

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079630.D
 Acq On : 06 Aug 2024 18:33
 Operator : RP/MD
 Sample : P3374-21
 Misc : 6.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-2.5-3.0-072024-FD

Quant Time: Aug 07 02:50:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	192520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	100978	51.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.260%
35) Dibromofluoromethane	7.805	113	112607	44.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.600%
50) Toluene-d8	10.269	98	409262	41.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.840%
62) 4-Bromofluorobenzene	12.569	95	104033	36.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.660%

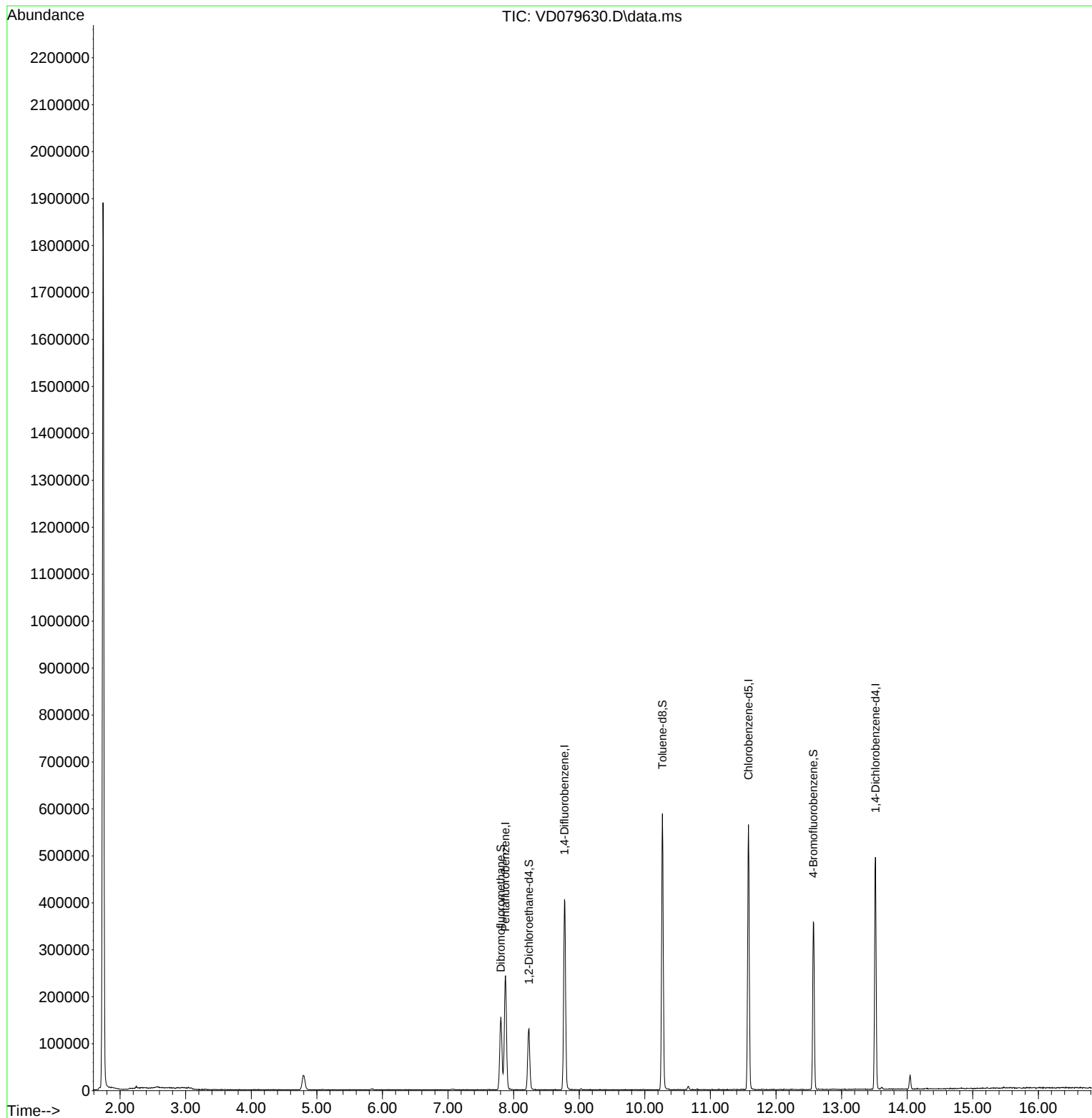
Target Compounds	Qvalue

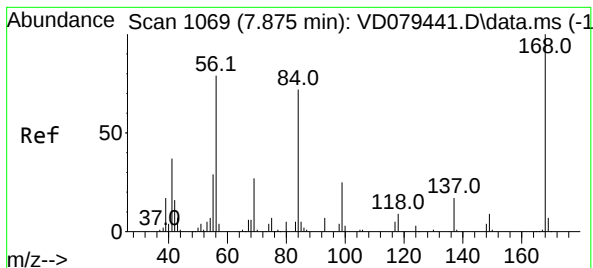
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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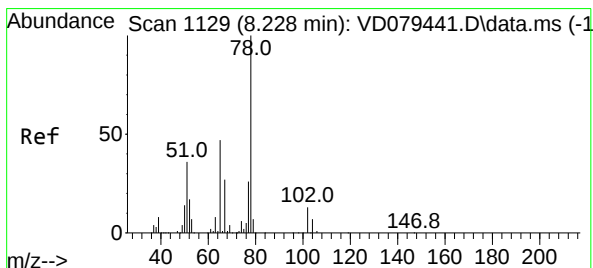
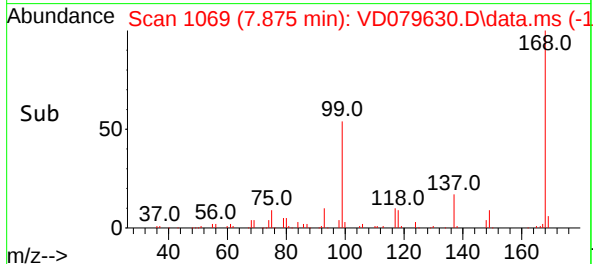
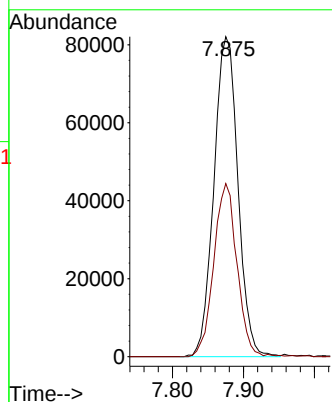
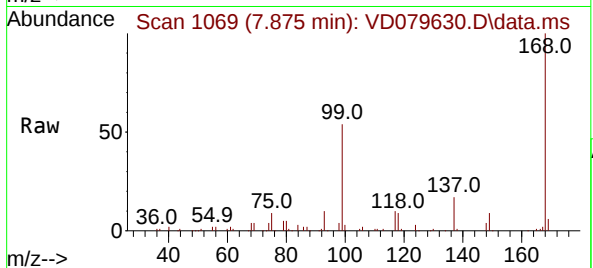




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

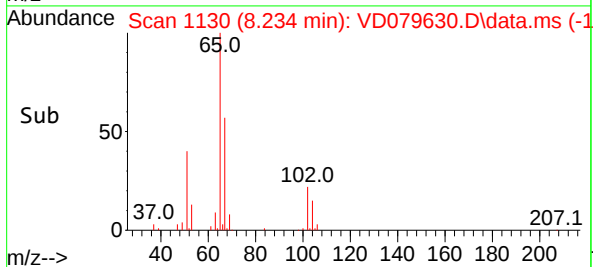
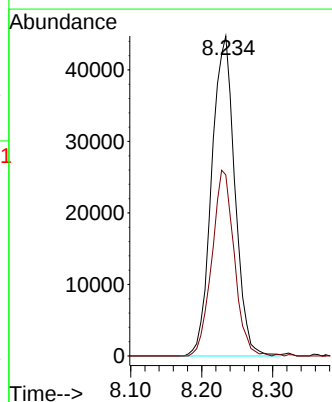
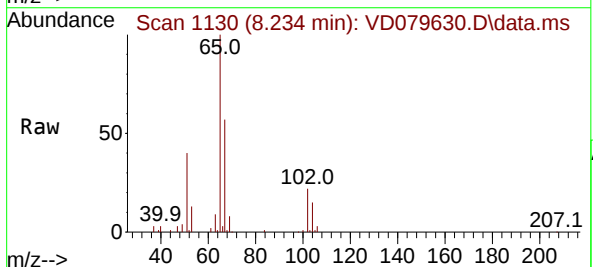
Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-2.5-3.0-072024-FD

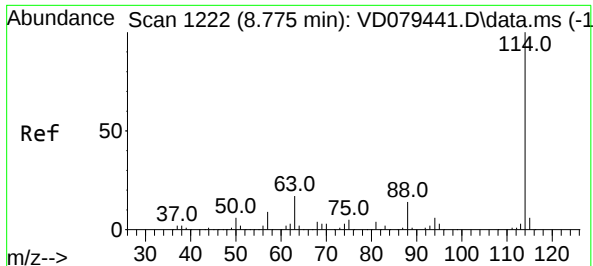
Tgt Ion:168 Resp: 192520
Ion Ratio Lower Upper
168 100
99 54.1 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 51.629 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 65 Resp: 100978
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-2.5-3.0-072024-FD

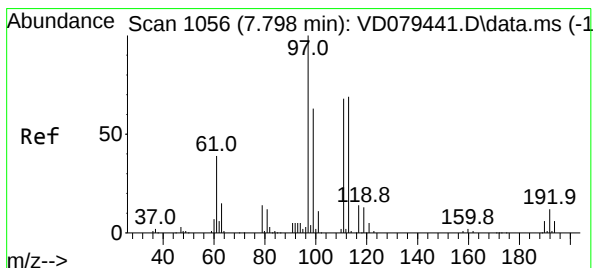
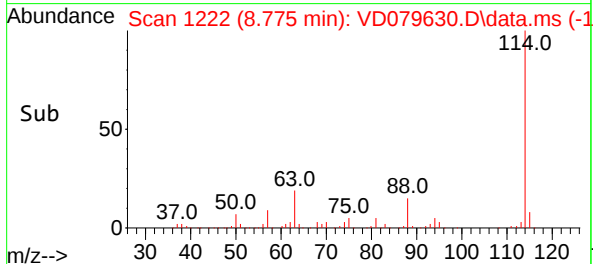
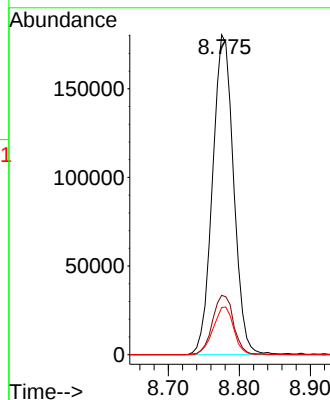
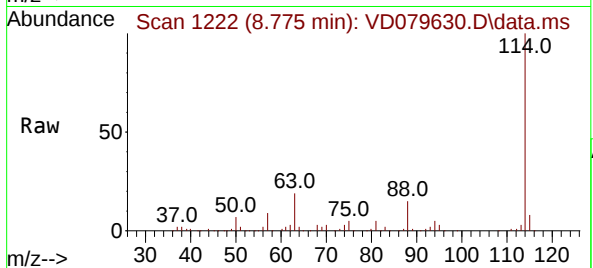
Tgt Ion:114 Resp: 371395

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.796 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

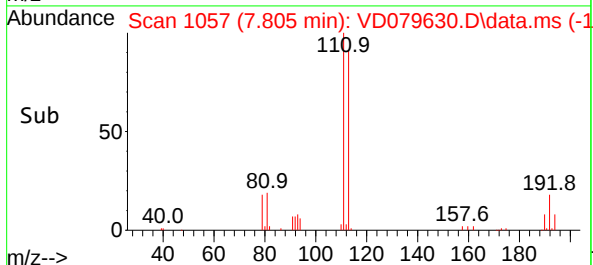
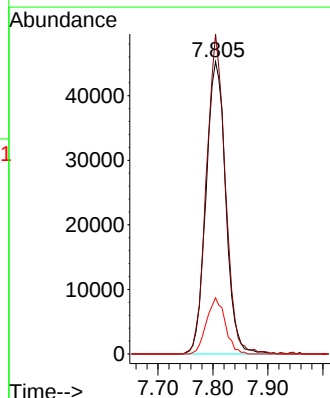
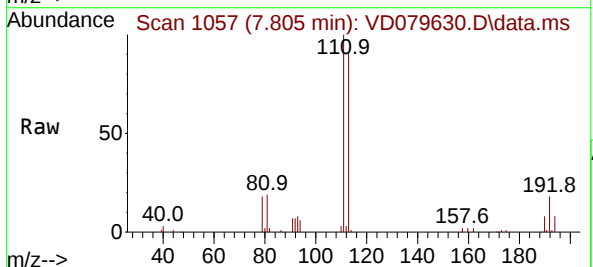
Tgt Ion:113 Resp: 112607

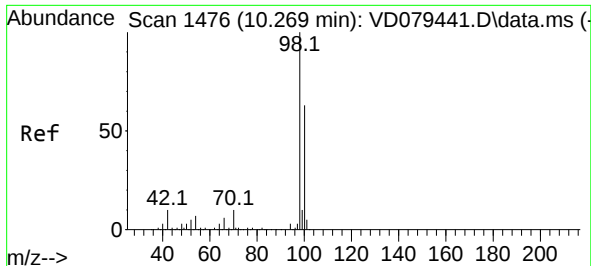
Ion Ratio Lower Upper

113 100

111 104.9 84.0 126.0

192 18.3 15.4 23.0

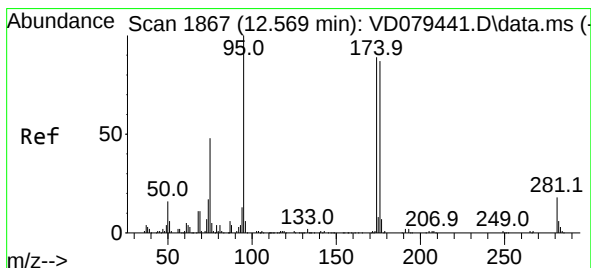
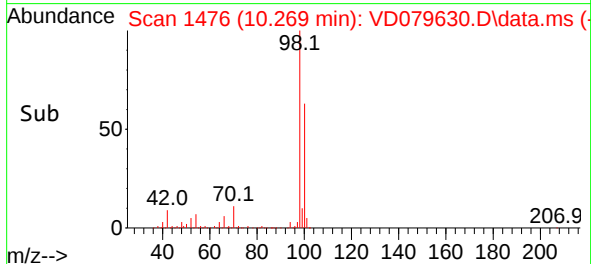
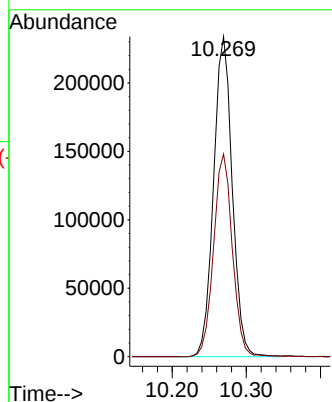
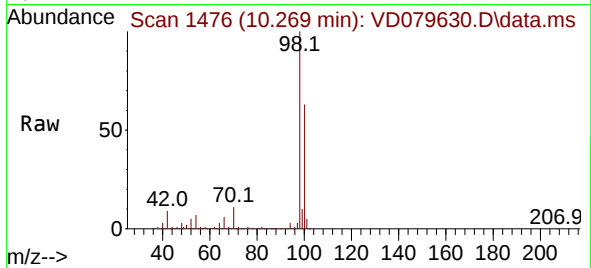




#50
Toluene-d8
Concen: 41.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

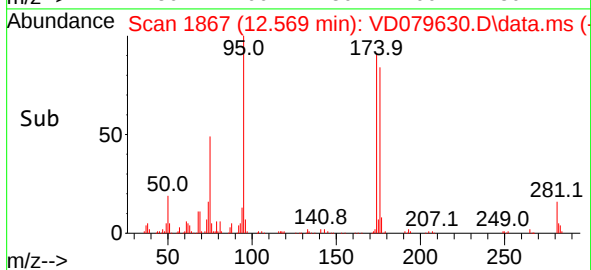
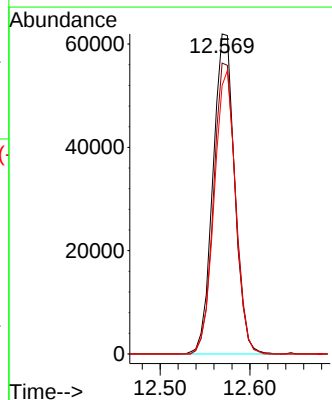
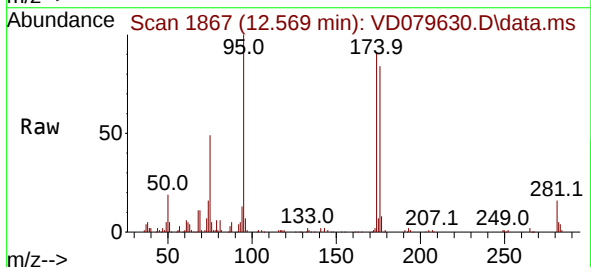
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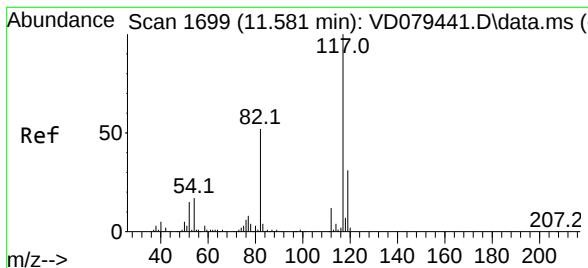
Tgt Ion: 98 Resp: 409262
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.827 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 95 Resp: 104033
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.4
176 87.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-2.5-3.0-072024-FD

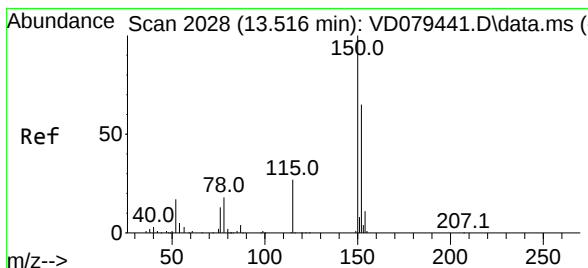
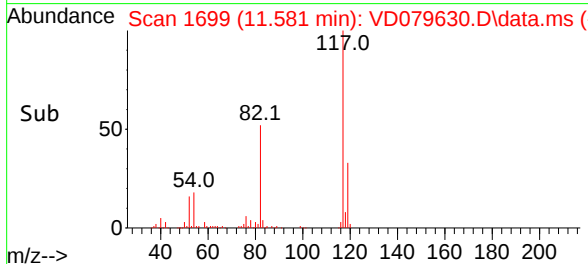
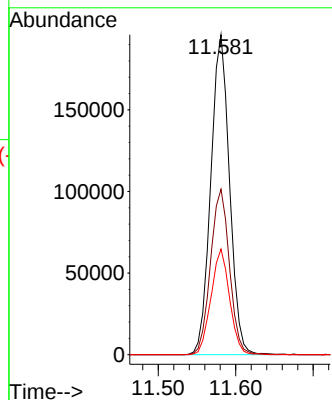
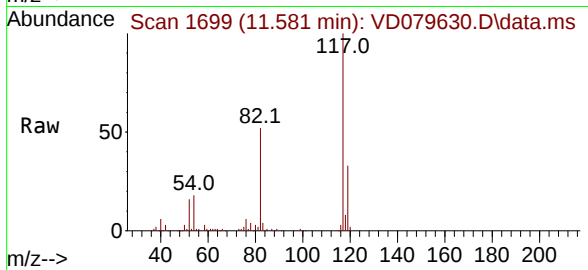
Tgt Ion:117 Resp: 328959

Ion Ratio Lower Upper

117 100

82 51.7 39.8 59.6

119 33.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

Tgt Ion:152 Resp: 138736

Ion Ratio Lower Upper

152 100

115 55.7 26.5 79.5

150 156.9 0.0 341.6

