

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078674.D
 Acq On : 14 Mar 2024 18:39
 Operator : RP/MD
 Sample : P1746-09
 Misc : 5.07G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-2.0-3.0

Quant Time: Mar 15 05:52:13 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	52909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	75030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41793	84.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.580%#	
35) Dibromofluoromethane	7.805	113	43544	69.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.900%	
50) Toluene-d8	10.269	98	119910	52.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.575	95	22603	33.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.500%	

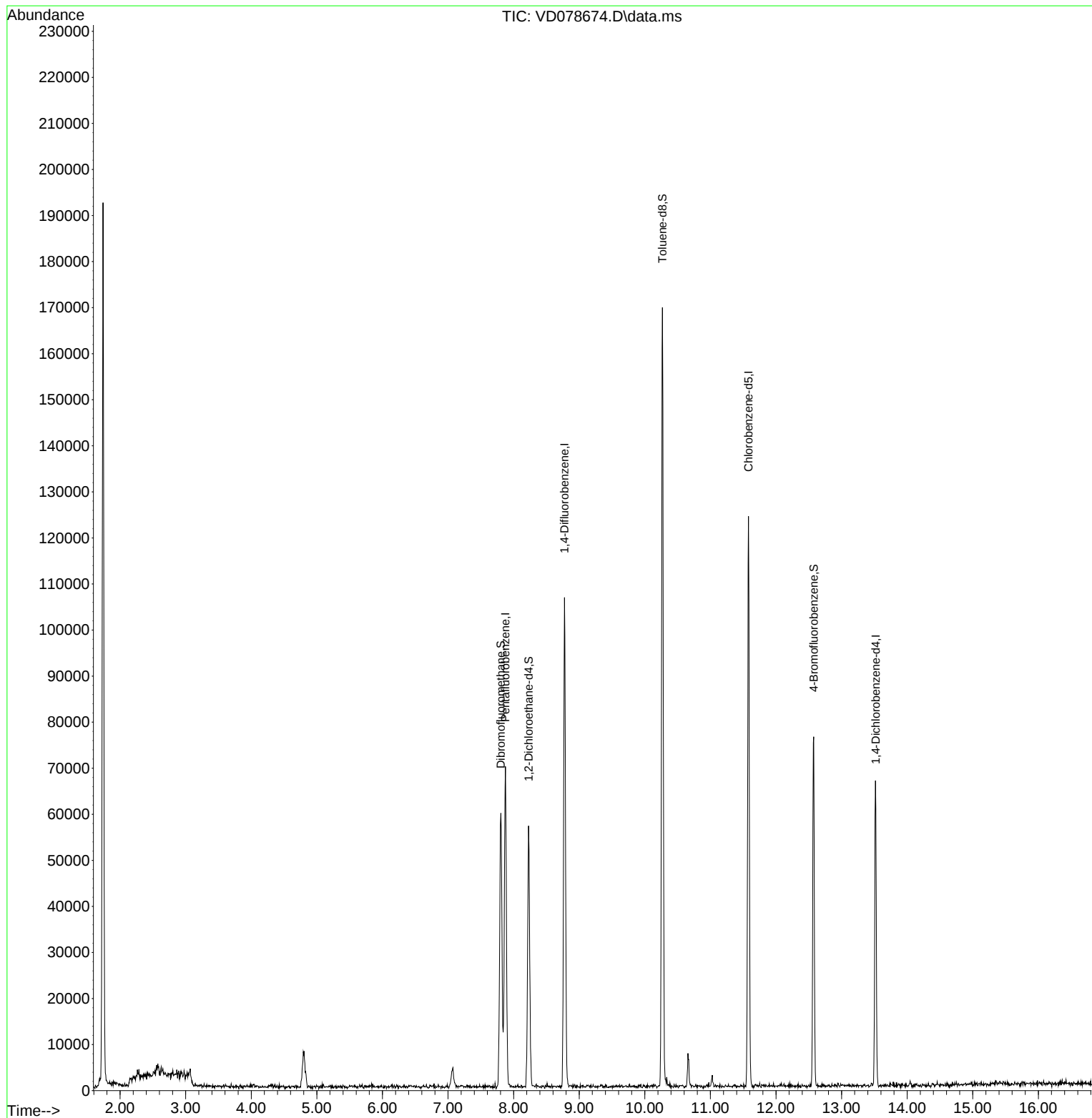
Target Compounds	Qvalue

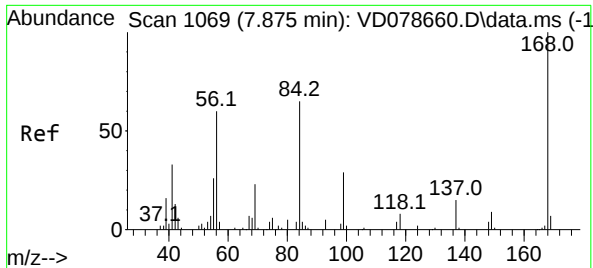
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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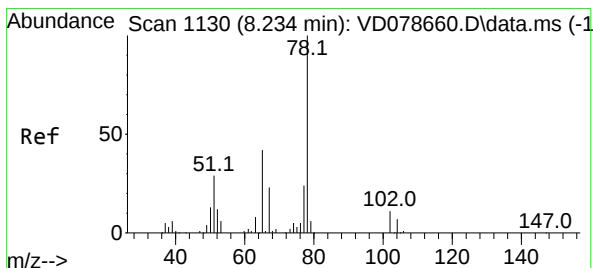
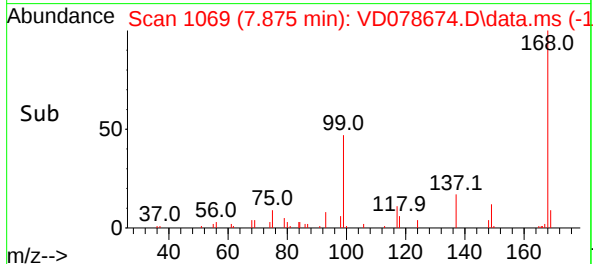
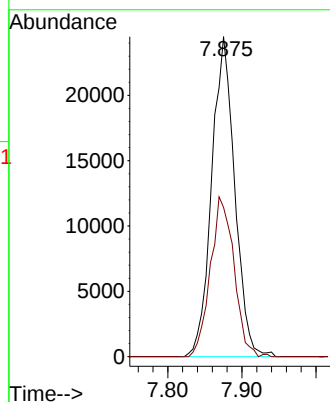
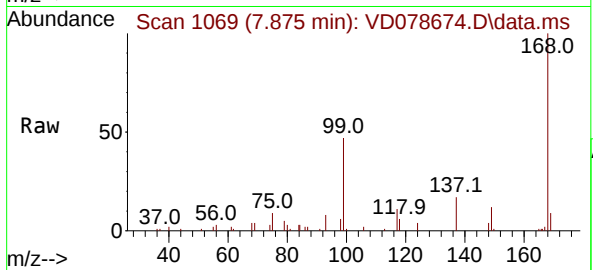




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

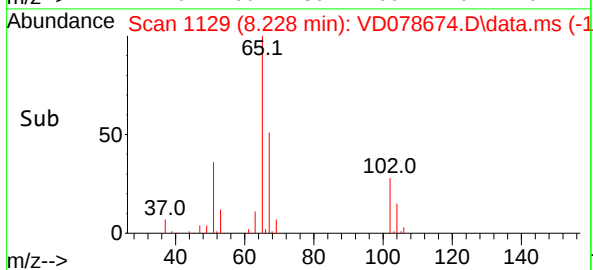
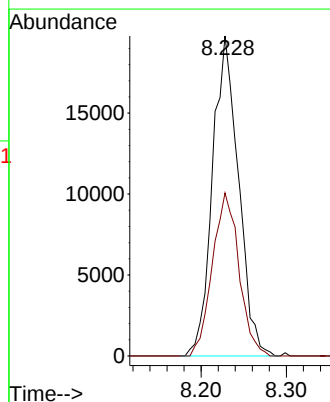
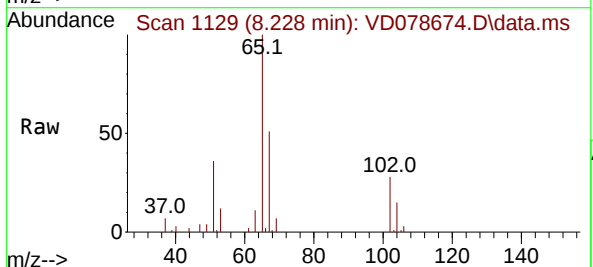
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

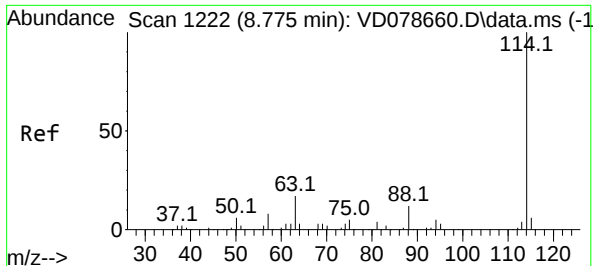
Tgt Ion:168 Resp: 52909
Ion Ratio Lower Upper
168 100
99 46.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 84.287 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 65 Resp: 41793
Ion Ratio Lower Upper
65 100
67 52.2 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: VD078674.D

Acq: 14 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

SB-03-2.0-3.0

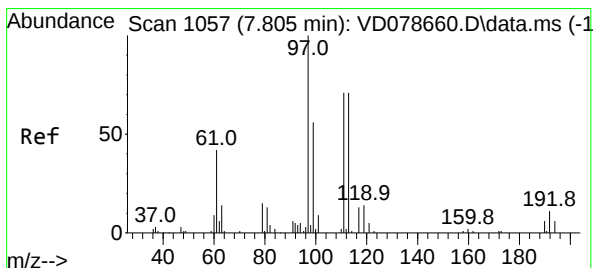
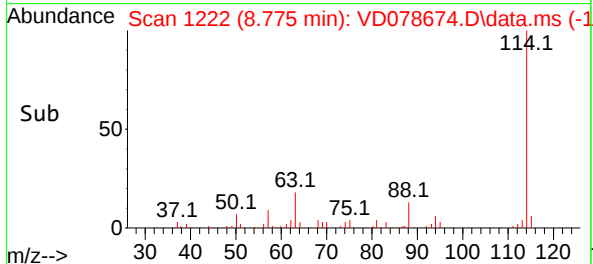
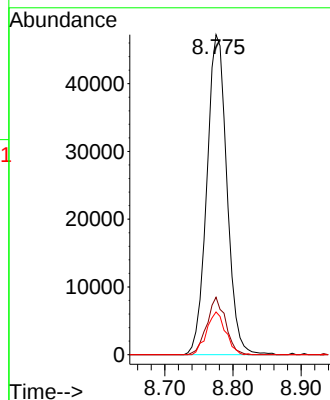
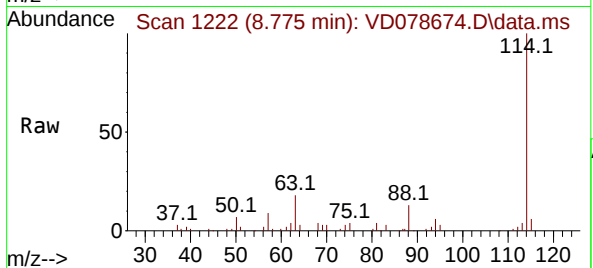
Tgt Ion:114 Resp: 96688

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 69.947 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078674.D

Acq: 14 Mar 2024 18:39

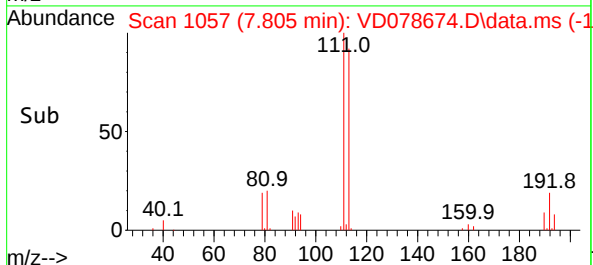
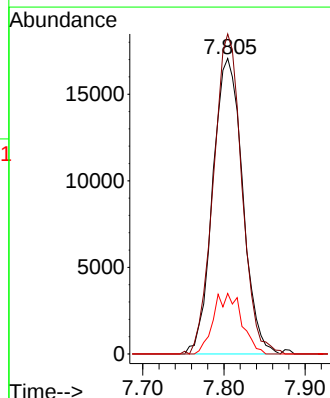
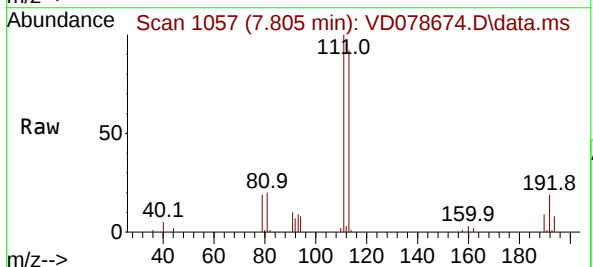
Tgt Ion:113 Resp: 43544

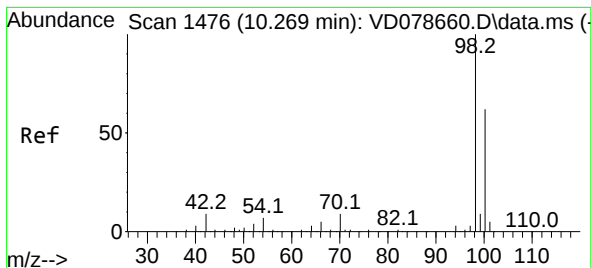
Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 19.4 15.4 23.0

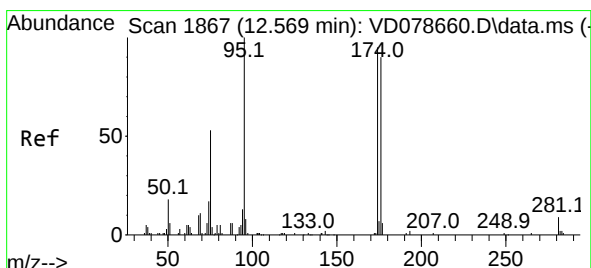
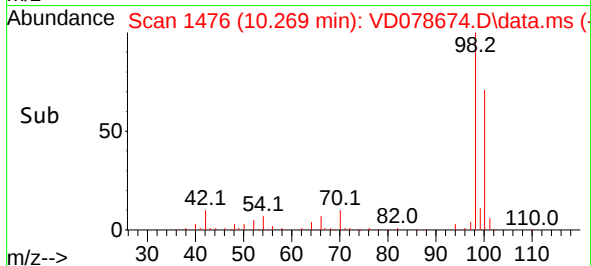
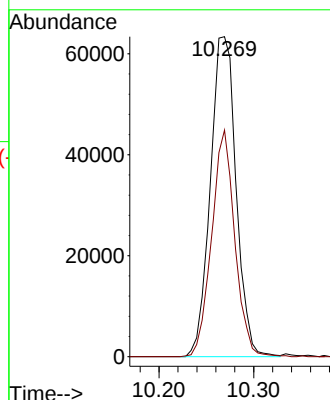
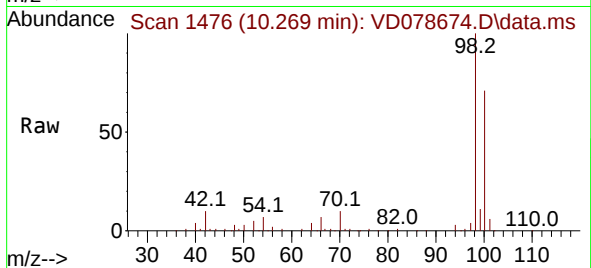




#50
Toluene-d8
Concen: 52.375 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

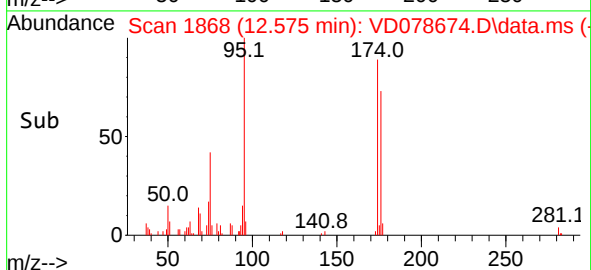
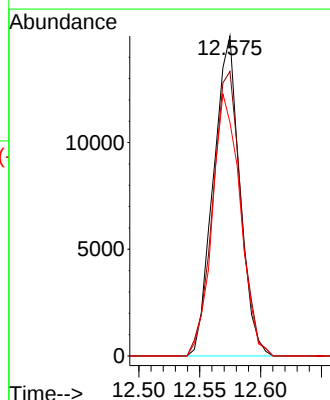
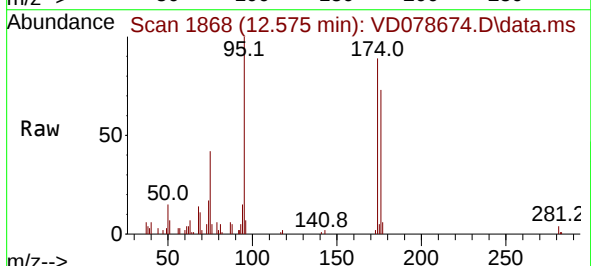
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

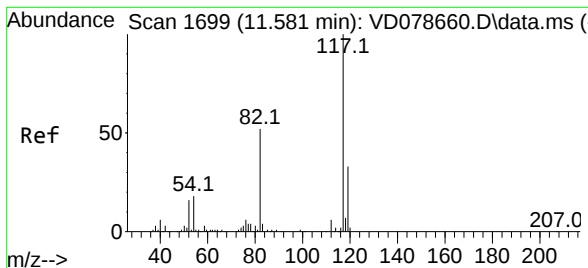
Tgt Ion: 98 Resp: 119910
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 33.746 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 95 Resp: 22603
Ion Ratio Lower Upper
95 100
174 95.0 0.0 195.2
176 87.1 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: VD078674.D

Acq: 14 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

SB-03-2.0-3.0

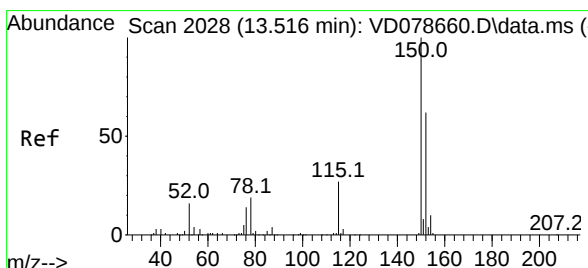
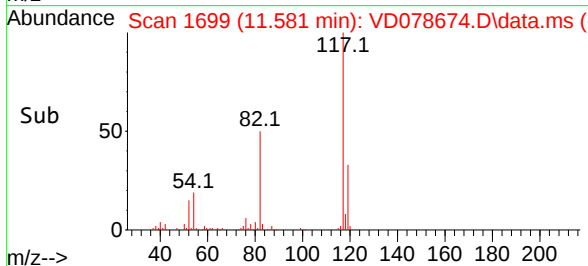
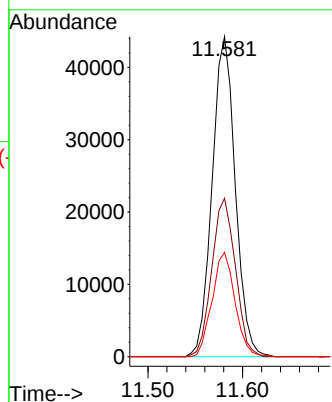
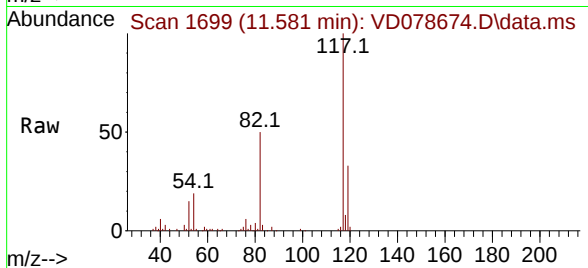
Tgt Ion:117 Resp: 75030

Ion Ratio Lower Upper

117 100

82 49.5 41.4 62.2

119 32.6 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: VD078674.D

Acq: 14 Mar 2024 18:39

Tgt Ion:152 Resp: 18801

Ion Ratio Lower Upper

152 100

115 52.0 27.1 81.2

150 154.5 0.0 350.2

