

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079515.D
 Acq On : 01 Aug 2024 01:47
 Operator : RP/MD
 Sample : P3374-13
 Misc : 7.42G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 01 02:56:31 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)

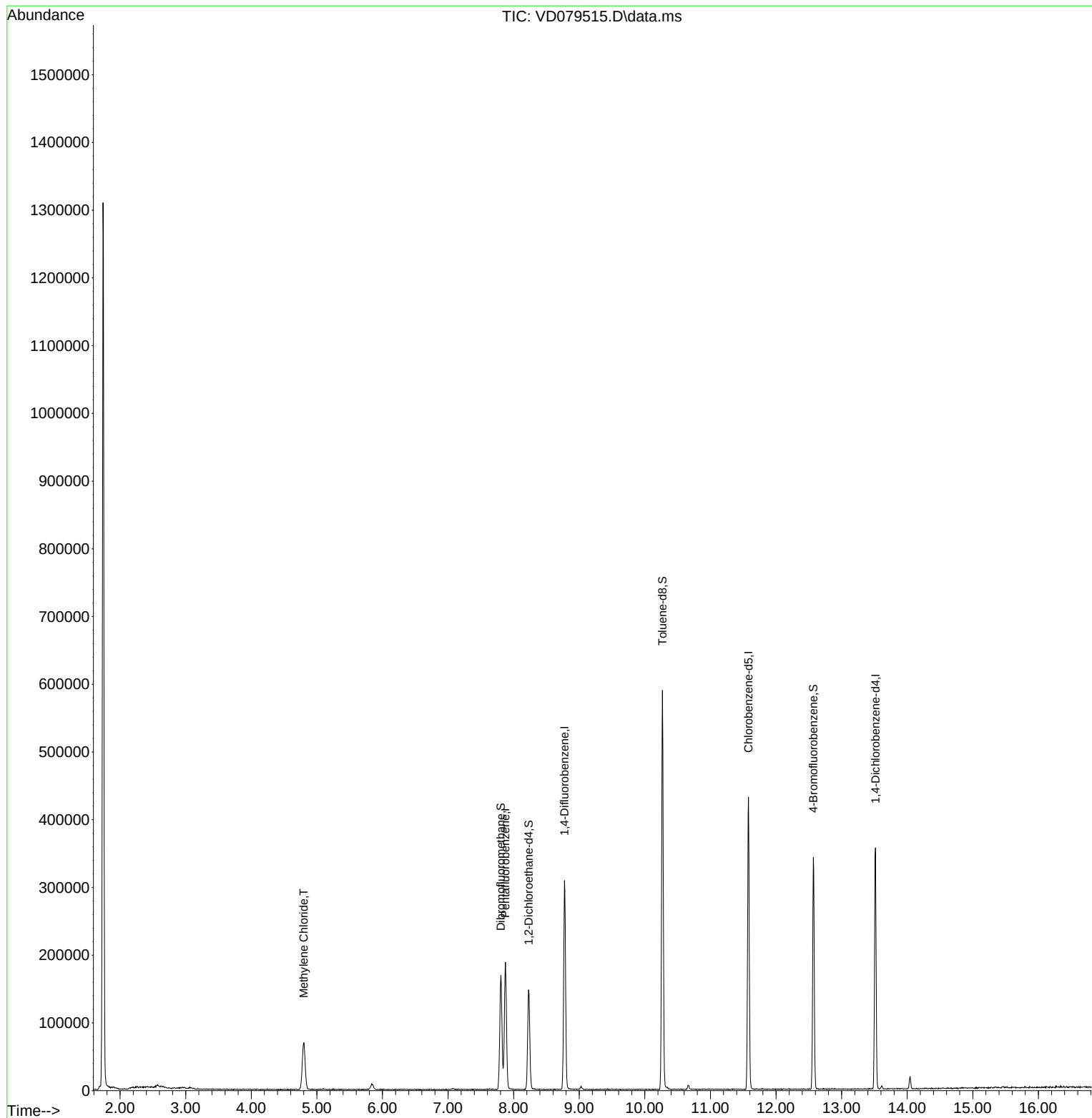
Internal Standards						
1) Pentafluorobenzene	7.875	168	149913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115922	76.116	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	152.240%	
35) Dibromofluoromethane	7.804	113	123299	63.773	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	127.540%	
50) Toluene-d8	10.269	98	409615	54.556	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	109.120%	
62) 4-Bromofluorobenzene	12.569	95	103626	47.695	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	95.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	57458	16.663	ug/l	89

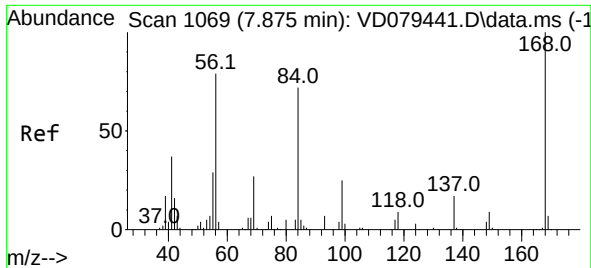
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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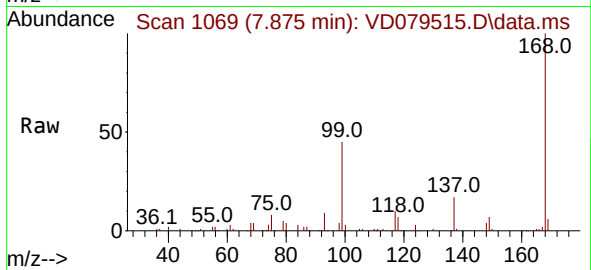
Quant Time: Aug 01 02:56:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



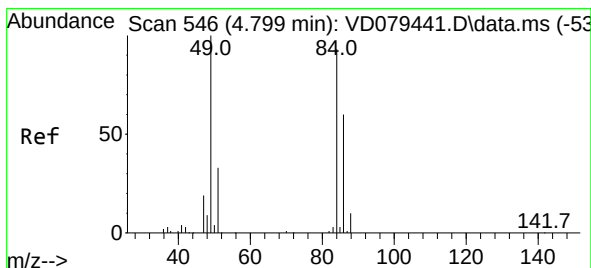
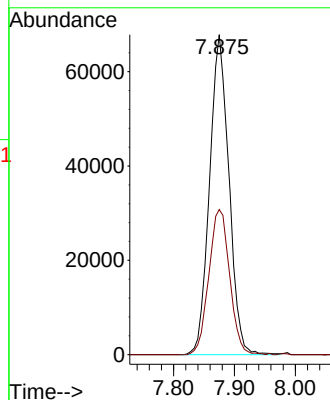
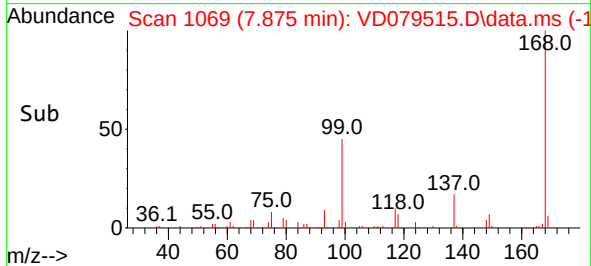


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079515.D
Acq: 01 Aug 2024 01:47

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

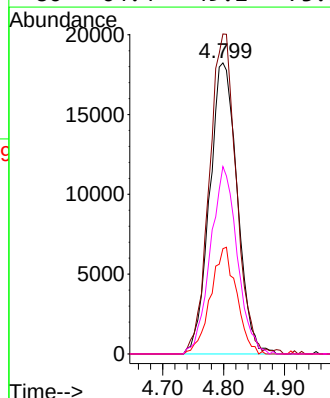
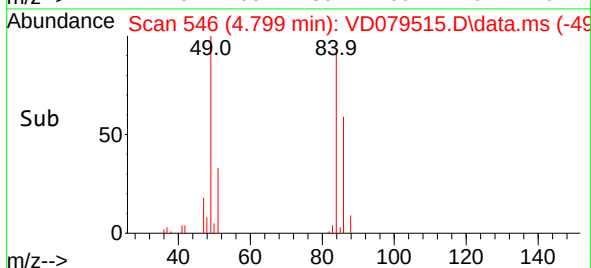
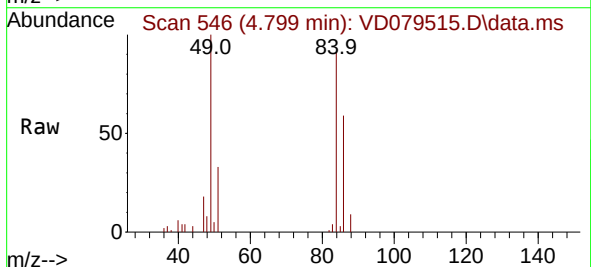


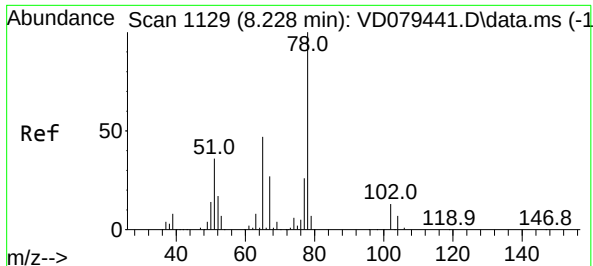
Tgt Ion:168 Resp: 149913
Ion Ratio Lower Upper
168 100
99 45.3 41.1 61.7



#20
Methylene Chloride
Concen: 16.663 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079515.D
Acq: 01 Aug 2024 01:47

Tgt Ion: 84 Resp: 57458
Ion Ratio Lower Upper
84 100
49 110.0 75.6 113.4
51 36.2 24.2 36.2
86 64.4 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 76.116 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079515.D

Acq: 01 Aug 2024 01:47

Instrument :

MSVOA_D

ClientSampleId :

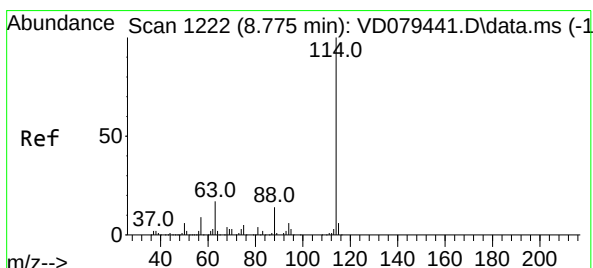
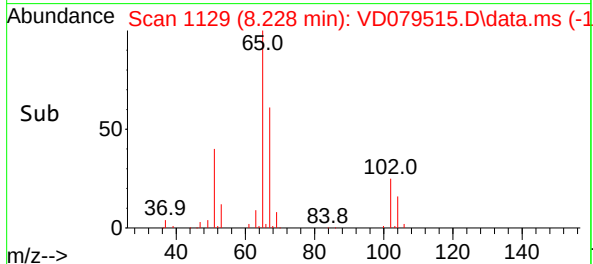
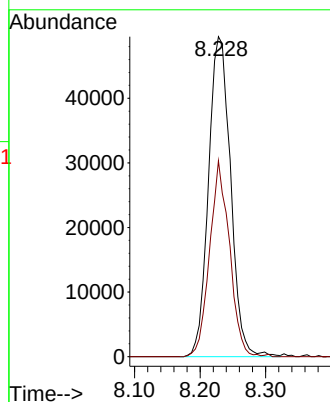
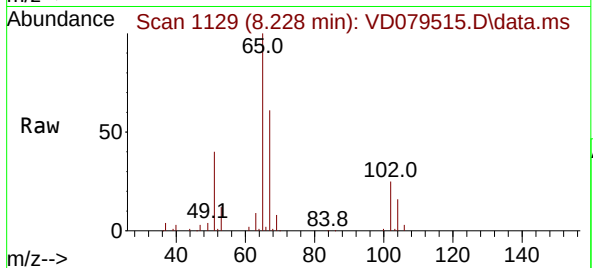
S-847-G1-SO-2.5-3.0-072024

Tgt Ion: 65 Resp: 115922

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079515.D

Acq: 01 Aug 2024 01:47

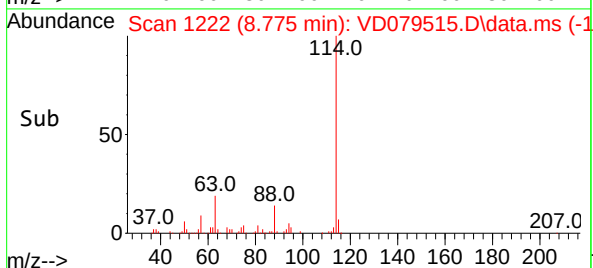
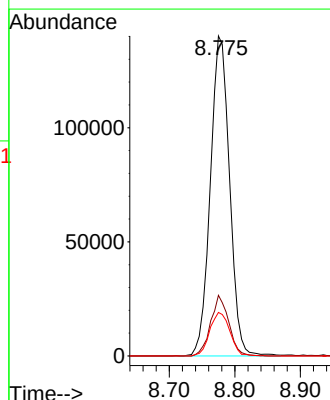
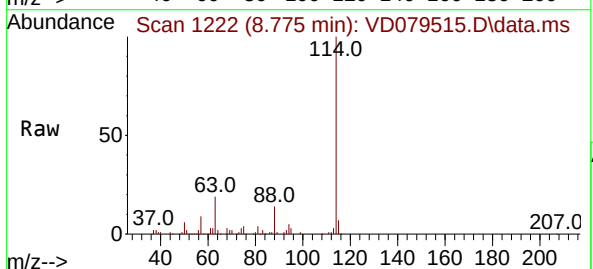
Tgt Ion: 114 Resp: 285648

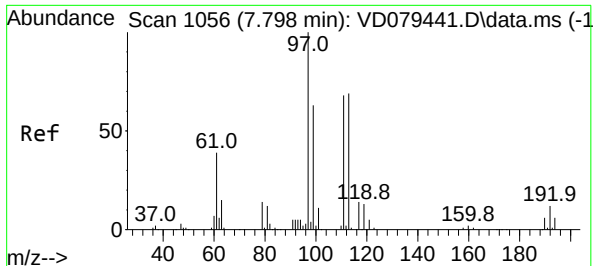
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 63.773 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079515.D

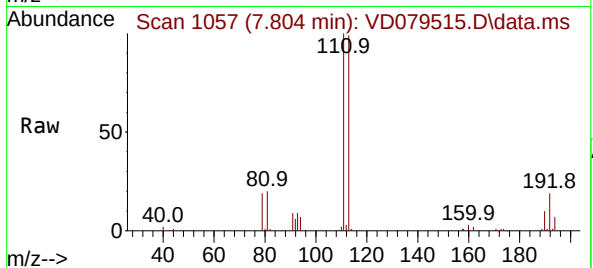
Acq: 01 Aug 2024 01:47

Instrument :

MSVOA_D

ClientSampleId :

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



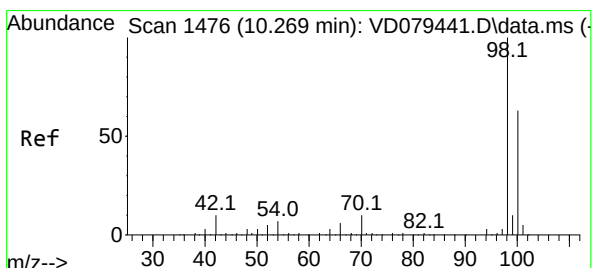
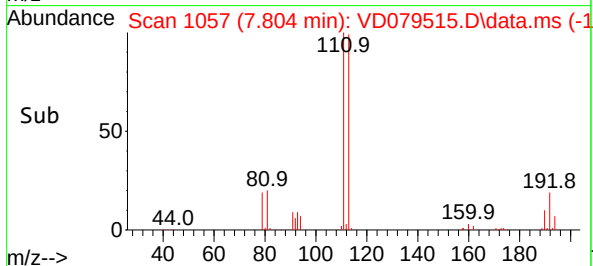
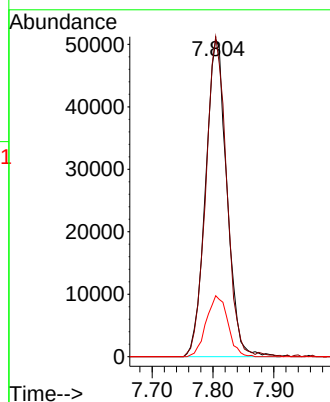
Tgt Ion:113 Resp: 123299

Ion Ratio Lower Upper

113 100

111 98.5 84.0 126.0

192 19.4 15.4 23.0



#50

Toluene-d8

Concen: 54.556 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079515.D

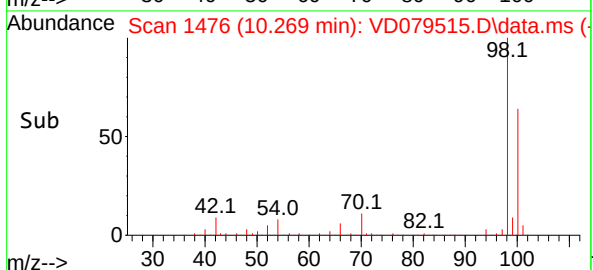
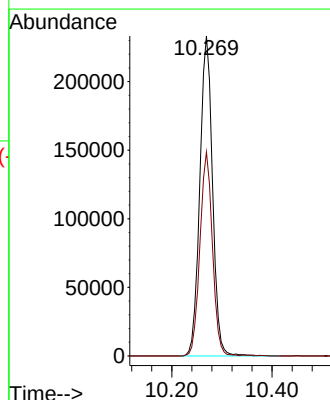
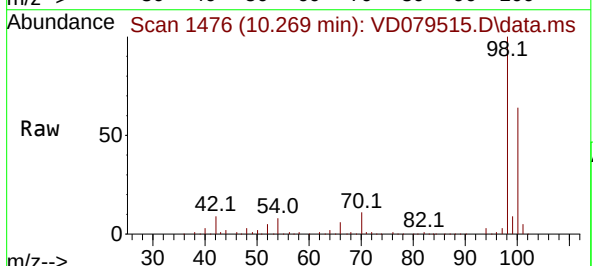
Acq: 01 Aug 2024 01:47

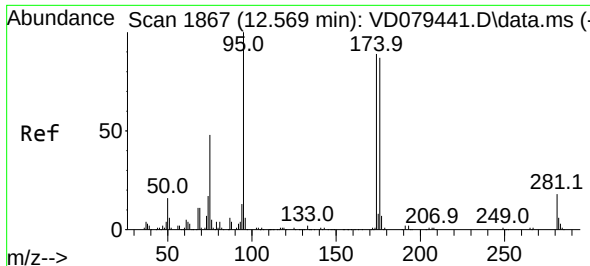
Tgt Ion: 98 Resp: 409615

Ion Ratio Lower Upper

98 100

100 62.7 51.6 77.4

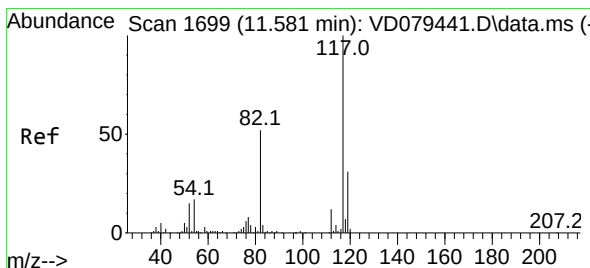
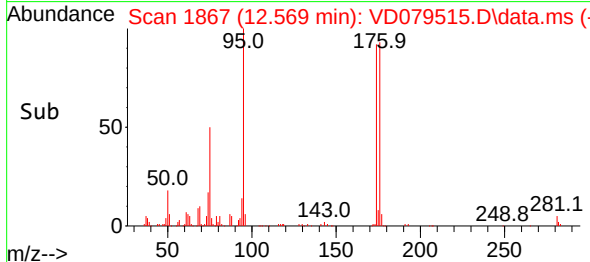
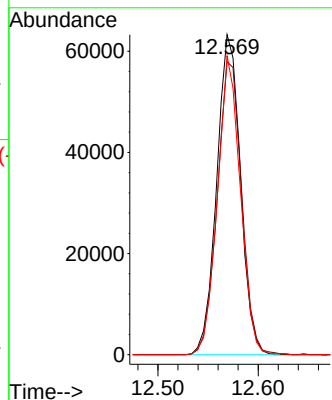
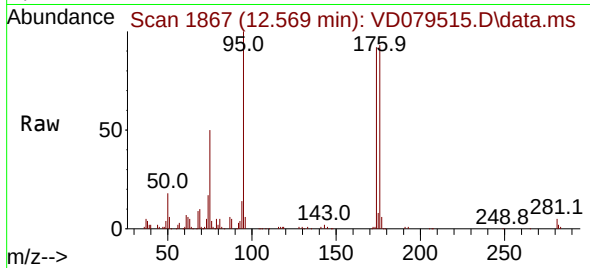




#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079515.D
Acq: 01 Aug 2024 01:47

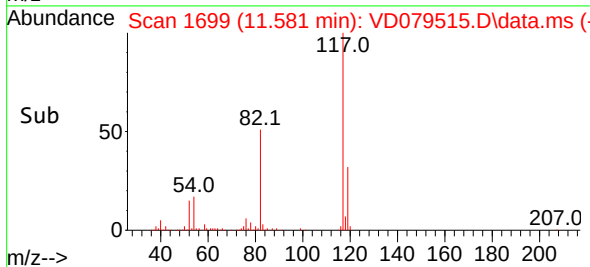
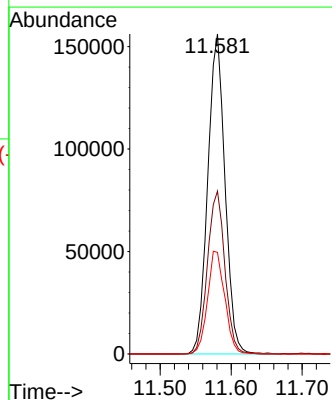
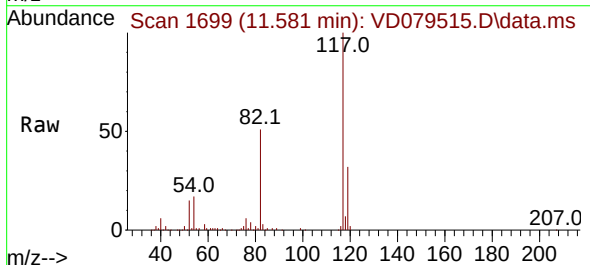
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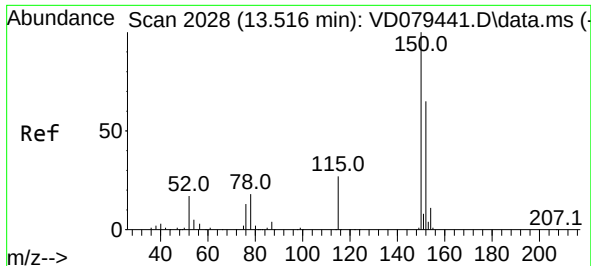
Tgt Ion: 95 Resp: 103626
Ion Ratio Lower Upper
95 100
174 94.4 0.0 195.4
176 90.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079515.D
Acq: 01 Aug 2024 01:47

Tgt Ion: 117 Resp: 263244
Ion Ratio Lower Upper
117 100
82 50.9 39.8 59.6
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD079515.D

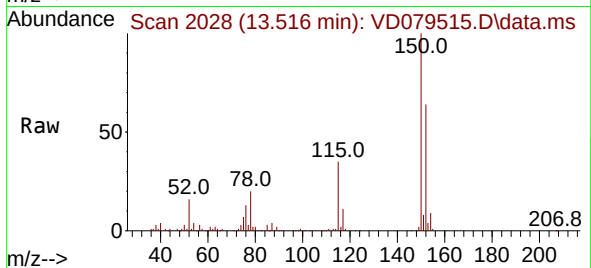
Acq: 01 Aug 2024 01:47

Instrument :

MSVOA_D

ClientSampleId :

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



Tgt Ion:152 Resp: 102755

Ion Ratio Lower Upper

152 100

115 56.1 26.5 79.5

150 158.0 0.0 341.6

