

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078539.D
 Acq On : 17 Jul 2023 13:35
 Operator : JC\MD
 Sample : 03645-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 18 04:22:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

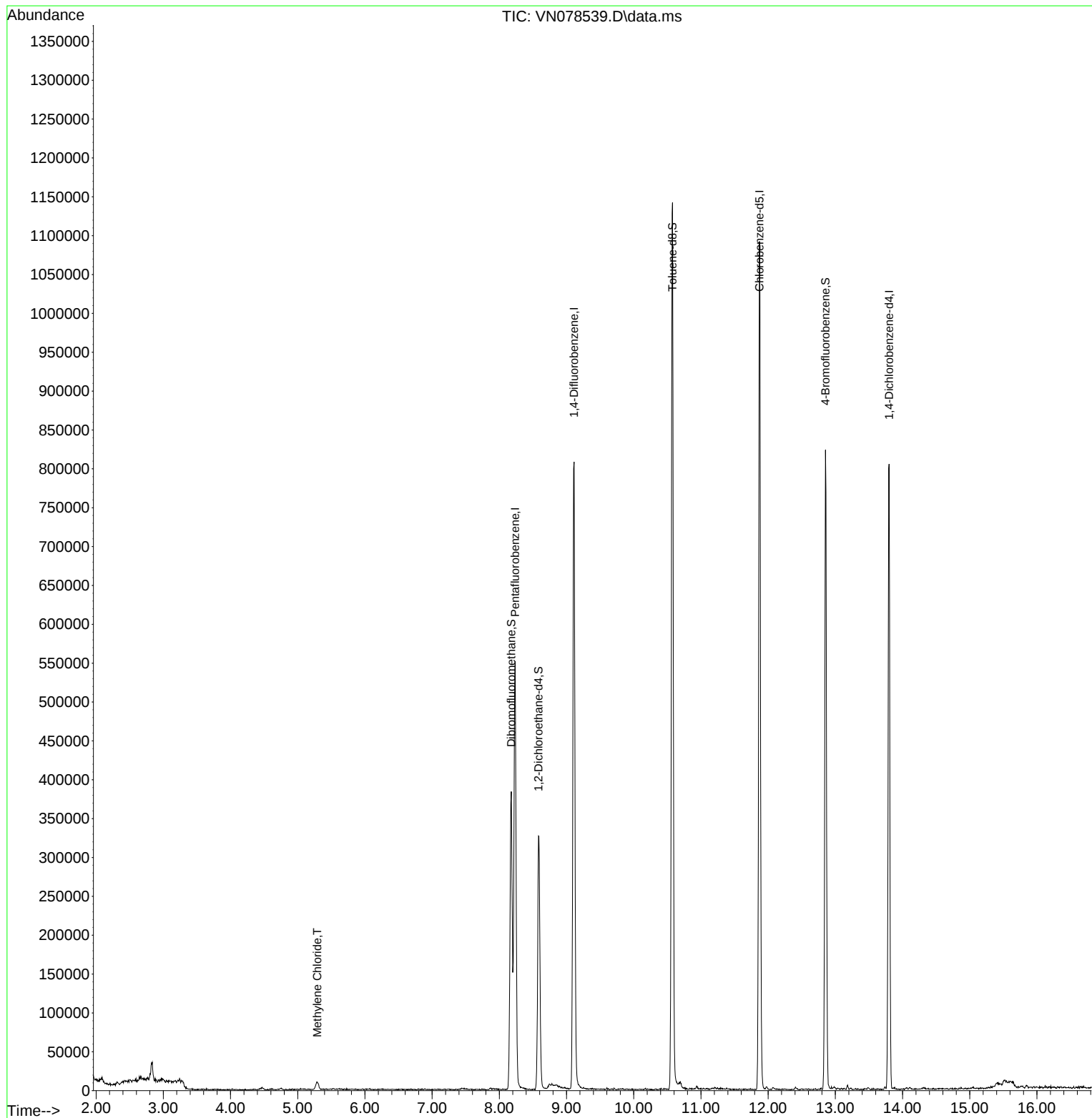
Internal Standards						
1) Pentafluorobenzene	8.236	168	408433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	725801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	658560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	271359	49.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.177	113	275032	55.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.640%
50) Toluene-d8	10.577	98	845564	45.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.853	95	289498	50.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.289	84	7549	0.328	ug/l #	80

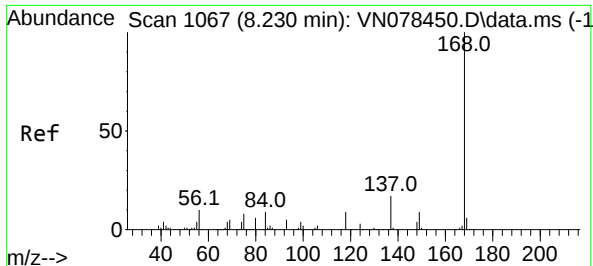
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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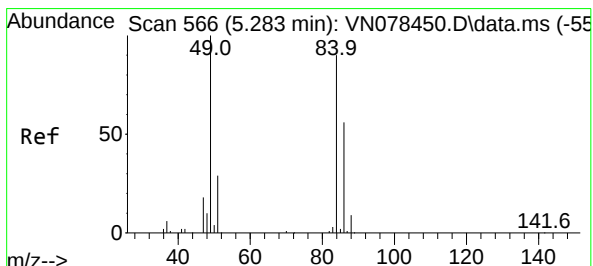
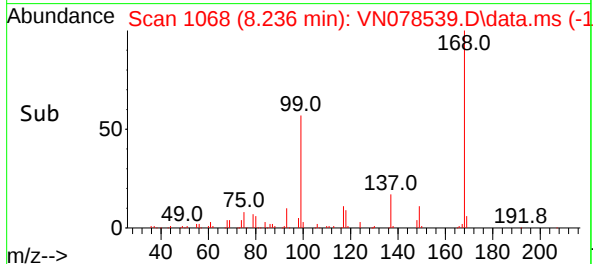
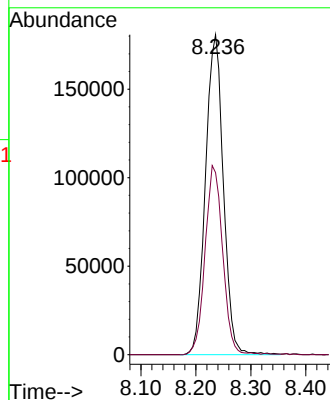
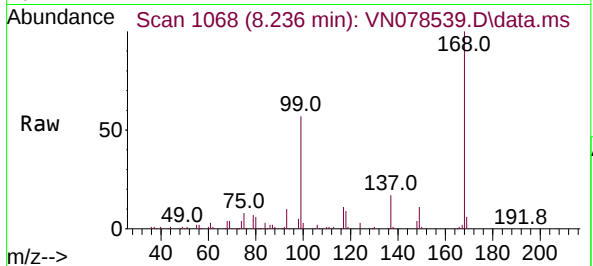




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078539.D
Acq: 17 Jul 2023 13:35

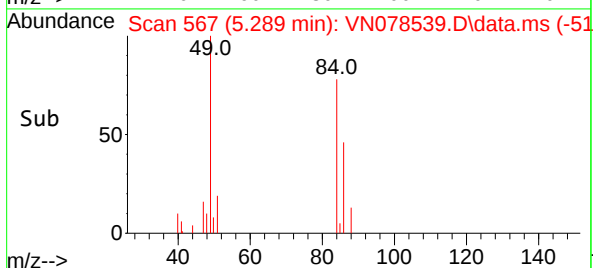
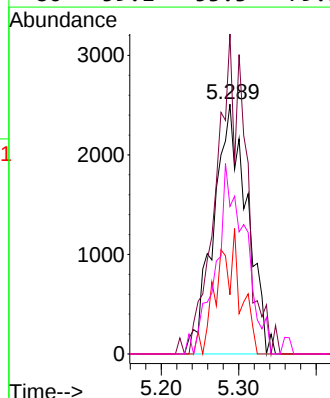
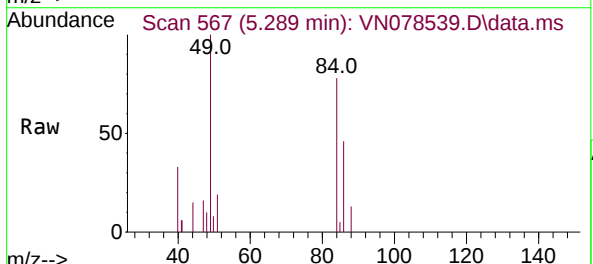
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

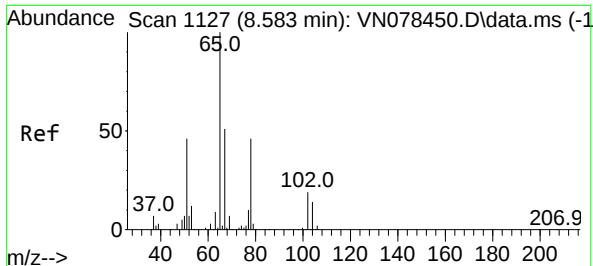
Tgt Ion:168 Resp: 408433
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6



#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078539.D
Acq: 17 Jul 2023 13:35

Tgt Ion: 84 Resp: 7549
Ion Ratio Lower Upper
84 100
49 128.1 79.7 119.5#
51 23.7 25.2 37.8#
86 59.1 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 49.559 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078539.D

Acq: 17 Jul 2023 13:35

Instrument :

MSVOA_N

ClientSampleId :

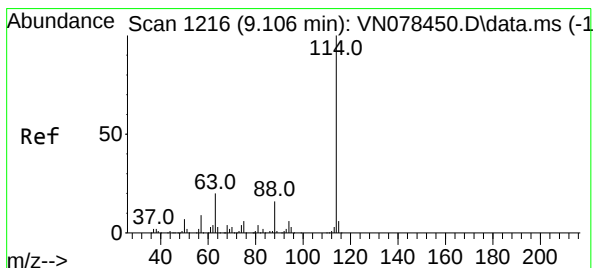
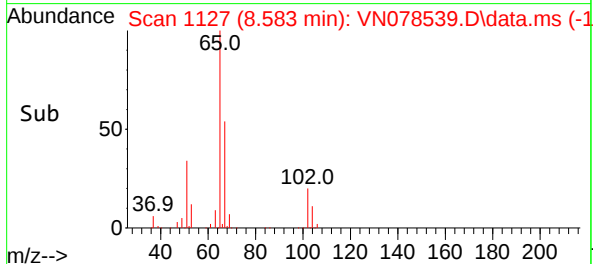
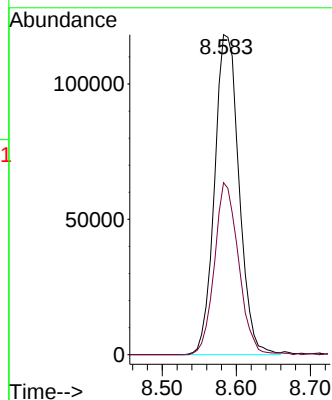
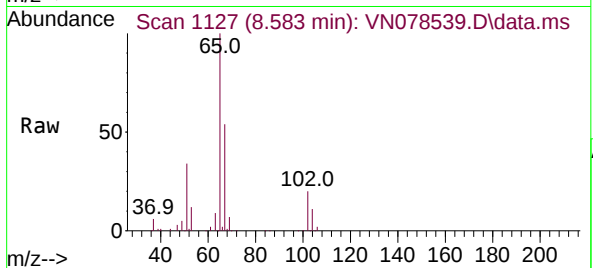
RINSATE-BLANK

Tgt Ion: 65 Resp: 271359

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078539.D

Acq: 17 Jul 2023 13:35

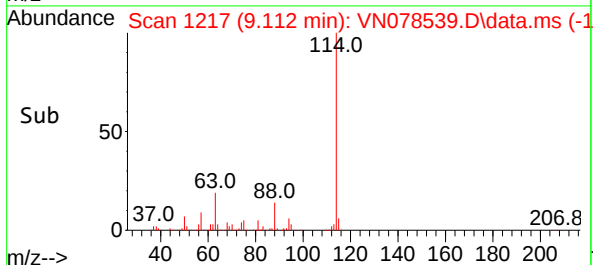
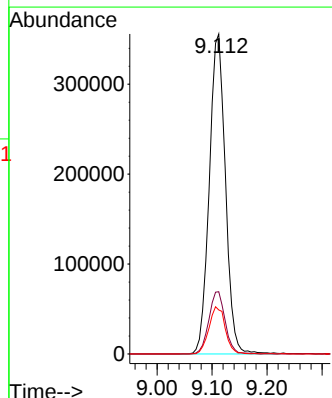
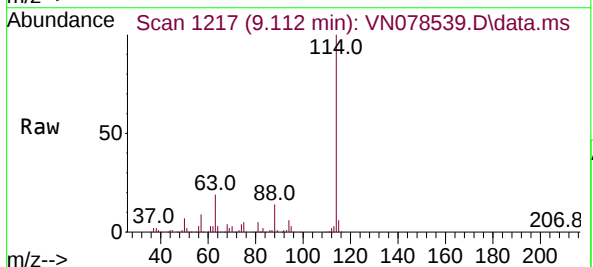
Tgt Ion: 114 Resp: 725801

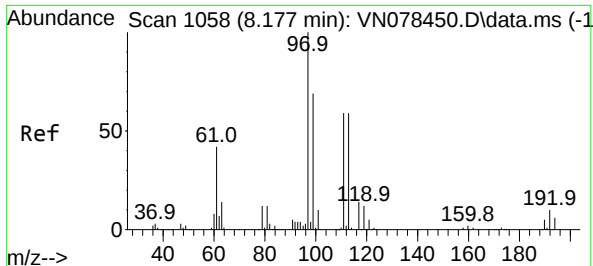
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.822 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078539.D

Acq: 17 Jul 2023 13:35

Instrument :

MSVOA_N

ClientSampleId :

RINSATE-BLANK

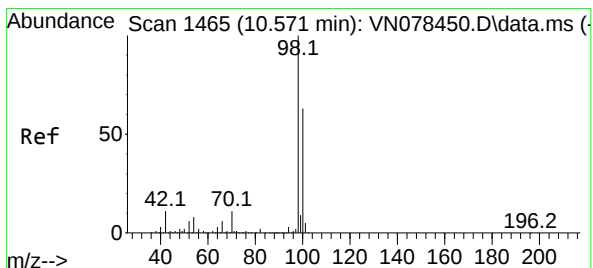
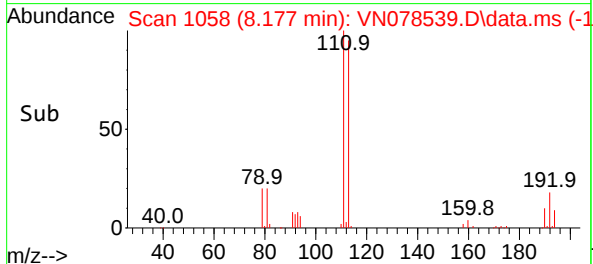
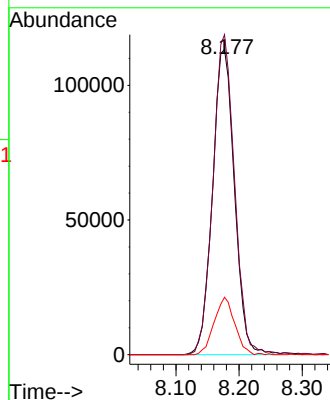
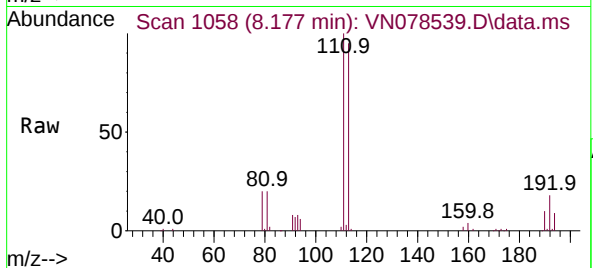
Tgt Ion:113 Resp: 275032

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.6 12.7 19.1



#50

Toluene-d8

Concen: 45.430 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078539.D

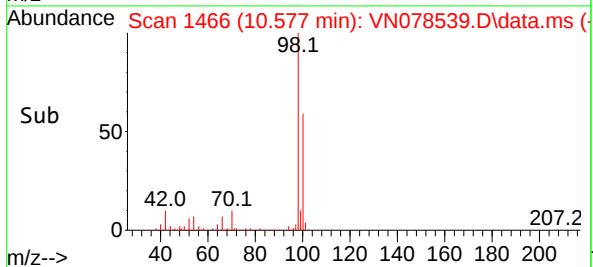
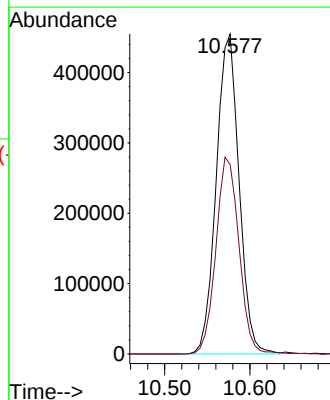
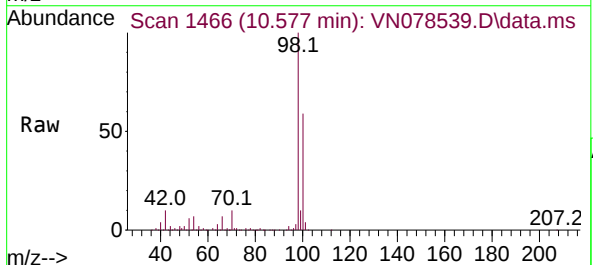
Acq: 17 Jul 2023 13:35

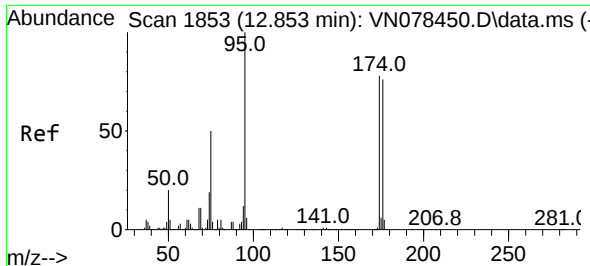
Tgt Ion: 98 Resp: 845564

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0

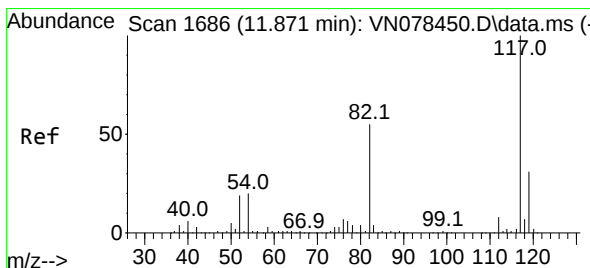
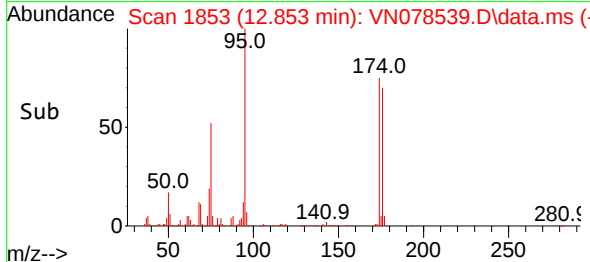
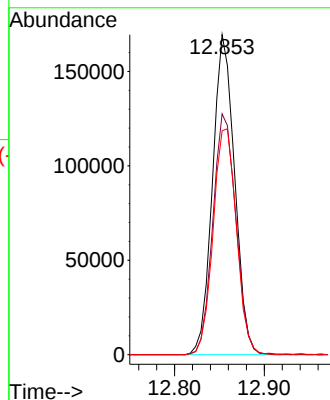
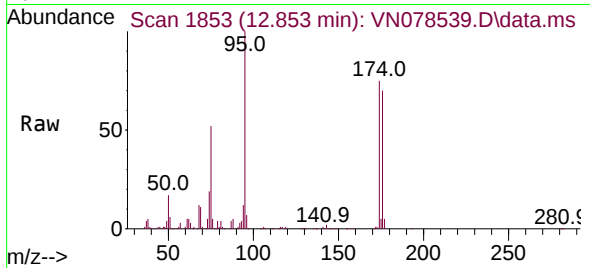




#62
4-Bromofluorobenzene
Concen: 50.496 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078539.D
Acq: 17 Jul 2023 13:35

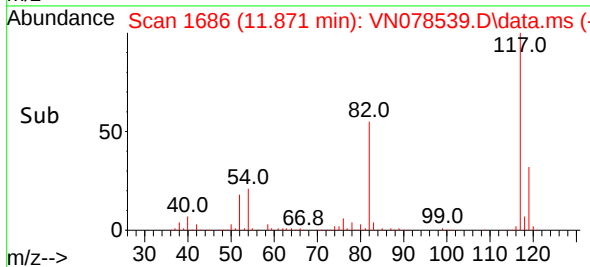
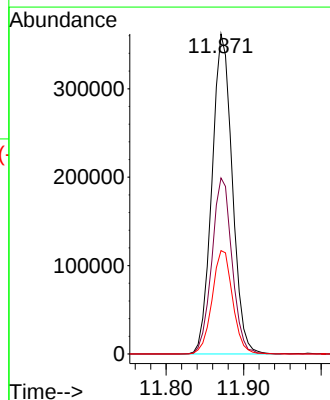
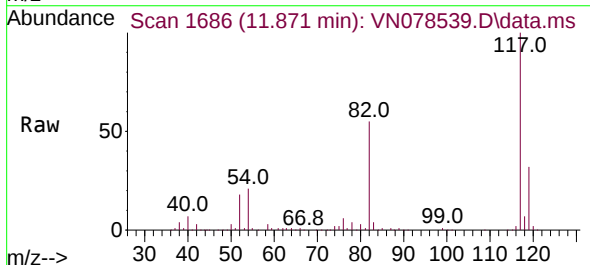
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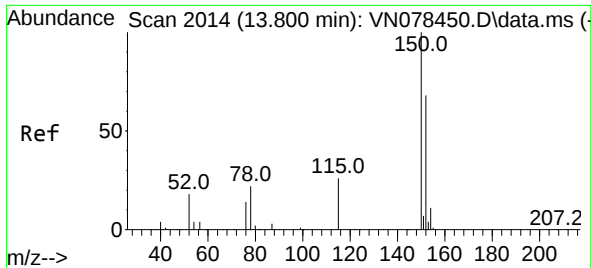
Tgt Ion: 95 Resp: 289498
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078539.D
Acq: 17 Jul 2023 13:35

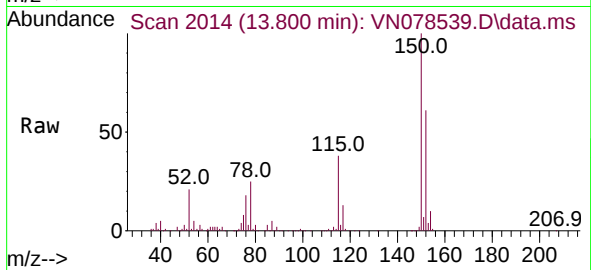
Tgt Ion: 117 Resp: 658560
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078539.D
 Acq: 17 Jul 2023 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSATE-BLANK



Tgt Ion:152 Resp: 222613
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.3 96.8
 150 157.0 0.0 355.8

