

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079458.D
 Acq On : 30 Jul 2024 14:58
 Operator : RP/MD
 Sample : P3379-05
 Misc : 6.51G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-03-072324

Quant Time: Jul 31 01:53:16 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	153435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80612	51.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.440%
35) Dibromofluoromethane	7.804	113	97586	52.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.269	98	338463	46.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.569	95	80843	38.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.200%

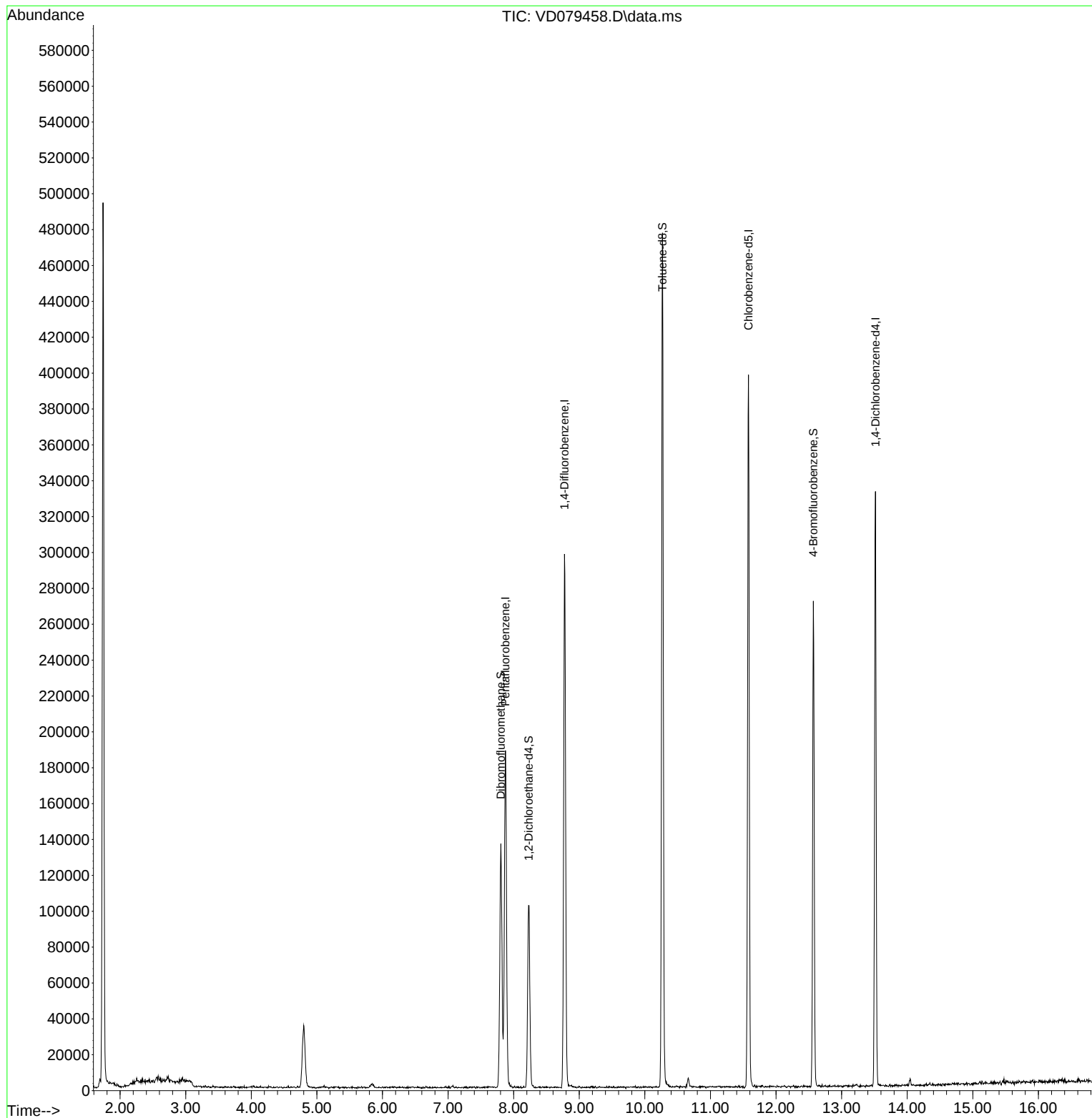
Target Compounds	Qvalue

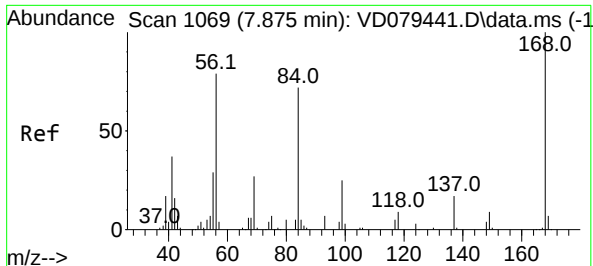
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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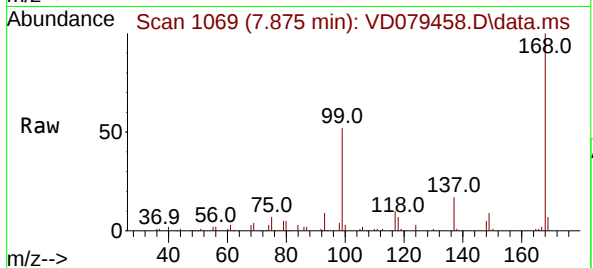
Quant Time: Jul 31 01:53:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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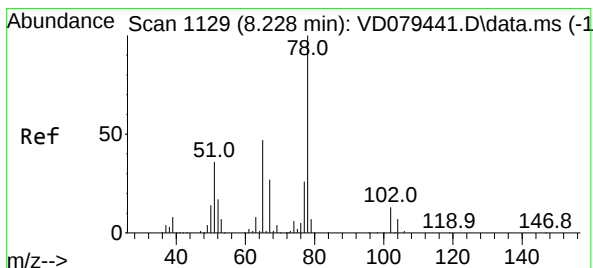
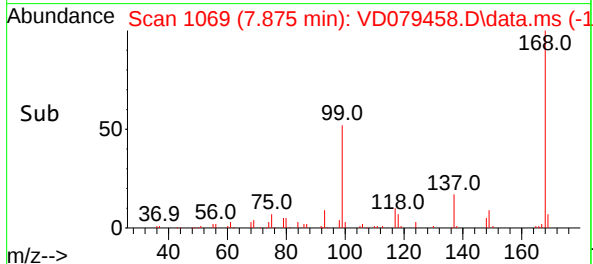
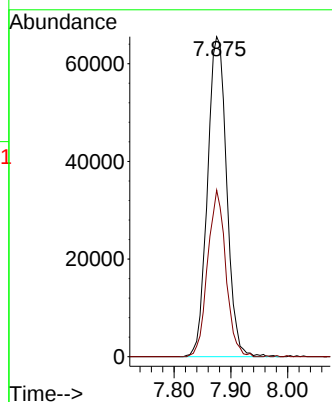


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

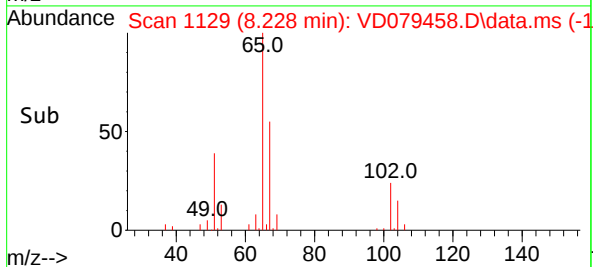
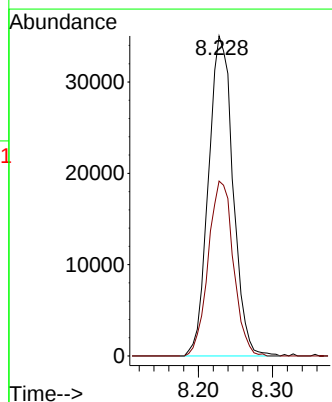
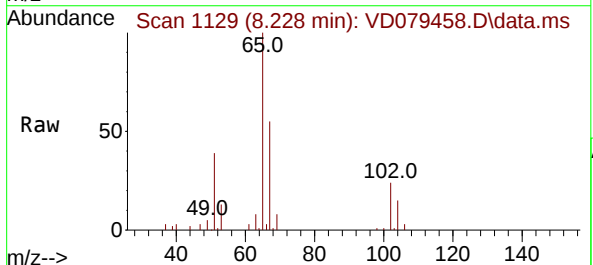


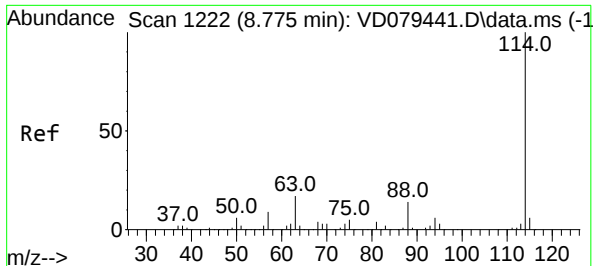
Tgt Ion:168 Resp: 153435
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 51.716 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 65 Resp: 80612
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

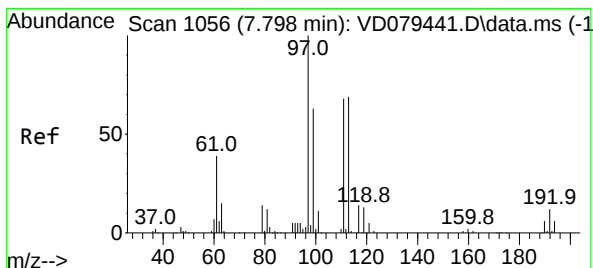
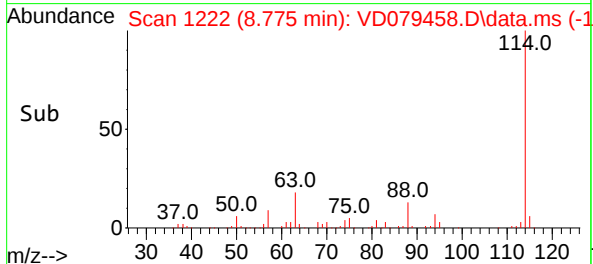
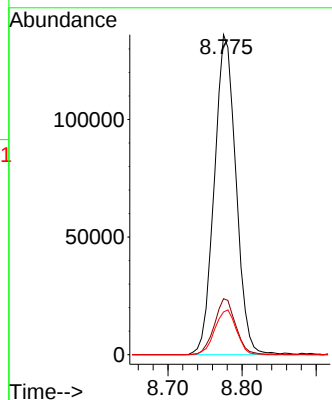
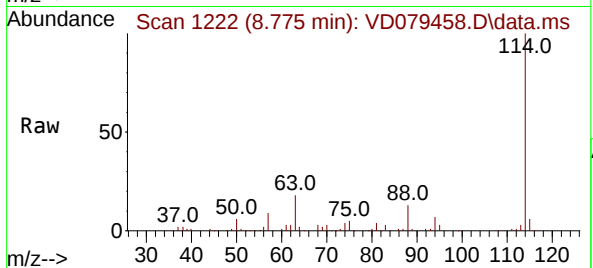
Tgt Ion:114 Resp: 275353

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.361 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

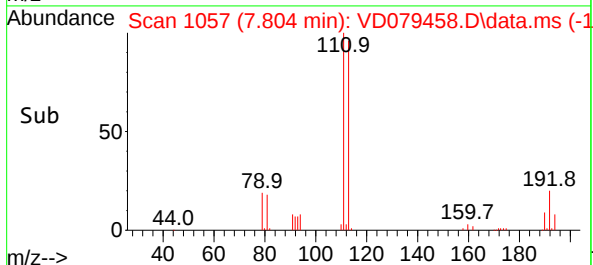
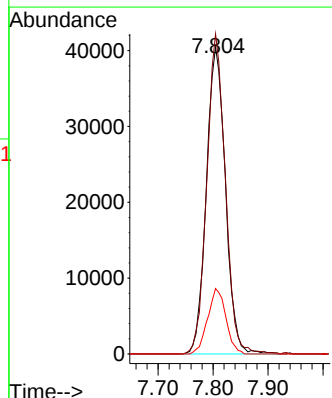
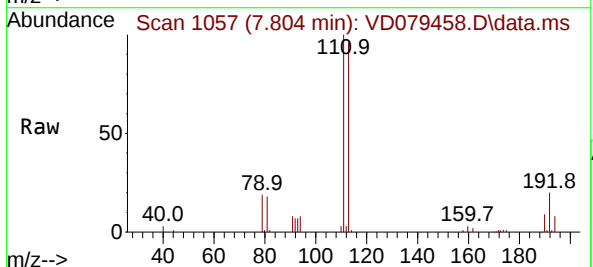
Tgt Ion:113 Resp: 97586

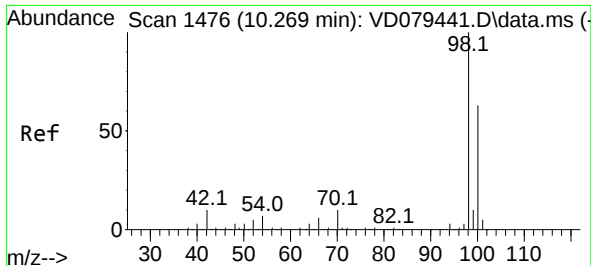
Ion Ratio Lower Upper

113 100

111 101.6 84.0 126.0

192 20.4 15.4 23.0

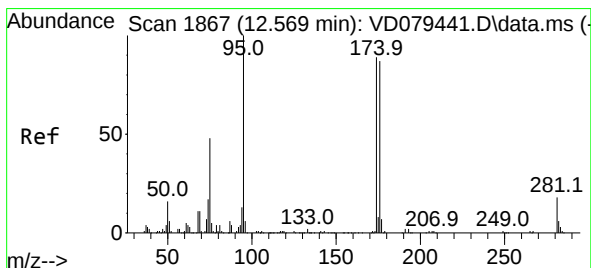
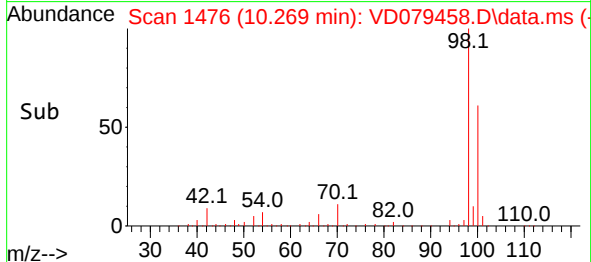
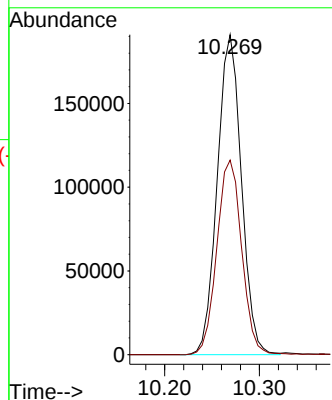
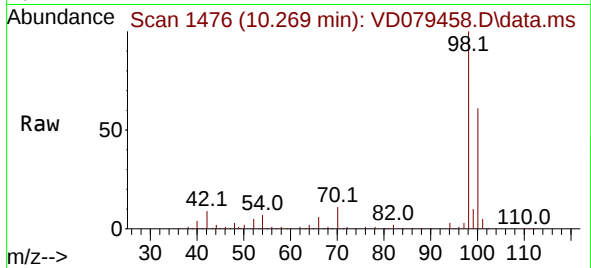




#50
Toluene-d8
Concen: 46.765 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

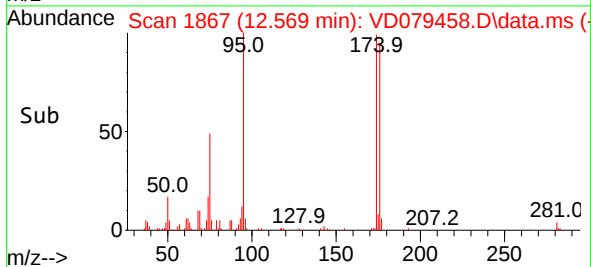
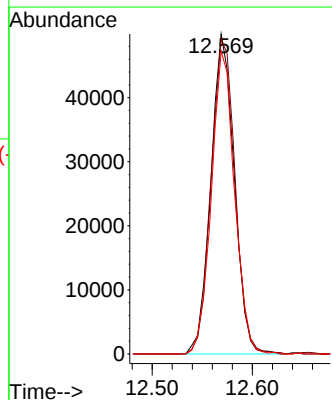
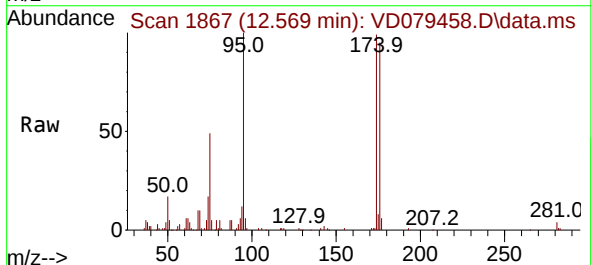
Instrument :
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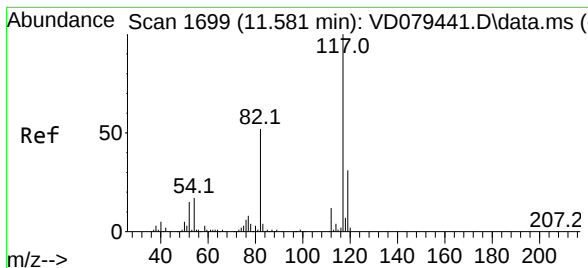
Tgt Ion: 98 Resp: 338463
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.600 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 95 Resp: 80843
Ion Ratio Lower Upper
95 100
174 101.0 0.0 195.4
176 94.0 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: VD079458.D

Acq: 30 Jul 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

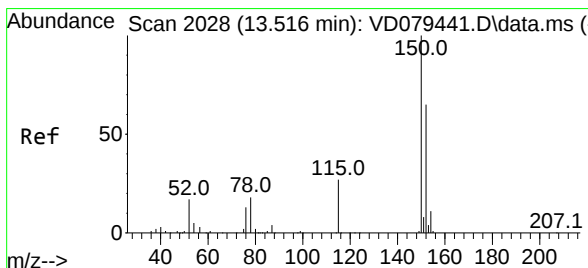
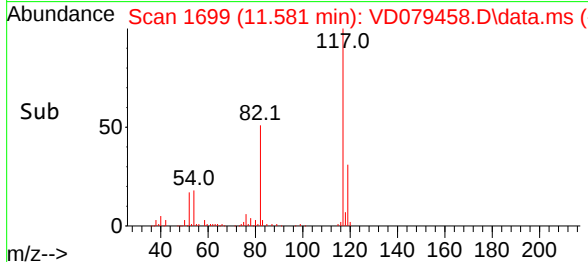
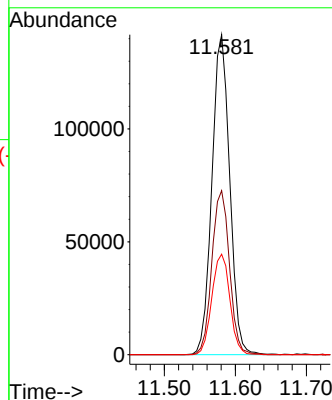
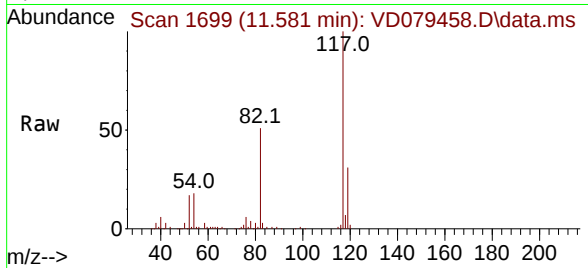
Tgt Ion:117 Resp: 246210

Ion Ratio Lower Upper

117 100

82 51.3 39.8 59.6

119 31.4 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: VD079458.D

Acq: 30 Jul 2024 14:58

Tgt Ion:152 Resp: 98083

Ion Ratio Lower Upper

152 100

115 52.0 26.5 79.5

150 151.3 0.0 341.6

