

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079074.D
 Acq On : 28 Aug 2023 18:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 29 07:54:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

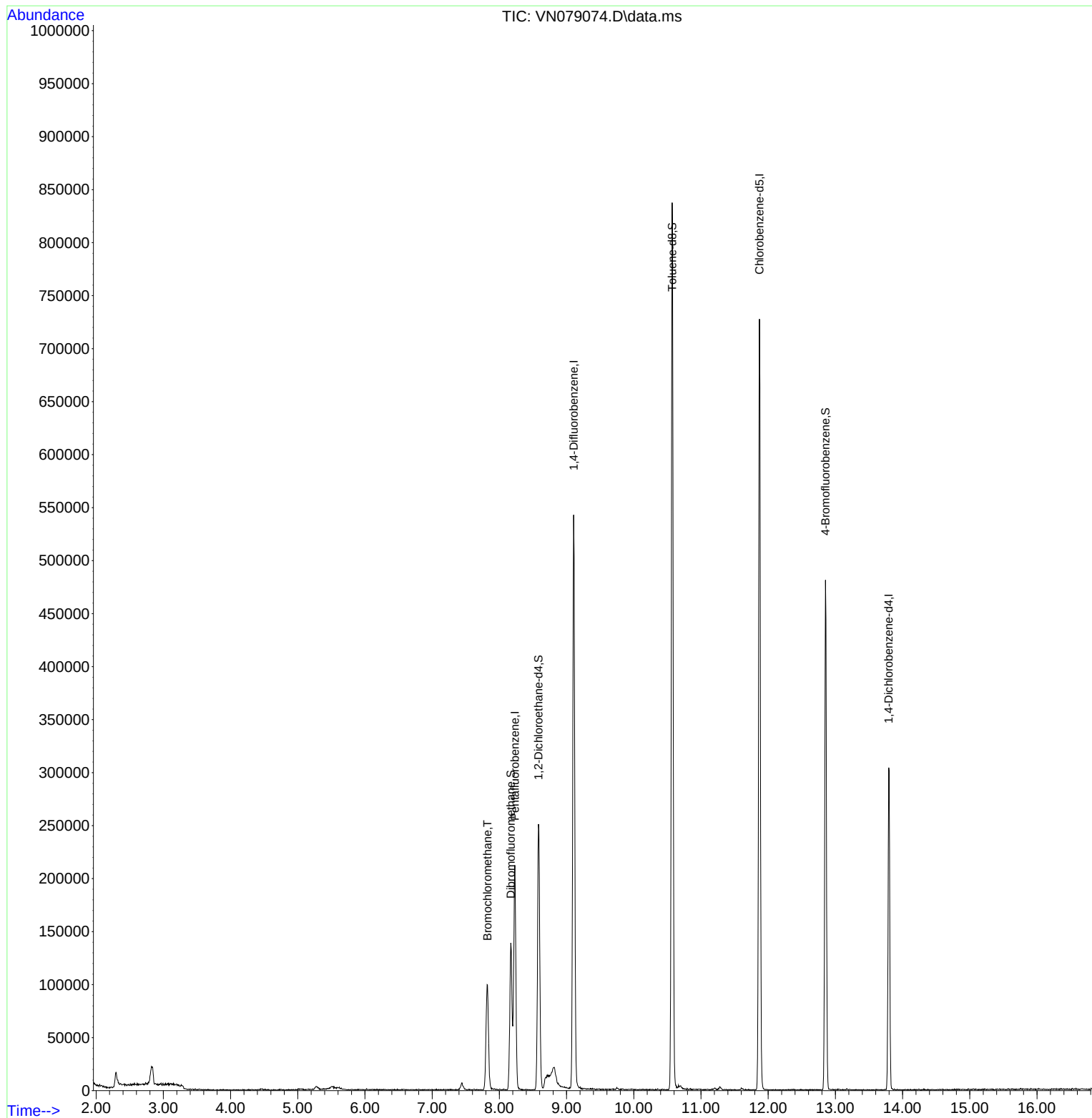
Internal Standards						
1) Pentafluorobenzene	8.229	168	150146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	451951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	413032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201424	86.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	172.420%#
35) Dibromofluoromethane	8.171	113	96935	31.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	63.720%#
50) Toluene-d8	10.570	98	557221	49.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.853	95	160125	43.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.740%
Target Compounds						
					Qvalue	
28) Bromochloromethane	7.824	49	63178	32.121	ug/l #	77

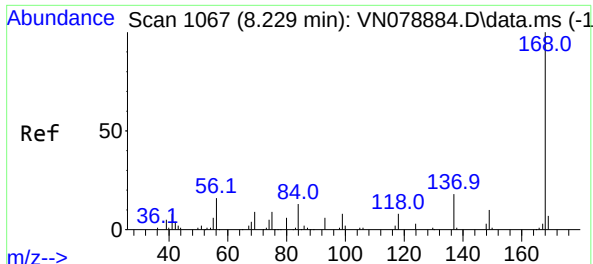
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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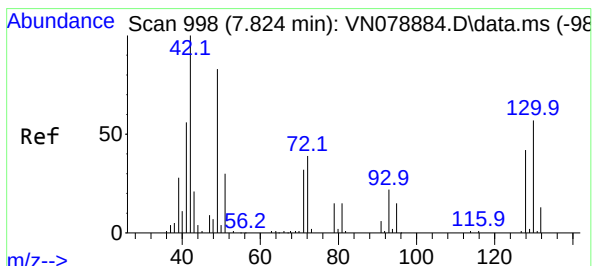
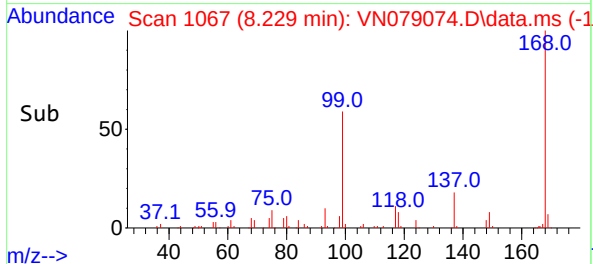
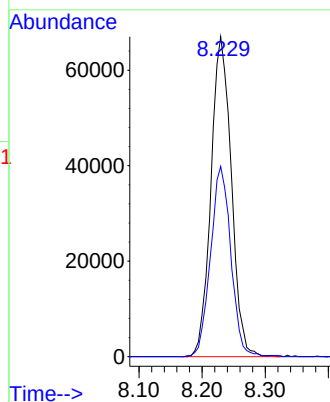
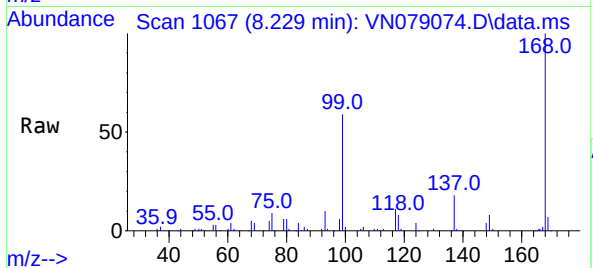




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

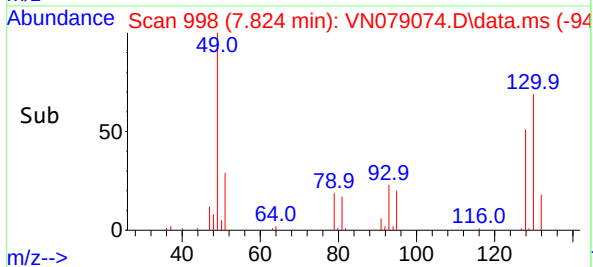
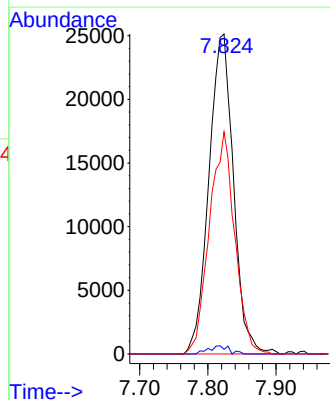
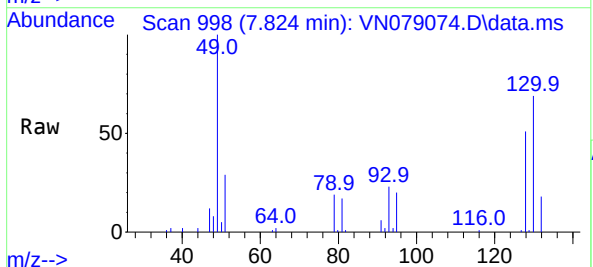
Instrument :
MSVOA_N
ClientSampleId :
IBLK

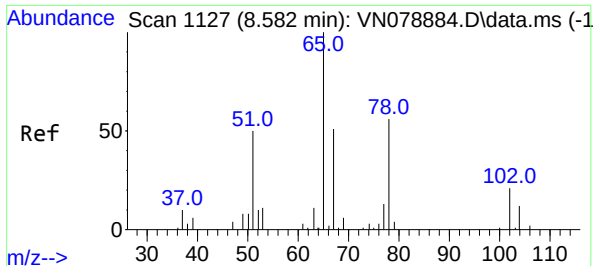
Tgt Ion:168 Resp: 150146
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#28
Bromochloromethane
Concen: 32.121 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 49 Resp: 63178
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 71.4 75.3 112.9#

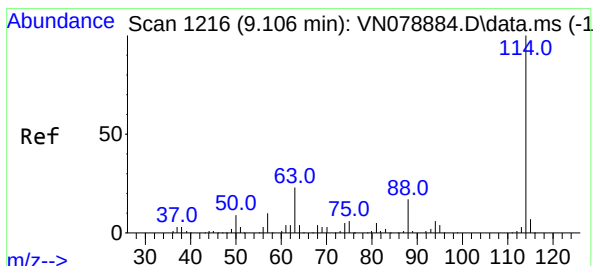
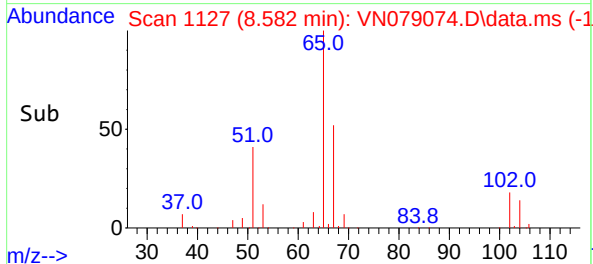
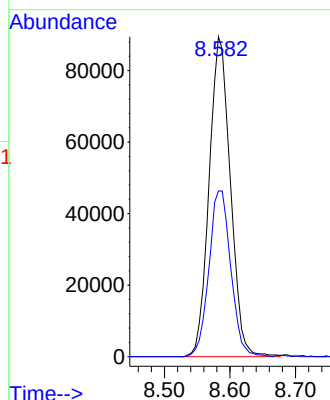
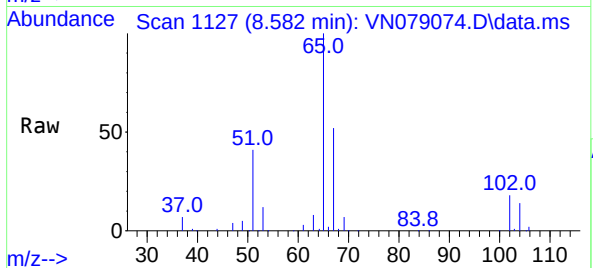




#33
1,2-Dichloroethane-d4
Concen: 86.211 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

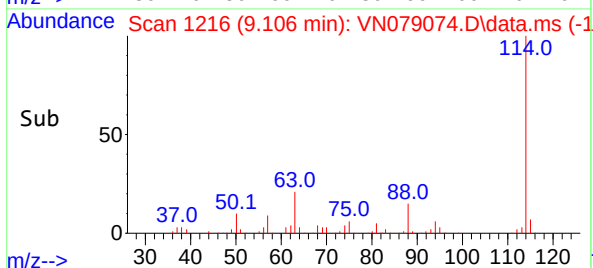
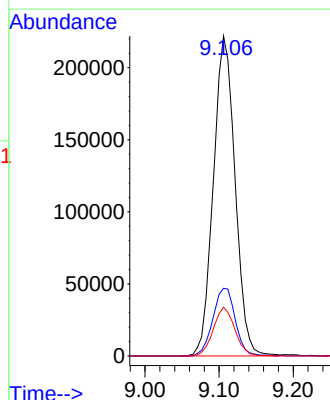
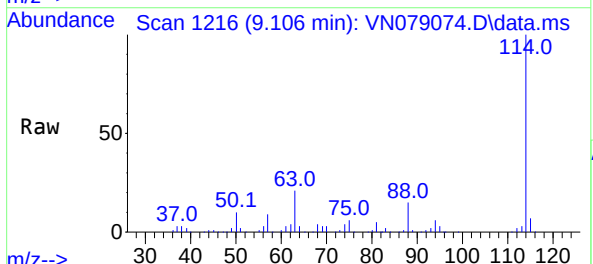
Instrument :
MSVOA_N
ClientSampleId :
IBLK

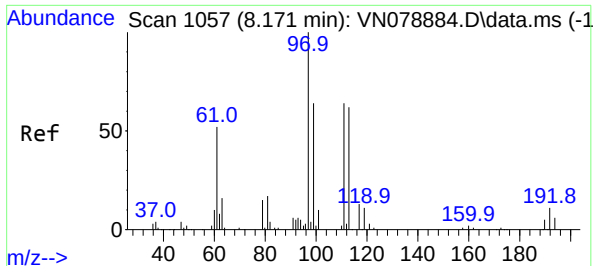
Tgt Ion: 65 Resp: 201424
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 114 Resp: 451951
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.2 0.0 30.6

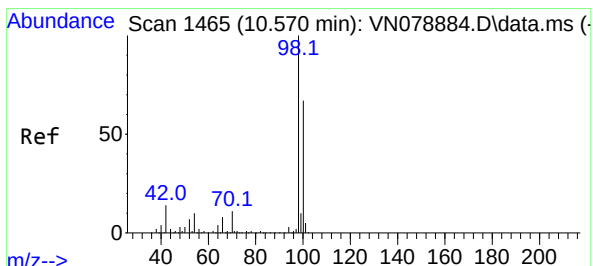
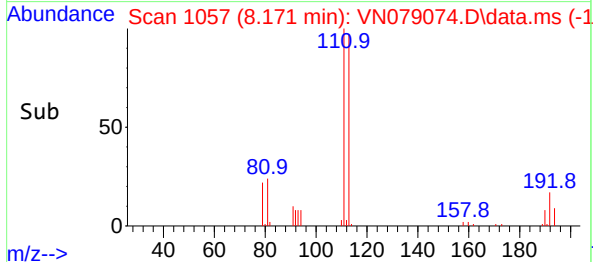
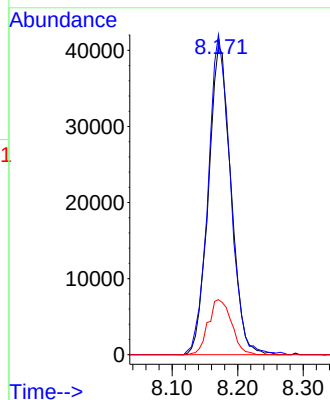
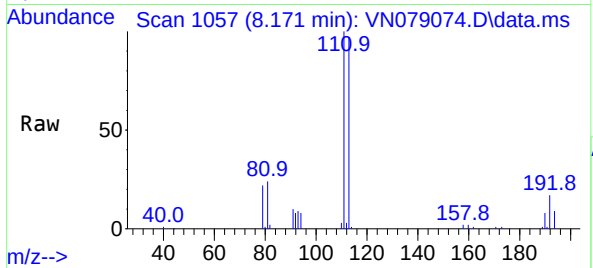




#35
Dibromofluoromethane
Concen: 31.862 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

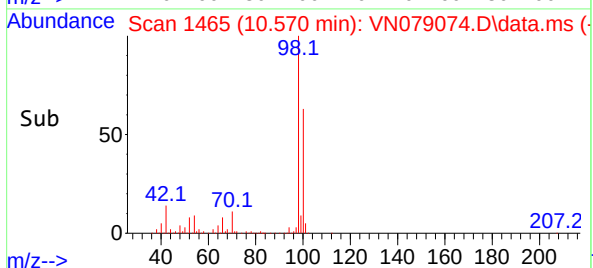
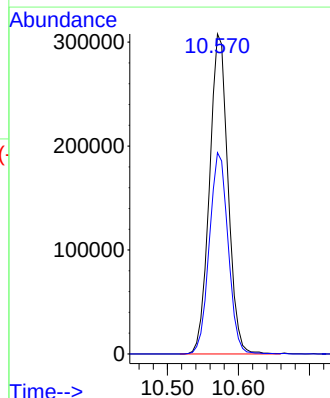
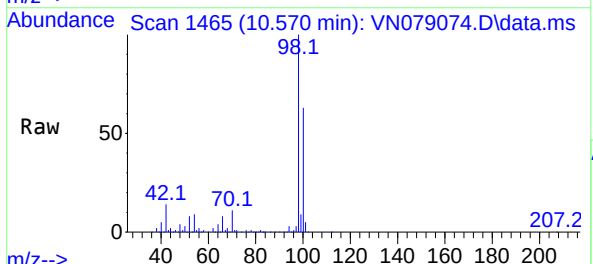
Instrument :
MSVOA_N
ClientSampleId :
IBLK

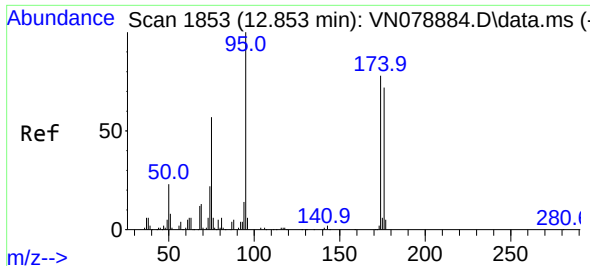
Tgt Ion:113 Resp: 96935
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.3 12.7 19.1



#50
Toluene-d8
Concen: 49.328 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 98 Resp: 557221
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

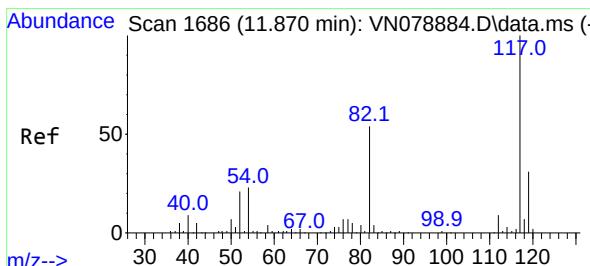
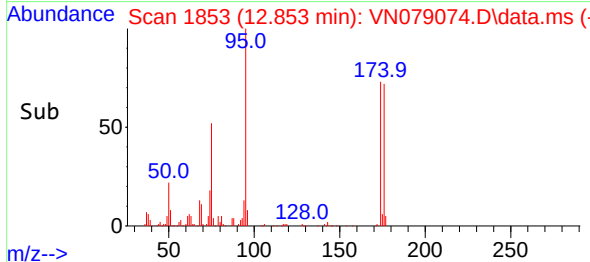
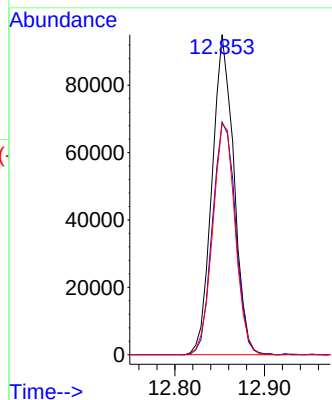
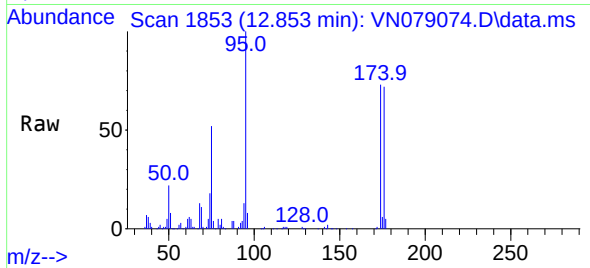




#62
4-Bromofluorobenzene
Concen: 43.367 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

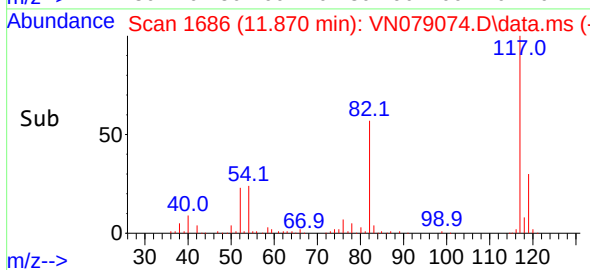
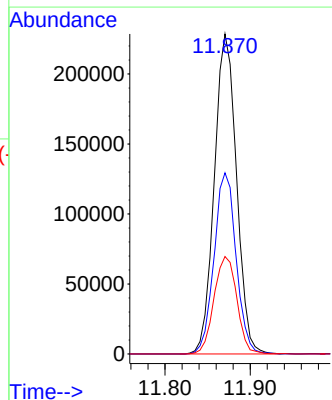
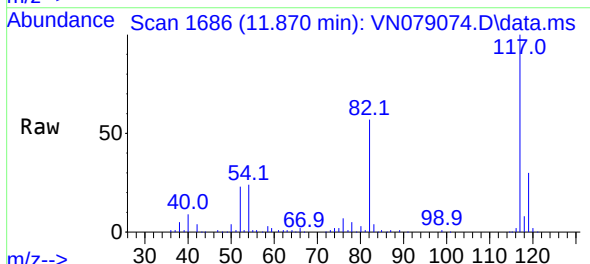
Instrument :
MSVOA_N
ClientSampleId :
IBLK

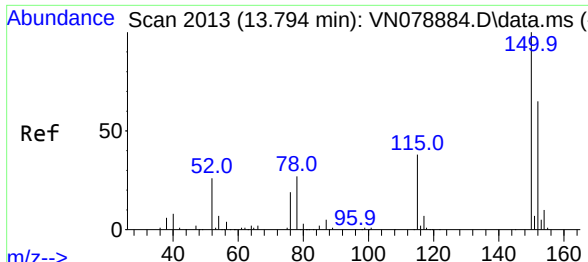
Tgt Ion: 95 Resp: 160125
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 117 Resp: 413032
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 30.5 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: VN079074.D
 Acq: 28 Aug 2023 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 79254
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 159.5 0.0 355.8

