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.8 0.0 348.6

