

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079239.D
 Acq On : 12 Sep 2023 16:47
 Operator : JC\MD
 Sample : 04353-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-090723

Quant Time: Sep 13 01:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

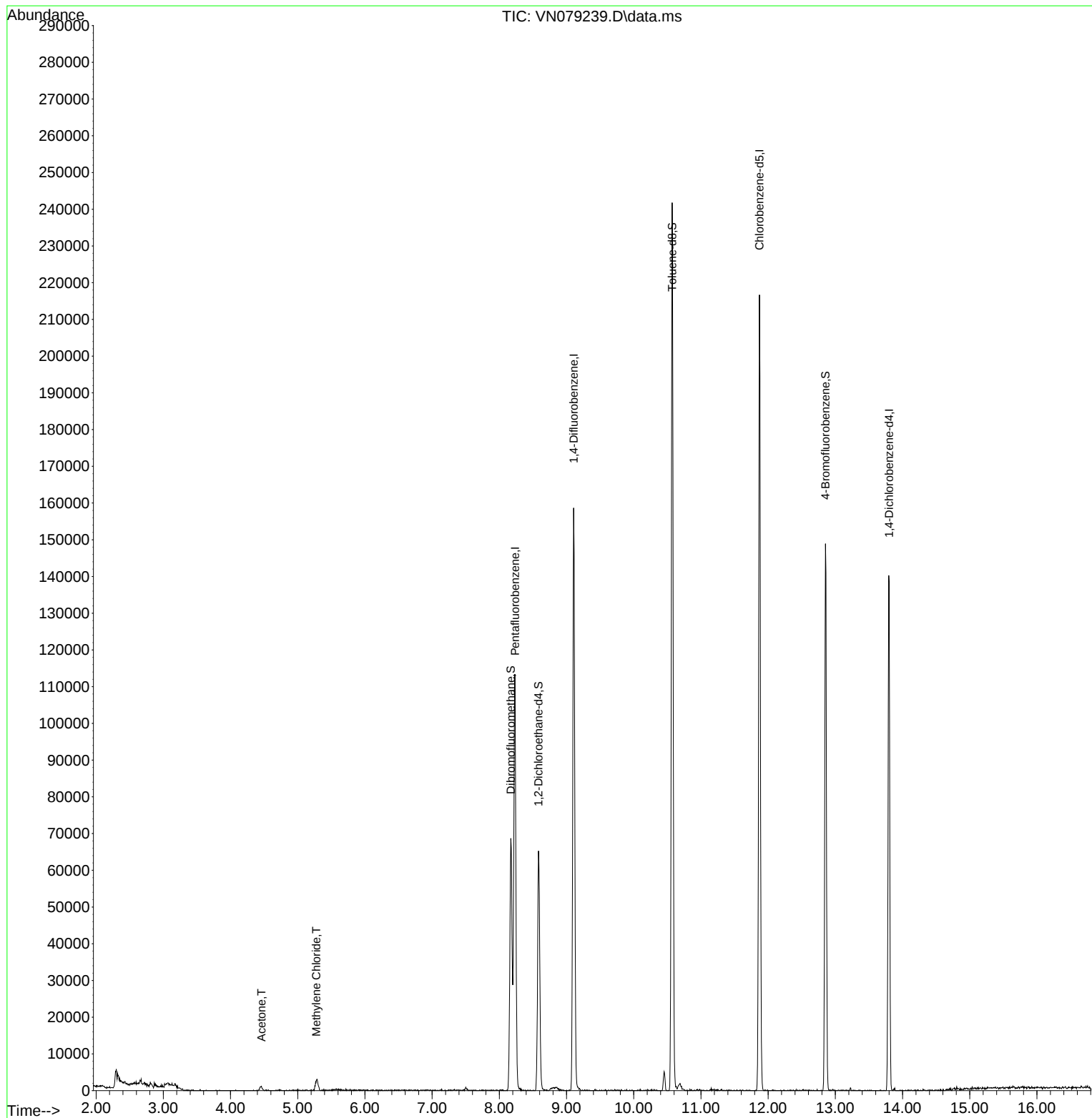
Internal Standards						
1) Pentafluorobenzene	8.236	168	85409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	137295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	130830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	40829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58174	50.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	8.171	113	50270	55.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.080%	
50) Toluene-d8	10.571	98	174185	51.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.853	95	53899	50.389	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	
Target Compounds						Qvalue
16) Acetone	4.459	43	2167	4.426	ug/l	99
20) Methylene Chloride	5.277	84	2589	2.173	ug/l #	76

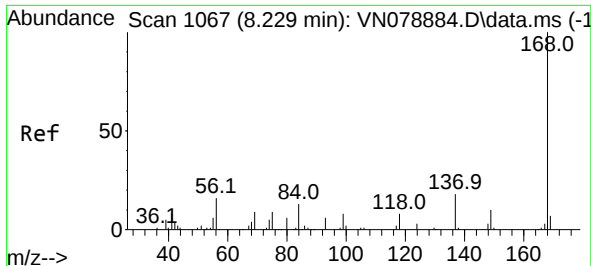
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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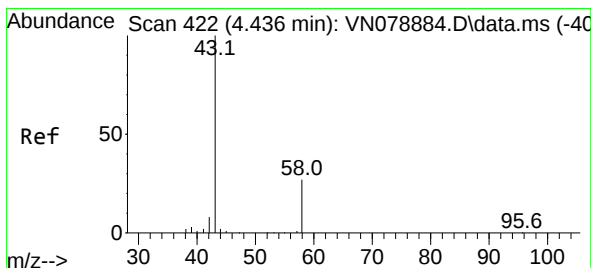
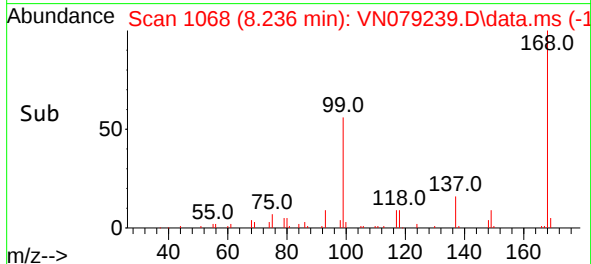
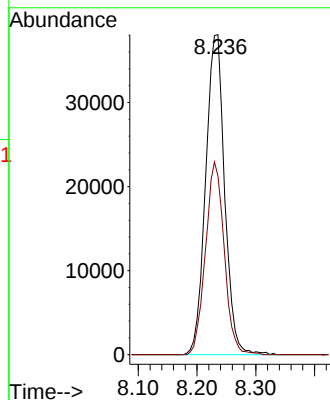
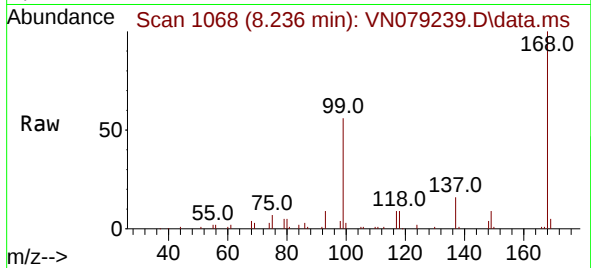




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

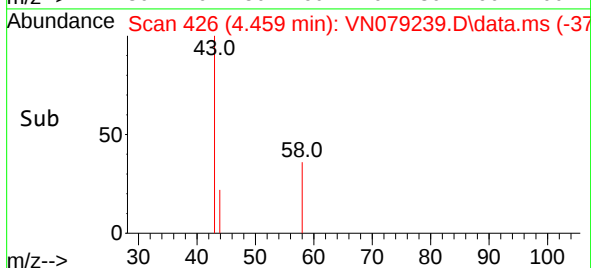
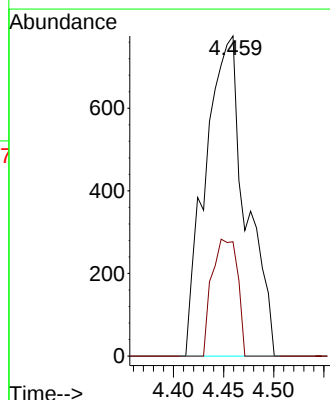
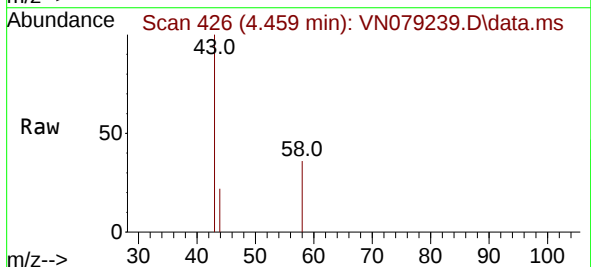
Instrument :
MSVOA_N
ClientSampleId :
EB01-090723

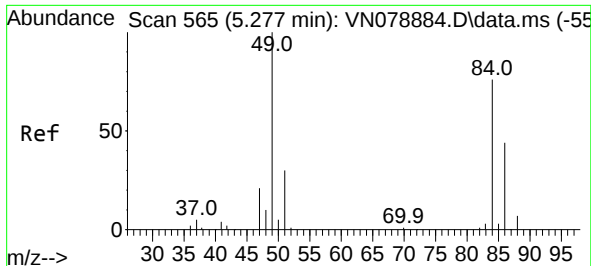
Tgt Ion:168 Resp: 85409
Ion Ratio Lower Upper
168 100
99 55.9 53.0 79.6



#16
Acetone
Concen: 4.426 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

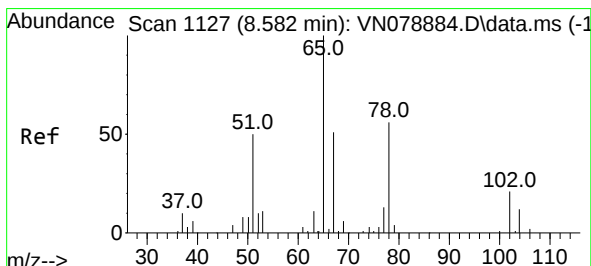
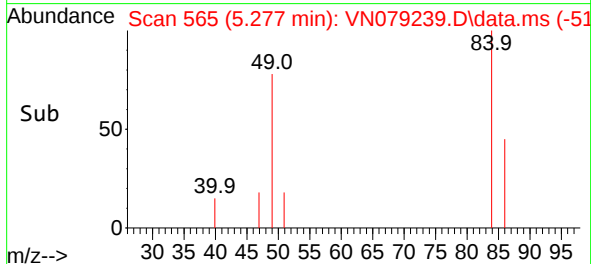
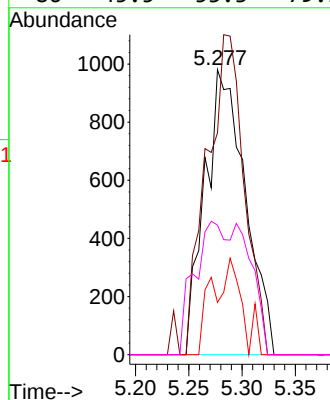
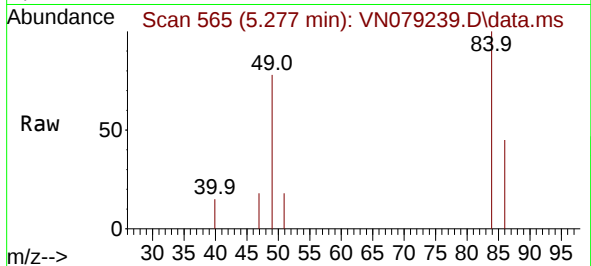




#20
Methylene Chloride
Concen: 2.173 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

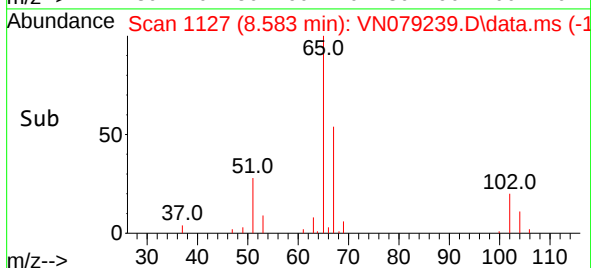
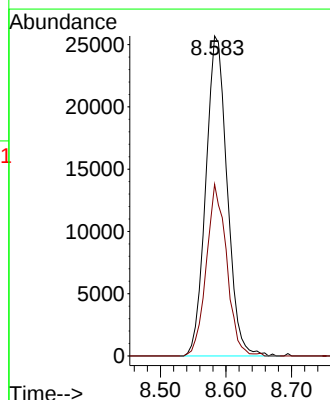
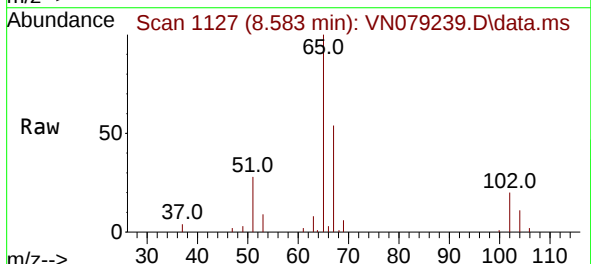
Instrument :
MSVOA_N
ClientSampleId :
EB01-090723

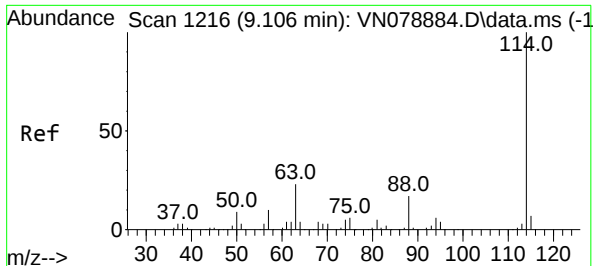
Tgt Ion: 84	Resp: 2589
Ion Ratio	Lower Upper
84 100	
49 77.8	79.7 119.5#
51 18.3	25.2 37.8#
86 45.5	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 50.457 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 65	Resp: 58174
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

EB01-090723

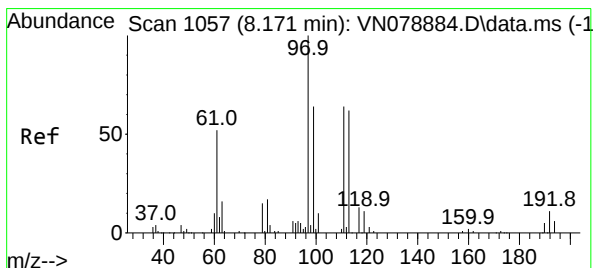
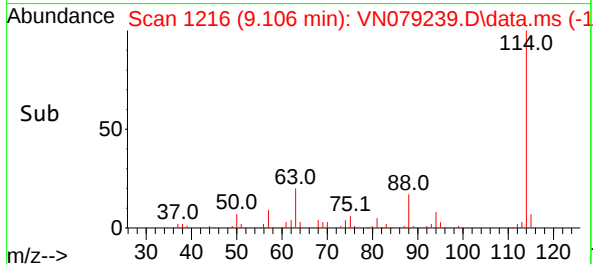
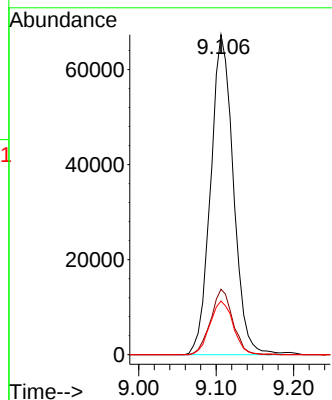
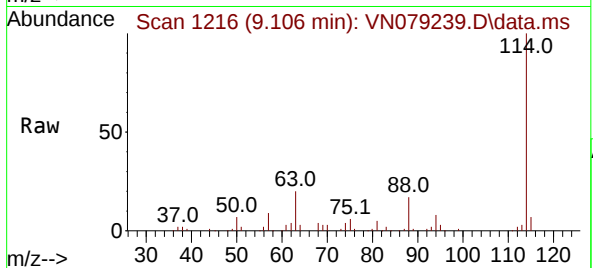
Tgt Ion:114 Resp: 137295

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.045 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079239.D

Acq: 12 Sep 2023 16:47

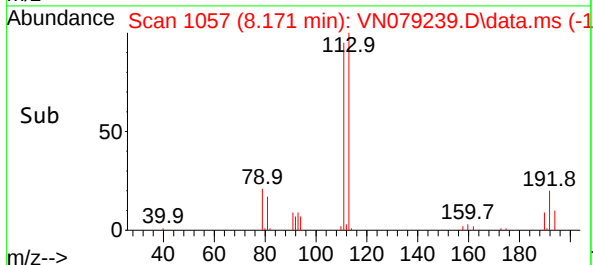
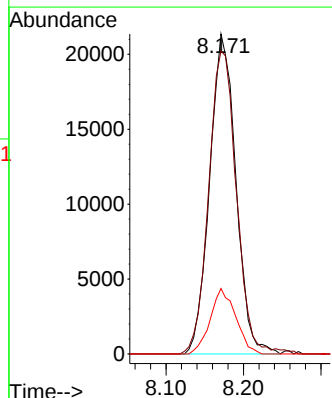
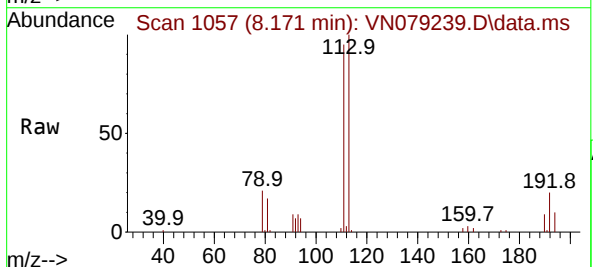
Tgt Ion:113 Resp: 50270

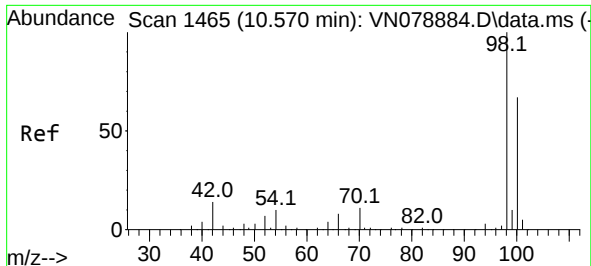
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 19.9 12.7 19.1#

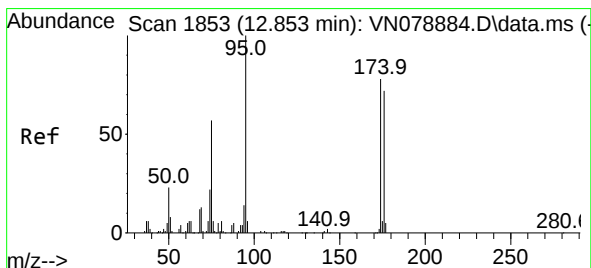
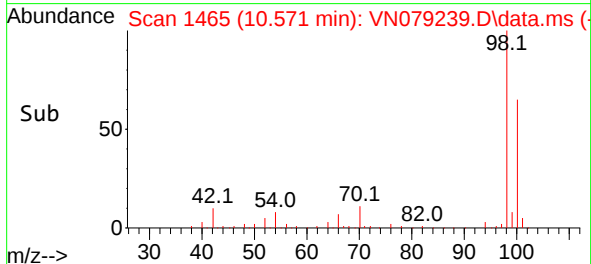
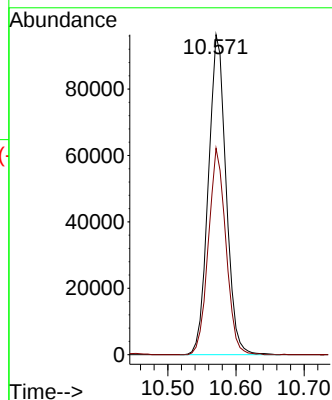
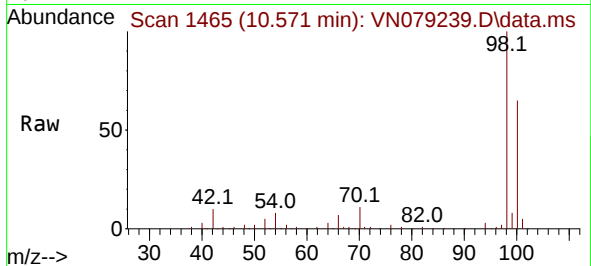




#50
Toluene-d8
Concen: 51.944 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

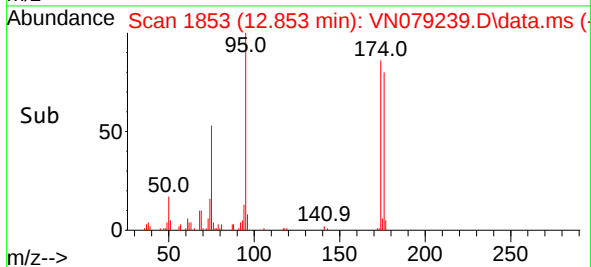
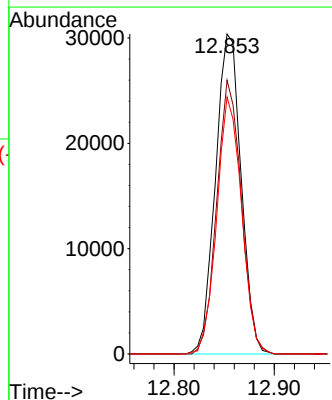
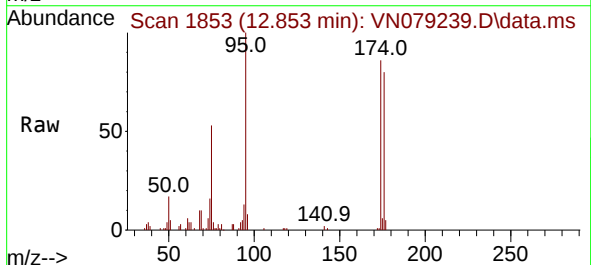
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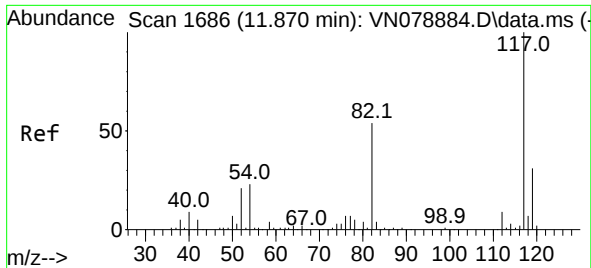
Tgt Ion: 98 Resp: 174185
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion: 95 Resp: 53899
Ion Ratio Lower Upper
95 100
174 82.2 0.0 143.8
176 77.7 0.0 135.8

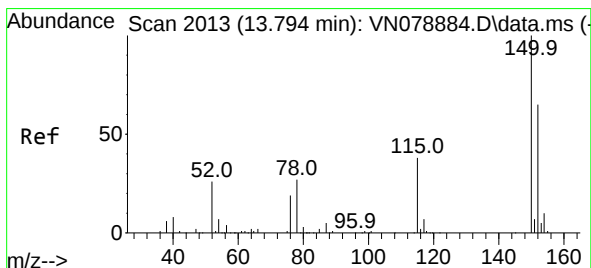
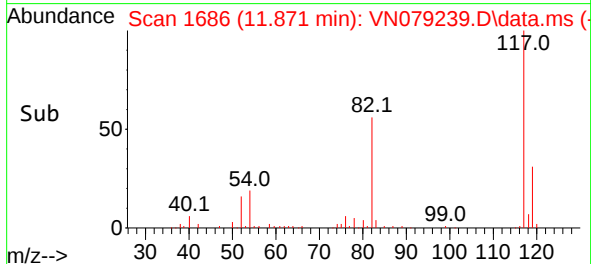
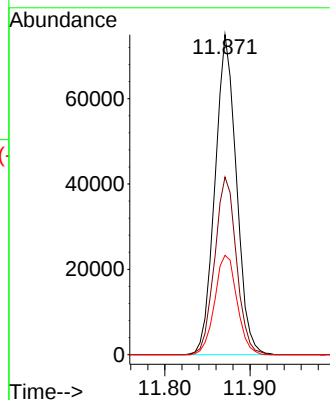
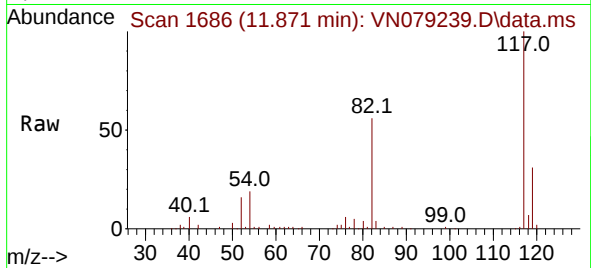




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
EB01-090723

Tgt Ion:117 Resp: 130830
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079239.D
Acq: 12 Sep 2023 16:47

Tgt Ion:152 Resp: 40829
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.2 0.0 355.8

