

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079459.D
 Acq On : 30 Jul 2024 15:25
 Operator : RP/MD
 Sample : P3379-07
 Misc : 6.65G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-04-072324

Quant Time: Jul 31 01:53:43 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	162286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90765	55.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.100%	
35) Dibromofluoromethane	7.805	113	108966	54.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.269	98	394416	50.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.569	95	94341	41.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.980%	

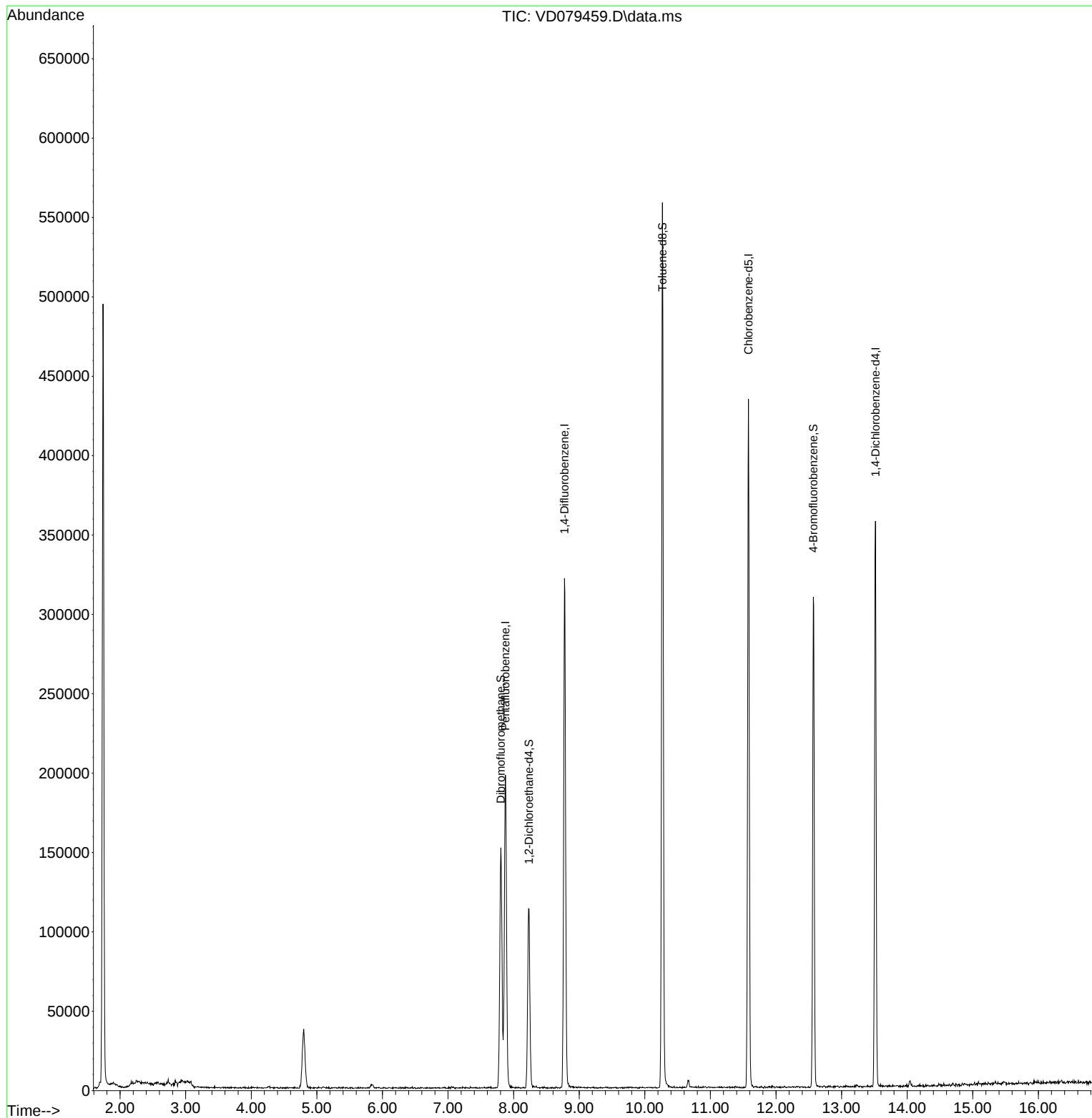
Target Compounds	Qvalue

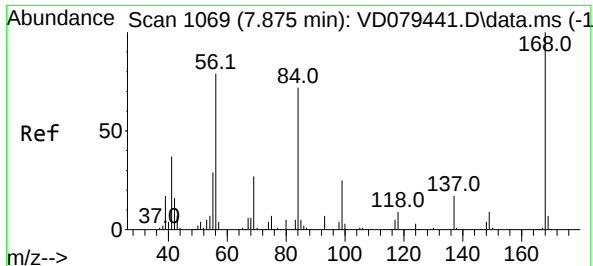
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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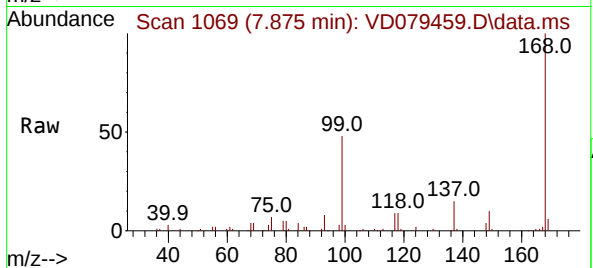
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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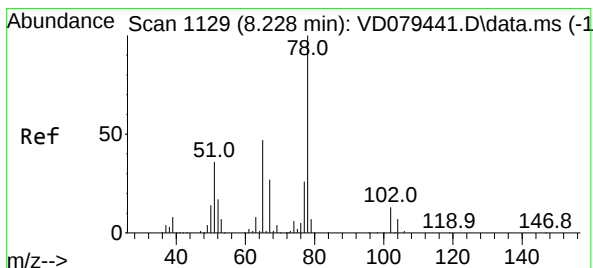
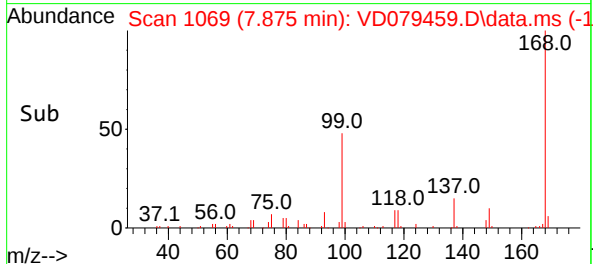
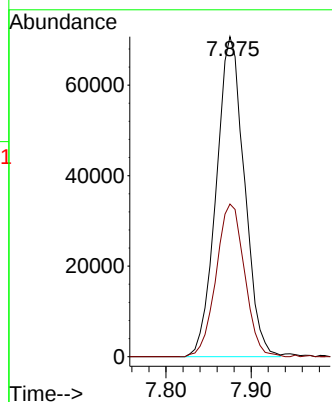


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079459.D
Acq: 30 Jul 2024 15:25

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-04-072324

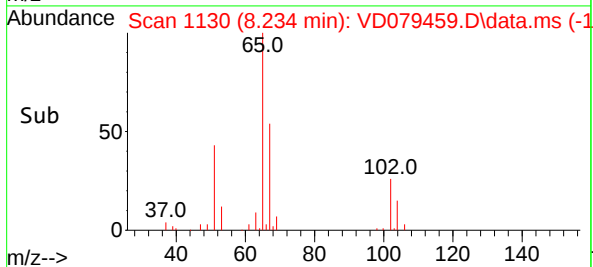
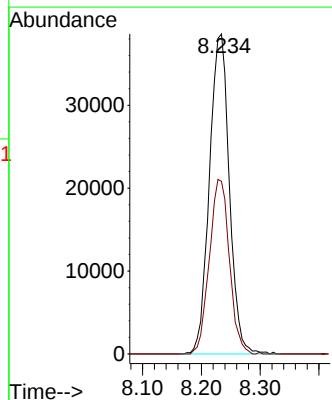
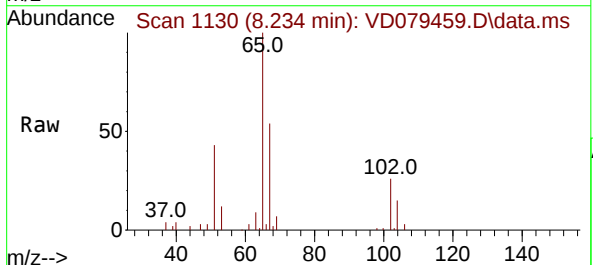


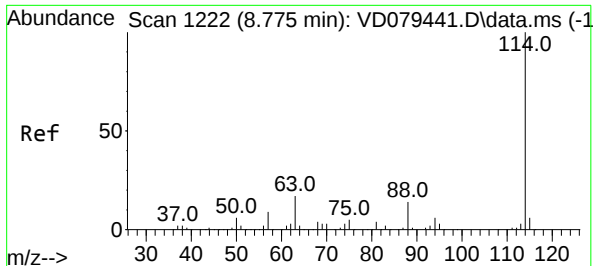
Tgt Ion:168 Resp: 162286
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 55.053 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079459.D
Acq: 30 Jul 2024 15:25

Tgt Ion: 65 Resp: 90765
Ion Ratio Lower Upper
65 100
67 54.7 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: VD079459.D

Acq: 30 Jul 2024 15:25

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-04-072324

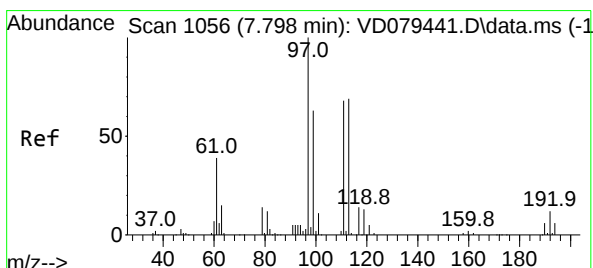
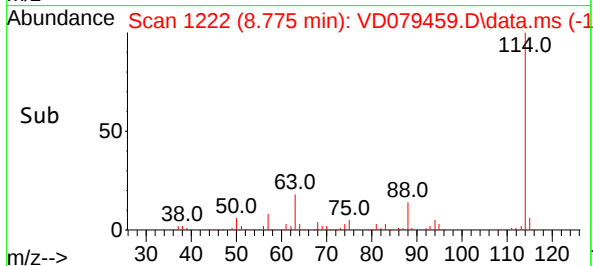
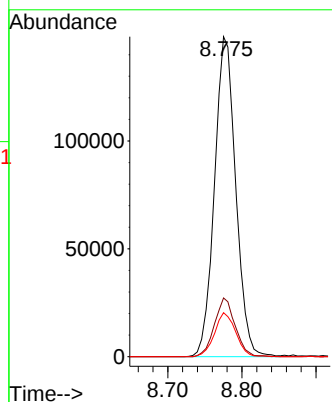
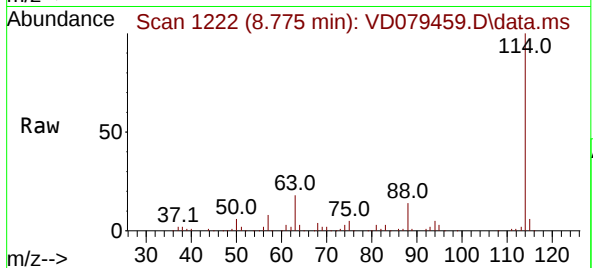
Tgt Ion:114 Resp: 295359

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.507 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079459.D

Acq: 30 Jul 2024 15:25

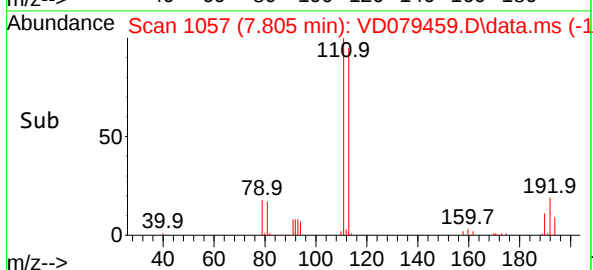
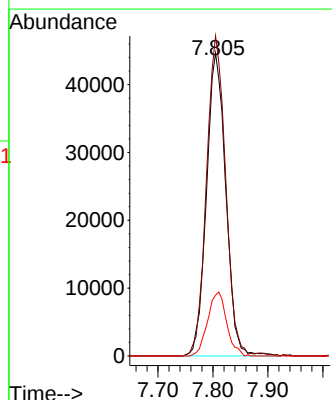
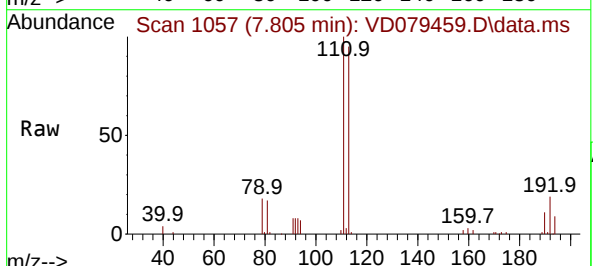
Tgt Ion:113 Resp: 108966

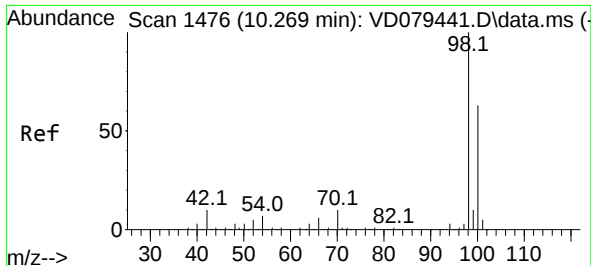
Ion Ratio Lower Upper

113 100

111 104.5 84.0 126.0

192 20.8 15.4 23.0

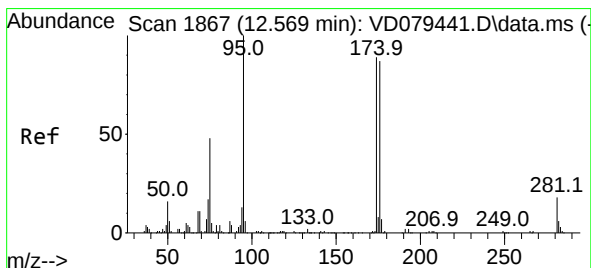
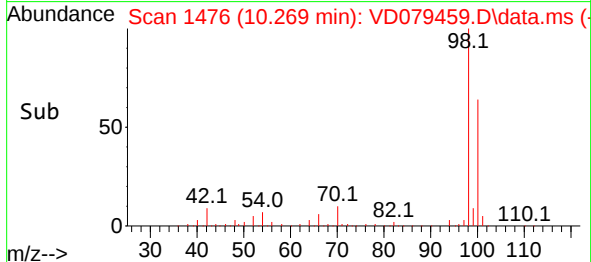
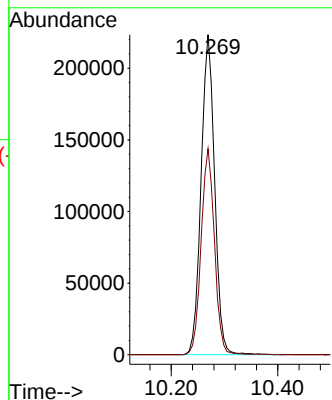
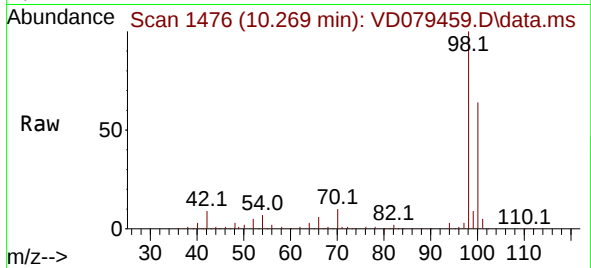




#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079459.D
Acq: 30 Jul 2024 15:25

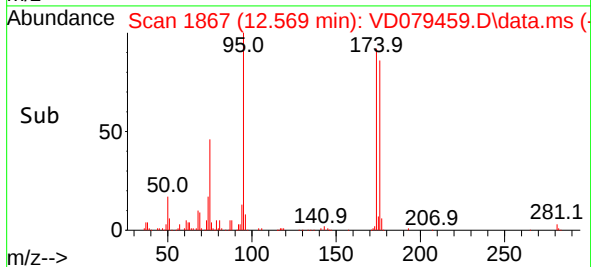
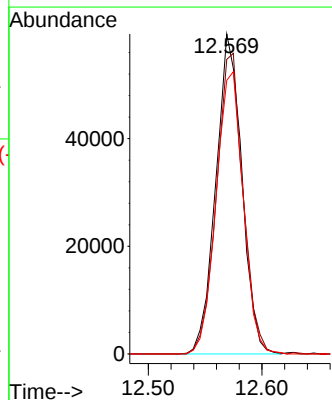
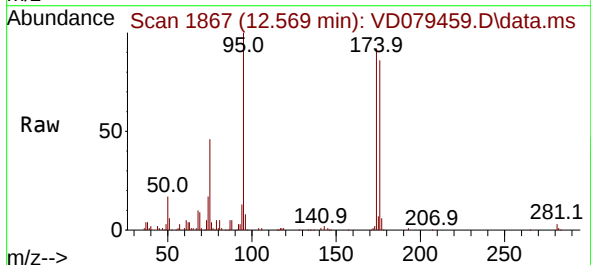
Instrument :
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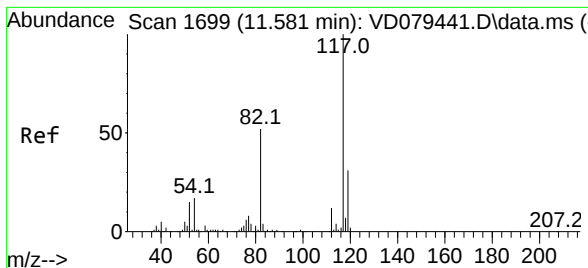
Tgt Ion: 98 Resp: 394416
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.994 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079459.D
Acq: 30 Jul 2024 15:25

Tgt Ion: 95 Resp: 94341
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.4
176 92.2 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: VD079459.D

Acq: 30 Jul 2024 15:25

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-04-072324

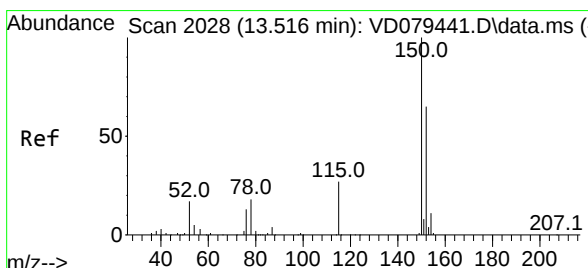
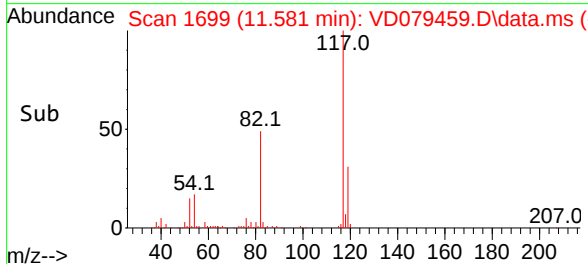
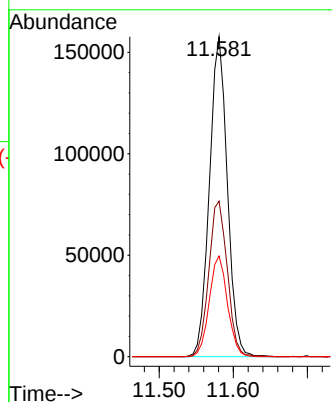
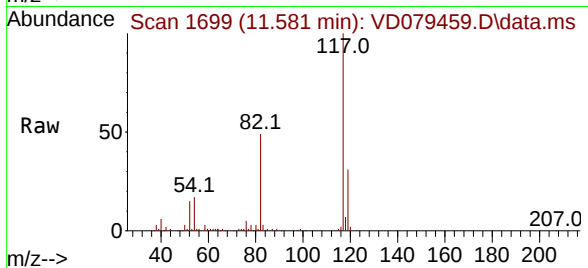
Tgt Ion:117 Resp: 264451

Ion Ratio Lower Upper

117 100

82 48.6 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: VD079459.D

Acq: 30 Jul 2024 15:25

Tgt Ion:152 Resp: 104185

Ion Ratio Lower Upper

152 100

115 53.2 26.5 79.5

150 157.5 0.0 341.6

