

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078673.D
 Acq On : 14 Mar 2024 18:12
 Operator : RP/MD
 Sample : P1746-08
 Misc : 5.10G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Mar 15 05:51:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	14887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	29847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	25357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16484	118.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 236.300%#	
35) Dibromofluoromethane	7.810	113	13758	71.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.180%	
50) Toluene-d8	10.269	98	31065	43.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.569	95	6847	33.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.240%	

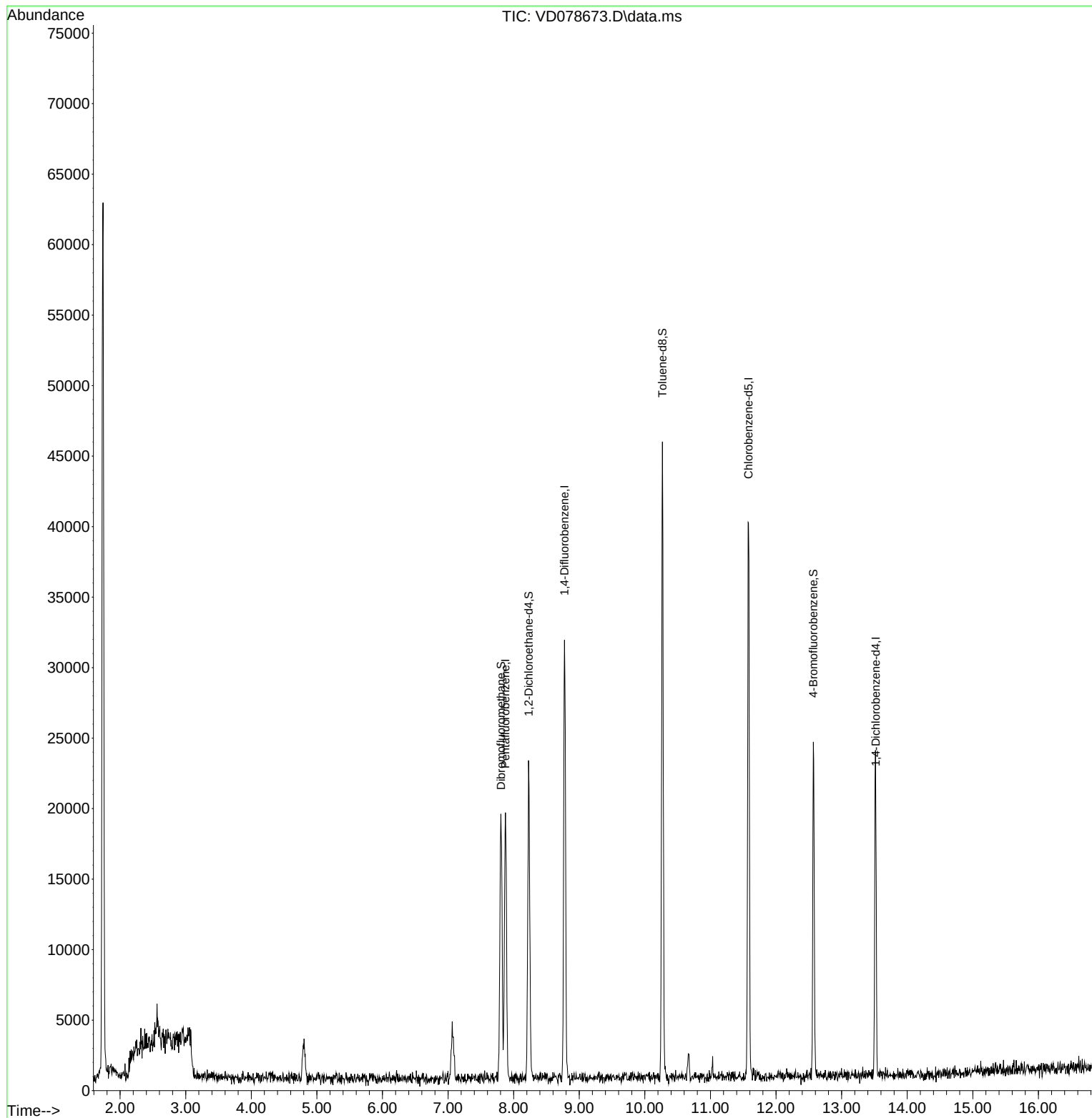
Target Compounds	Qvalue

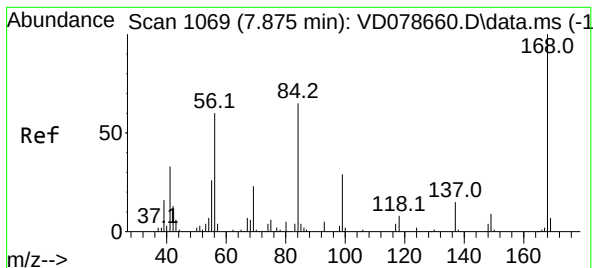
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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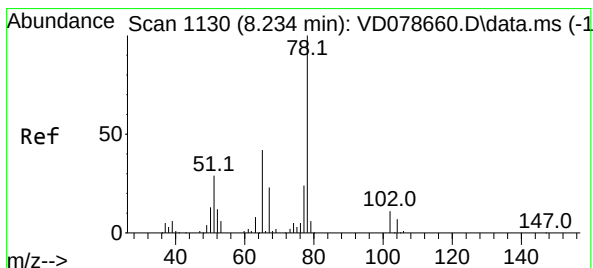
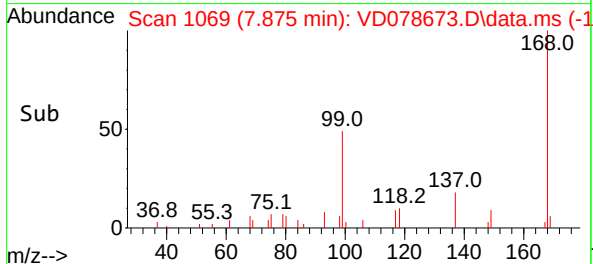
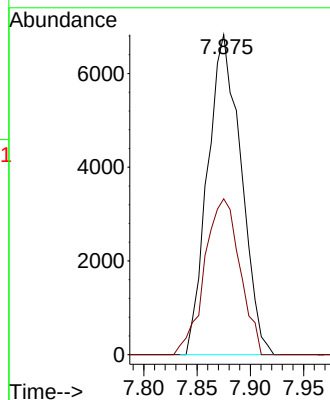
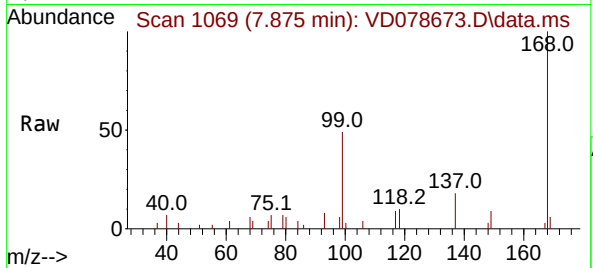




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

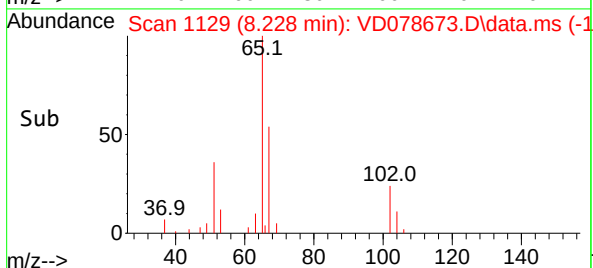
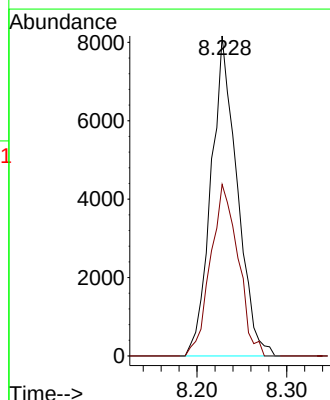
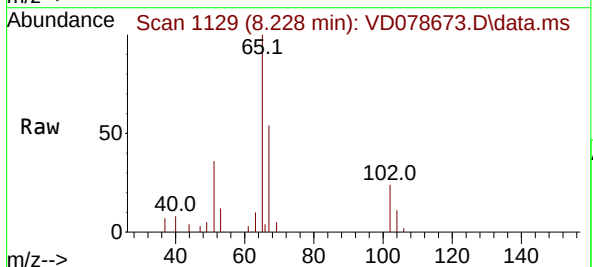
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

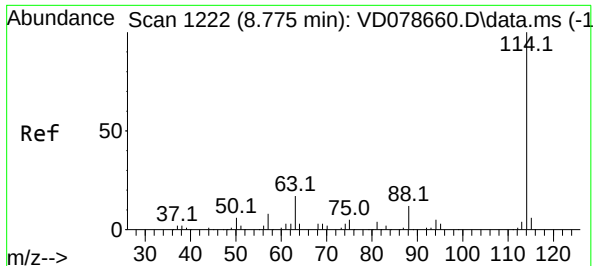
Tgt Ion:168 Resp: 14887
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 118.152 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion: 65 Resp: 16484
Ion Ratio Lower Upper
65 100
67 56.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

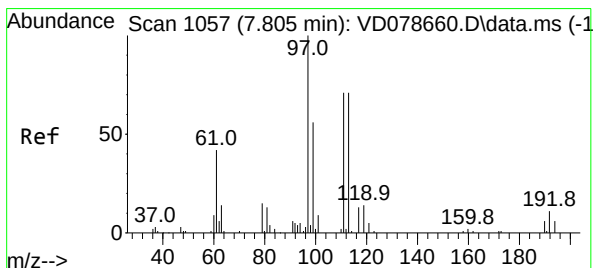
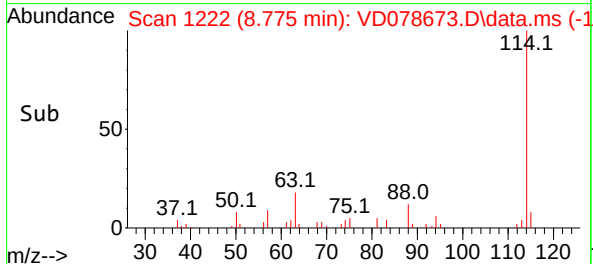
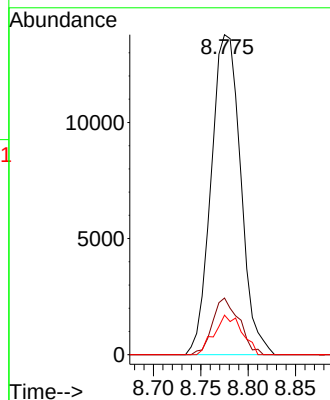
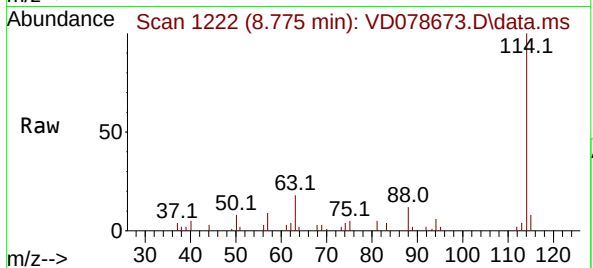
Tgt Ion:114 Resp: 29847

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 71.593 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

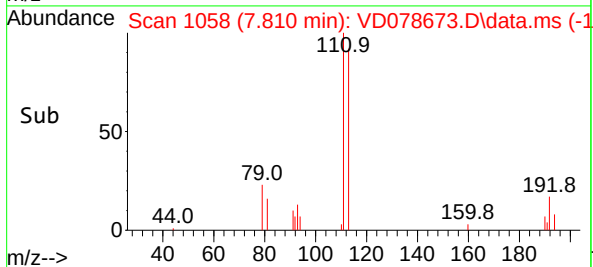
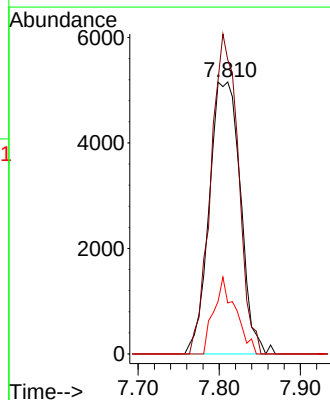
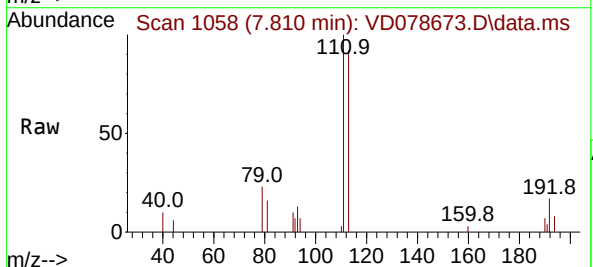
Tgt Ion:113 Resp: 13758

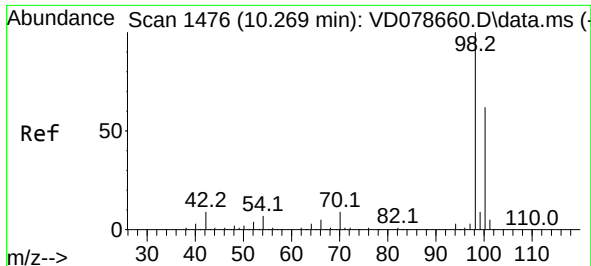
Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.6 15.4 23.0

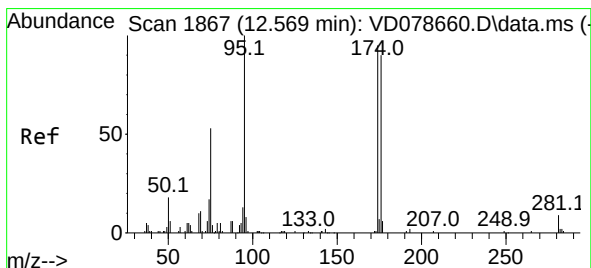
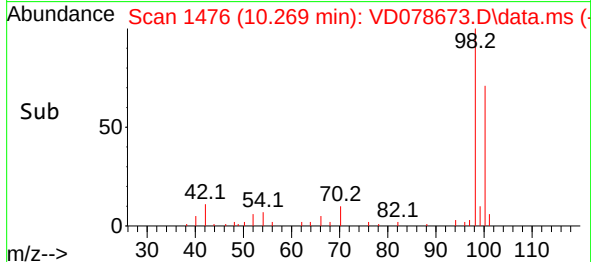
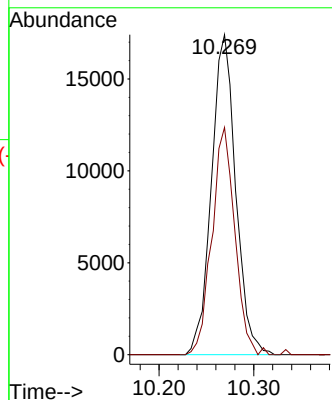
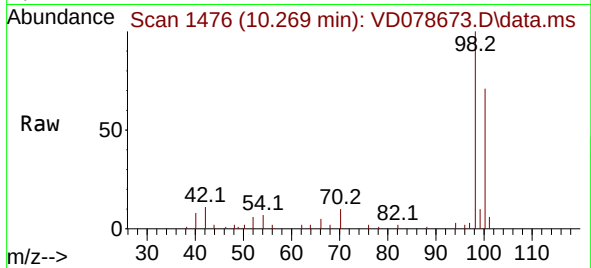




#50
Toluene-d8
Concen: 43.955 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

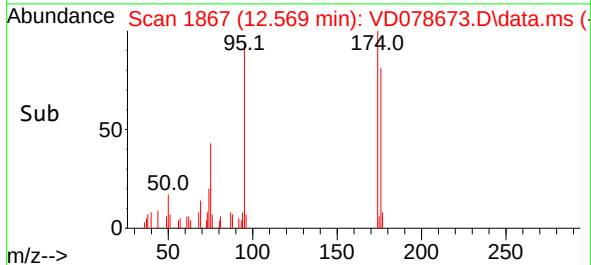
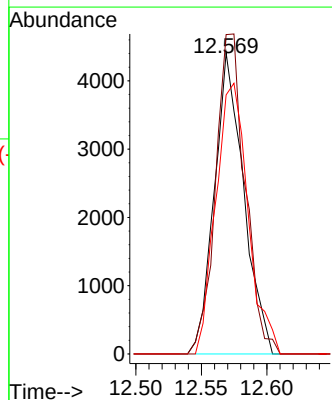
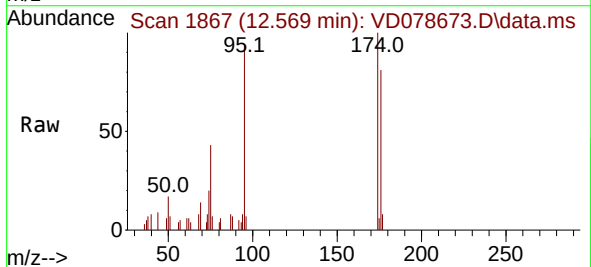
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SB-03-0-2.0

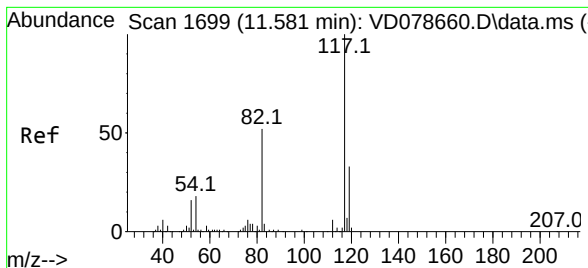
Tgt Ion: 98 Resp: 31065
Ion Ratio Lower Upper
98 100
100 67.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 33.116 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion: 95 Resp: 6847
Ion Ratio Lower Upper
95 100
174 107.0 0.0 195.2
176 99.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

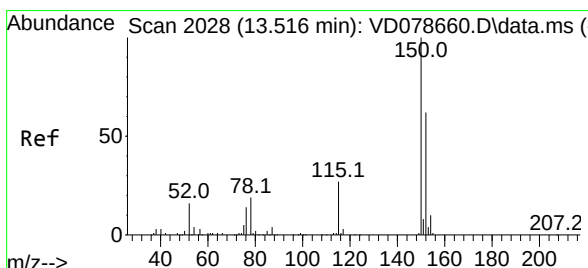
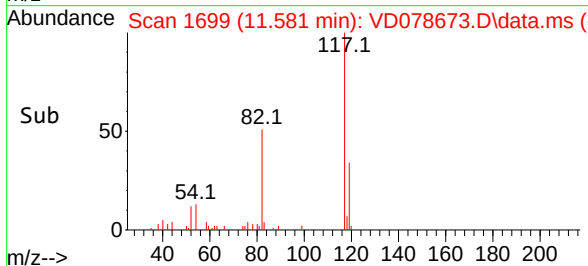
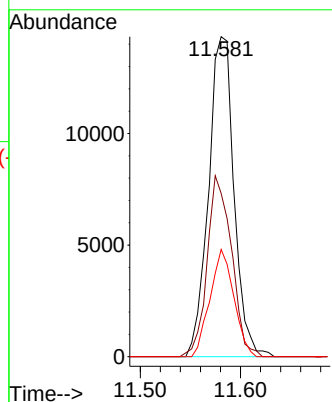
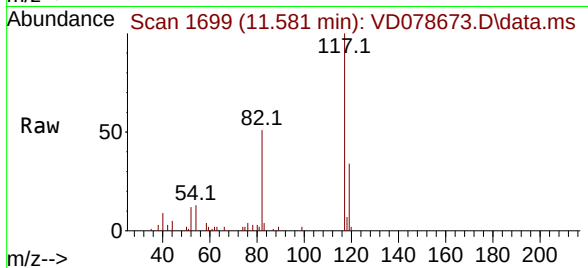
Tgt Ion:117 Resp: 25357

Ion Ratio Lower Upper

117 100

82 51.0 41.4 62.2

119 33.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

Tgt Ion:152 Resp: 7160

Ion Ratio Lower Upper

152 100

115 51.2 27.1 81.2

150 144.5 0.0 350.2

