

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072973.D
 Acq On : 13 May 2022 04:22
 Operator : VA/SY
 Sample : N2817-09
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS003-1218-01

Quant Time: May 13 06:03:42 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	7.979	168	303260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	548776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174285	44.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.540%
35) Dibromofluoromethane	7.908	113	185277	48.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.332	98	663456	48.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.620	95	239542	47.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%

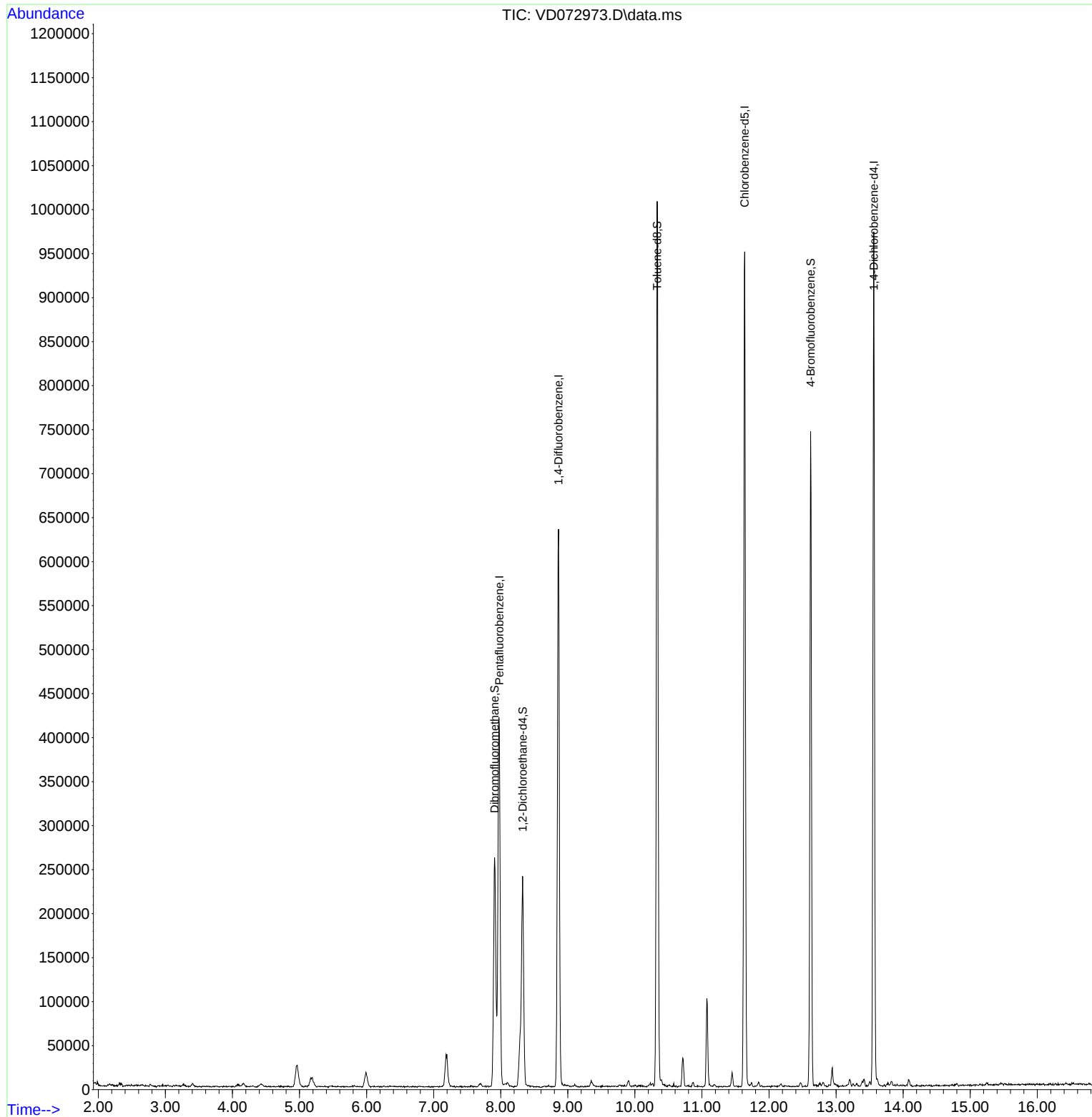
Target Compounds	Qvalue

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

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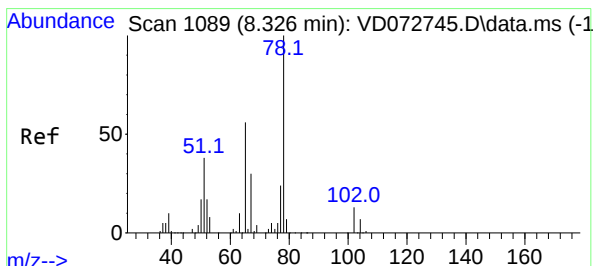
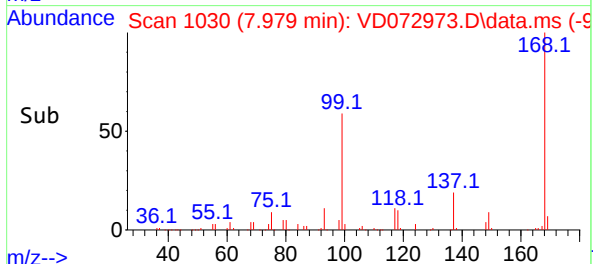
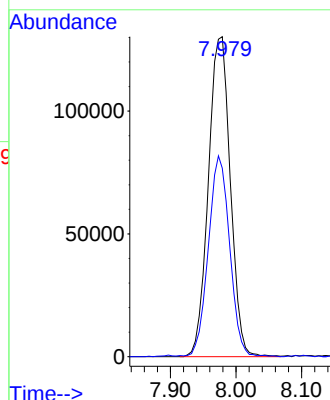
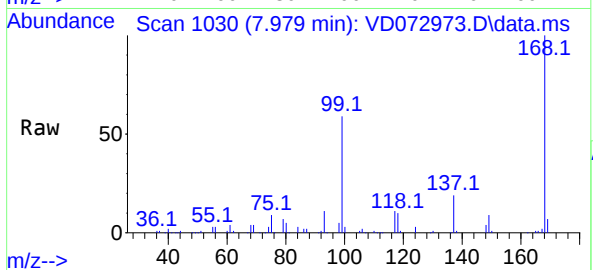




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

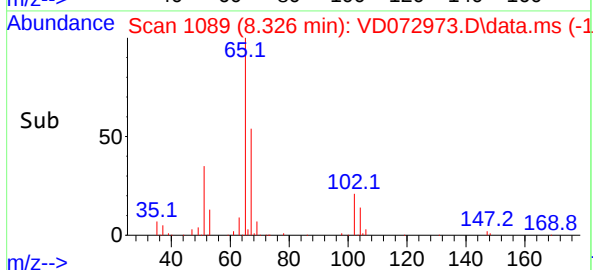
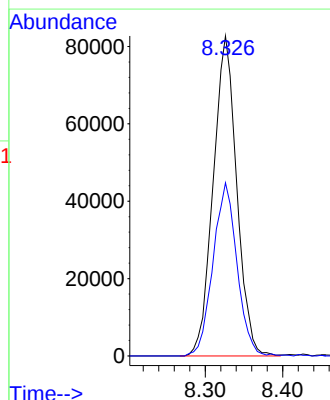
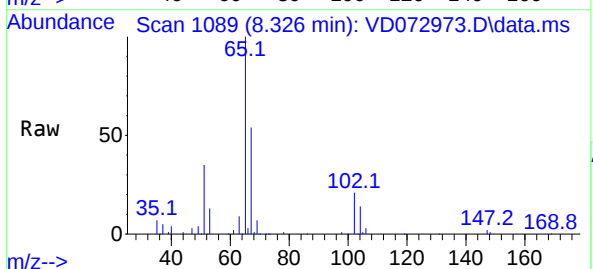
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1218-01

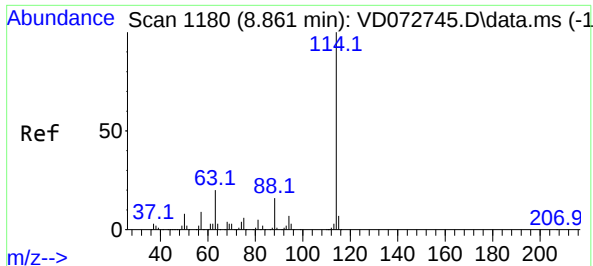
Tgt Ion:168 Resp: 303260
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.274 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

Tgt Ion: 65 Resp: 174285
Ion Ratio Lower Upper
65 100
67 55.2 0.0 101.4



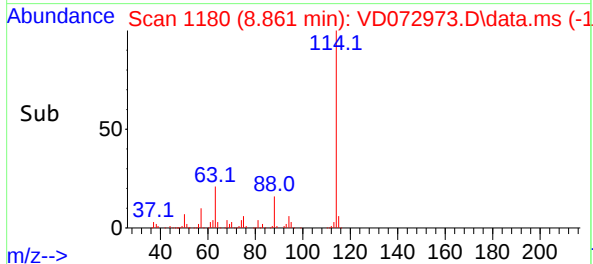
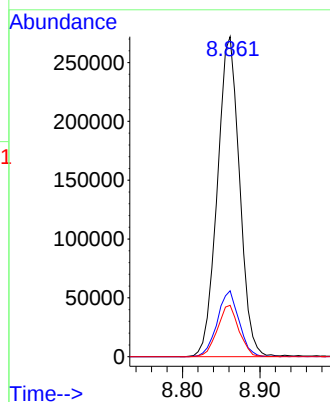
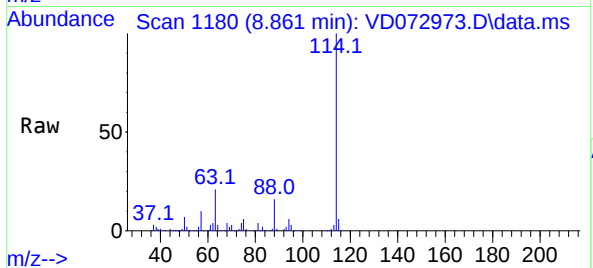


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1218-01

Tgt Ion:114 Resp: 540863

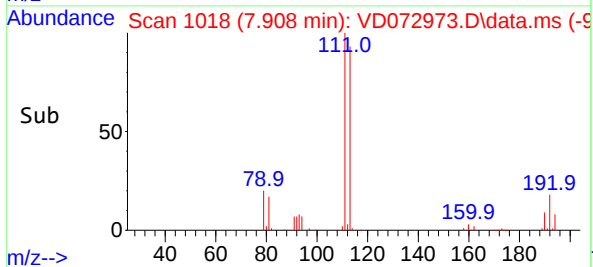
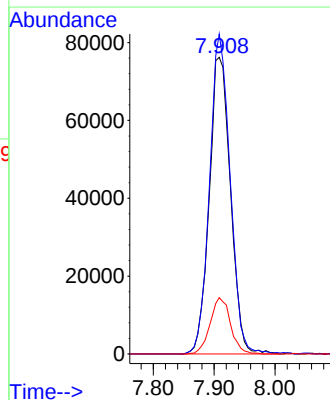
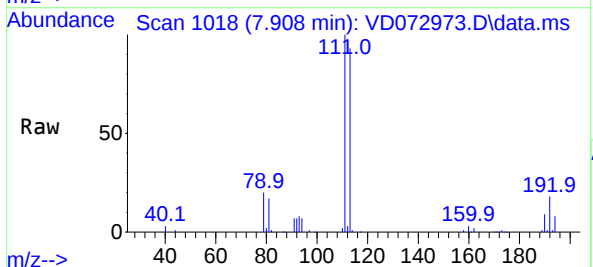
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	16.0	0.0	33.2

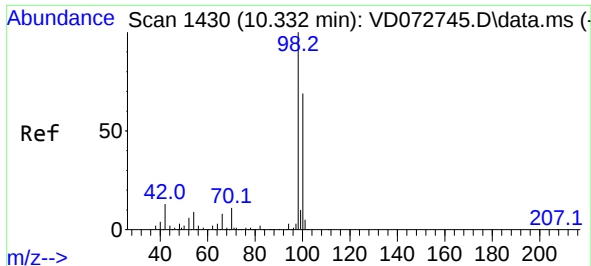


#35
Dibromofluoromethane
Concen: 48.776 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

Tgt Ion:113 Resp: 185277

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	18.1	14.6	21.8

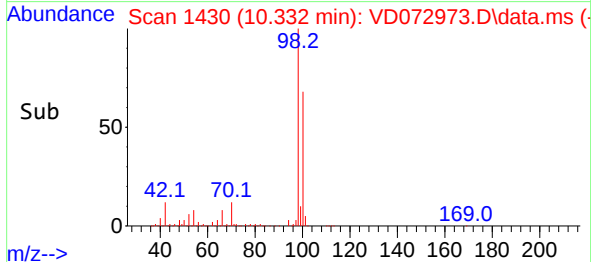
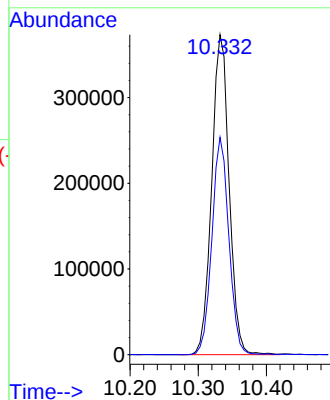
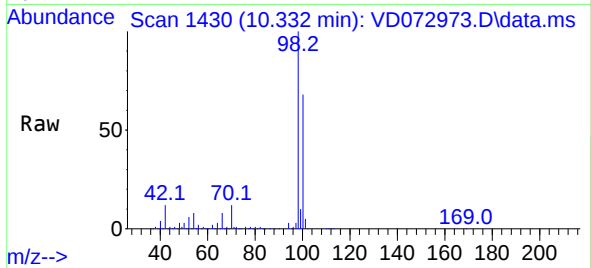




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

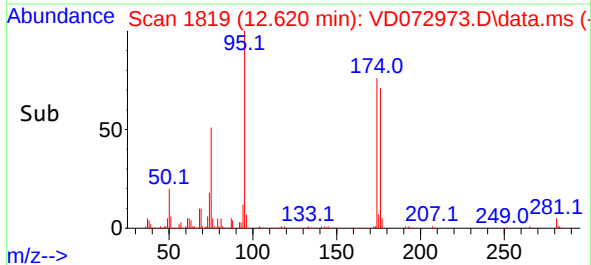
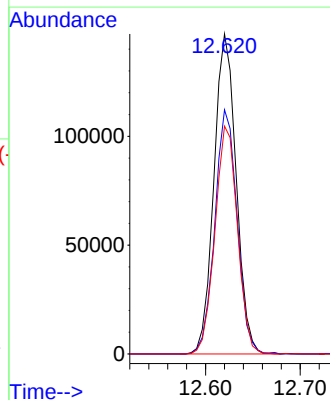
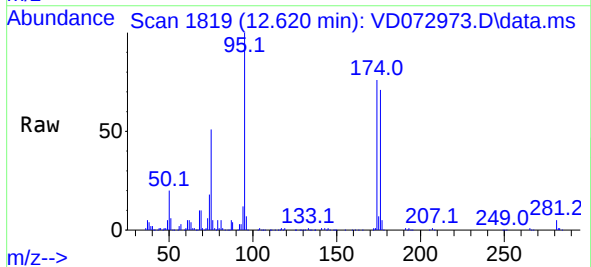
Instrument :
MSVOA_D
ClientSampleId :
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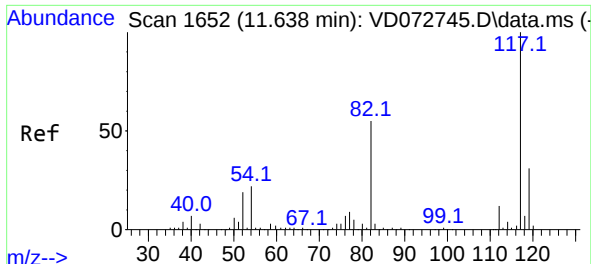
Tgt Ion: 98 Resp: 663456
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

Tgt Ion: 95 Resp: 239542
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 72.0 0.0 145.4

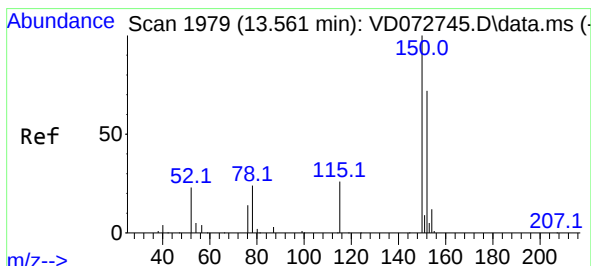
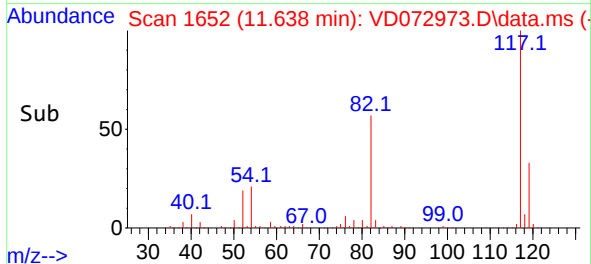
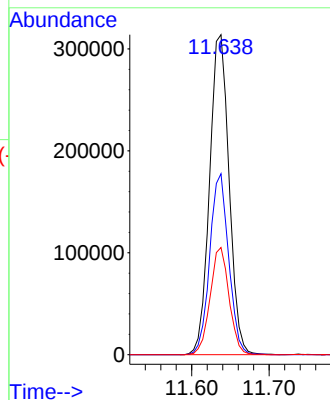
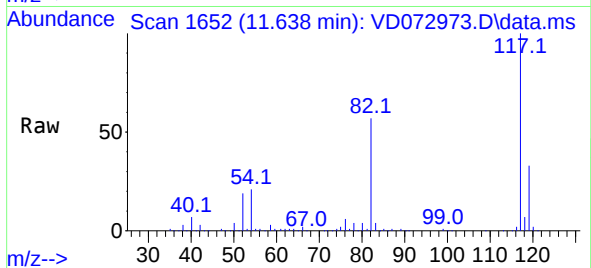




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072973.D
Acq: 13 May 2022 04:22

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1218-01

Tgt Ion:117 Resp: 548776
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 33.5 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: VD072973.D
Acq: 13 May 2022 04:22

Tgt Ion:152 Resp: 250020
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.1 0.0 348.6

