

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079853.D
 Acq On : 03 Nov 2023 16:51
 Operator : JC\MD
 Sample : 05139-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 04 00:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	234960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	482566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199589	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.171	113	167920	50.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.340%
50) Toluene-d8	10.570	98	572290	46.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.853	95	190269	46.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%

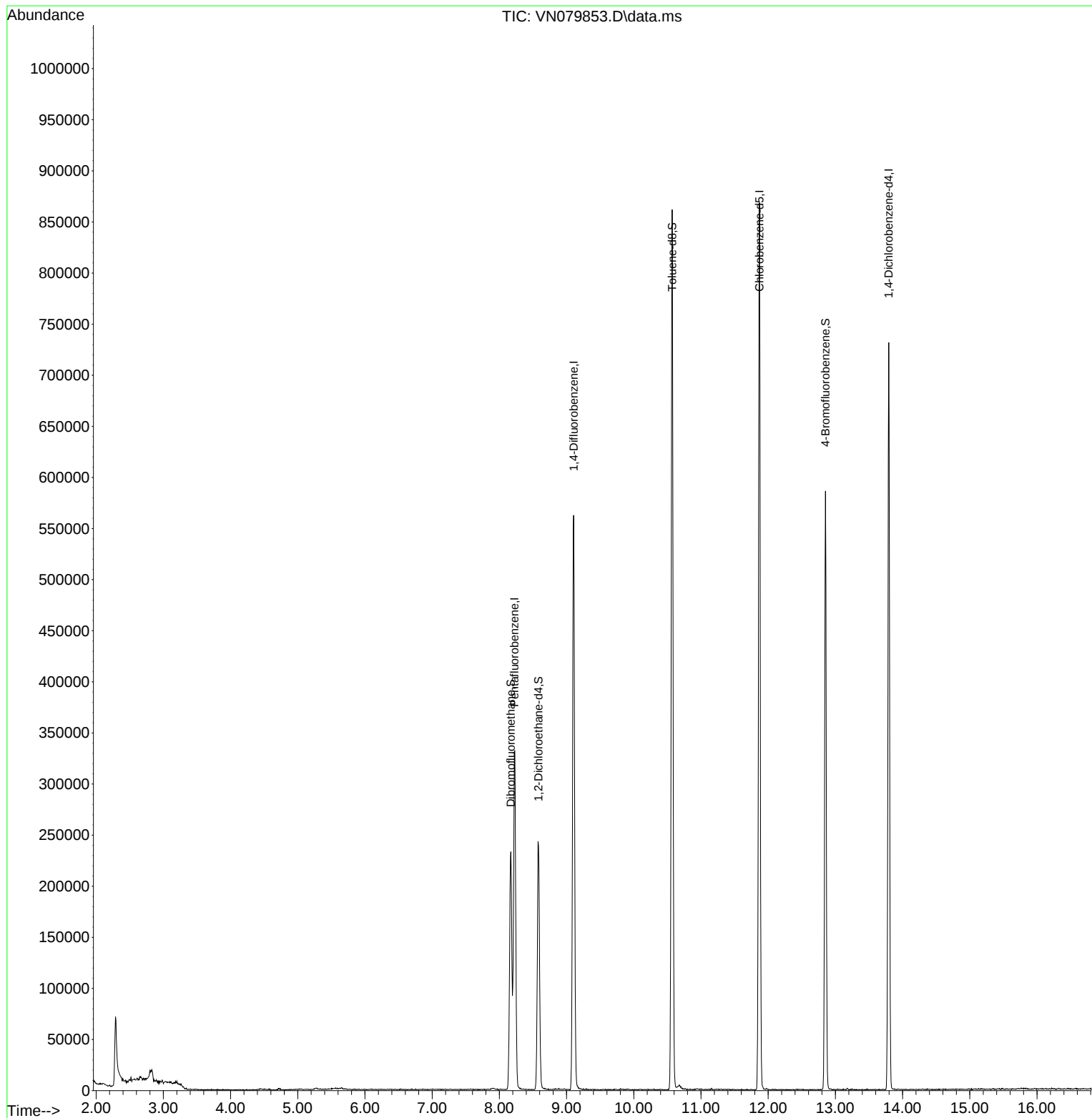
Target Compounds	Qvalue

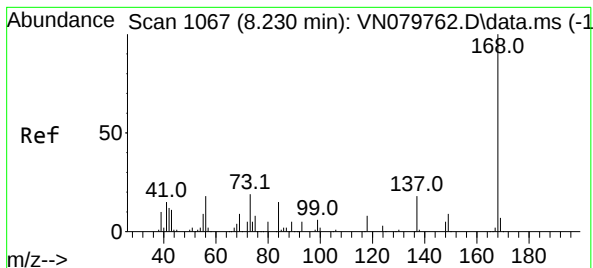
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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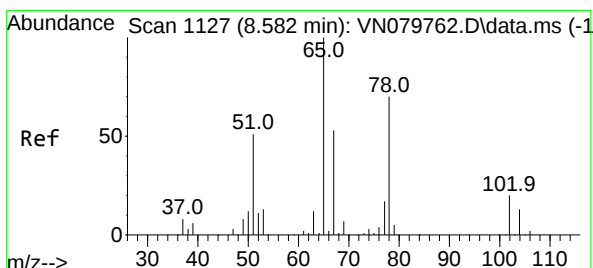
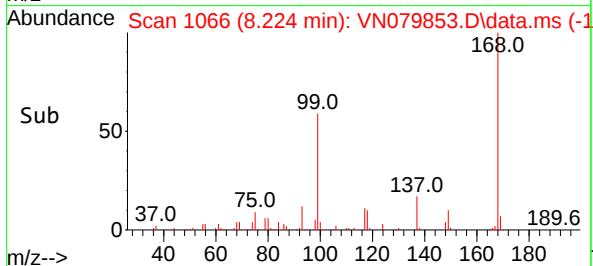
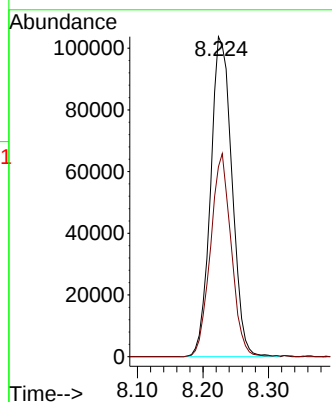
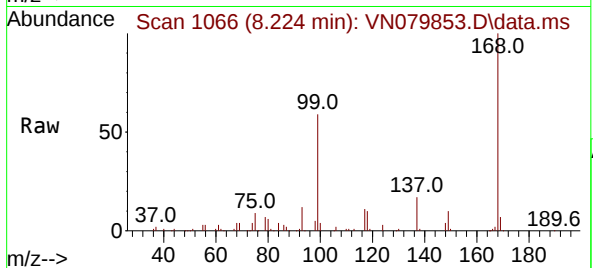




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

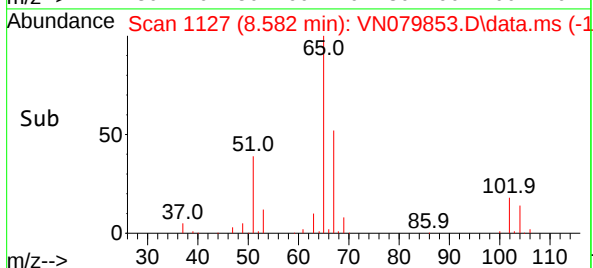
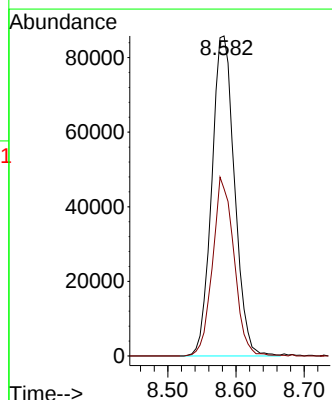
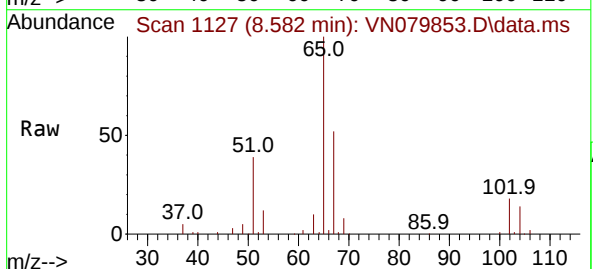
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

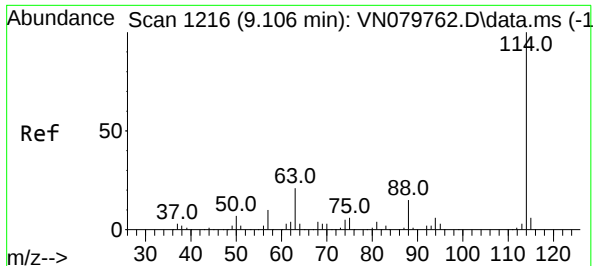
Tgt Ion:168 Resp: 234960
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 65 Resp: 199589
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

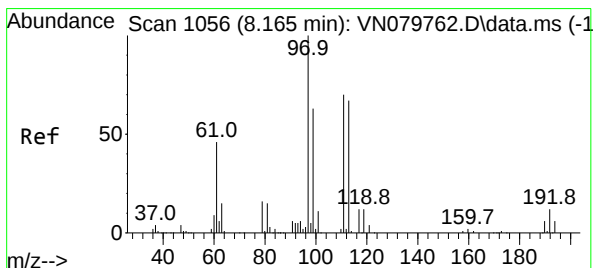
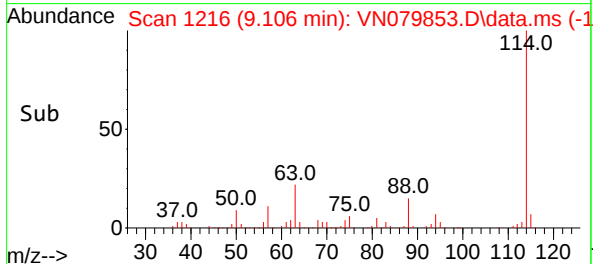
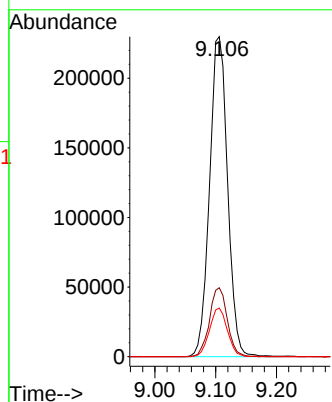
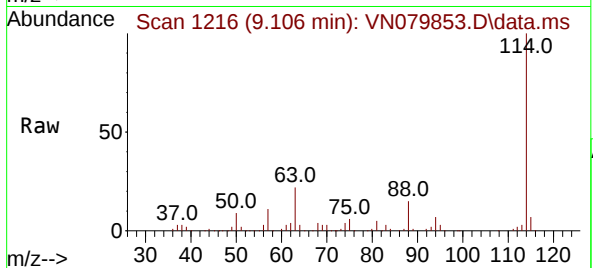




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

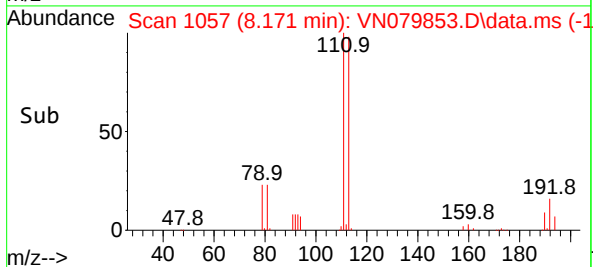
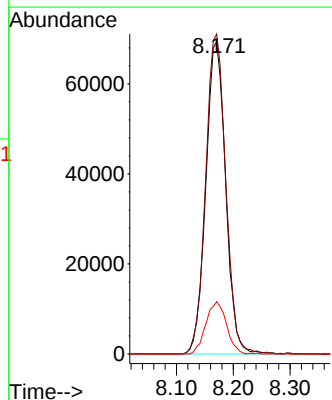
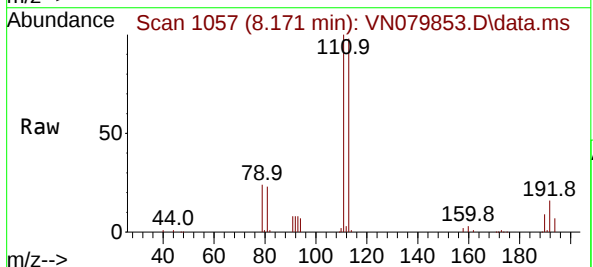
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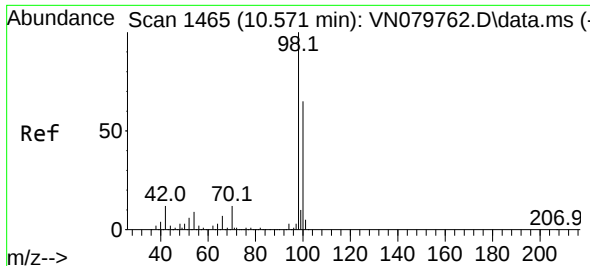
Tgt Ion:114 Resp: 472923
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.168 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion:113 Resp: 167920
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.4 12.7 19.1

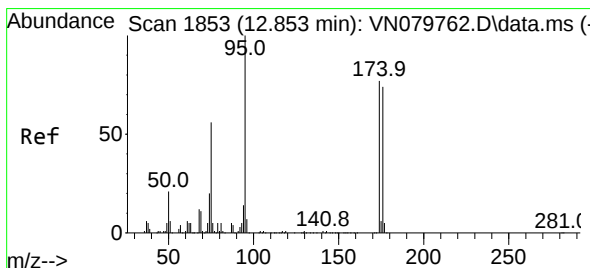
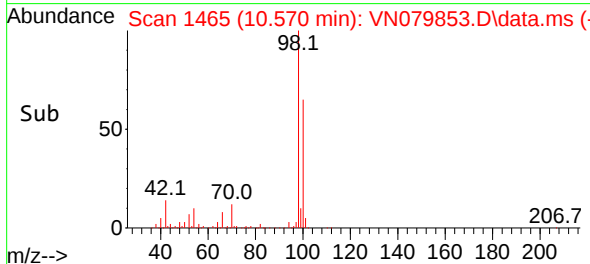
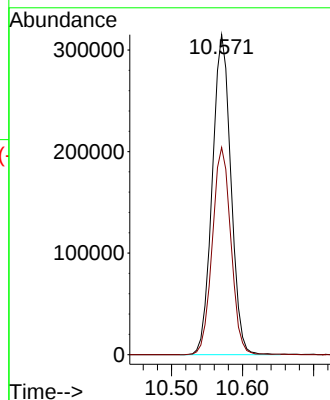
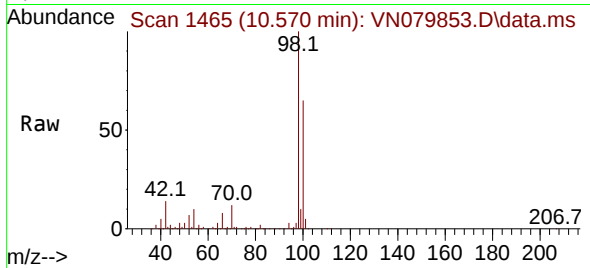




#50
Toluene-d8
Concen: 46.444 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

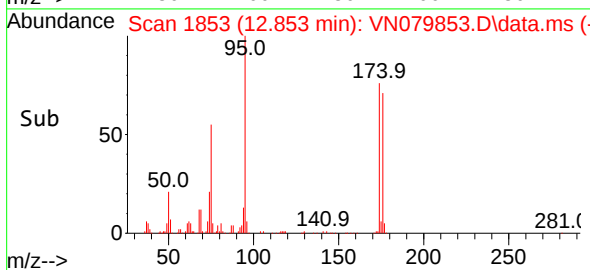
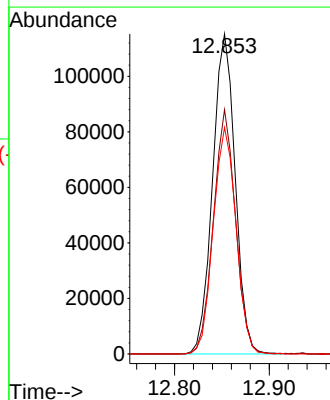
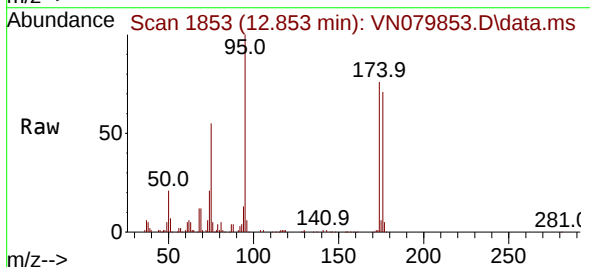
Instrument :
MSVOA_N
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STORAGE-BLANK-WATER-REF-4

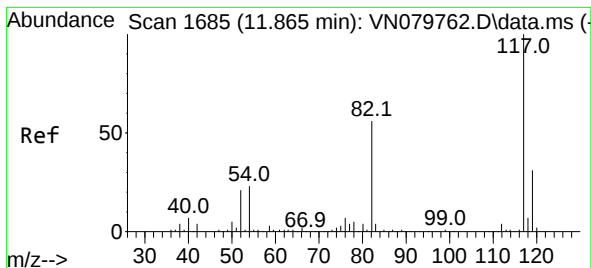
Tgt Ion: 98 Resp: 572290
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.559 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 95 Resp: 190269
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079853.D

Acq: 03 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

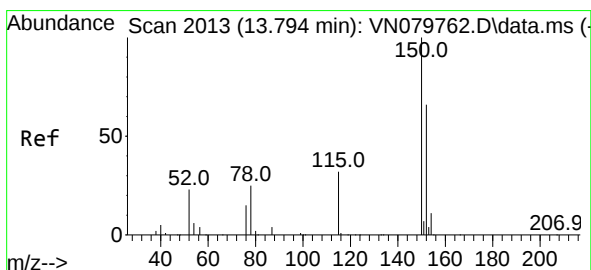
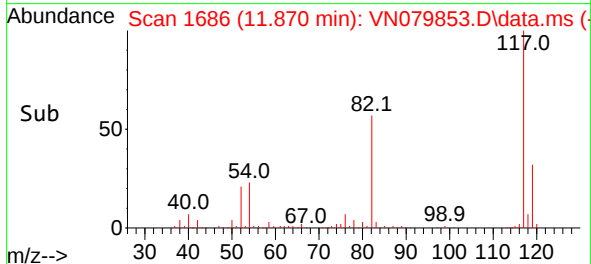
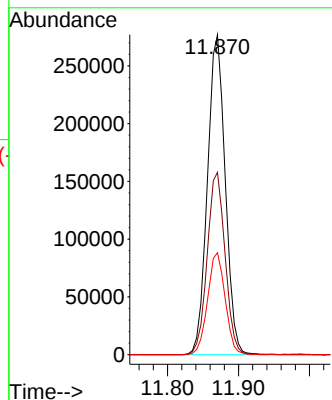
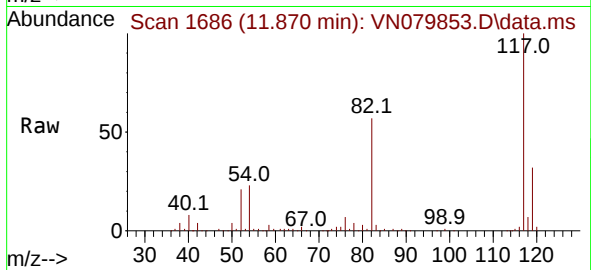
Tgt Ion:117 Resp: 482566

Ion Ratio Lower Upper

117 100

82 57.0 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079853.D

Acq: 03 Nov 2023 16:51

Tgt Ion:152 Resp: 189317

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 156.3 0.0 355.8

