

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079795.D
 Acq On : 02 Nov 2023 14:23
 Operator : JC\MD
 Sample : 05102-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-TB01

Quant Time: Nov 03 04:01:06 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)

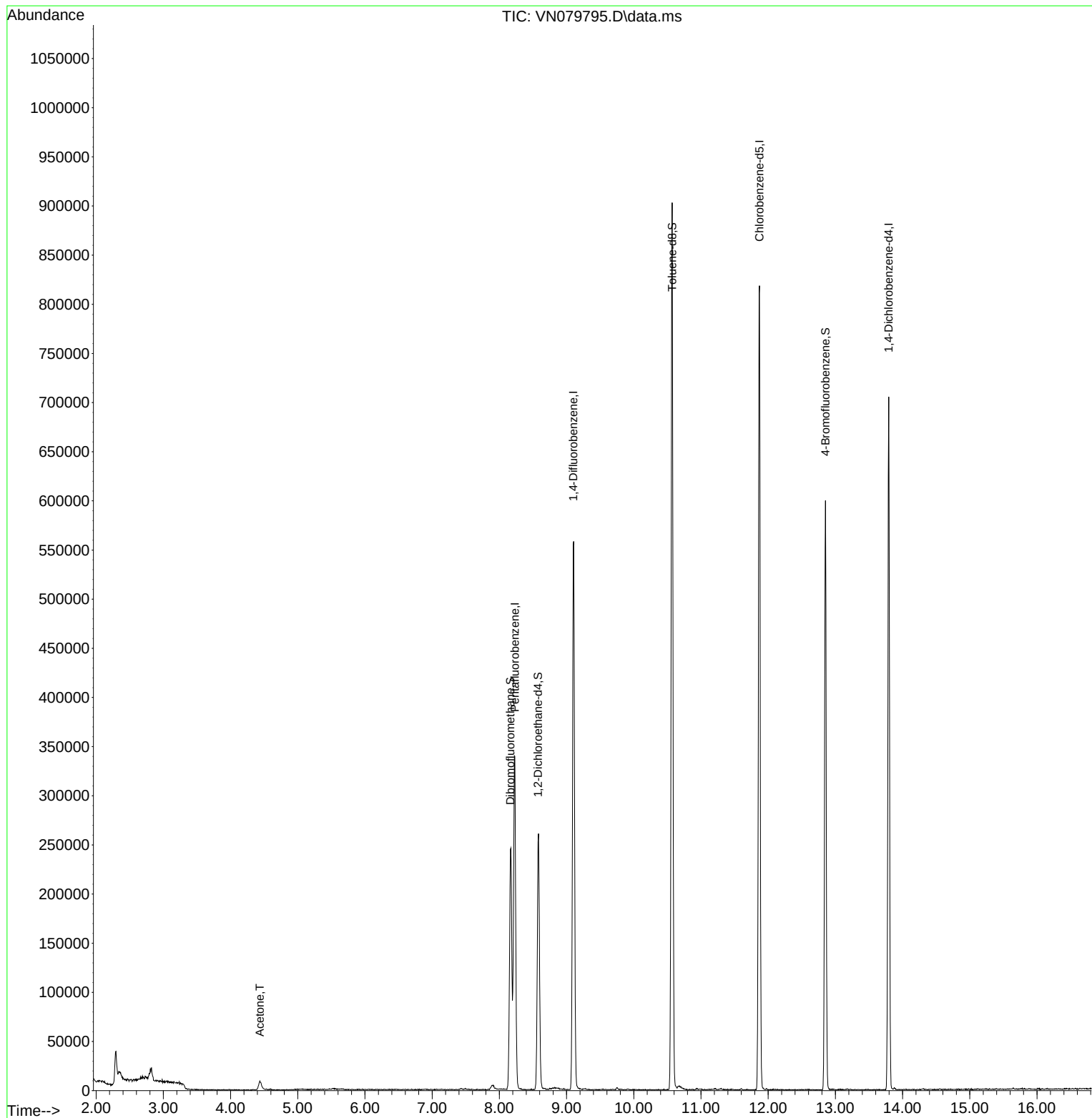
Internal Standards						
1) Pentafluorobenzene	8.230	168	236357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	472475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	463310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211673	58.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.560%
35) Dibromofluoromethane	8.165	113	175507	52.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.960%
50) Toluene-d8	10.571	98	603078	48.989	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.853	95	195721	47.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.880%
Target Compounds						
16) Acetone	4.436	43	16744	13.238	ug/l	Qvalue 95

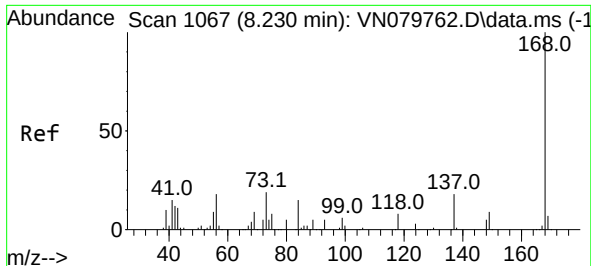
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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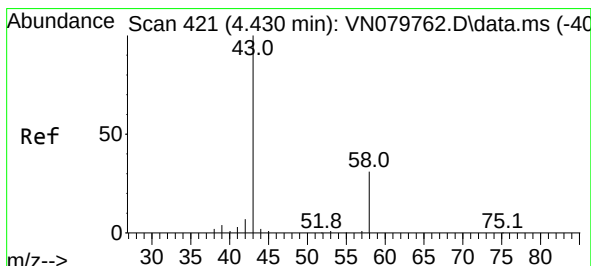
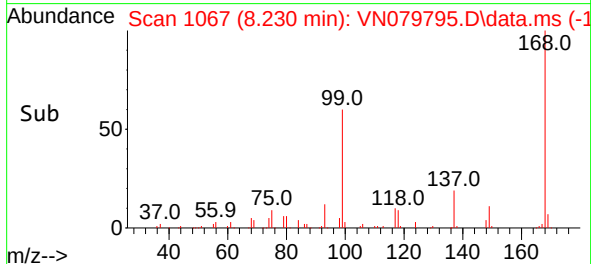
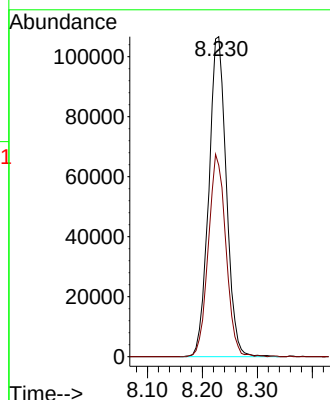
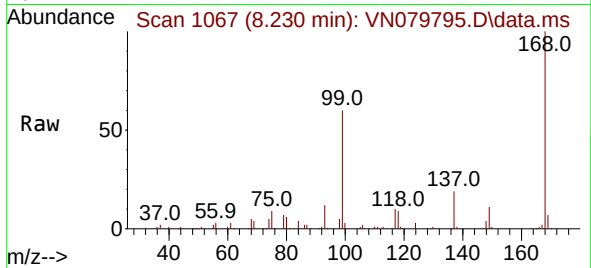




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079795.D
Acq: 02 Nov 2023 14:23

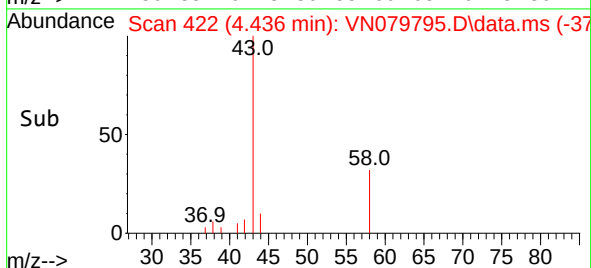
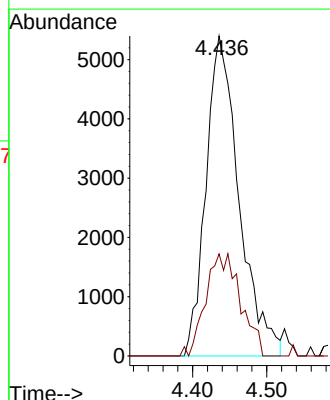
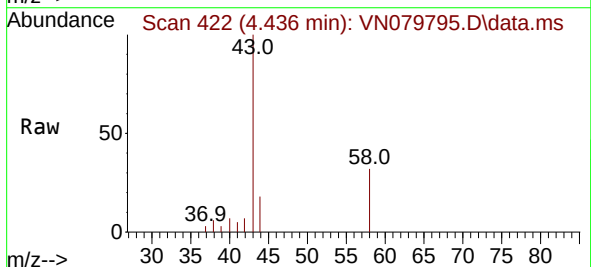
Instrument :
MSVOA_N
ClientSampleId :
67S-TB01

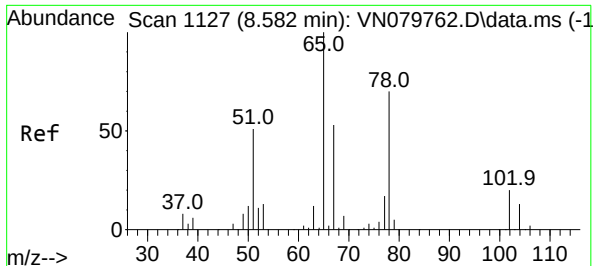
Tgt Ion:168 Resp: 236357
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#16
Acetone
Concen: 13.238 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079795.D
Acq: 02 Nov 2023 14:23

Tgt Ion: 43 Resp: 16744
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

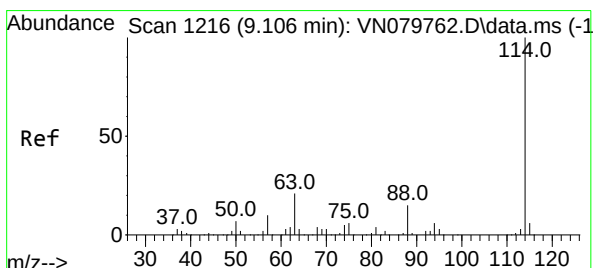
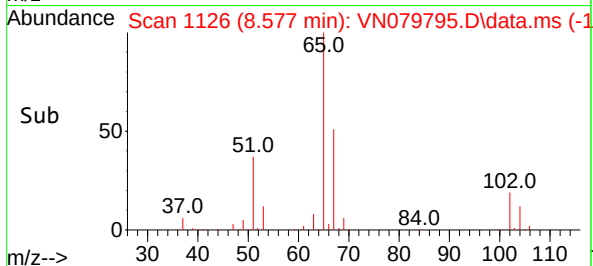
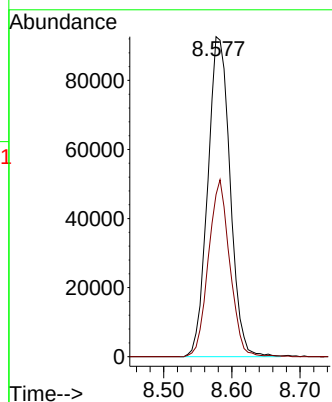
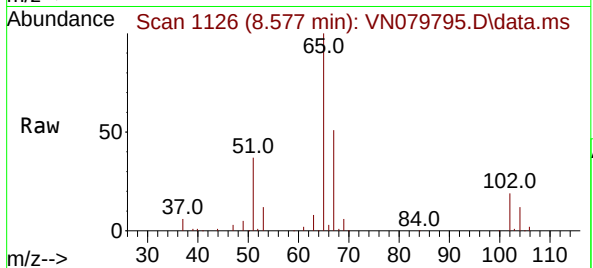




#33
 1,2-Dichloroethane-d4
 Concen: 58.782 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN079795.D
 Acq: 02 Nov 2023 14:23

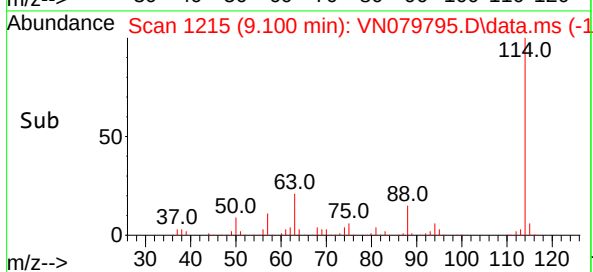
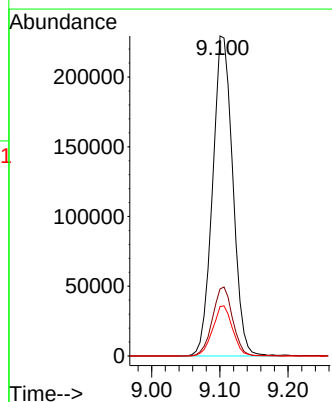
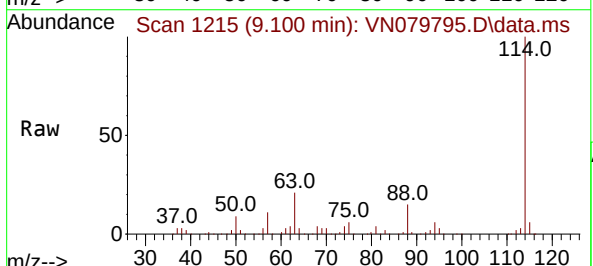
Instrument :
 MSVOA_N
 ClientSampleId :
 67S-TB01

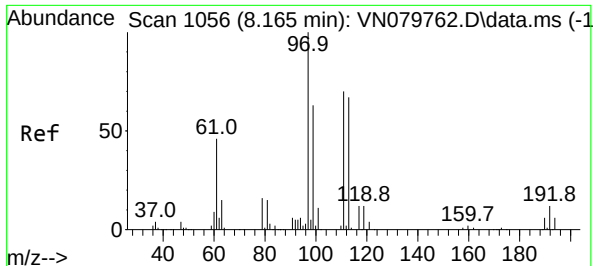
Tgt Ion: 65 Resp: 211673
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN079795.D
 Acq: 02 Nov 2023 14:23

Tgt Ion: 114 Resp: 472475
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 36.4
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.484 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079795.D

Acq: 02 Nov 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

67S-TB01

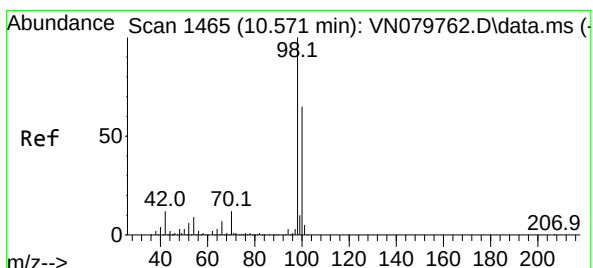
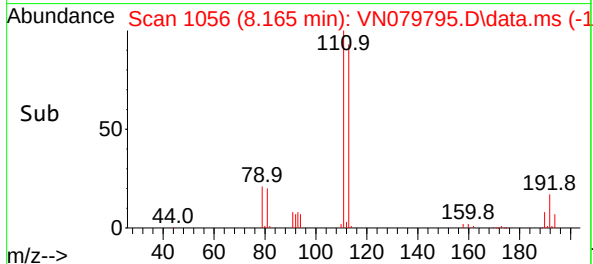
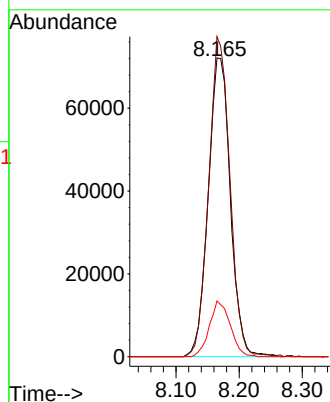
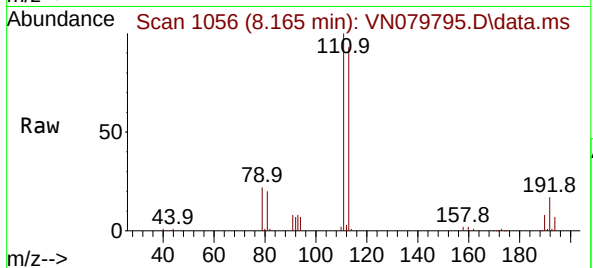
Tgt Ion:113 Resp: 175507

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.6 12.7 19.1



#50

Toluene-d8

Concen: 48.989 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079795.D

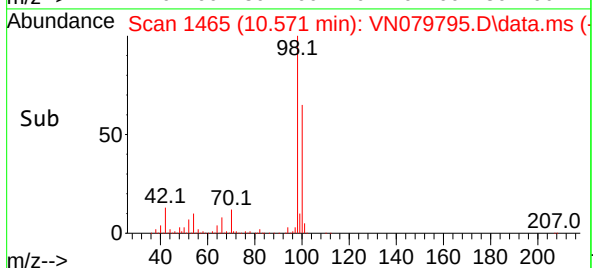
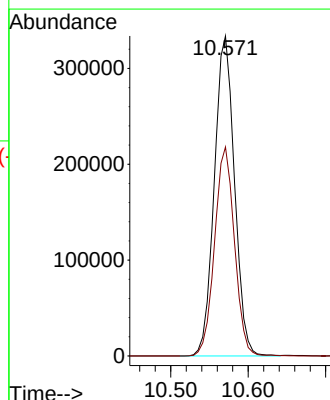
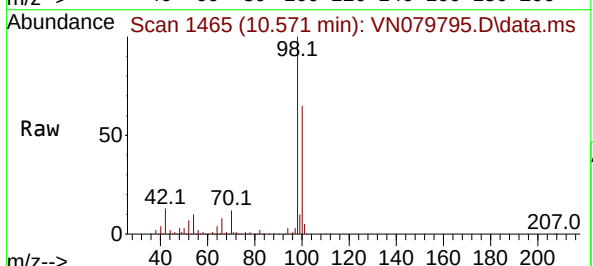
Acq: 02 Nov 2023 14:23

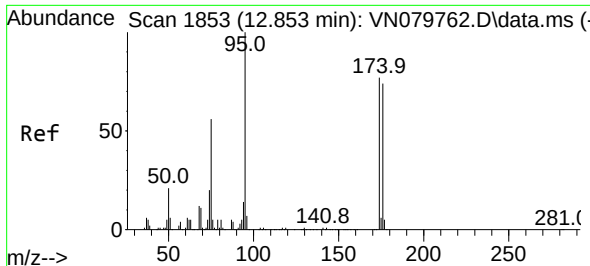
Tgt Ion: 98 Resp: 603078

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

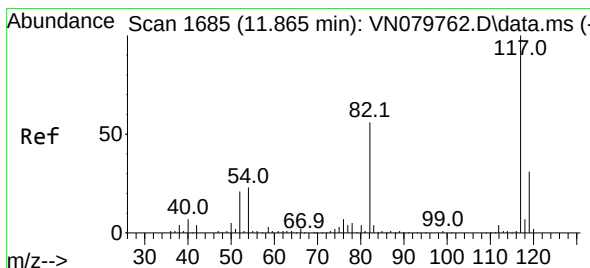
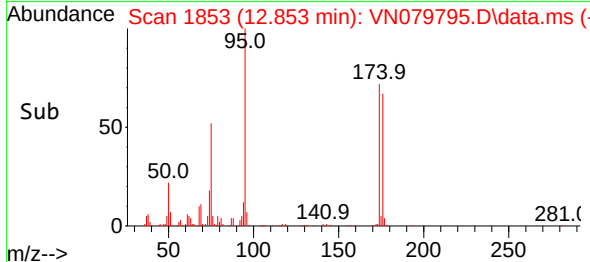
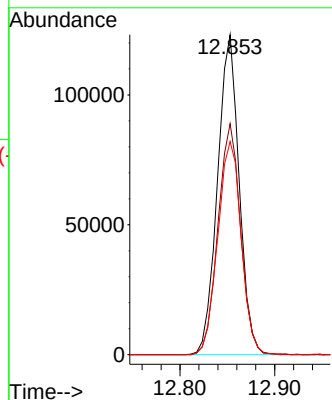
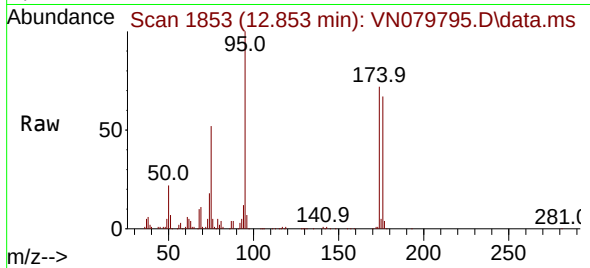




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079795.D
Acq: 02 Nov 2023 14:23

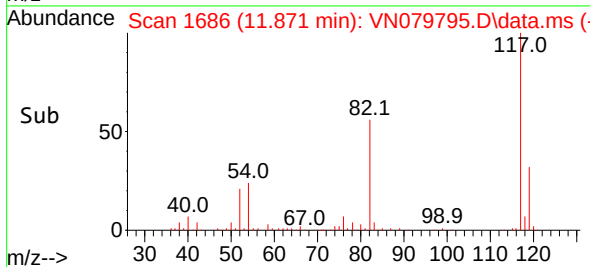
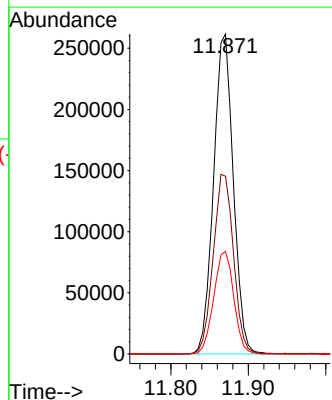
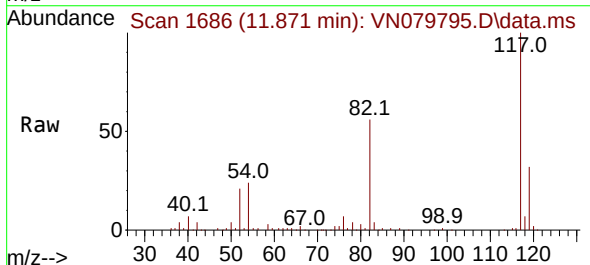
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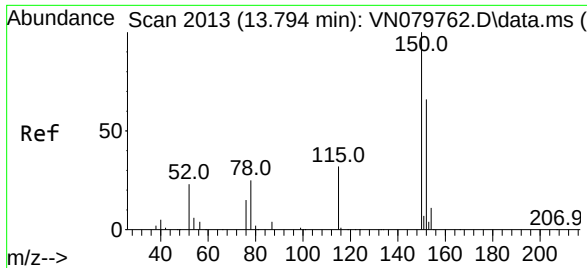
Tgt Ion: 95 Resp: 195721
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079795.D
Acq: 02 Nov 2023 14:23

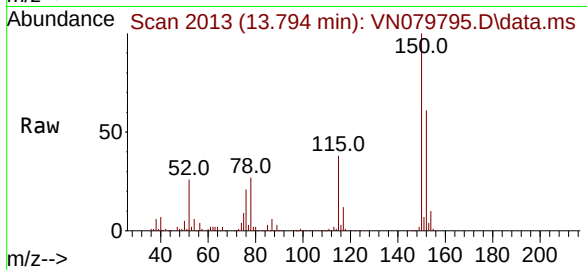
Tgt Ion: 117 Resp: 463310
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079795.D
 Acq: 02 Nov 2023 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-TB01



Tgt Ion:152 Resp: 178205
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 157.9 0.0 355.8

