

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080395.D
 Acq On : 06 Dec 2023 18:44
 Operator : JC\MD
 Sample : 05650-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50195

Quant Time: Dec 07 01:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

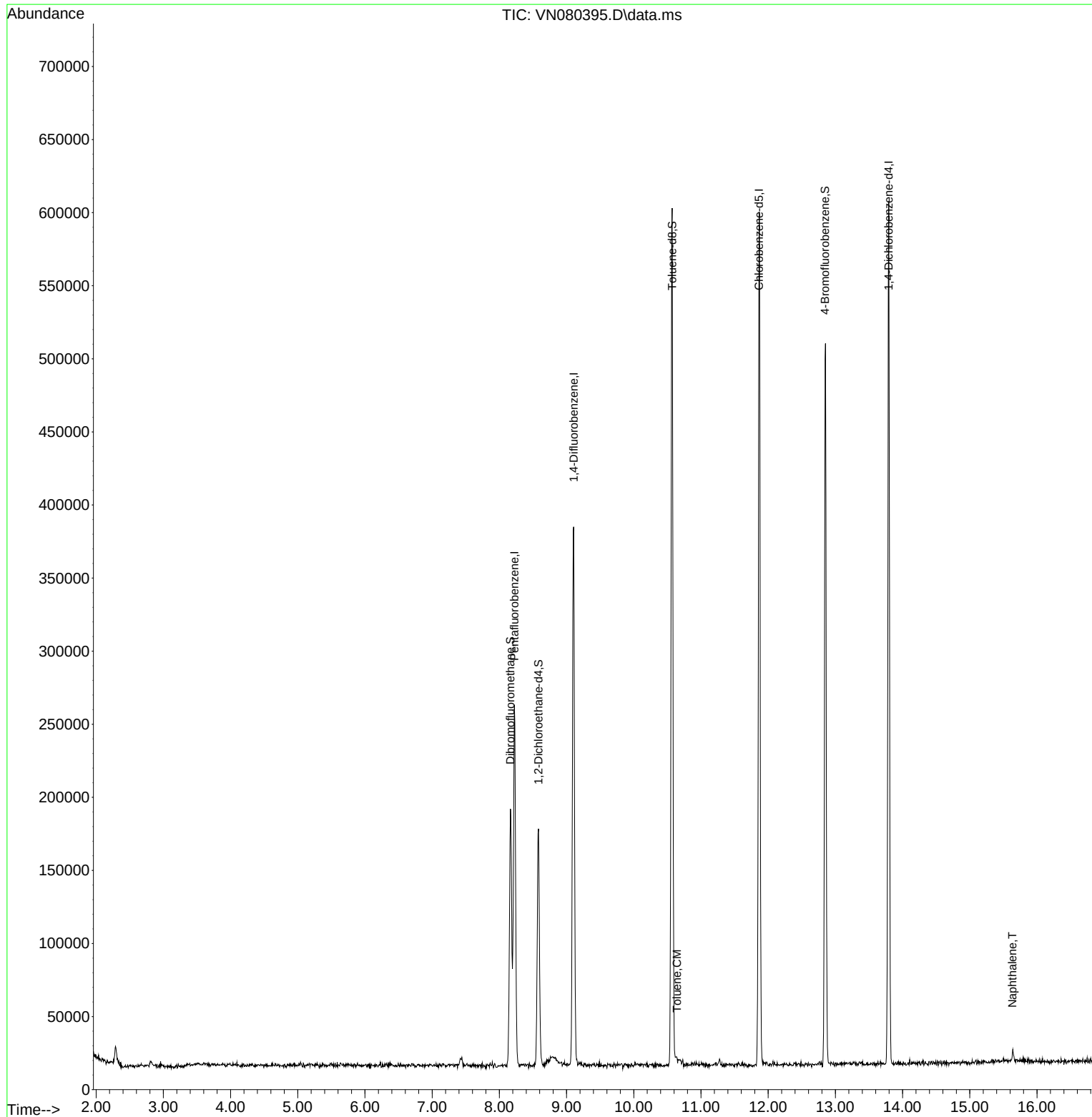
Internal Standards						
1) Pentafluorobenzene	8.224	168	170527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149874	53.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.460%	
35) Dibromofluoromethane	8.165	113	121915	52.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	10.571	98	419962	49.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.847	95	169117	53.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
52) Toluene	10.641	92	2510	0.417	ug/l	86
95) Naphthalene	15.635	128	6285	0.707	ug/l	98

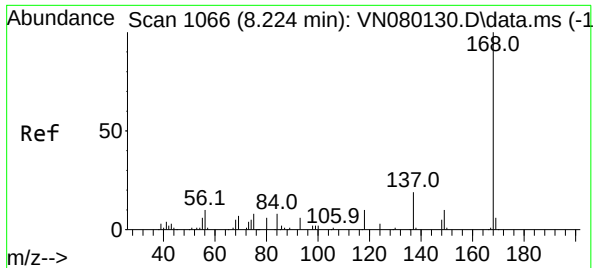
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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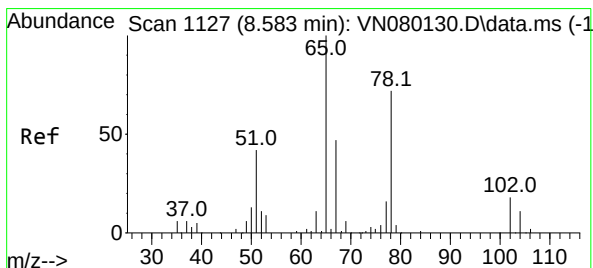
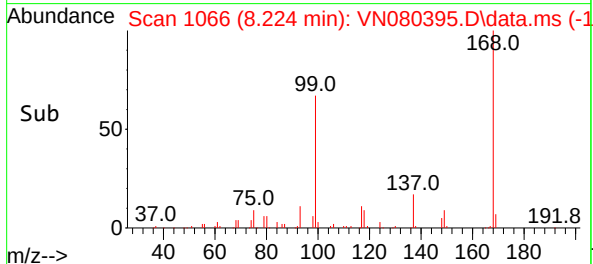
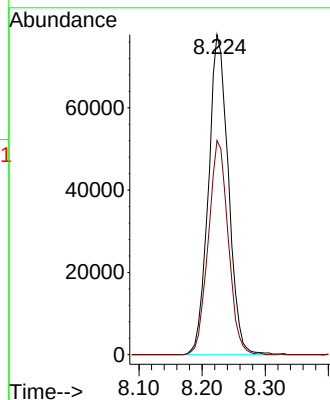
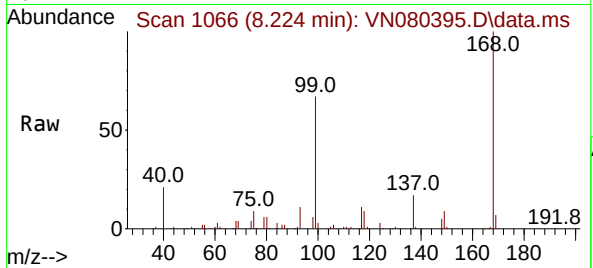




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

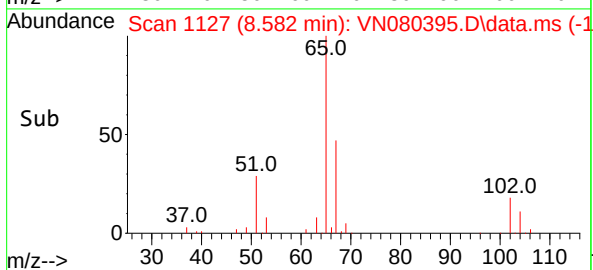
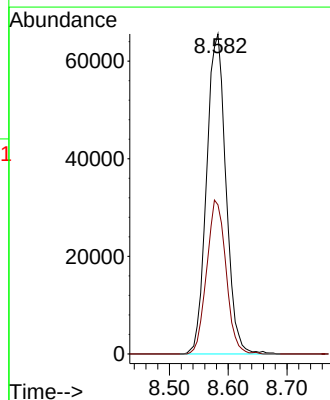
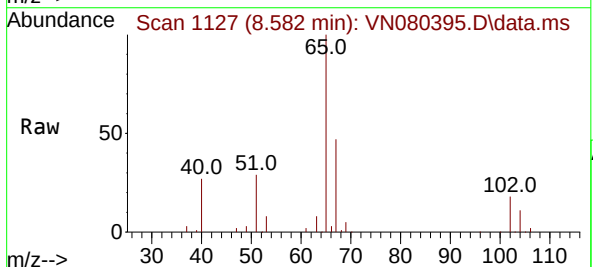
Instrument :
MSVOA_N
ClientSampleId :
50195

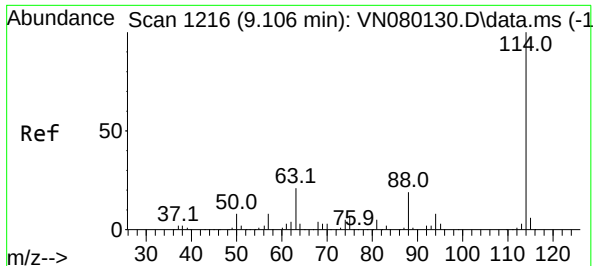
Tgt Ion:168 Resp: 170527
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.229 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

Tgt Ion: 65 Resp: 149874
Ion Ratio Lower Upper
65 100
67 48.0 0.0 106.6

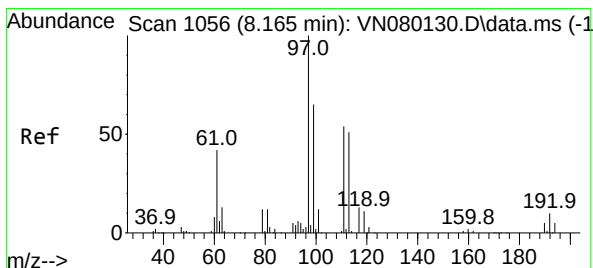
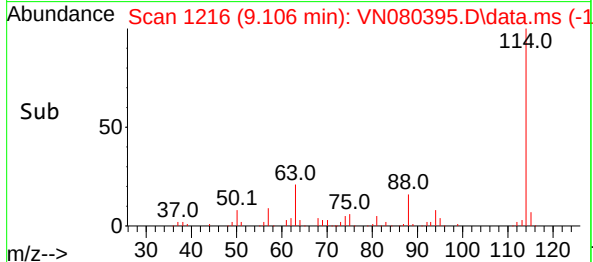
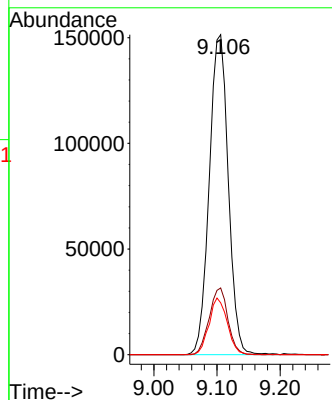
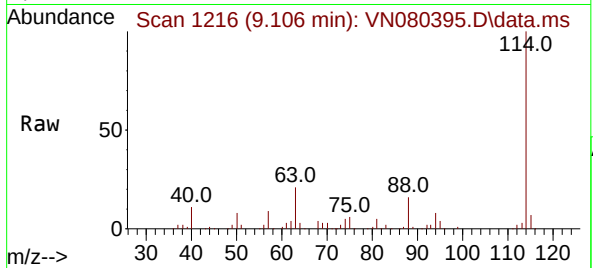




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

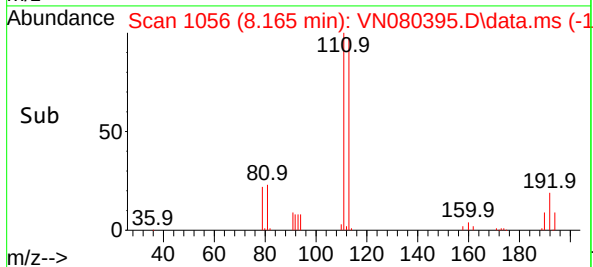
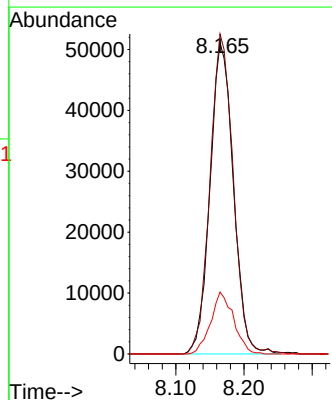
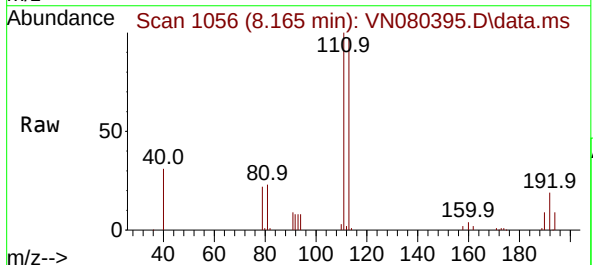
Instrument :
MSVOA_N
ClientSampleId :
50195

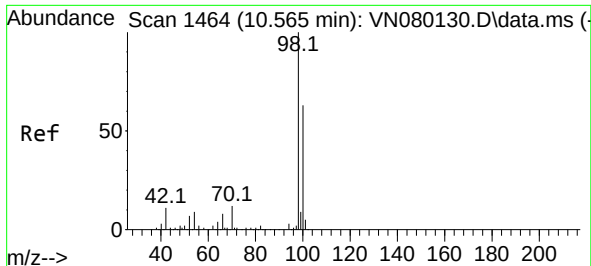
Tgt Ion:114 Resp: 316572
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

Tgt Ion:113 Resp: 121915
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.5 12.7 19.1#

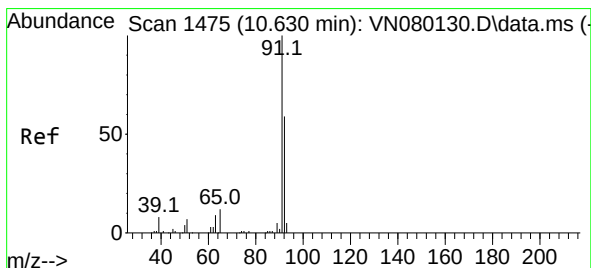
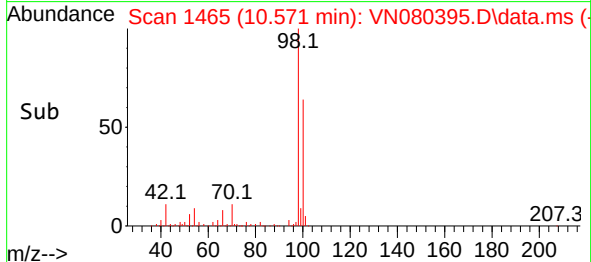
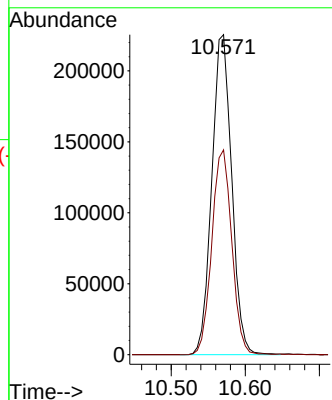
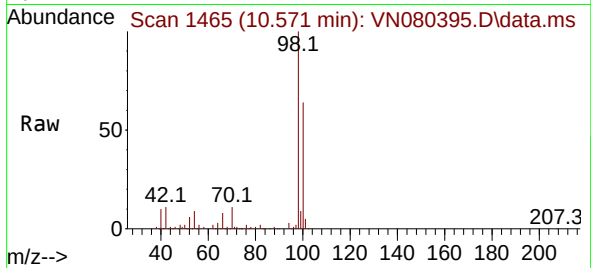




#50
Toluene-d8
Concen: 49.874 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

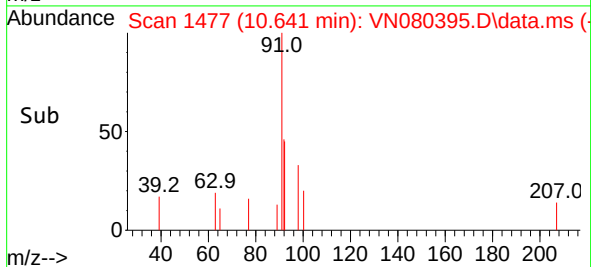
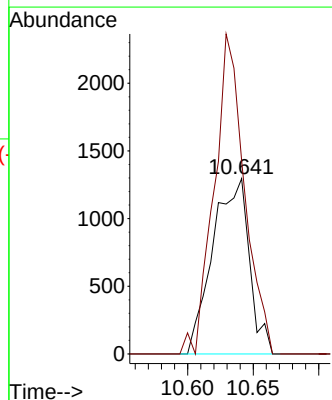
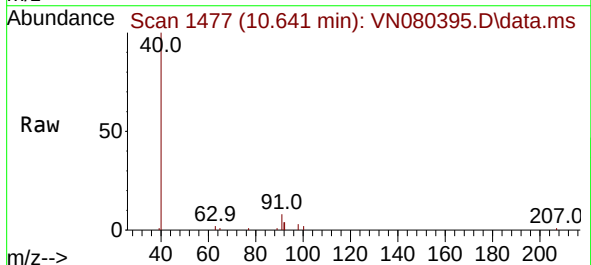
Instrument :
MSVOA_N
ClientSampleId :
50195

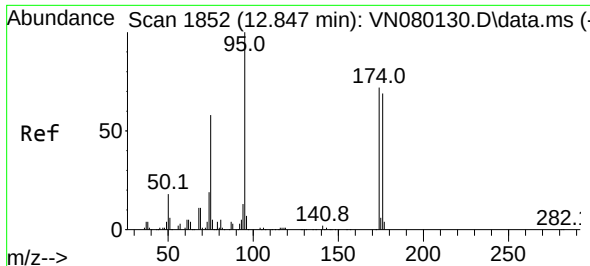
Tgt Ion: 98 Resp: 419962
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#52
Toluene
Concen: 0.417 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

Tgt Ion: 92 Resp: 2510
Ion Ratio Lower Upper
92 100
91 152.0 137.4 206.0

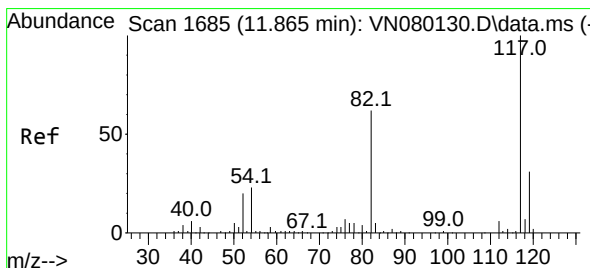
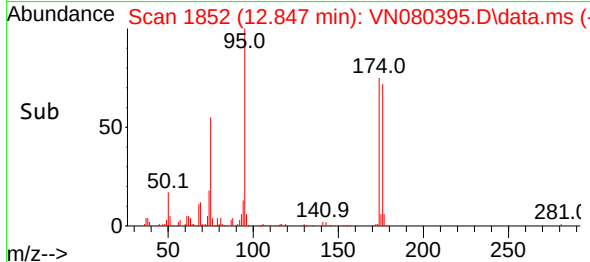
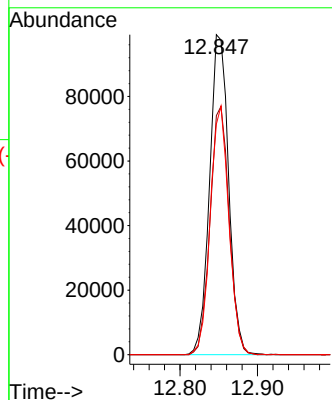
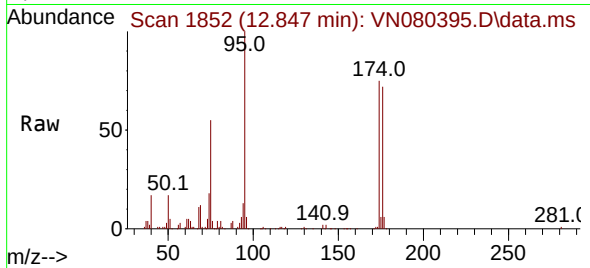




#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

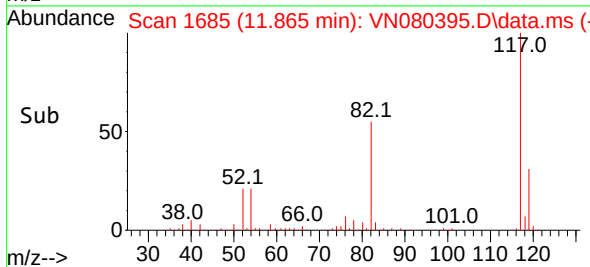
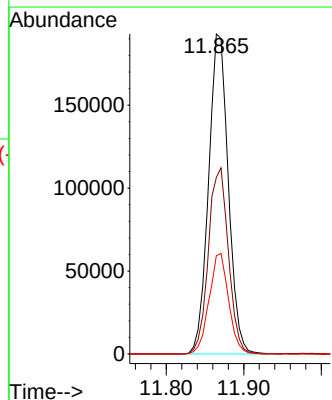
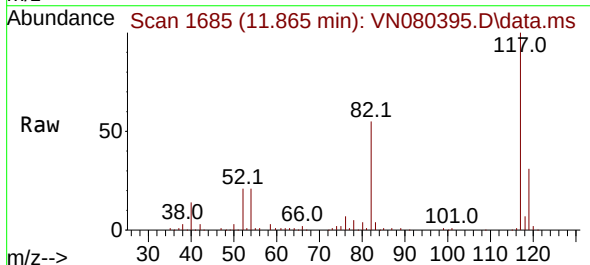
Instrument :
MSVOA_N
ClientSampleId :
50195

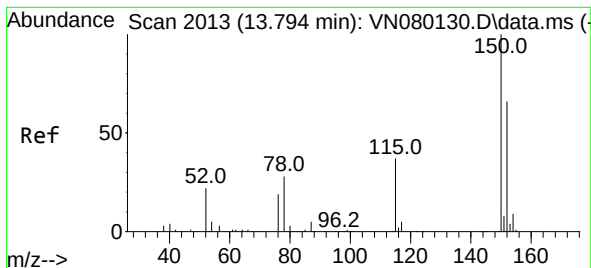
Tgt Ion: 95 Resp: 169117
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 76.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080395.D
Acq: 06 Dec 2023 18:44

Tgt Ion: 117 Resp: 341703
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 30.7 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: VN080395.D

Acq: 06 Dec 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

50195

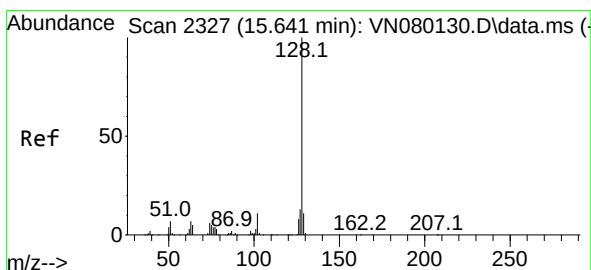
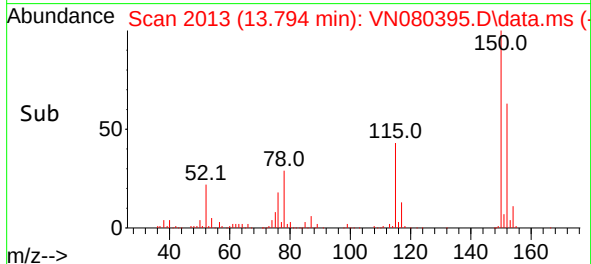
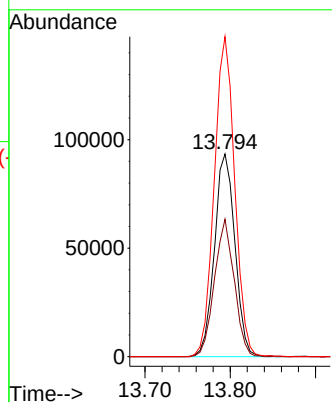
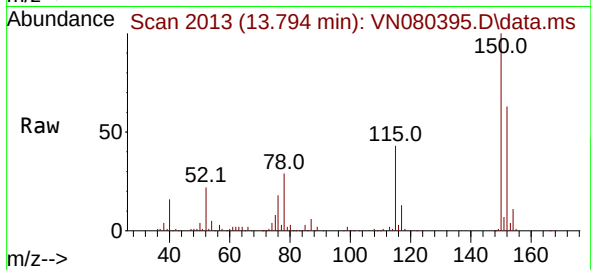
Tgt Ion:152 Resp: 155951

Ion Ratio Lower Upper

152 100

115 65.5 32.3 96.8

150 157.5 0.0 355.8



#95

Naphthalene

Concen: 0.707 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN080395.D

Acq: 06 Dec 2023 18:44

Tgt Ion:128 Resp: 6285

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 12.0 8.7 13.1

