

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080349.D
 Acq On : 04 Dec 2023 19:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 05 04:22:22 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)

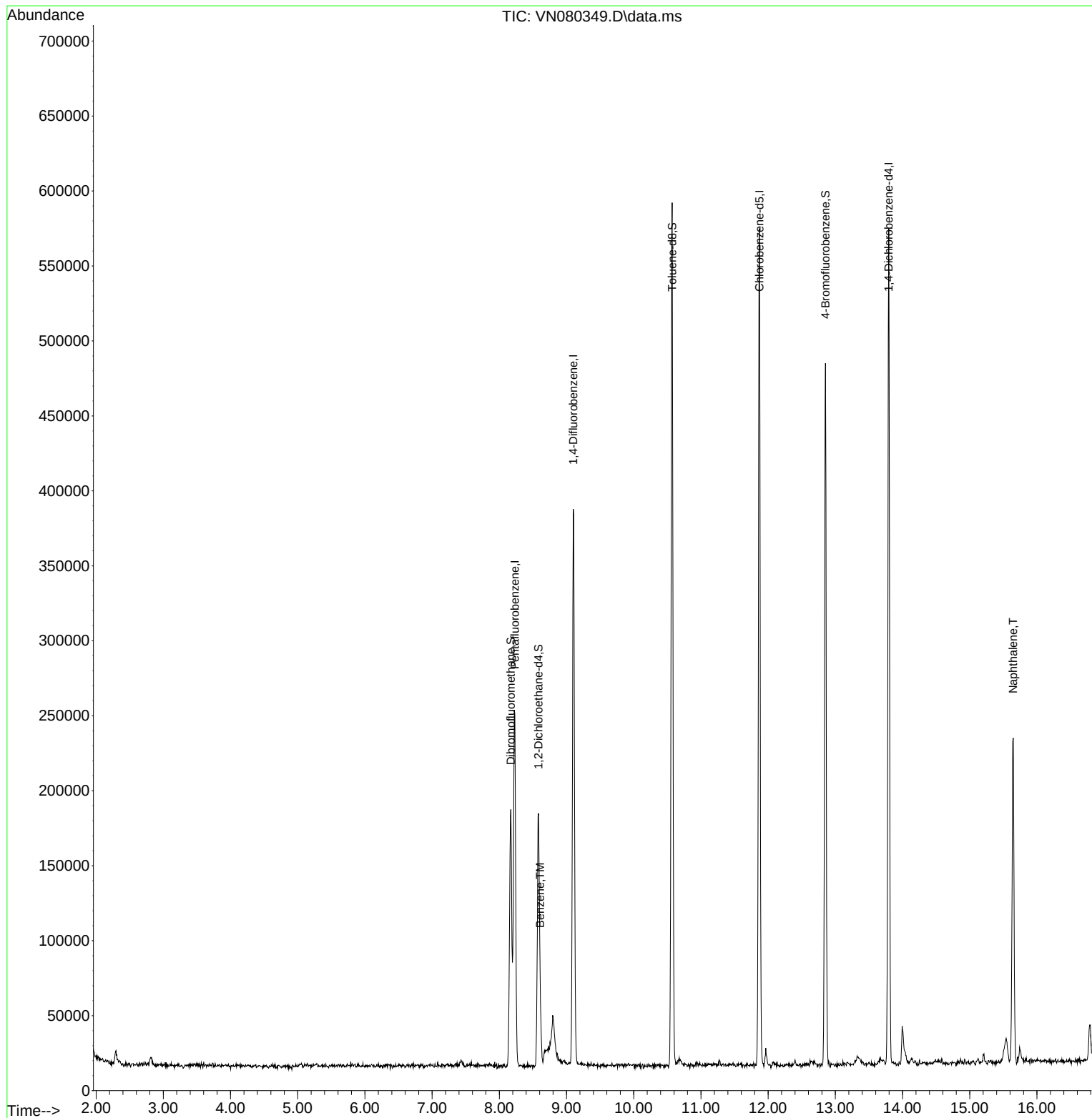
Internal Standards						
1) Pentafluorobenzene	8.230	168	170011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	324741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146347	52.134	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.260%	
35) Dibromofluoromethane	8.171	113	117506	51.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.280%	
50) Toluene-d8	10.571	98	400657	48.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	12.853	95	159350	50.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.860%	
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	26537	2.807	ug/l	95
95) Naphthalene	15.647	128	212797	25.310	ug/l	100

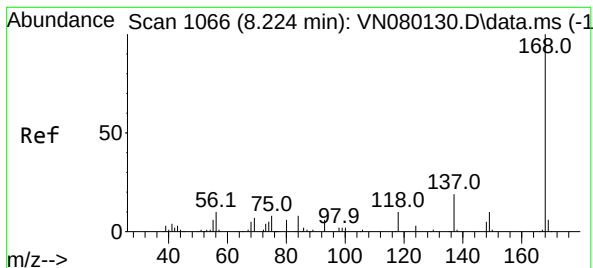
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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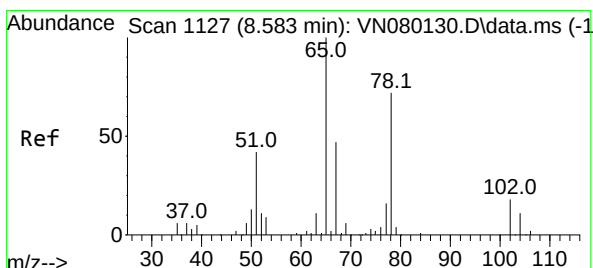
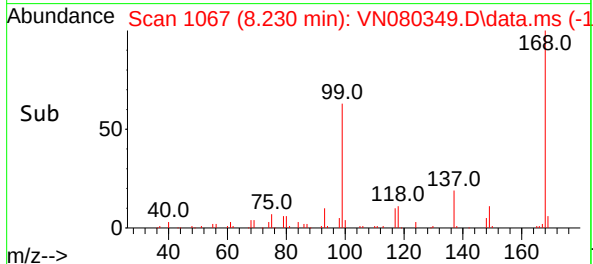
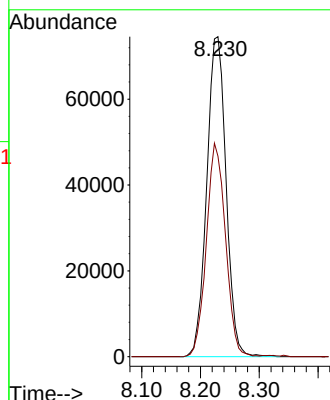
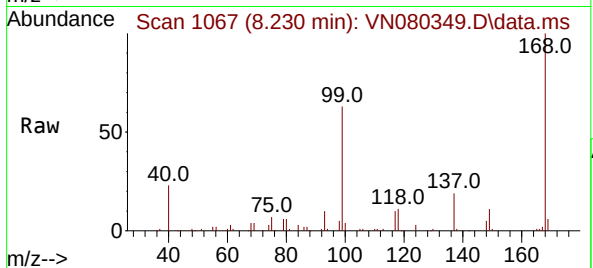




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

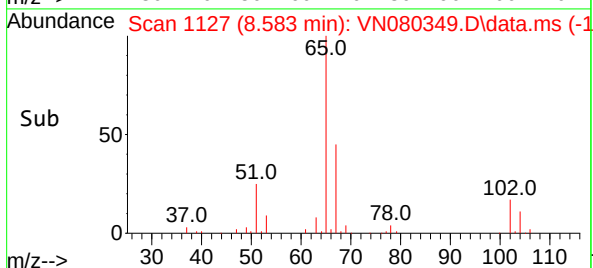
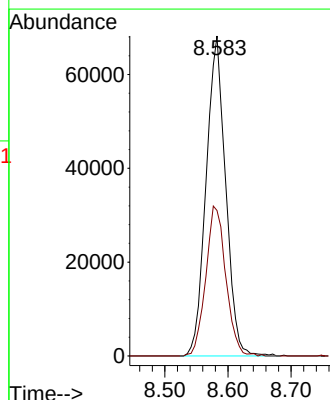
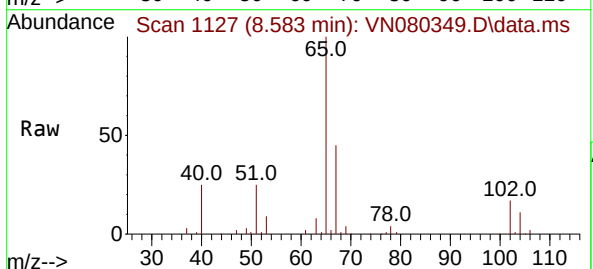
Instrument :
MSVOA_N
ClientSampleId :
IBLK

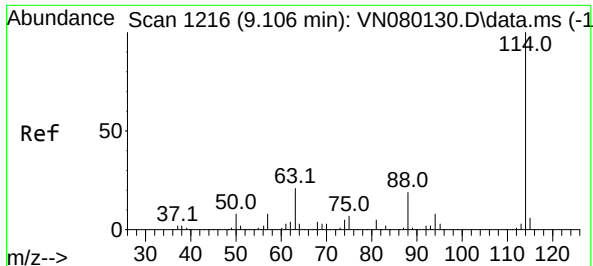
Tgt Ion:168 Resp: 170011
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.134 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

Tgt Ion: 65 Resp: 146347
Ion Ratio Lower Upper
65 100
67 48.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080349.D

Acq: 04 Dec 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

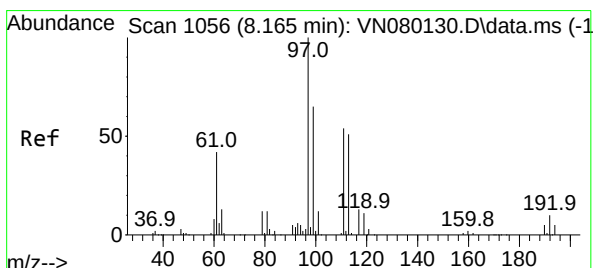
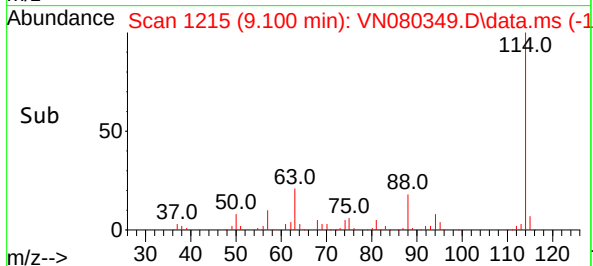
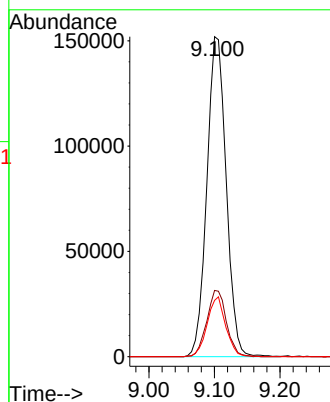
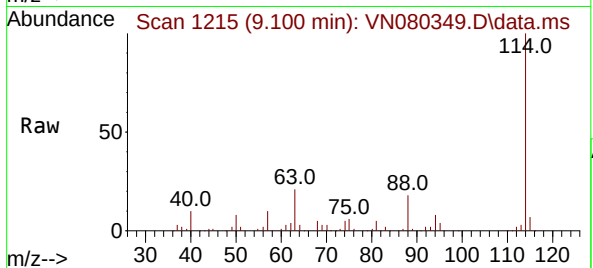
Tgt Ion:114 Resp: 311420

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.137 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080349.D

Acq: 04 Dec 2023 19:32

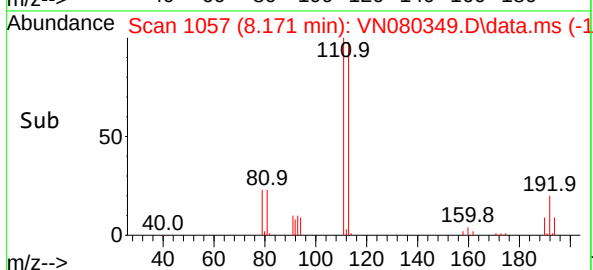
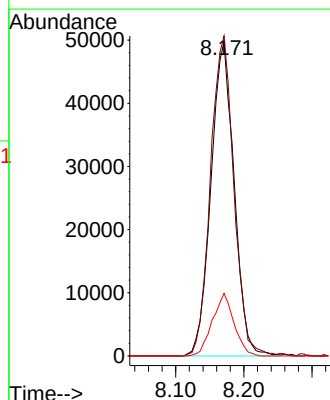
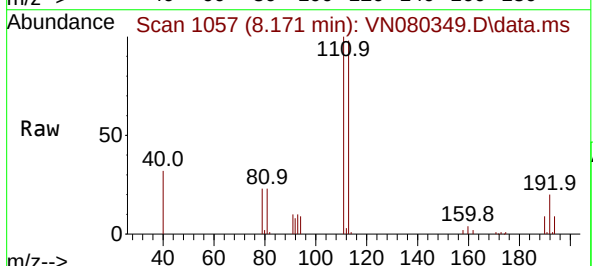
Tgt Ion:113 Resp: 117506

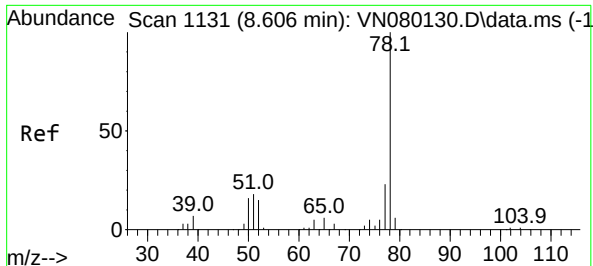
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.6 12.7 19.1

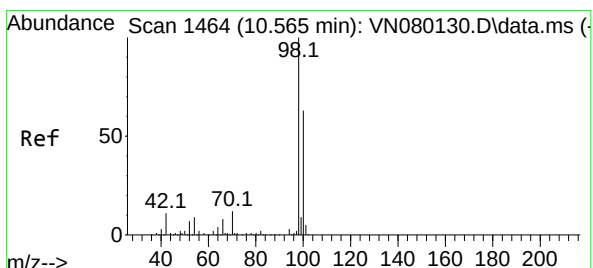
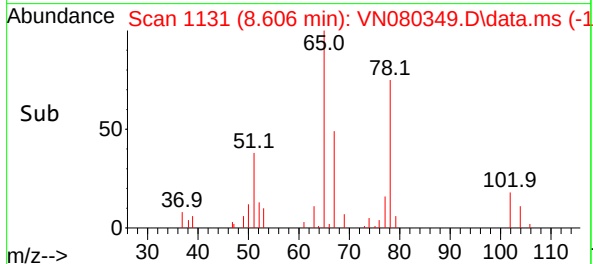
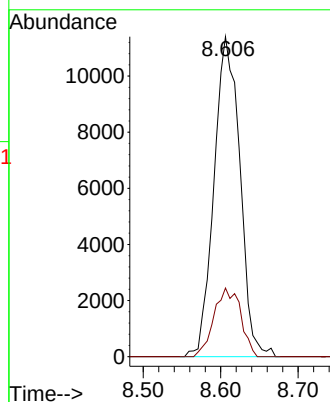
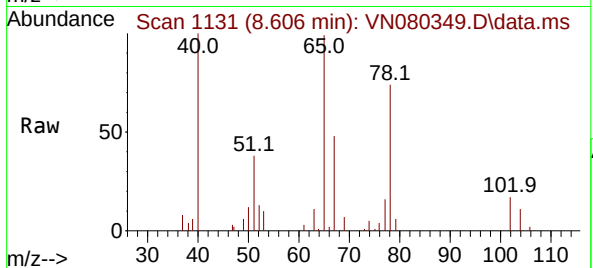




#40
Benzene
Concen: 2.807 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

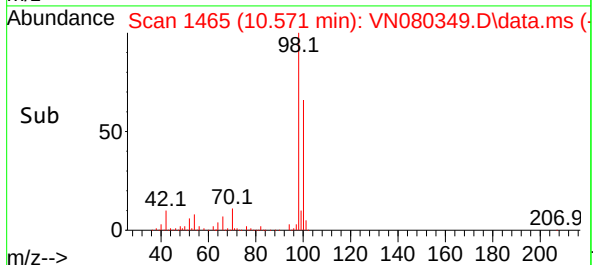
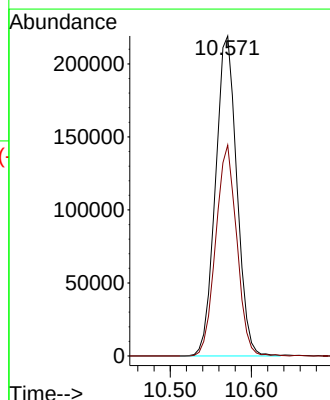
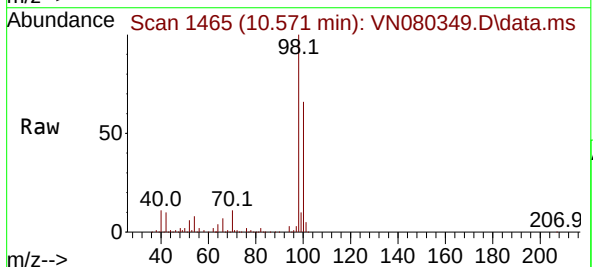
Instrument :
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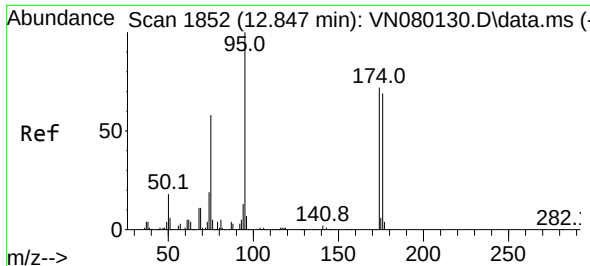
Tgt Ion: 78 Resp: 26537
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.6



#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

Tgt Ion: 98 Resp: 400657
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

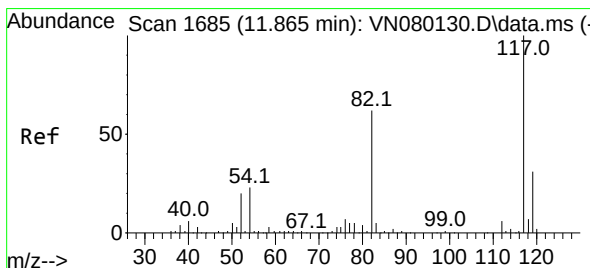
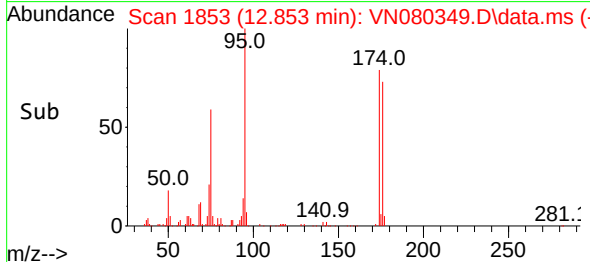
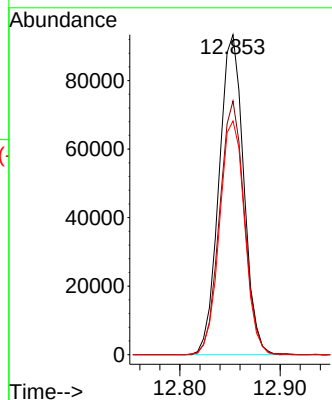
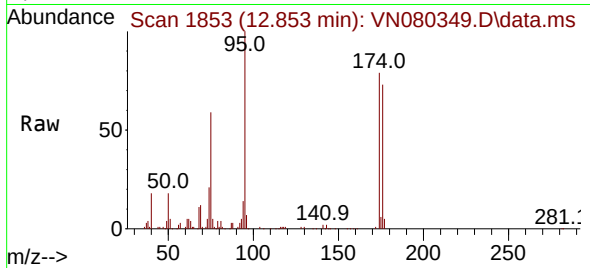




#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

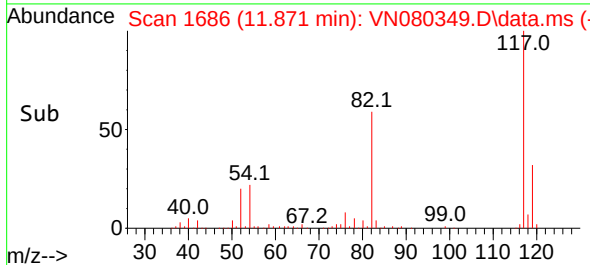
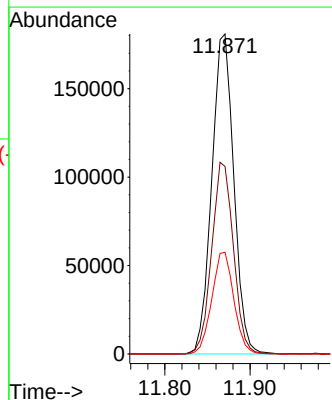
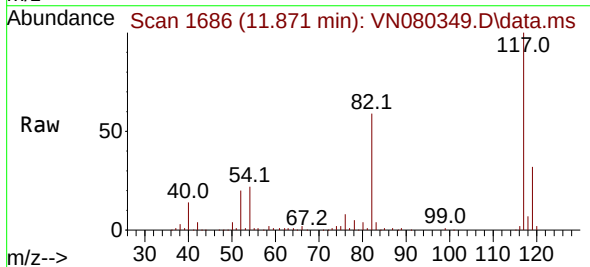
Instrument :
MSVOA_N
ClientSampleId :
IBLK

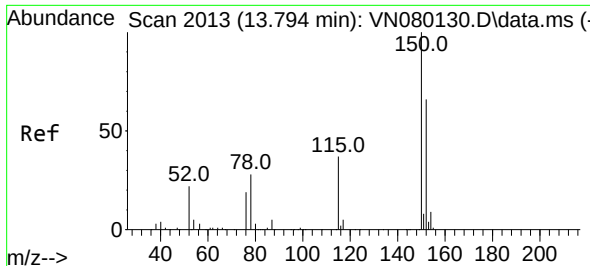
Tgt Ion: 95 Resp: 159350
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080349.D
Acq: 04 Dec 2023 19:32

Tgt Ion: 117 Resp: 324741
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.8 25.6 38.4

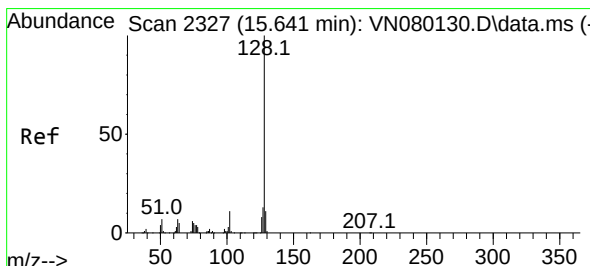
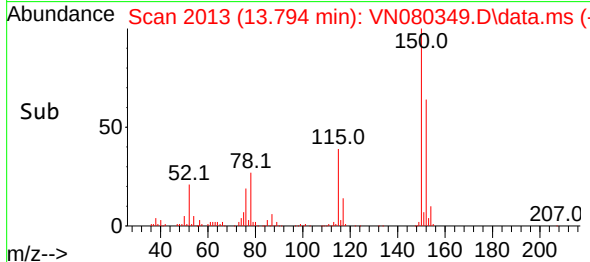
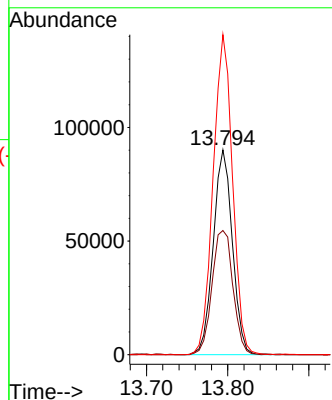
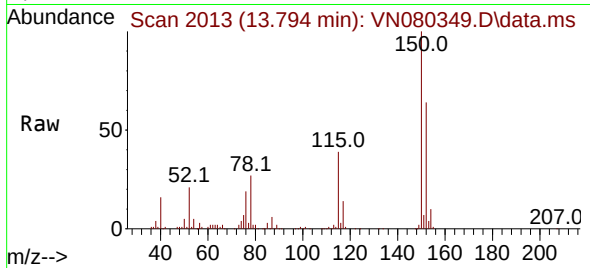




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080349.D
 Acq: 04 Dec 2023 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 147584
 Ion Ratio Lower Upper
 152 100
 115 66.4 32.3 96.8
 150 158.4 0.0 355.8



#95
 Naphthalene
 Concen: 25.310 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN080349.D
 Acq: 04 Dec 2023 19:32

Tgt Ion:128 Resp: 212797
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.0 15.0
 129 10.7 8.7 13.1

