

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078977.D
 Acq On : 22 May 2024 14:14
 Operator : RP/MD
 Sample : VD0522SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBL01

Quant Time: May 23 06:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64413	51.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.804	113	86072	49.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.269	98	331834	50.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.575	95	90399	48.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.920%

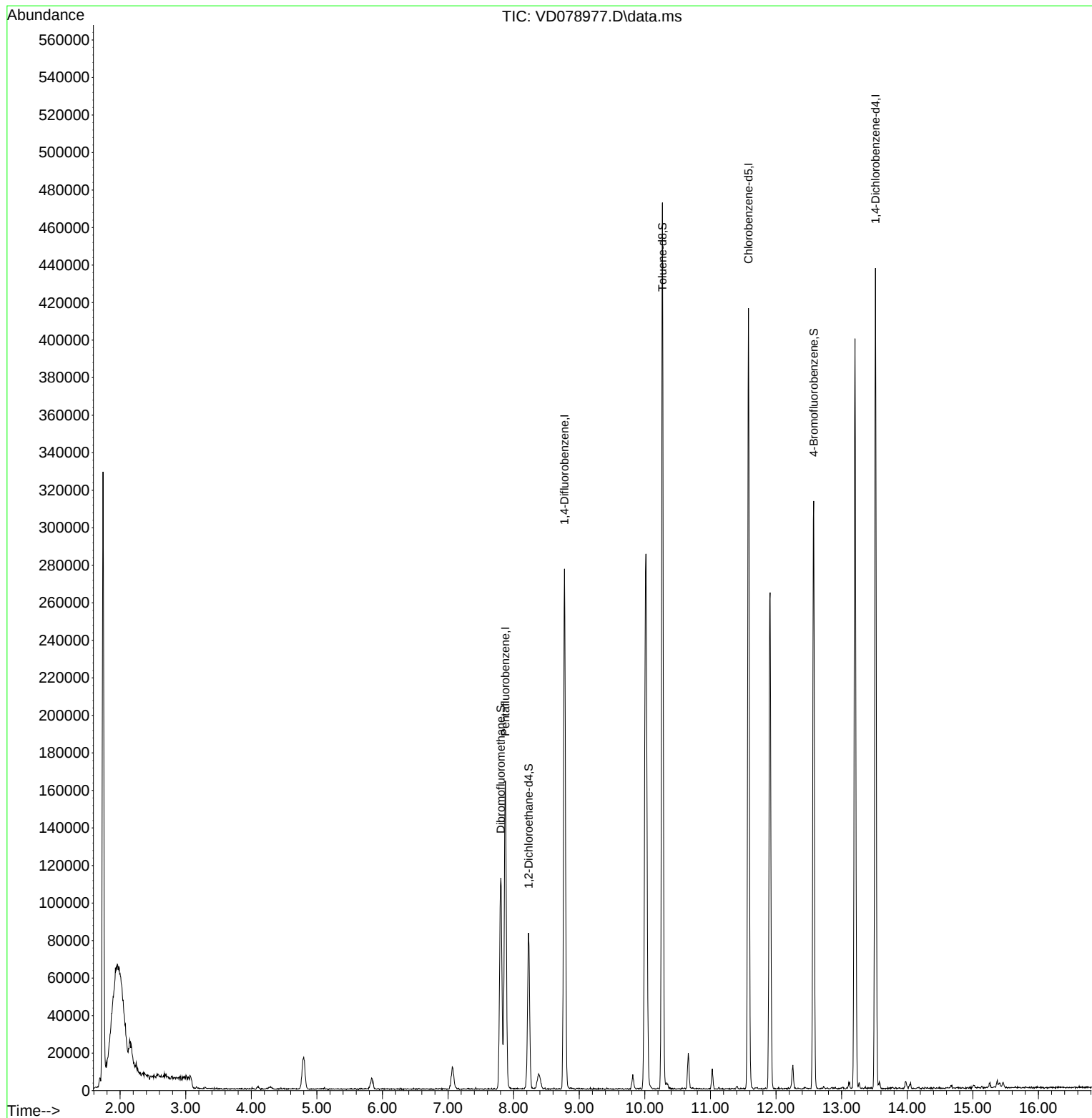
Target Compounds	Qvalue

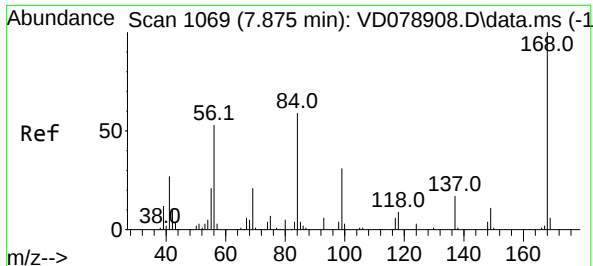
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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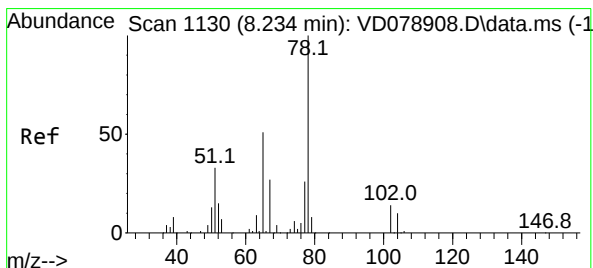
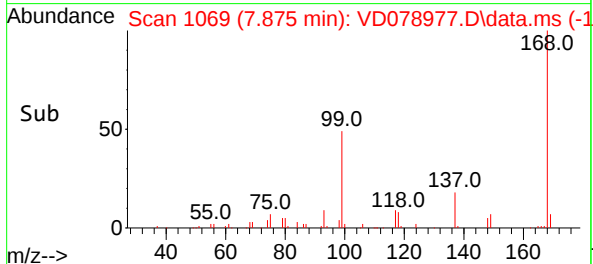
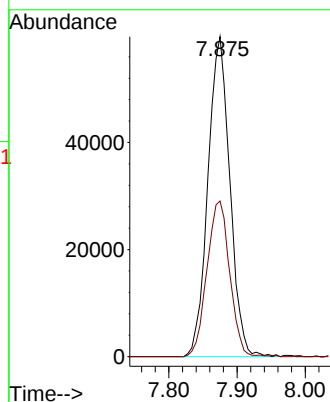
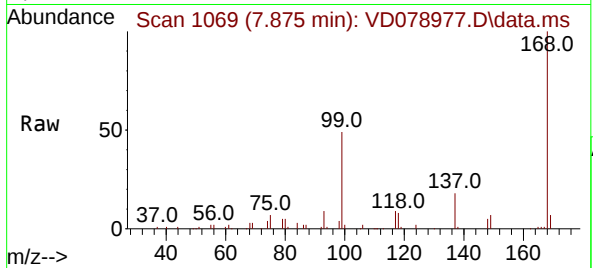




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

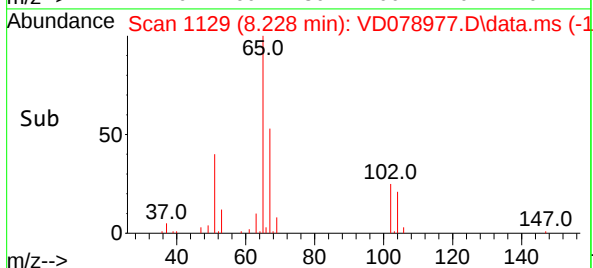
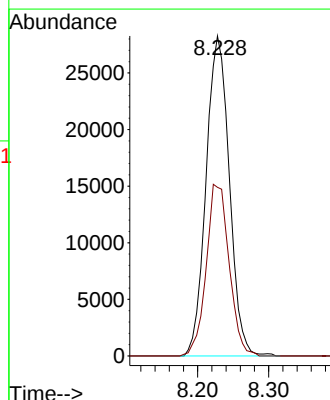
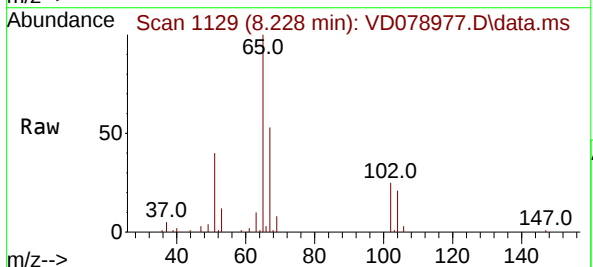
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

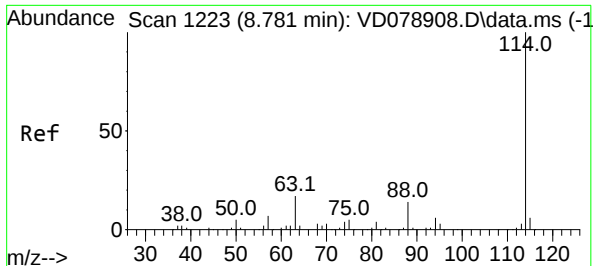
Tgt Ion:168 Resp: 134018
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 51.240 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion: 65 Resp: 64413
Ion Ratio Lower Upper
65 100
67 52.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078977.D

Acq: 22 May 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBL01

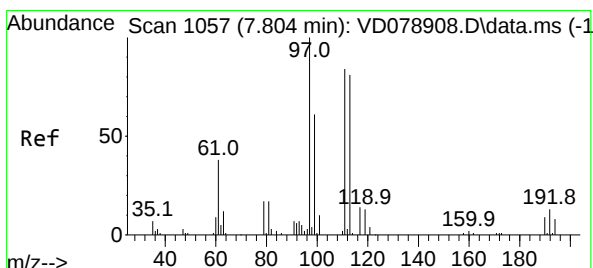
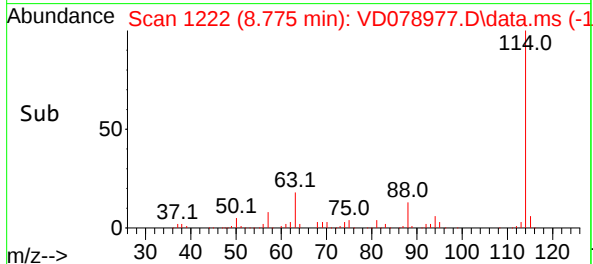
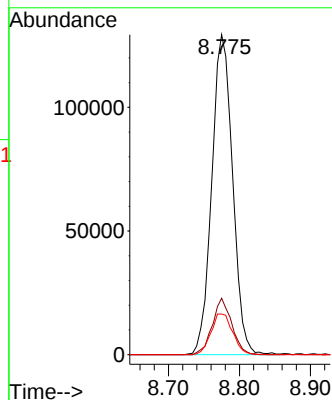
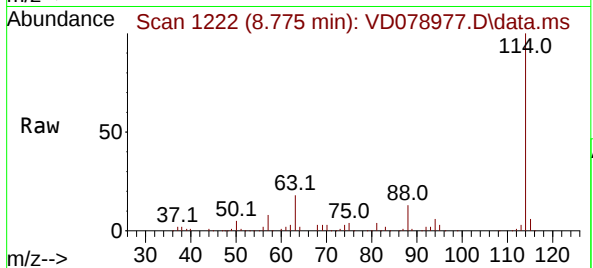
Tgt Ion:114 Resp: 263383

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.093 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078977.D

Acq: 22 May 2024 14:14

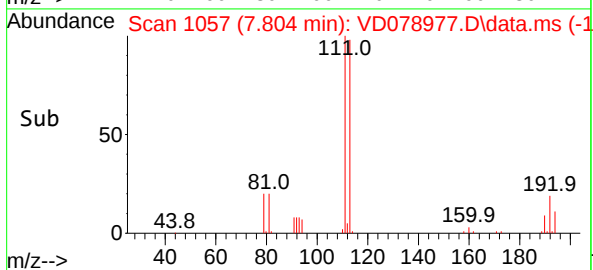
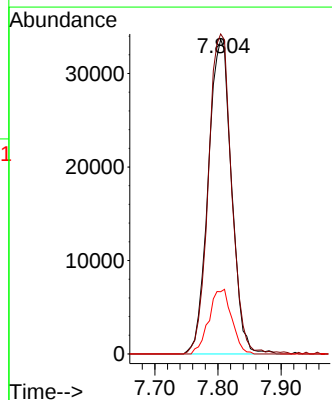
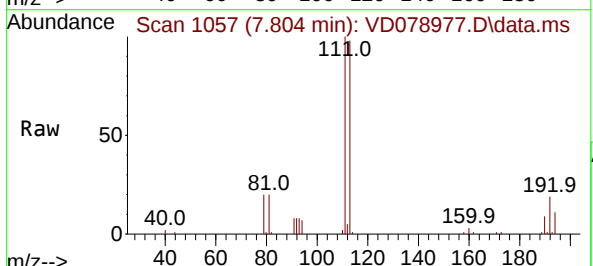
Tgt Ion:113 Resp: 86072

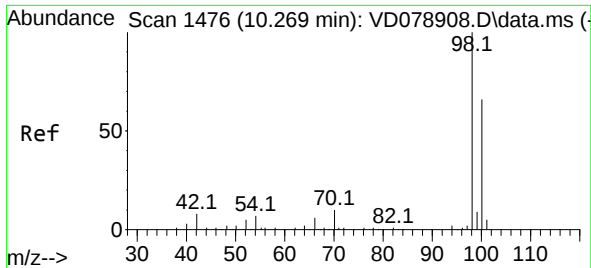
Ion Ratio Lower Upper

113 100

111 101.4 84.0 126.0

192 20.1 15.4 23.0

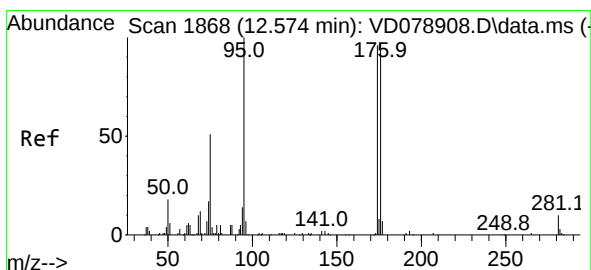
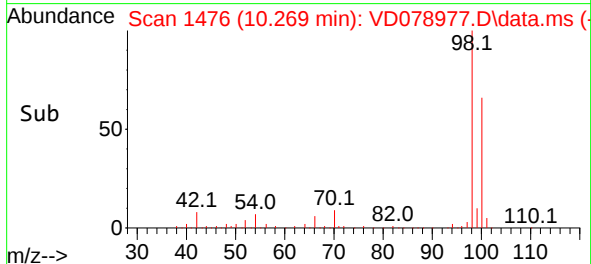
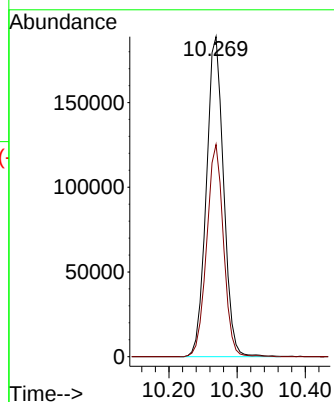
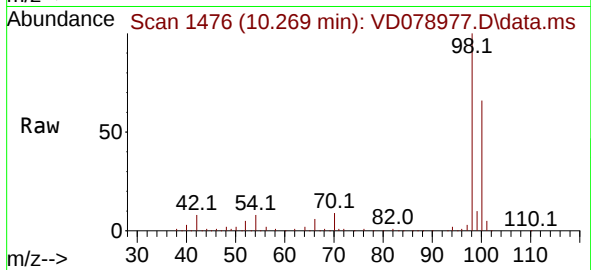




#50
Toluene-d8
Concen: 50.487 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

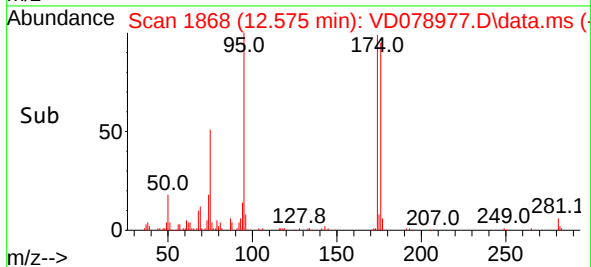
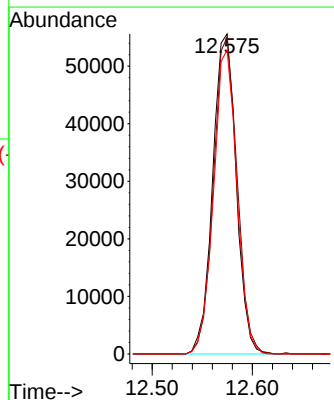
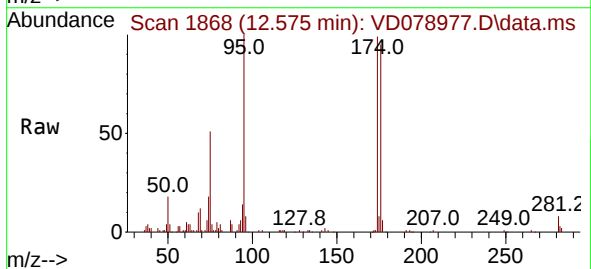
Instrument :
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VD0522SBL01

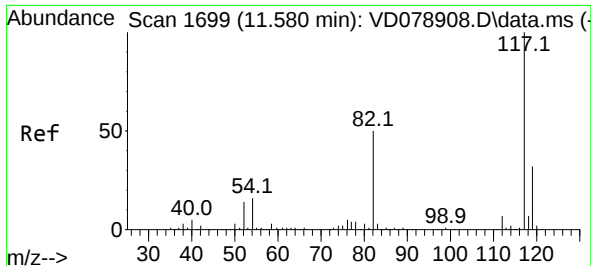
Tgt Ion: 98 Resp: 331834
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.959 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion: 95 Resp: 90399
Ion Ratio Lower Upper
95 100
174 99.3 0.0 195.4
176 94.3 0.0 192.6

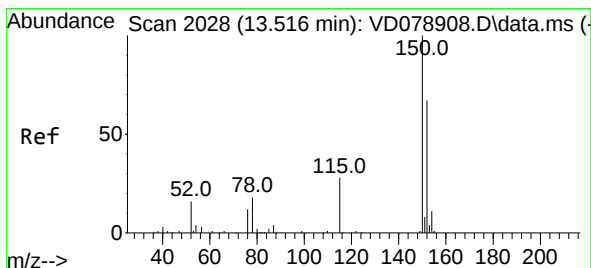
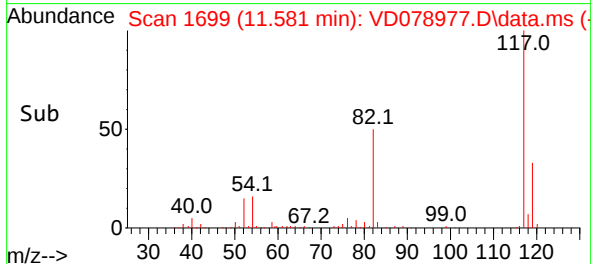
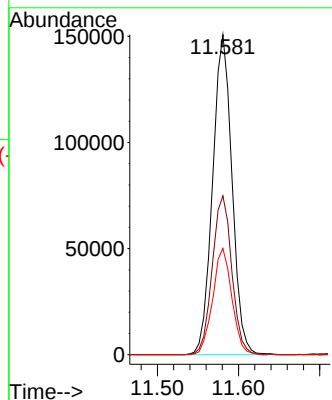
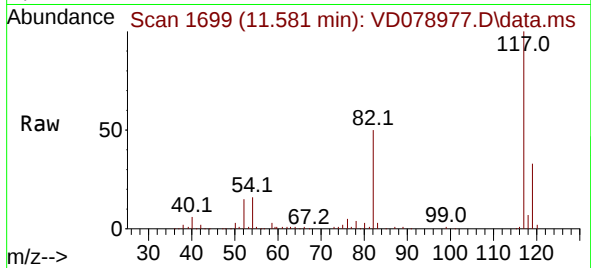




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

Tgt Ion:117 Resp: 250433
Ion Ratio Lower Upper
117 100
82 49.7 39.8 59.6
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion:152 Resp: 121064
Ion Ratio Lower Upper
152 100
115 54.0 26.5 79.5
150 157.7 0.0 341.6

