

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078862.D
 Acq On : 01 May 2024 14:33
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 02 07:41:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	140671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	312072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81030	51.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.800%
35) Dibromofluoromethane	7.804	113	104303	45.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.040%
50) Toluene-d8	10.269	98	386724	43.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.575	95	104380	41.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.960%

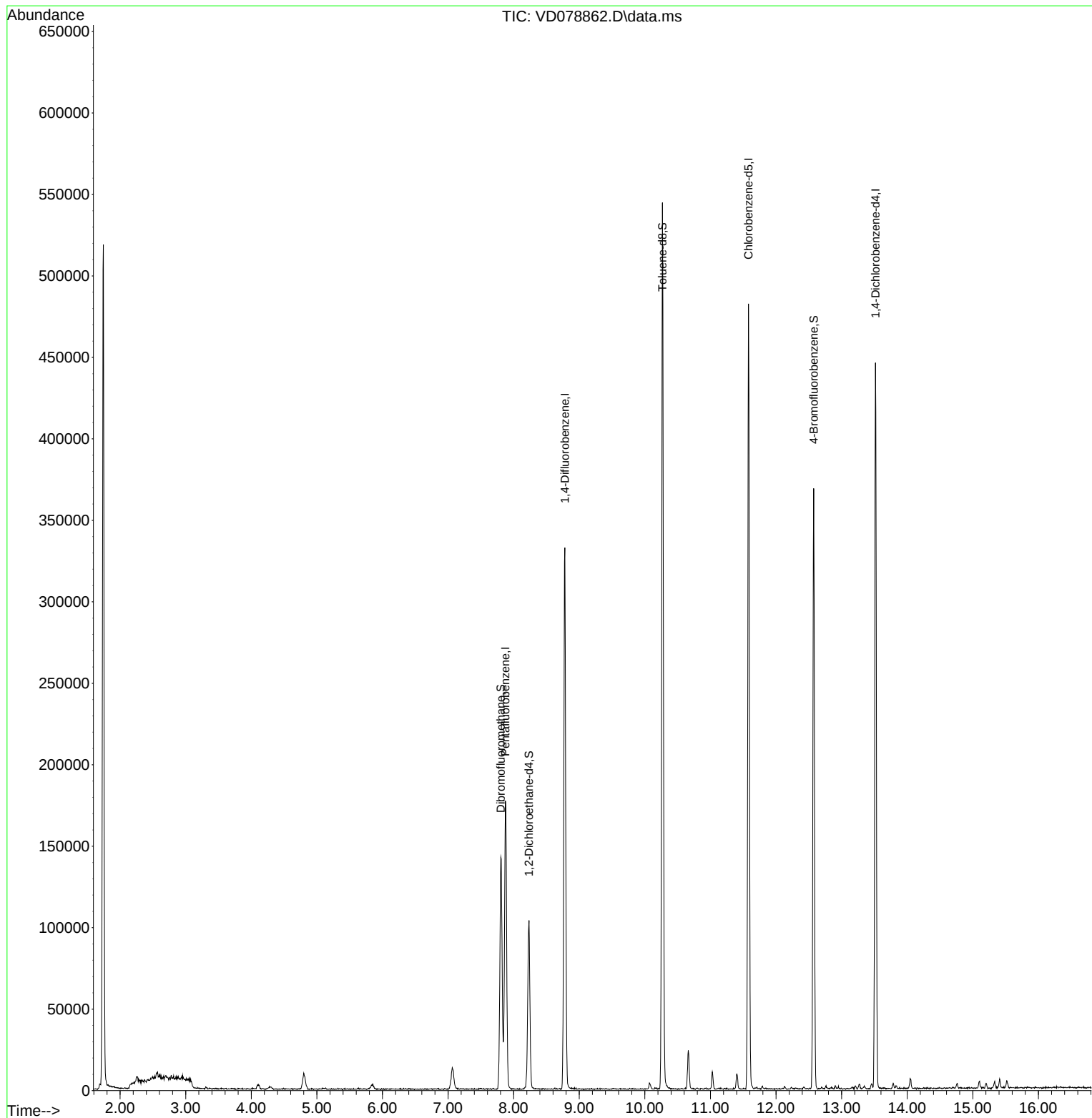
Target Compounds Qvalue

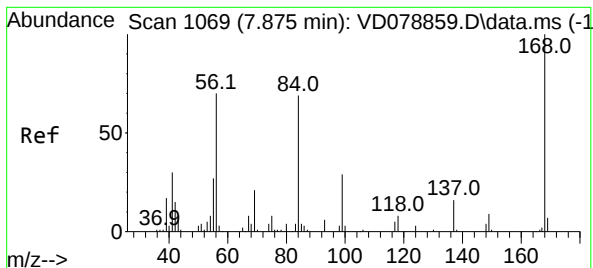
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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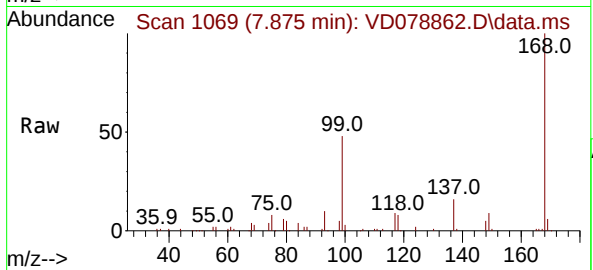
Quant Time: May 02 07:41:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
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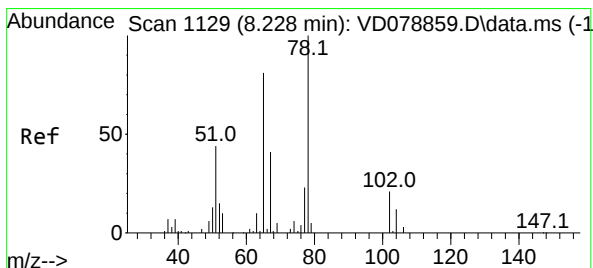
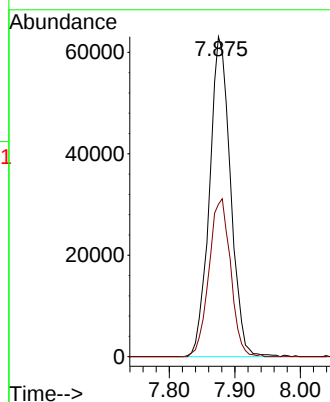
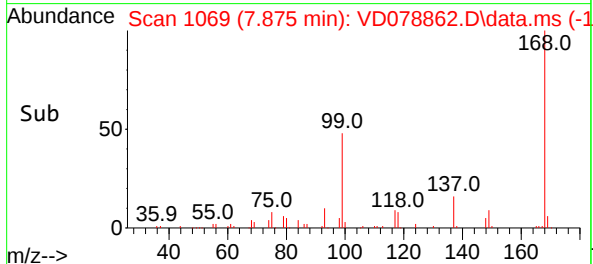


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD078862.D
Acq: 01 May 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

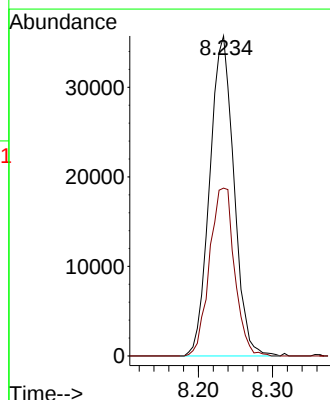
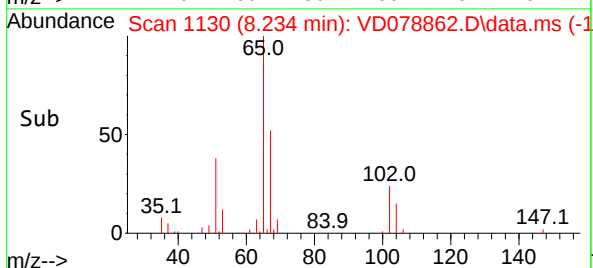
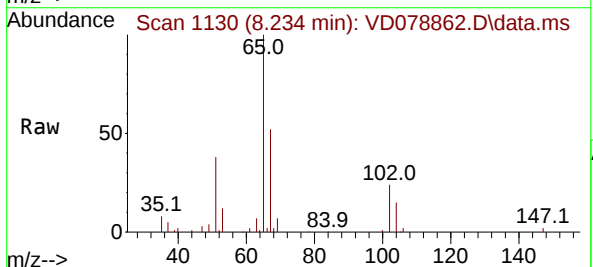


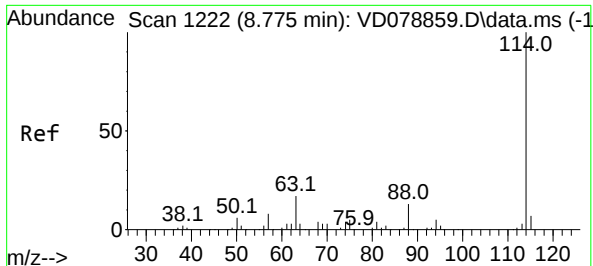
Tgt Ion:168 Resp: 140671
Ion Ratio Lower Upper
168 100
99 47.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.896 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078862.D
Acq: 01 May 2024 14:33

Tgt Ion: 65 Resp: 81030
Ion Ratio Lower Upper
65 100
67 54.2 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: VD078862.D

Acq: 01 May 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

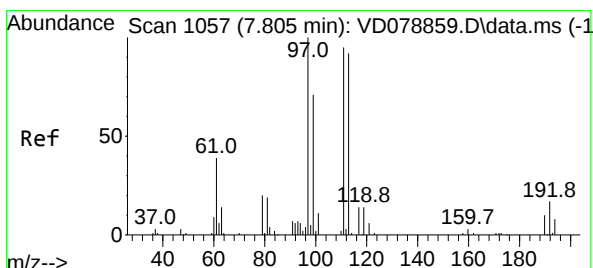
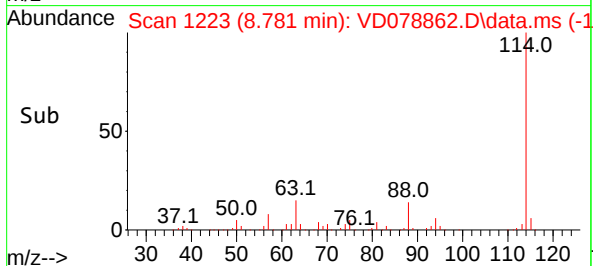
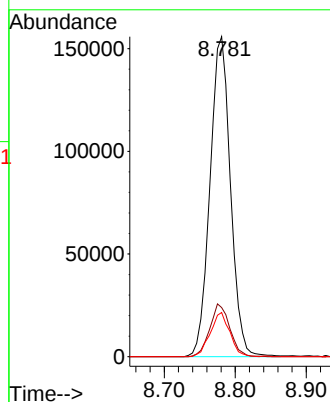
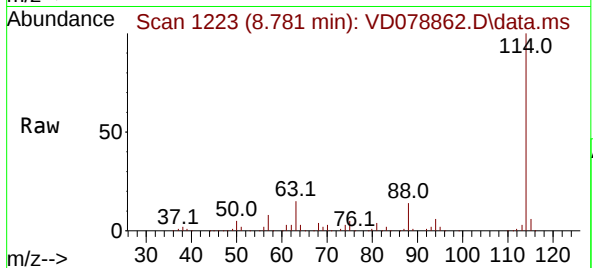
Tgt Ion:114 Resp: 312072

Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.4

88 13.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 45.520 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078862.D

Acq: 01 May 2024 14:33

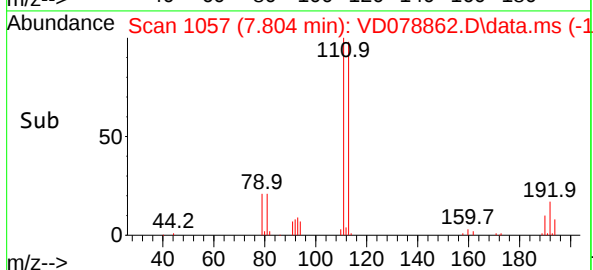
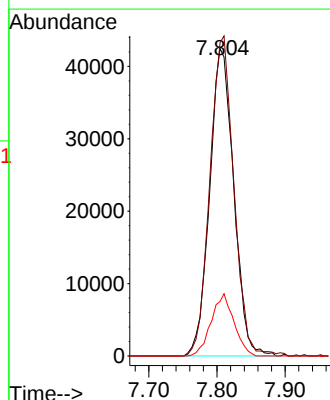
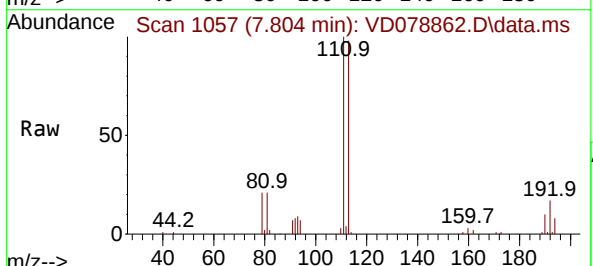
Tgt Ion:113 Resp: 104303

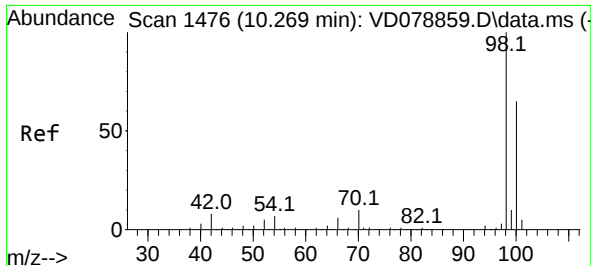
Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.1 15.4 23.0

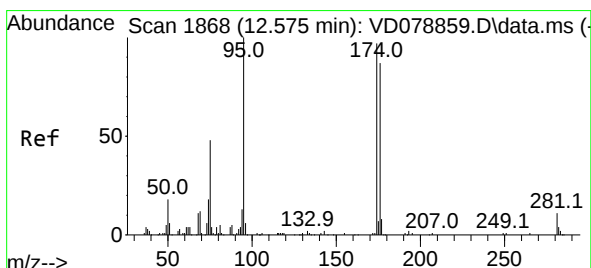
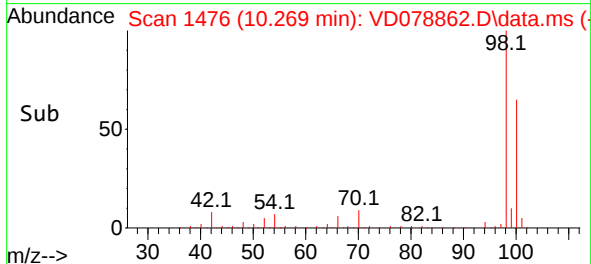
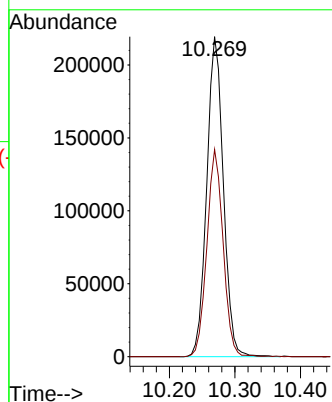
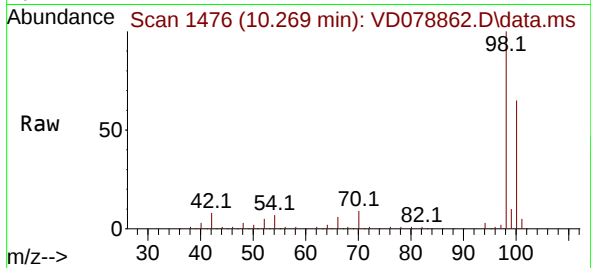




#50
Toluene-d8
Concen: 43.979 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078862.D
Acq: 01 May 2024 14:33

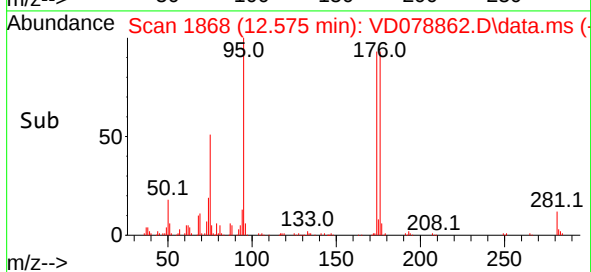
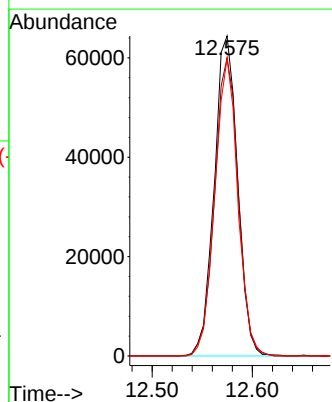
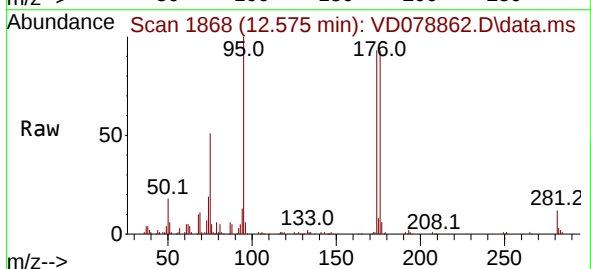
Instrument :
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VIBLK

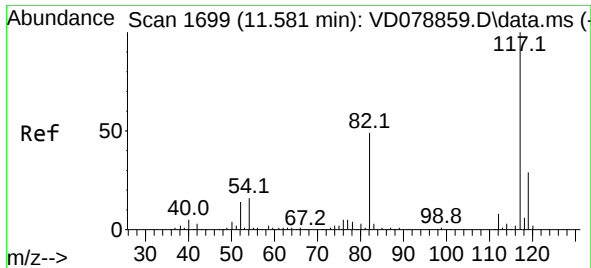
Tgt Ion: 98 Resp: 386724
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078862.D
Acq: 01 May 2024 14:33

Tgt Ion: 95 Resp: 104380
Ion Ratio Lower Upper
95 100
174 94.2 0.0 195.2
176 91.2 0.0 188.2

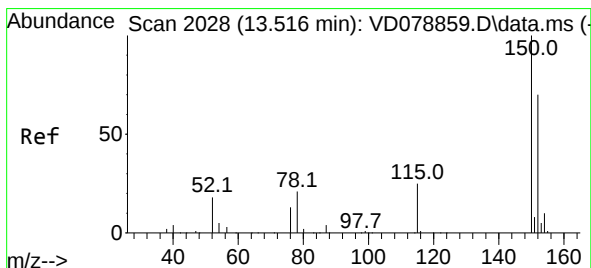
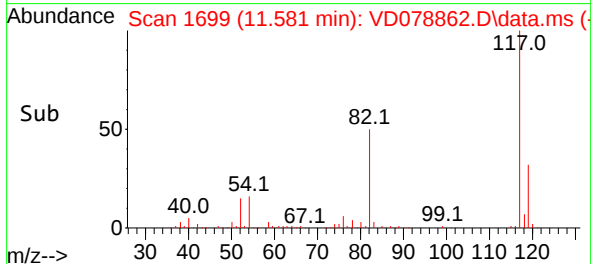
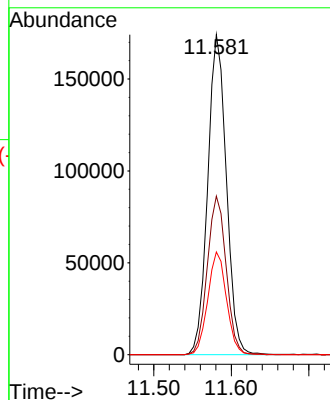
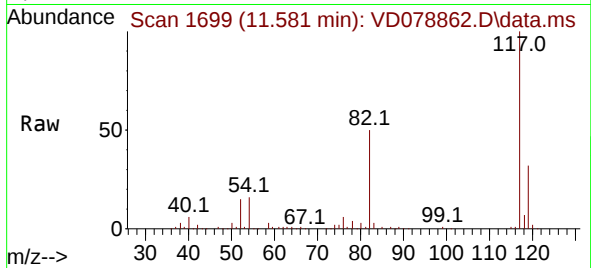




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078862.D
Acq: 01 May 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 290806
Ion Ratio Lower Upper
117 100
82 49.6 41.4 62.2
119 32.1 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: VD078862.D
Acq: 01 May 2024 14:33

Tgt Ion:152 Resp: 129154
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 155.8 0.0 350.2

