

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078872.D
 Acq On : 07 May 2024 10:35
 Operator : RP/MD
 Sample : VD0507SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

Quant Time: May 08 04:19:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	118216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	272737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68678	52.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.680%
35) Dibromofluoromethane	7.805	113	94173	47.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.269	98	343236	44.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.575	95	87744	39.894	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.780%

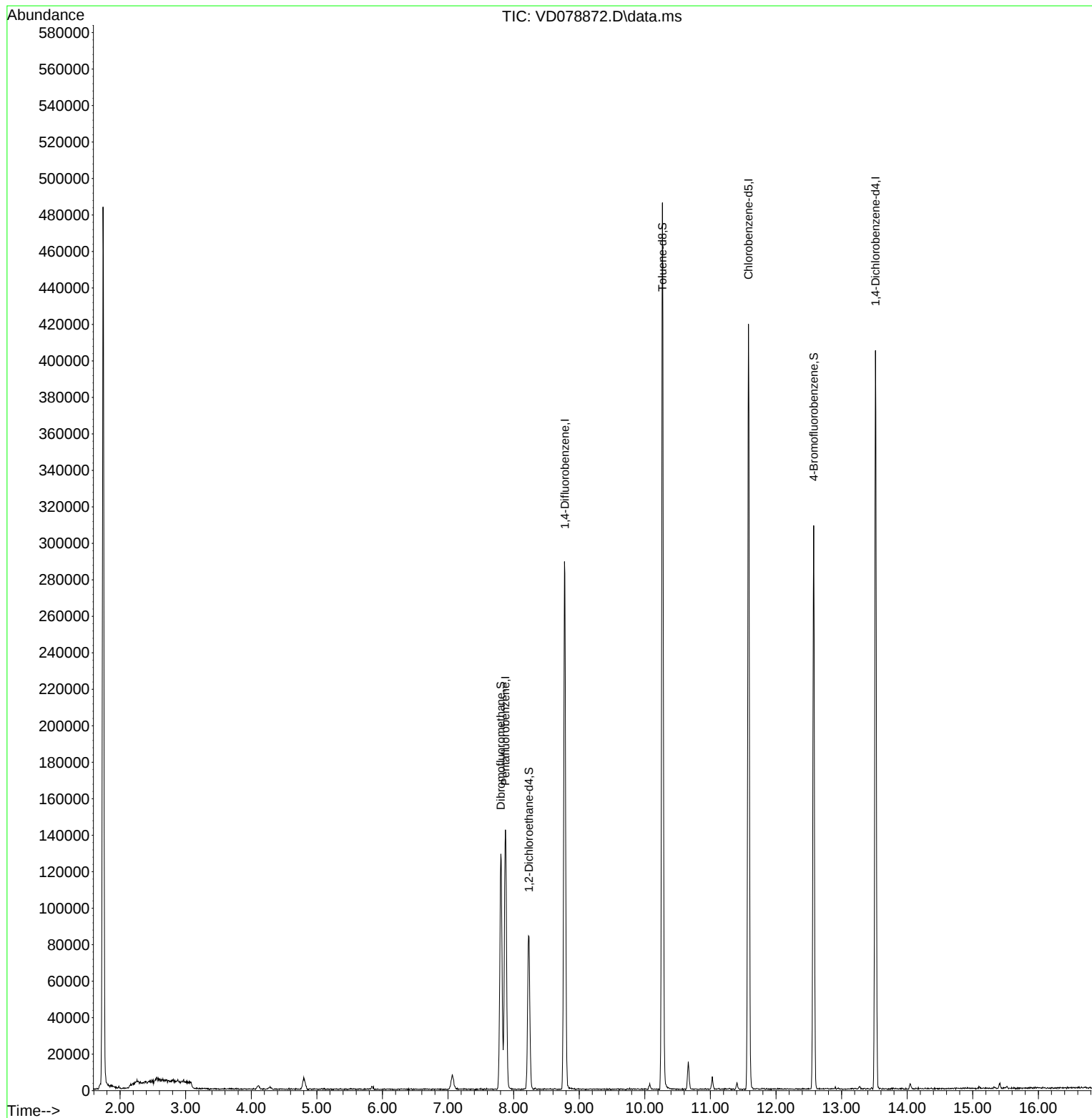
Target Compounds	Qvalue

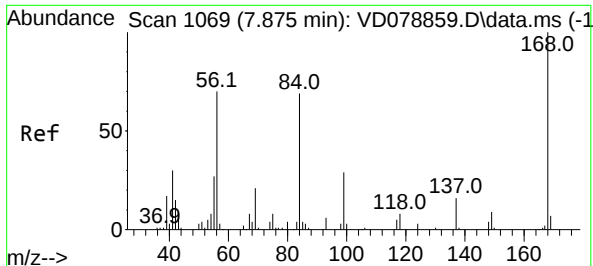
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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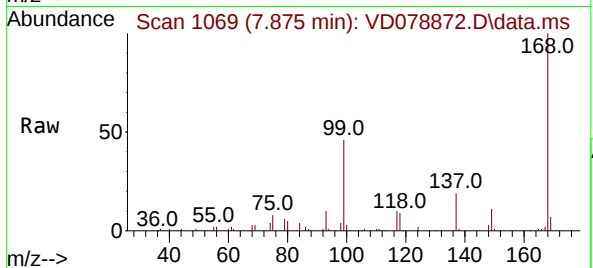
Quant Time: May 08 04:19:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
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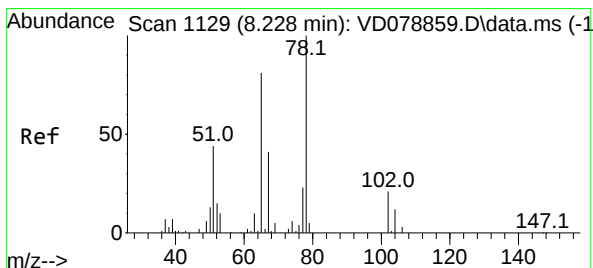
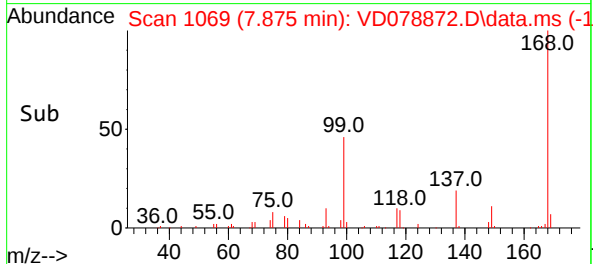
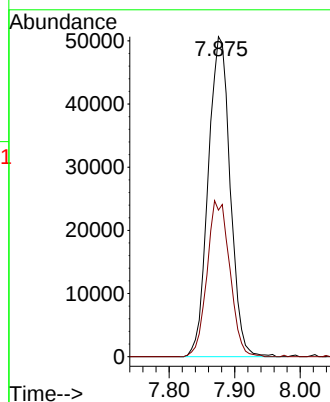


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

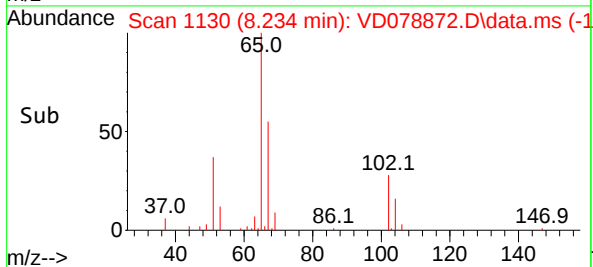
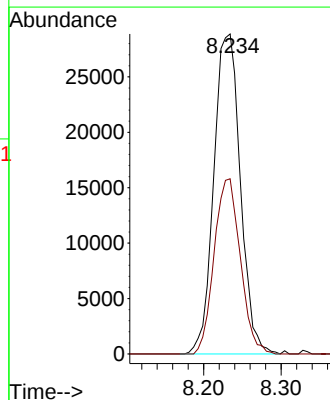
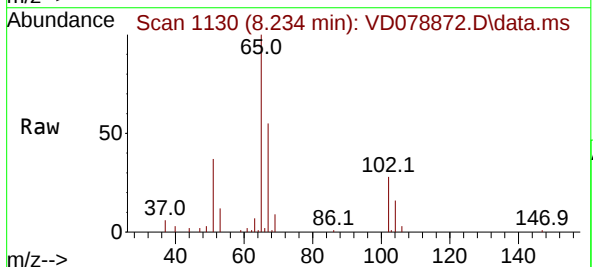


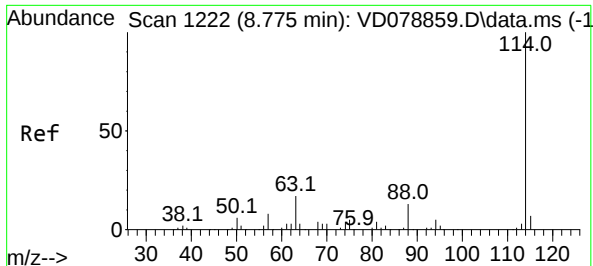
Tgt Ion:168 Resp: 118216
Ion Ratio Lower Upper
168 100
99 45.8 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 52.340 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion: 65 Resp: 68678
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078872.D

Acq: 07 May 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBL01

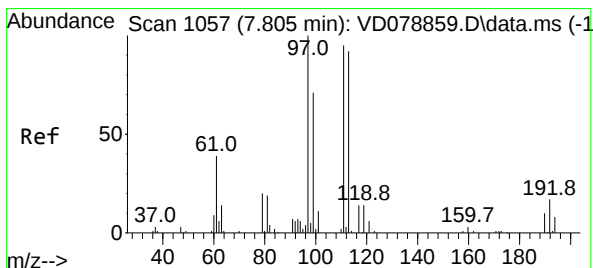
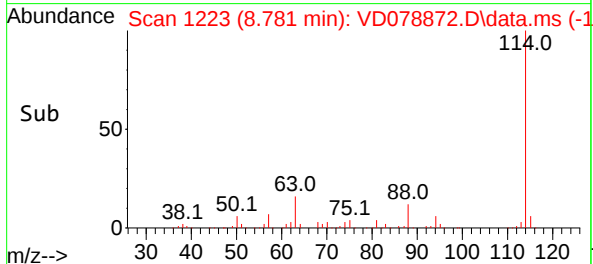
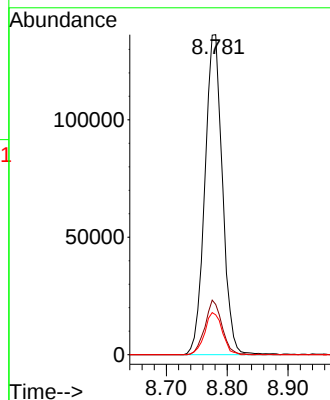
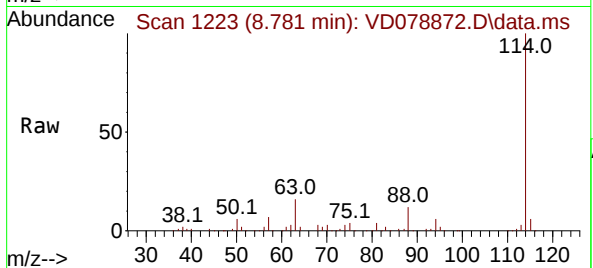
Tgt Ion:114 Resp: 272737

Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 12.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.027 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078872.D

Acq: 07 May 2024 10:35

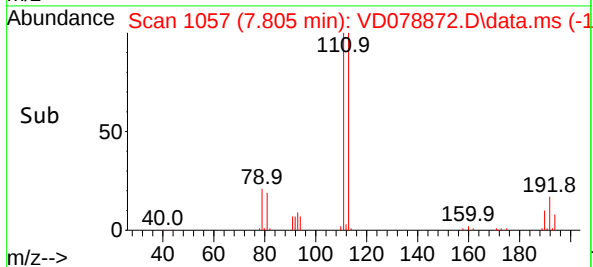
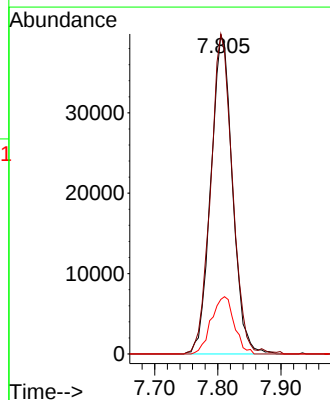
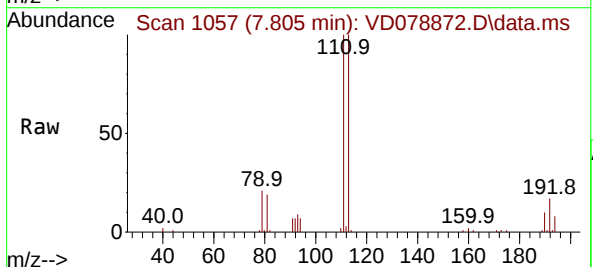
Tgt Ion:113 Resp: 94173

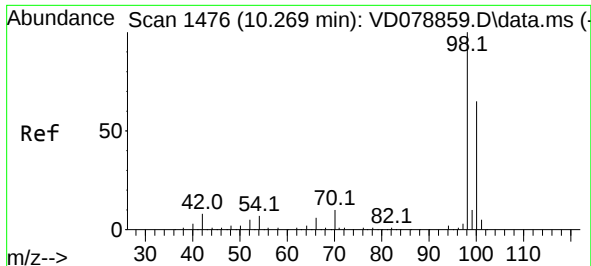
Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.1 15.4 23.0

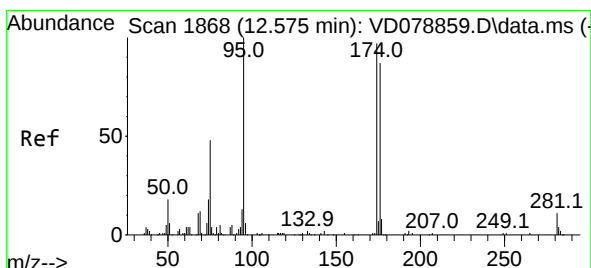
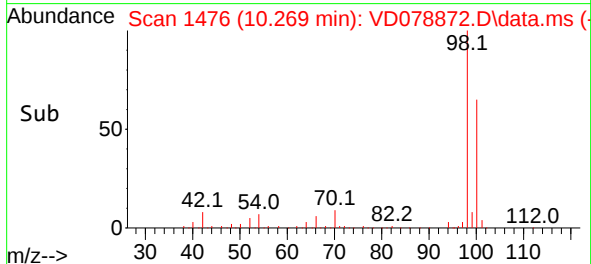
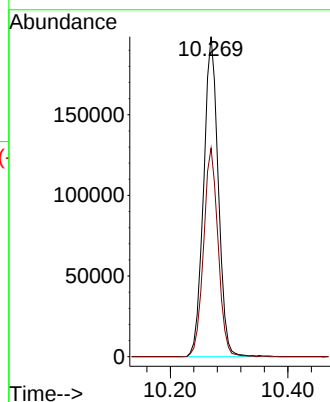
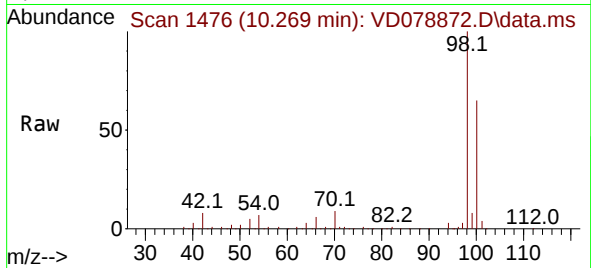




#50
Toluene-d8
Concen: 44.663 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

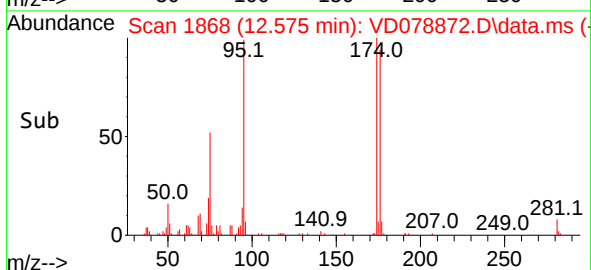
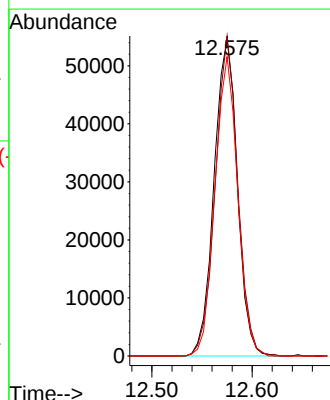
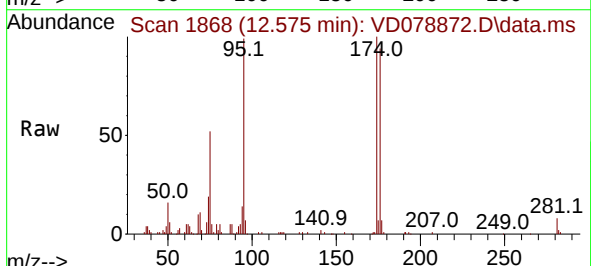
Instrument :
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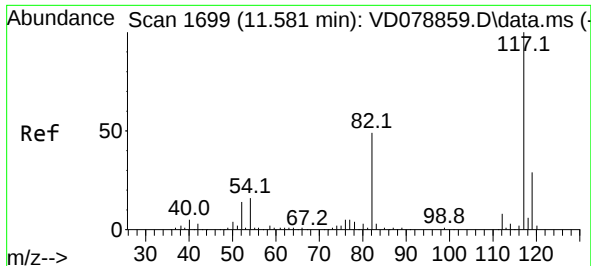
Tgt Ion: 98 Resp: 343236
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.894 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion: 95 Resp: 87744
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.6 0.0 188.2

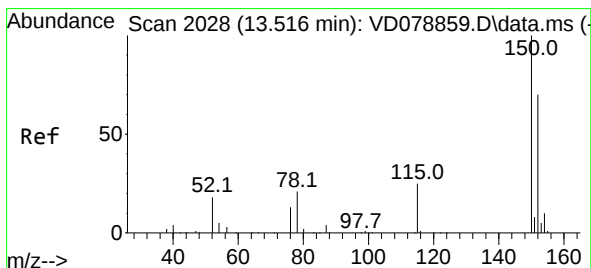
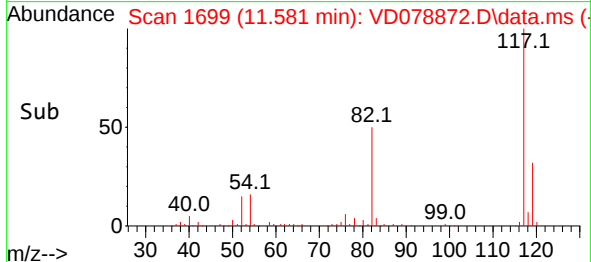
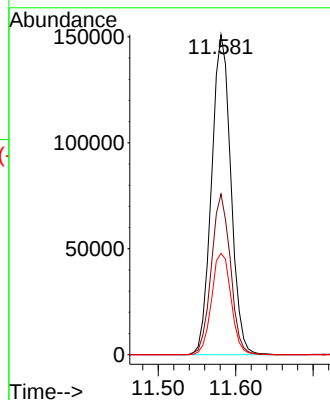
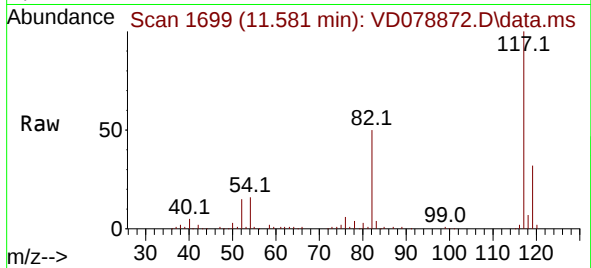




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion:117 Resp: 261223
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 31.6 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: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion:152 Resp: 116137
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 154.7 0.0 350.2

