

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078753.D
 Acq On : 27 Mar 2024 15:08
 Operator : RP/MD
 Sample : VD0327SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

Quant Time: Mar 28 05:09:43 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	161785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	301288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70391	46.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.805	113	90632	46.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.269	98	364968	51.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.575	95	88188	42.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.500%

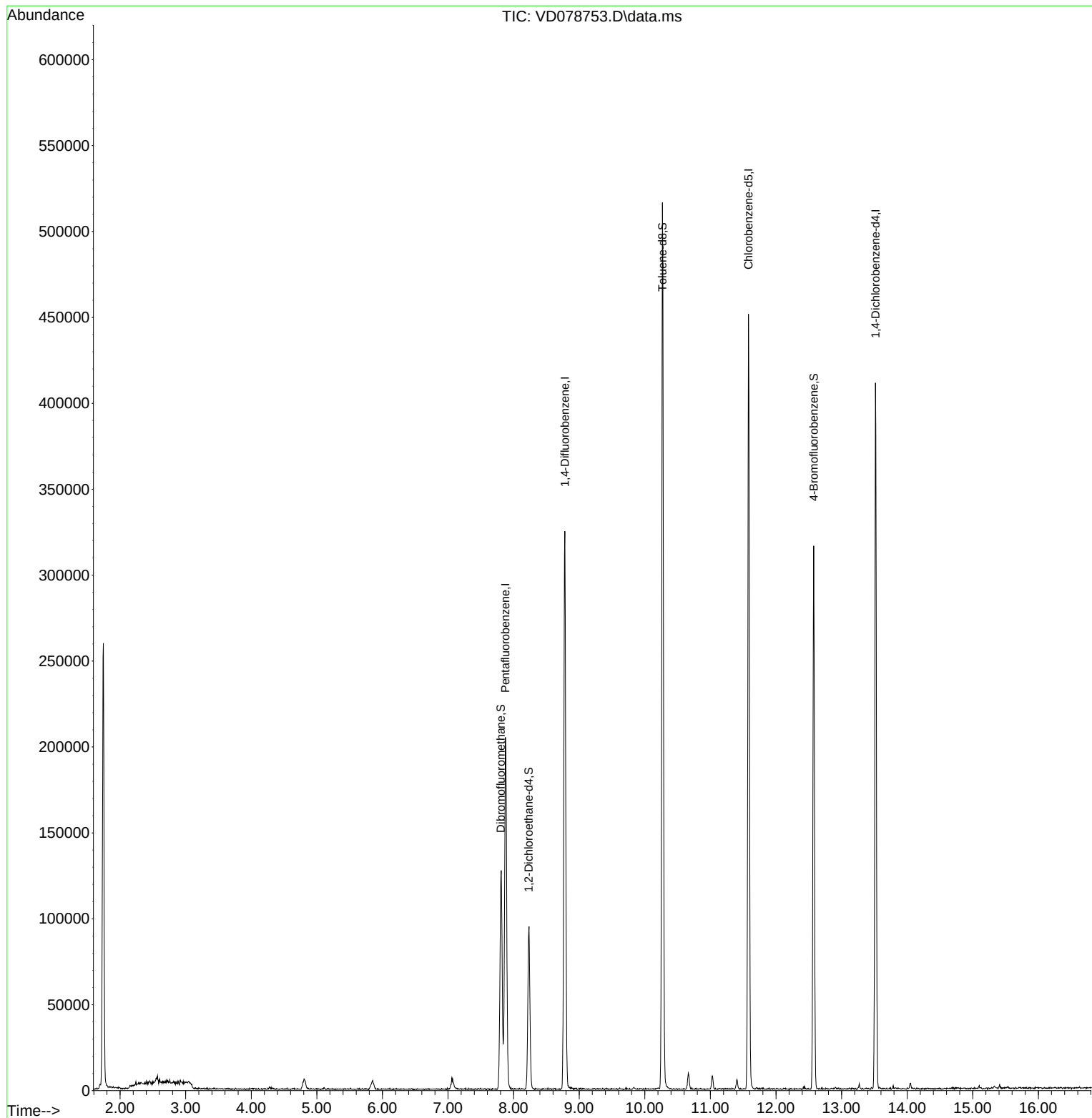
Target Compounds	Qvalue

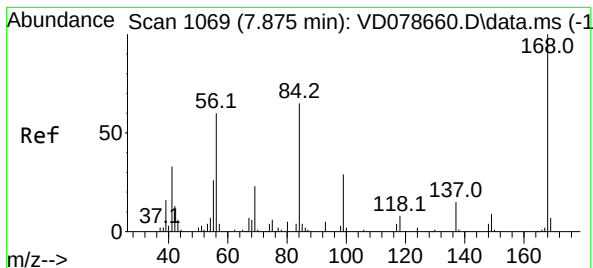
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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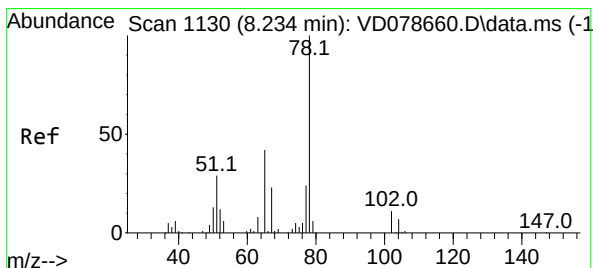
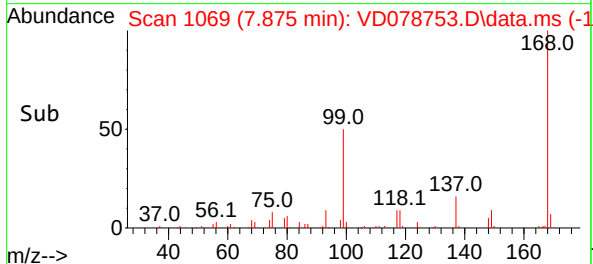
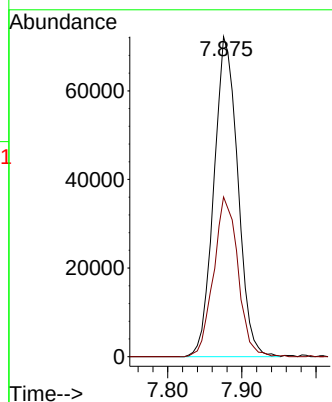
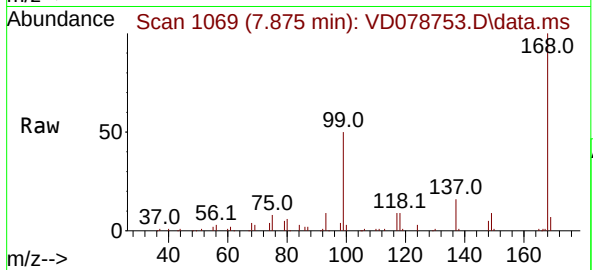




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

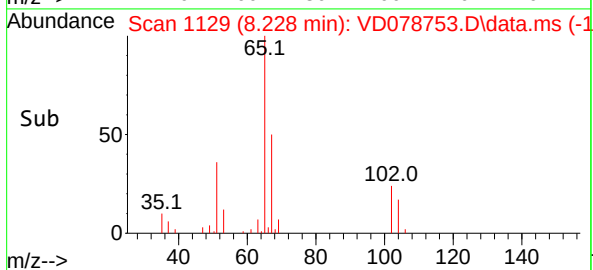
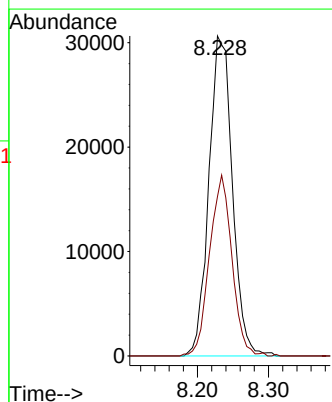
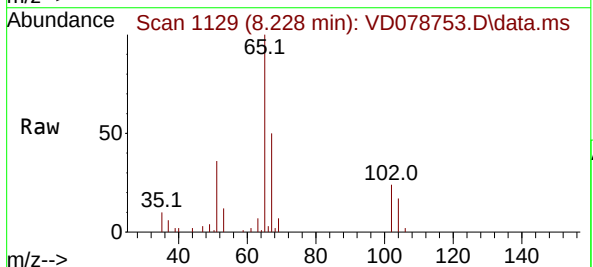
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

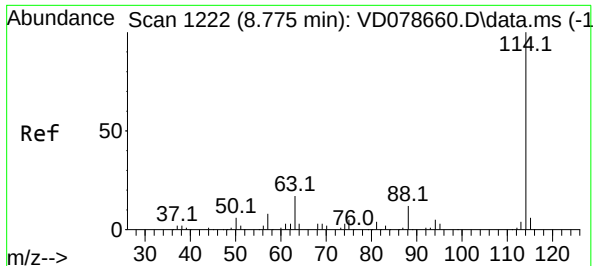
Tgt Ion:168 Resp: 161785
Ion Ratio Lower Upper
168 100
99 49.9 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 46.426 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion: 65 Resp: 70391
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL01

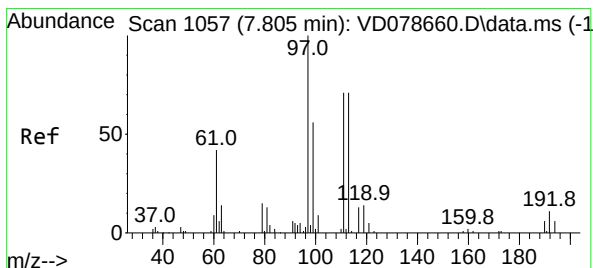
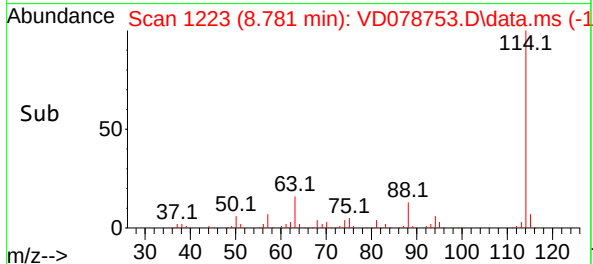
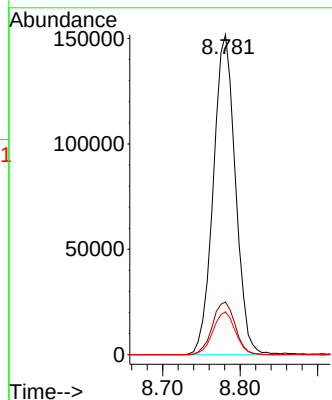
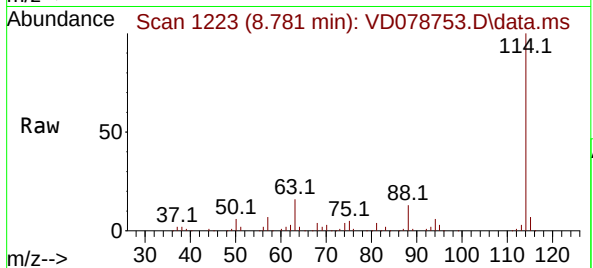
Tgt Ion:114 Resp: 301288

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.721 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

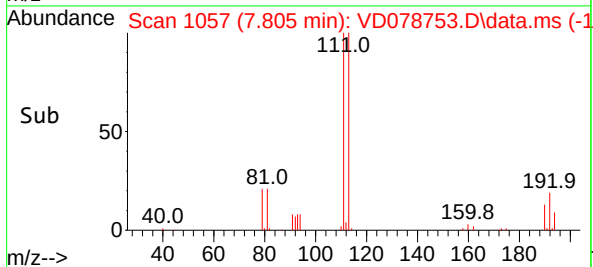
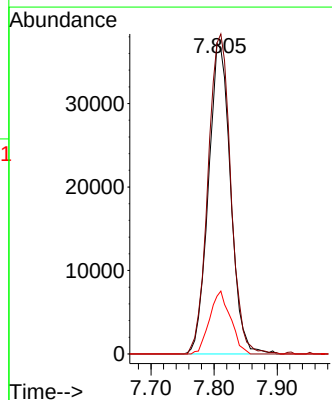
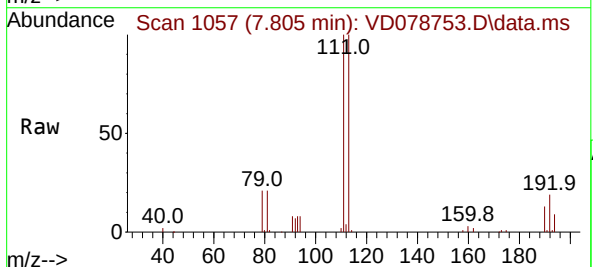
Tgt Ion:113 Resp: 90632

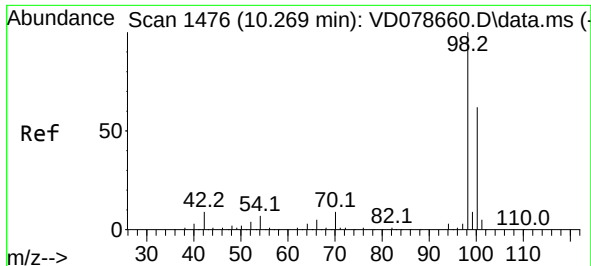
Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

192 19.2 15.4 23.0

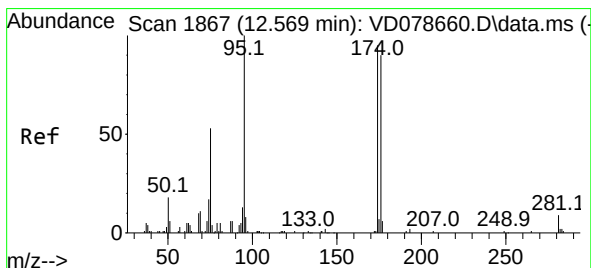
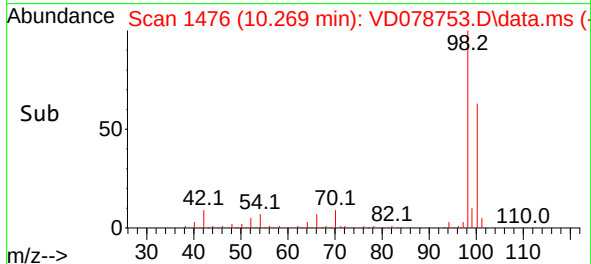
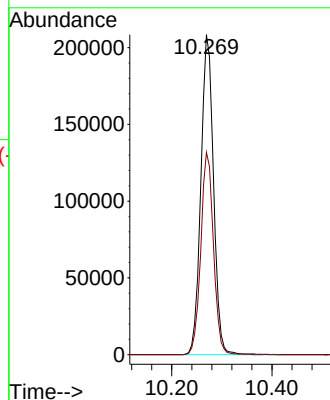
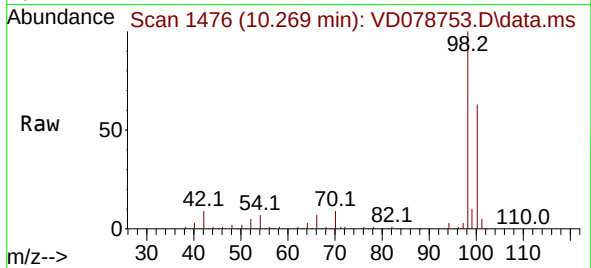




#50
Toluene-d8
Concen: 51.158 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

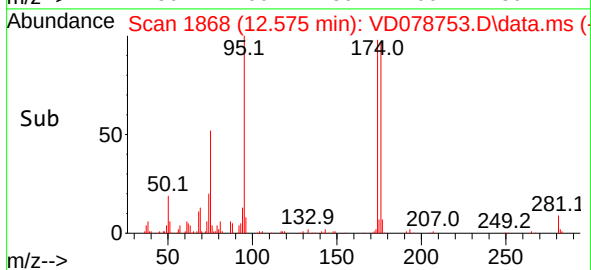
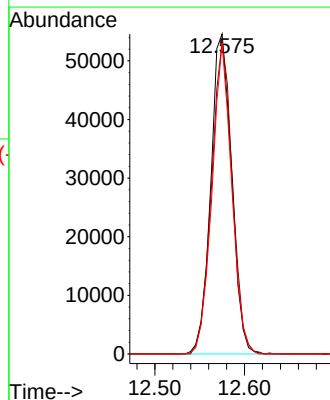
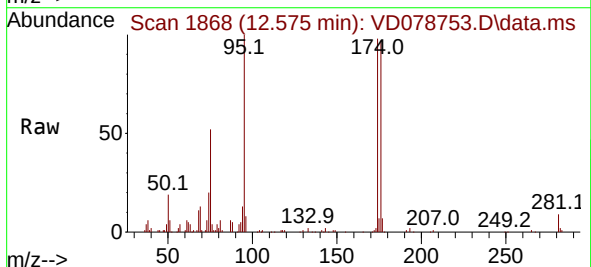
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

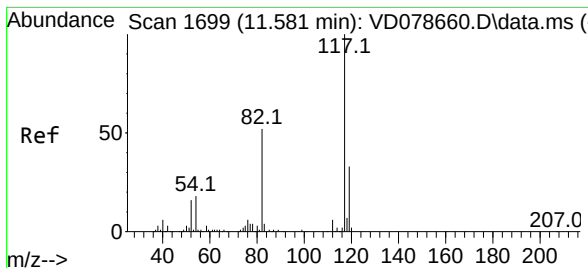
Tgt Ion: 98 Resp: 364968
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.253 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion: 95 Resp: 88188
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.2
176 91.4 0.0 188.2

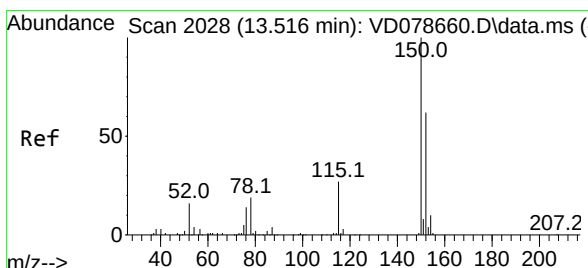
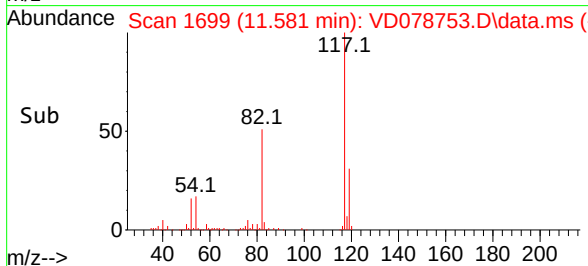
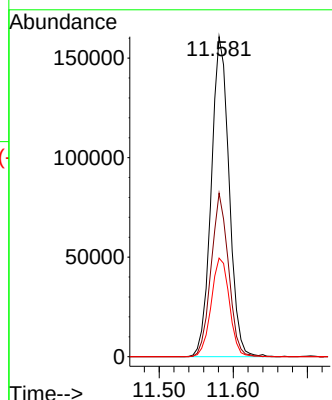
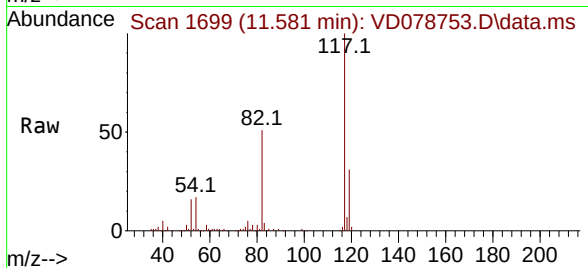




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Tgt Ion:117 Resp: 268576
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.2
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion:152 Resp: 113145
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 152.3 0.0 350.2

