

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076753.D
 Acq On : 17 Jul 2023 14:32
 Operator : KP/SY
 Sample : 03645-03
 Misc : 5.74G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-(1-3)

Quant Time: Jul 18 01:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	331615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87169	58.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.200%
35) Dibromofluoromethane	7.804	113	109076	52.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.269	98	411840	55.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.480%
62) 4-Bromofluorobenzene	12.575	95	120843	50.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.220%

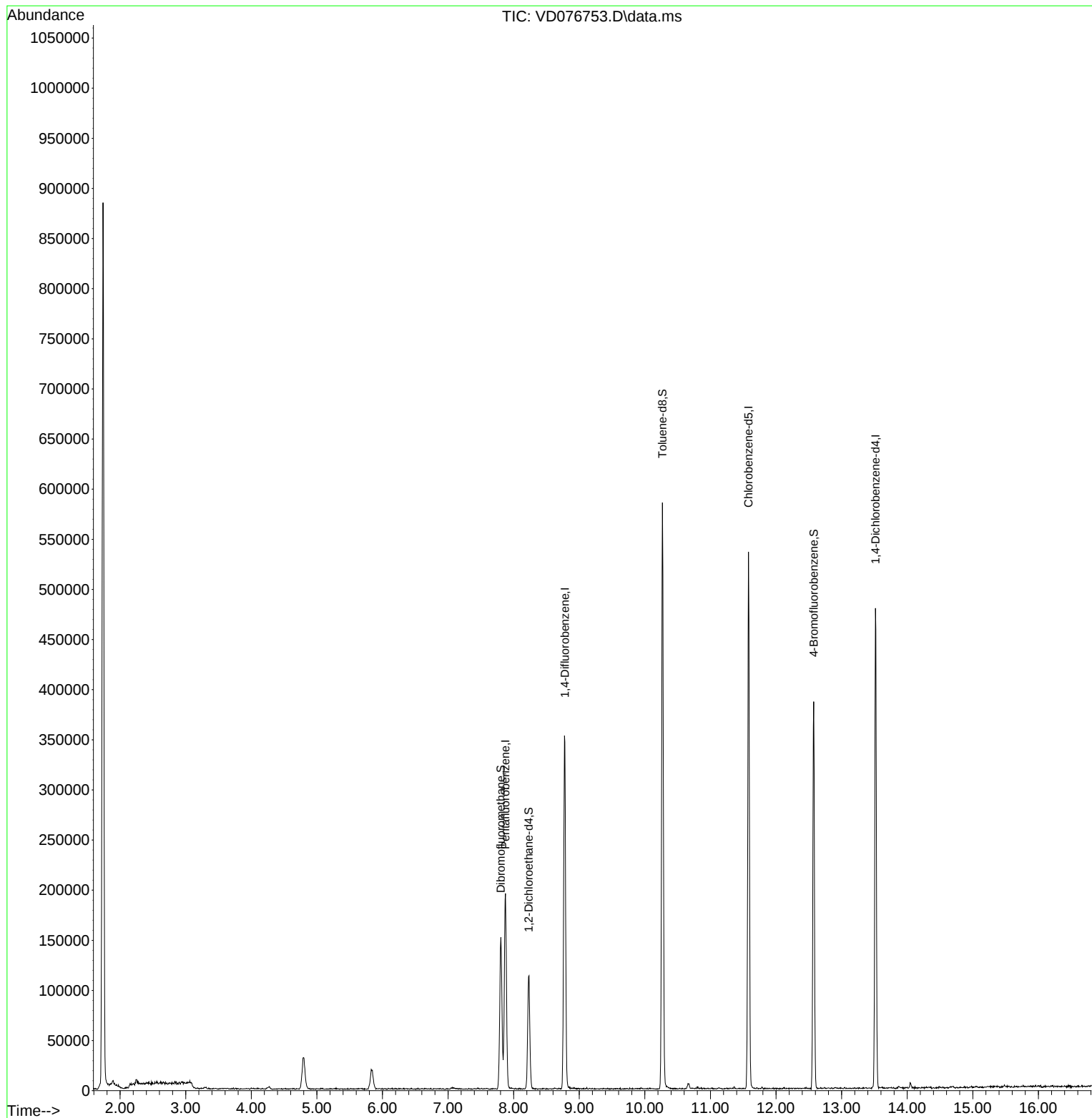
Target Compounds	Qvalue

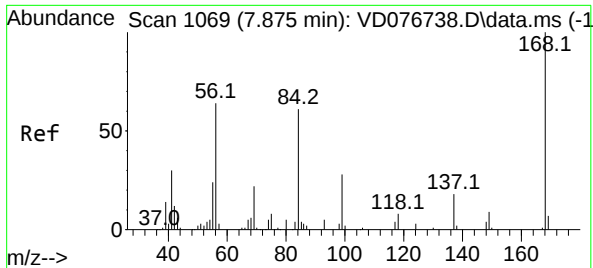
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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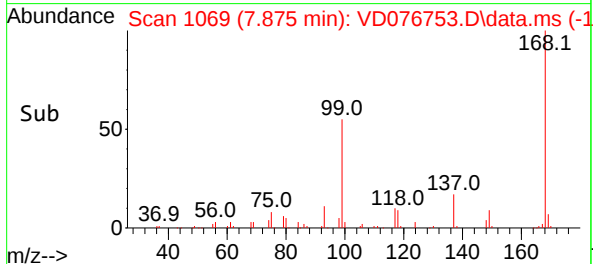
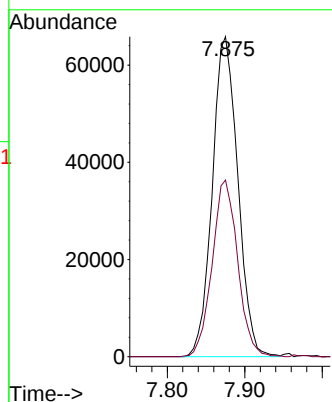
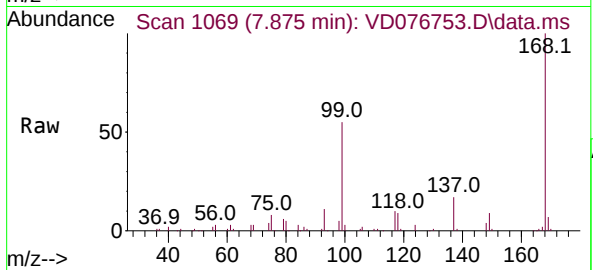




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

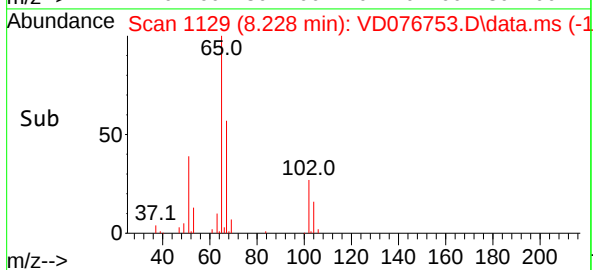
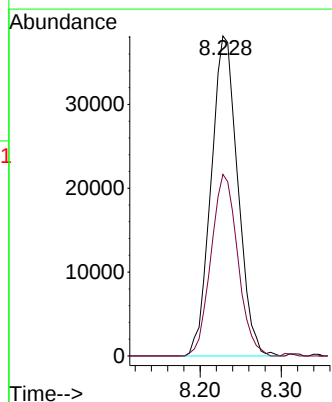
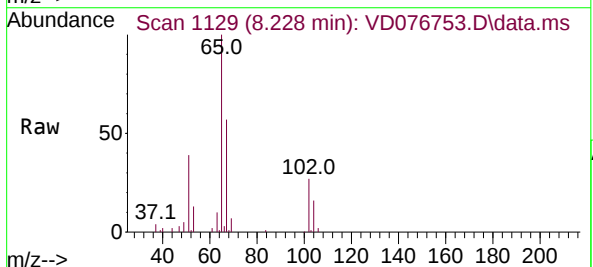
Instrument :
MSVOA_D
ClientSampleId :
SB-07-(1-3)

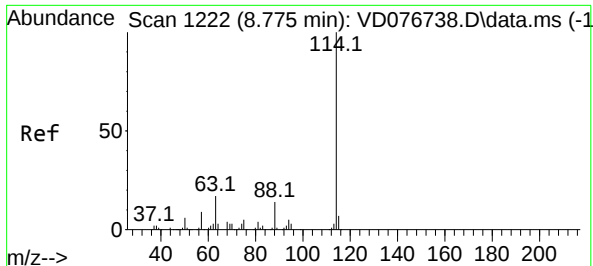
Tgt Ion:168 Resp: 150618
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 58.105 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

Tgt Ion: 65 Resp: 87169
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076753.D

Acq: 17 Jul 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

SB-07-(1-3)

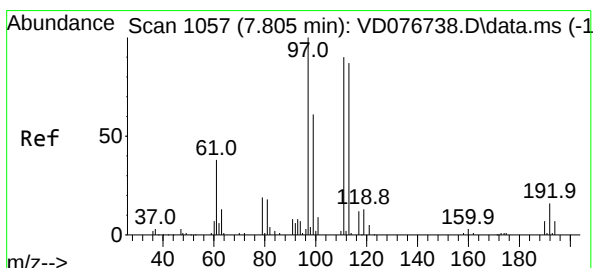
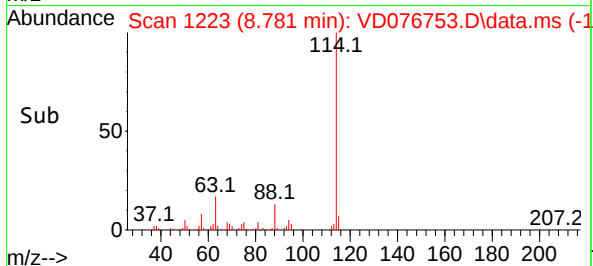
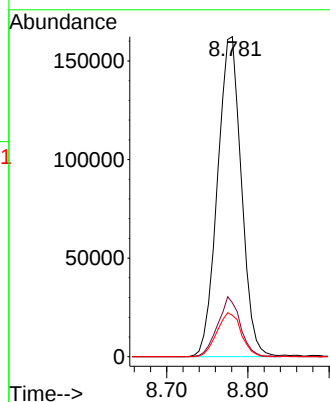
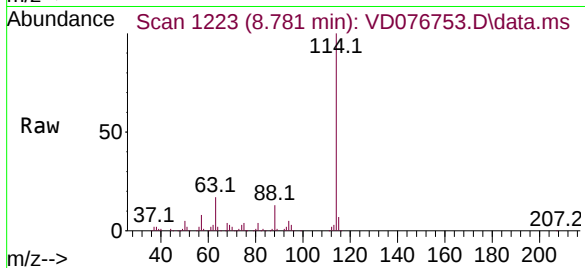
Tgt Ion:114 Resp: 331615

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.342 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076753.D

Acq: 17 Jul 2023 14:32

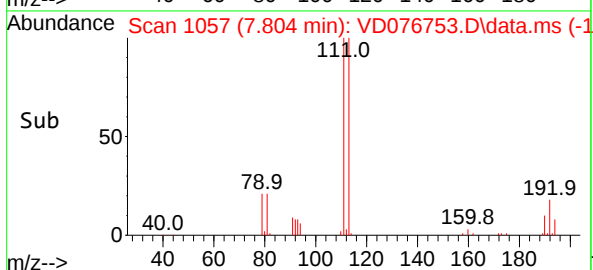
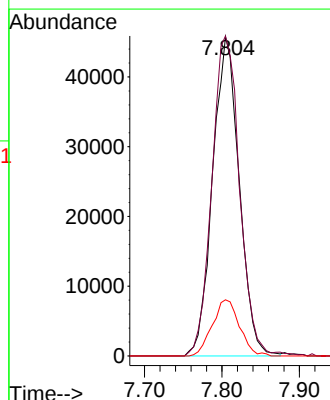
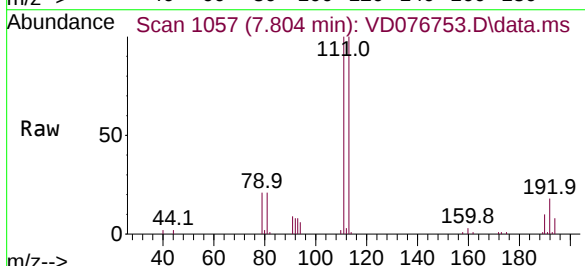
Tgt Ion:113 Resp: 109076

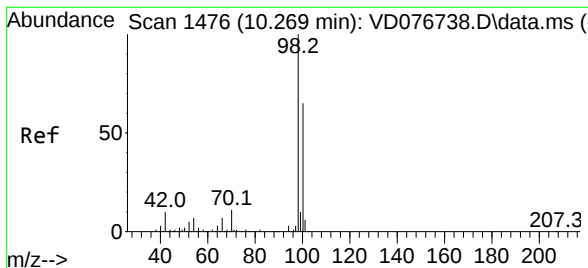
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 18.0 16.8 25.2

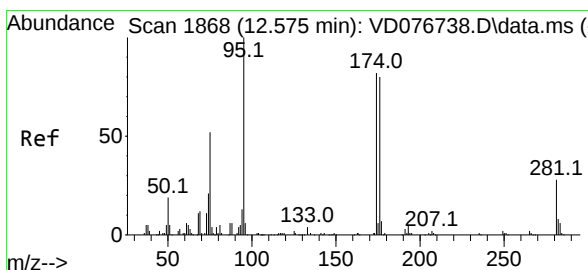
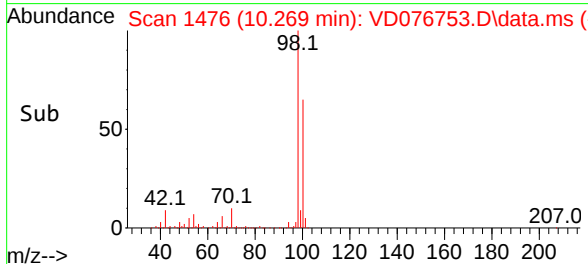
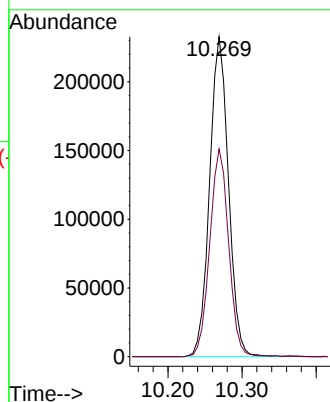
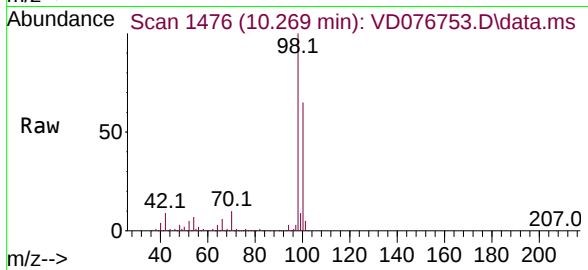




#50
Toluene-d8
Concen: 55.244 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

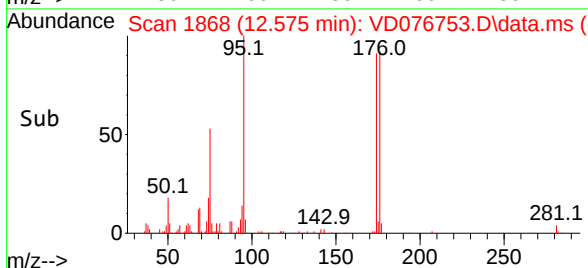
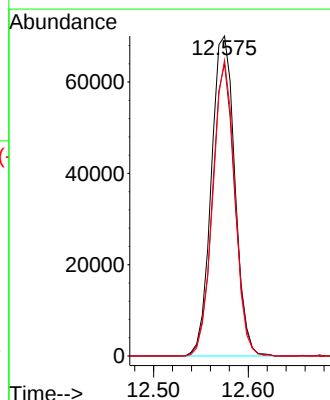
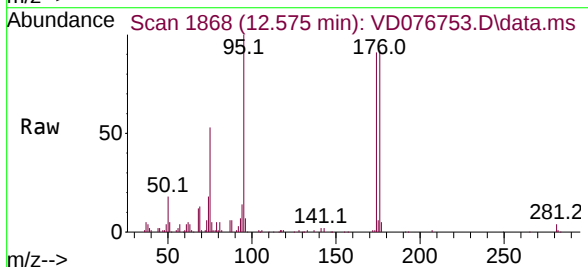
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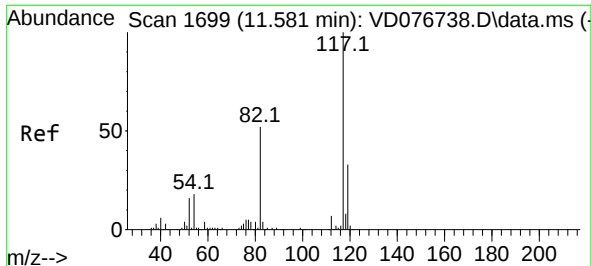
Tgt Ion: 98 Resp: 411840
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

Tgt Ion: 95 Resp: 120843
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 86.3 0.0 191.8

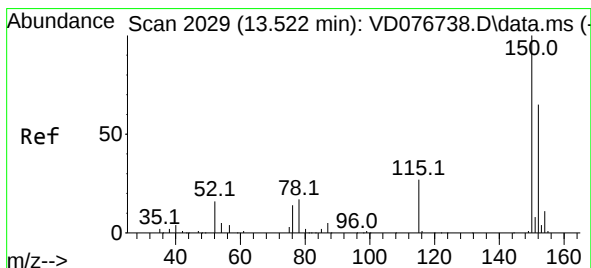
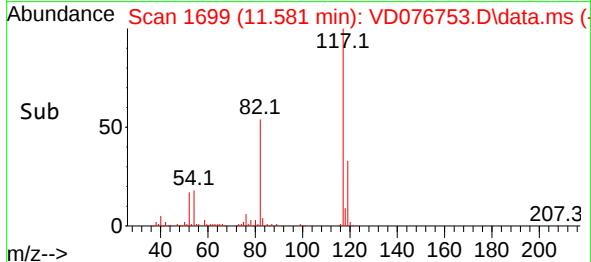
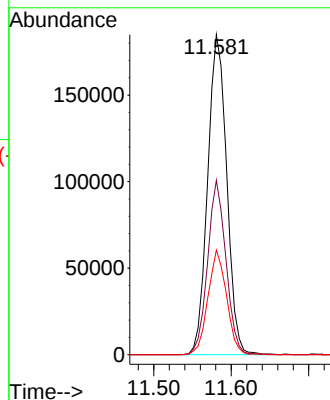
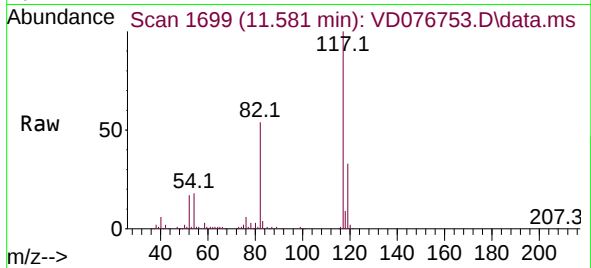




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
SB-07-(1-3)

Tgt Ion:117 Resp: 315417
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076753.D
Acq: 17 Jul 2023 14:32

Tgt Ion:152 Resp: 128769
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 161.2 0.0 353.6

