

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080925.D
 Acq On : 06 Feb 2024 18:33
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

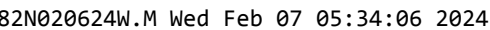
Quant Time: Feb 07 05:33:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

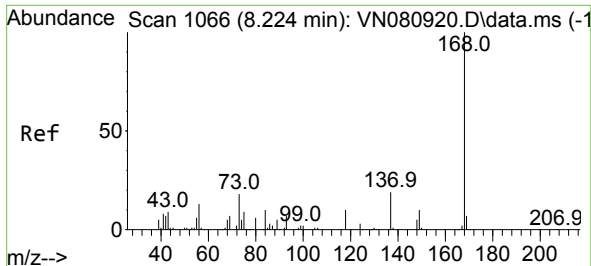
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	200000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183965	72.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 145.820%#	
35) Dibromofluoromethane	8.165	113	168424	71.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 142.320%#	
50) Toluene-d8	10.571	98	719450	84.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 168.080%#	
62) 4-Bromofluorobenzene	12.853	95	258850	83.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 166.460%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	3203	Below Cal	#	88
5) Bromomethane	2.959	94	1181	0.620	ug/l #	75
13) Acrolein	4.195	56	369	0.842	ug/l #	38
15) Acrylonitrile	5.724	53	194	0.204	ug/l #	18
16) Acetone	4.424	43	288	0.347	ug/l #	44
17) Carbon Disulfide	4.724	76	1861	0.344	ug/l #	78
18) Methyl Acetate	5.030	43	1700	Below Cal	#	67
31) Cyclohexane	8.218	56	5430	1.575	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	16604	4.716	ug/l #	43
38) Carbon Tetrachloride	8.224	117	23729	6.574	ug/l #	18
76) 1,2,3-Trichloropropane	12.853	75	140681	28.043	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	140681	79.488	ug/l #	14

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

Quant Time: Feb 07 05:33:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 05:25:05 2024
Response via : Initial Calibration

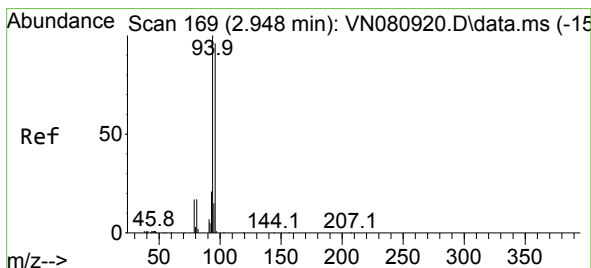
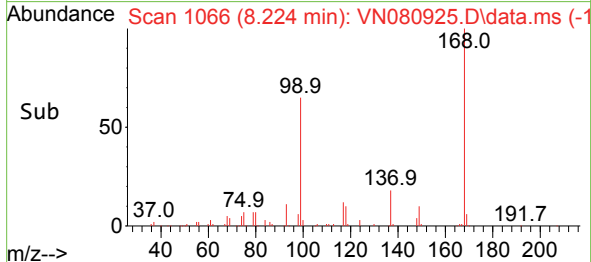
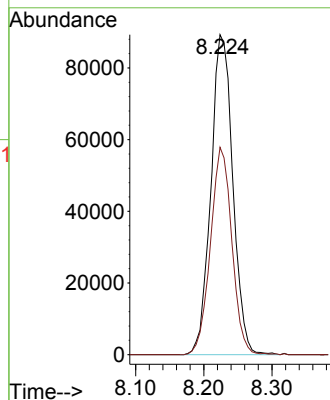
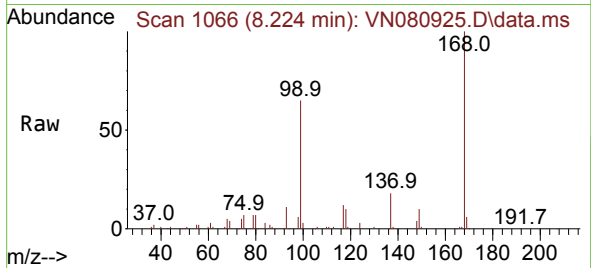




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

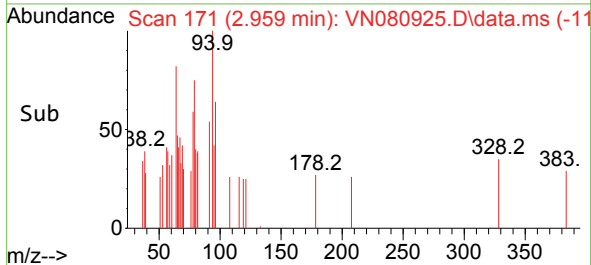
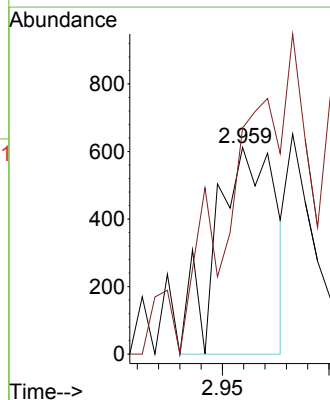
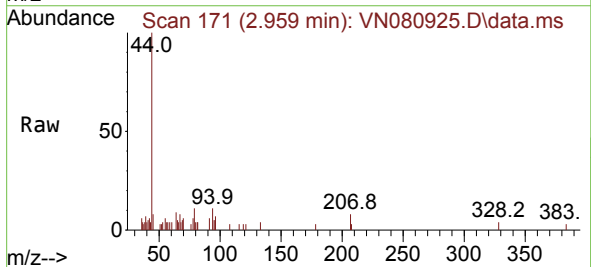
Instrument :
MSVOA_N
ClientSampleId :
IBLK

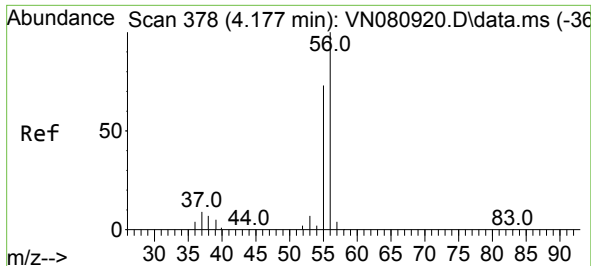
Tgt Ion:168 Resp: 200000
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#5
Bromomethane
Concen: 0.620 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 94 Resp: 1181
Ion Ratio Lower Upper
94 100
96 109.5 69.2 103.8#

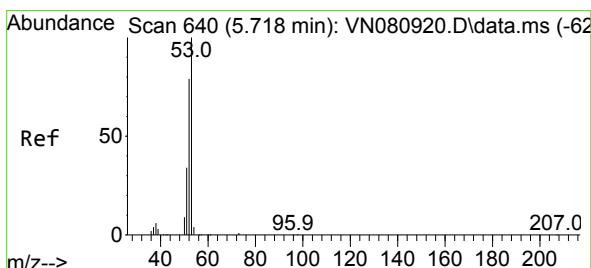
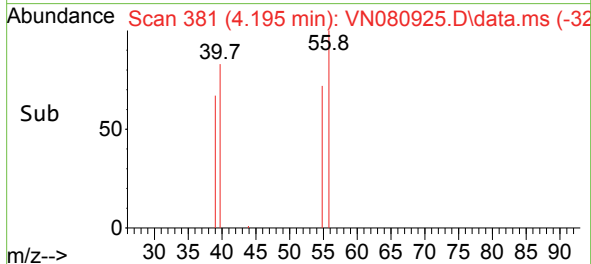
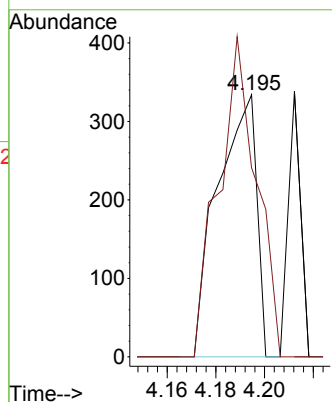
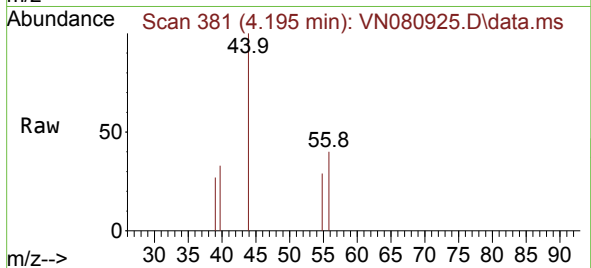




#13
Acrolein
Concen: 0.842 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

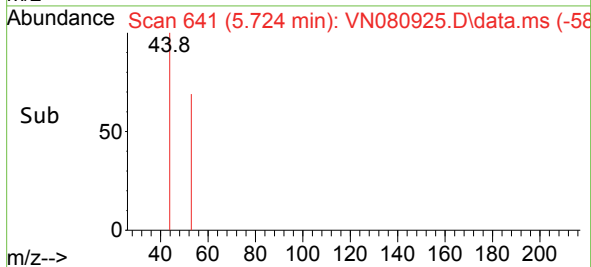
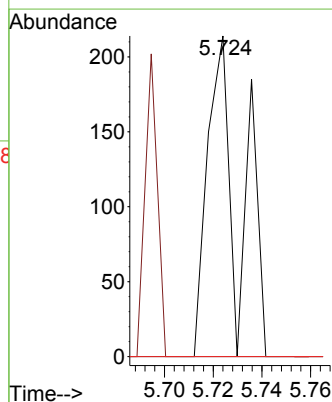
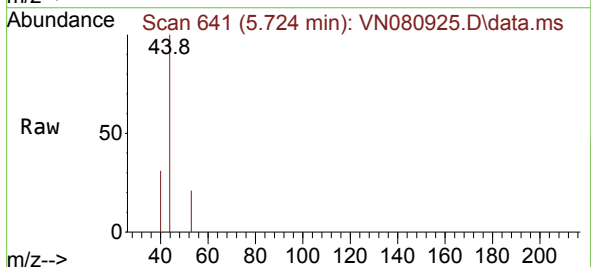
Instrument :
MSVOA_N
ClientSampleId :
IBLK

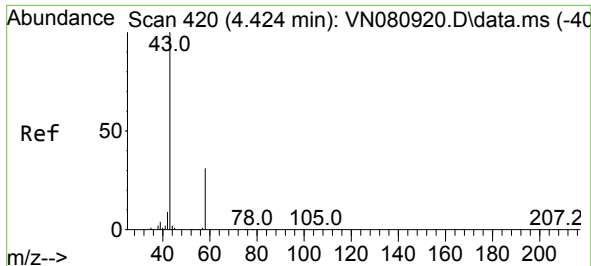
Tgt Ion: 56 Resp: 369
Ion Ratio Lower Upper
56 100
55 119.2 55.3 82.9#



#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 53 Resp: 194
Ion Ratio Lower Upper
53 100
52 0.0 64.8 97.2#
51 0.0 26.9 40.3#

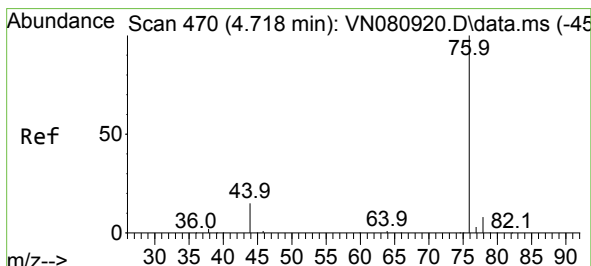
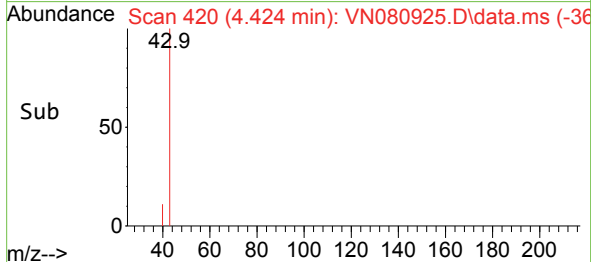
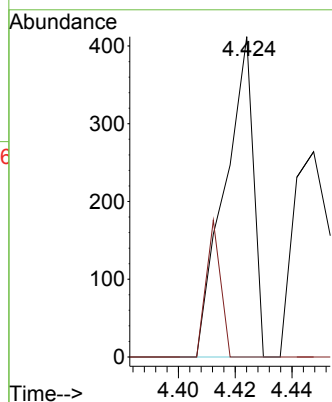
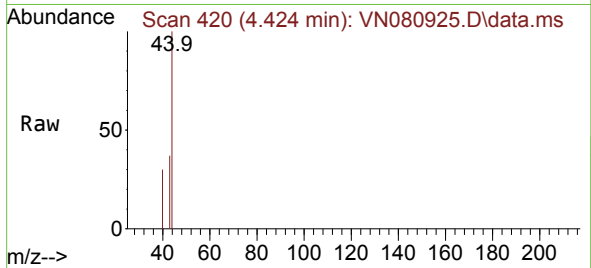




#16
Acetone
Concen: 0.347 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

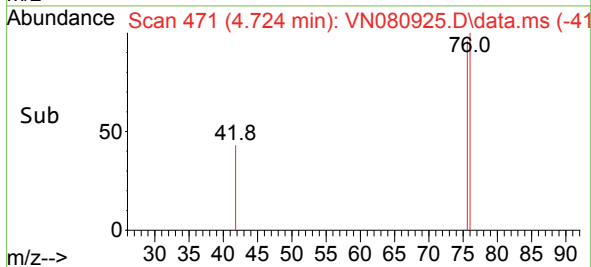
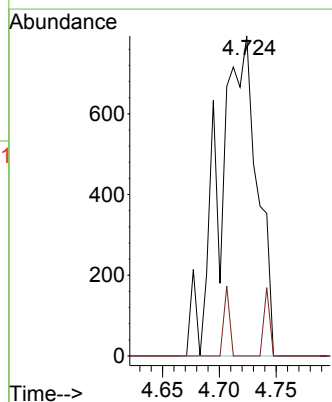
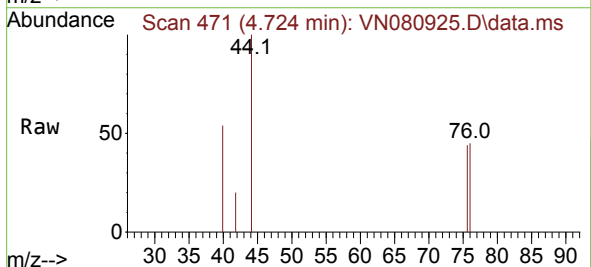
Instrument :
MSVOA_N
ClientSampleId :
IBLK

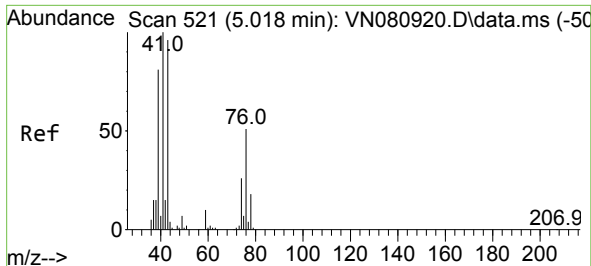
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 76 Resp: 1861
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

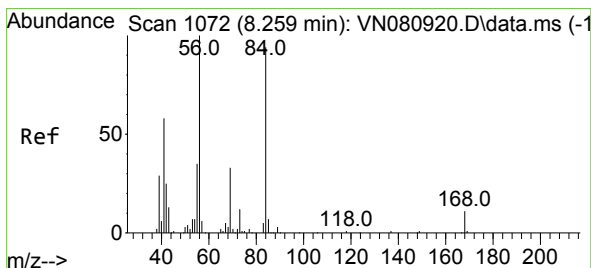
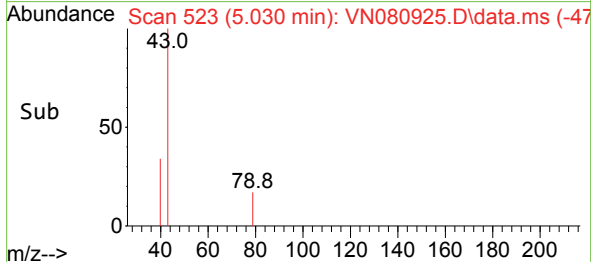
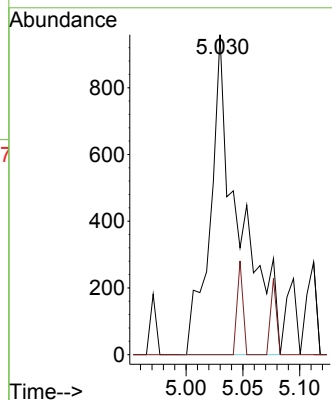
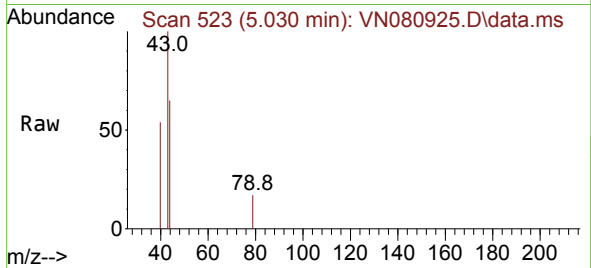




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

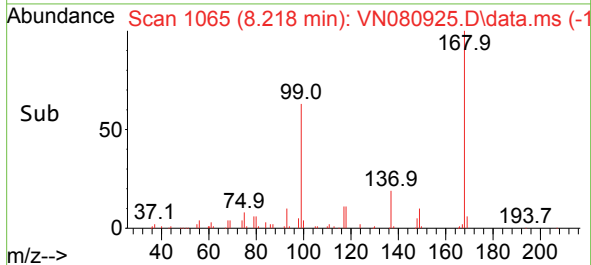
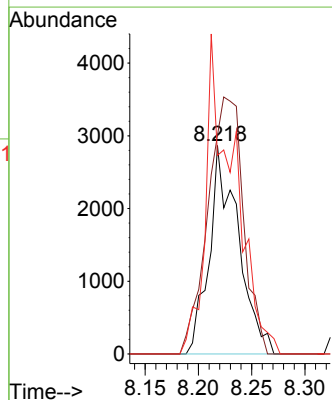
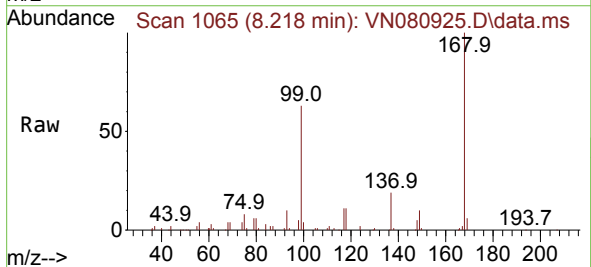
Instrument :
MSVOA_N
ClientSampleId :
IBLK

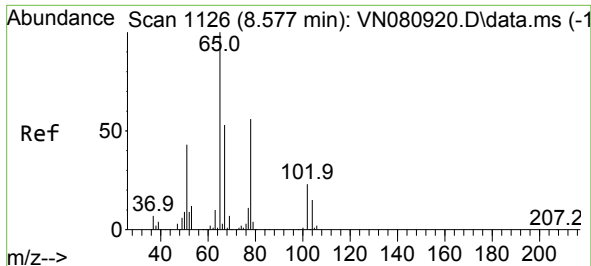
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
74 5.8 17.3 25.9#



#31
Cyclohexane
Concen: 1.575 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 56 Resp: 5430
Ion Ratio Lower Upper
56 100
69 105.0 20.1 30.1#
84 95.3 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 72.915 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

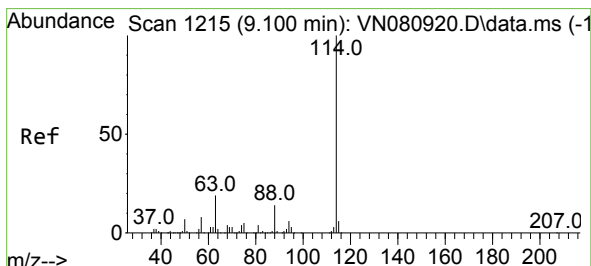
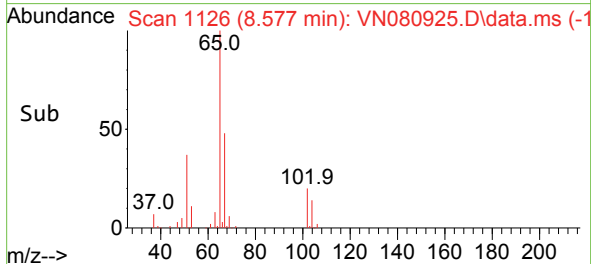
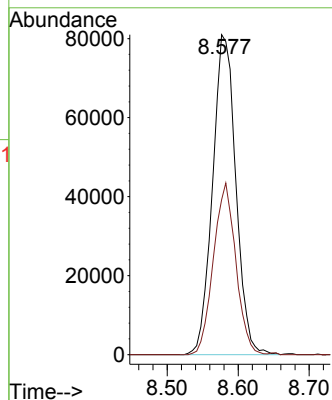
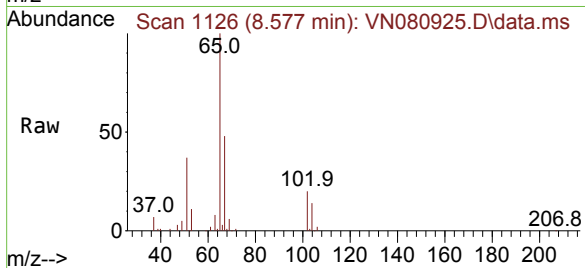
IBLK

Tgt Ion: 65 Resp: 183965

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

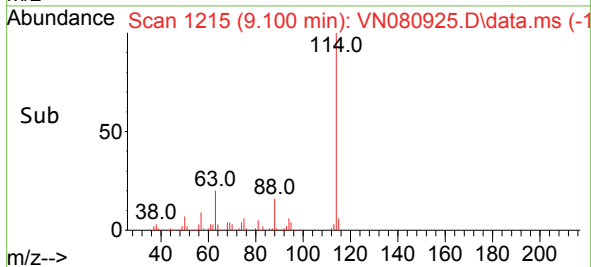
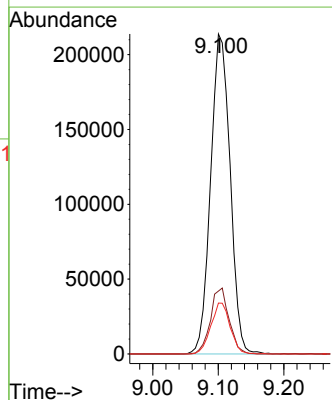
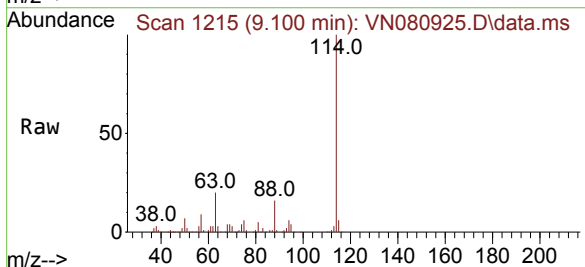
Tgt Ion: 114 Resp: 441062

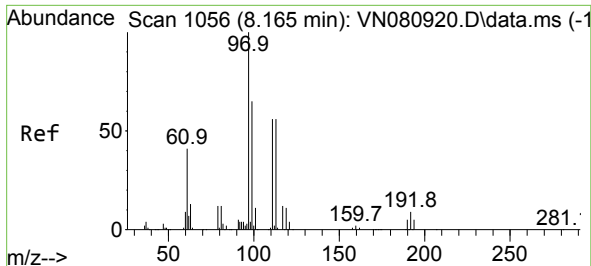
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.9 0.0 34.8

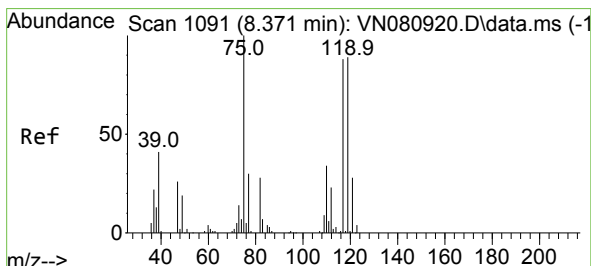
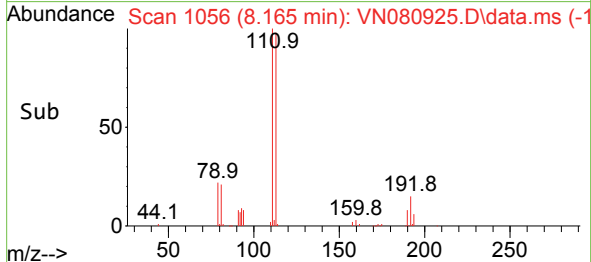
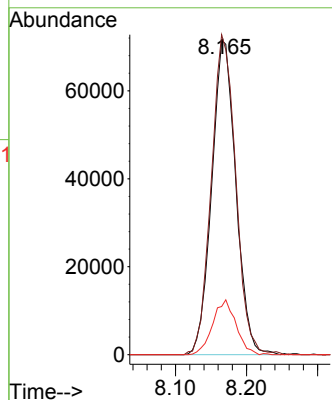
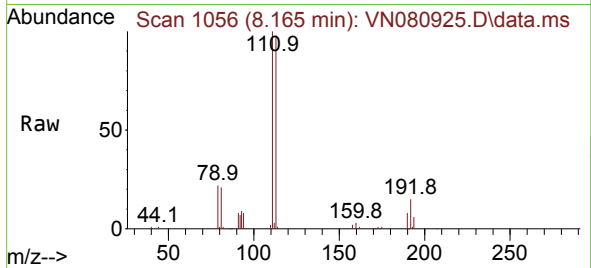




#35
Dibromofluoromethane
Concen: 71.163 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

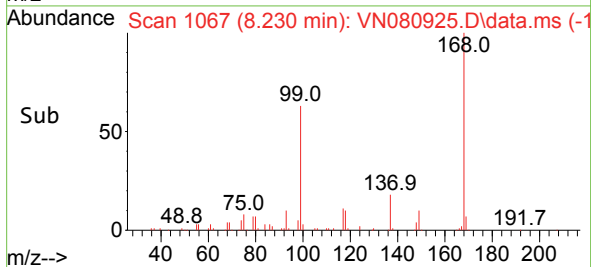
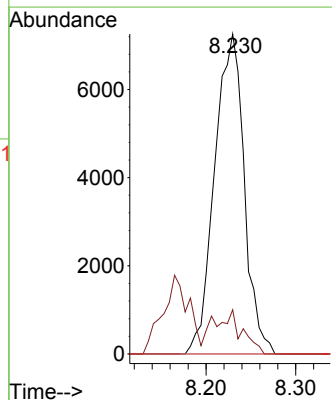
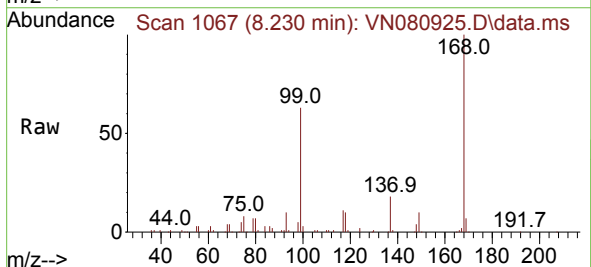
Instrument :
MSVOA_N
ClientSampleId :
IBLK

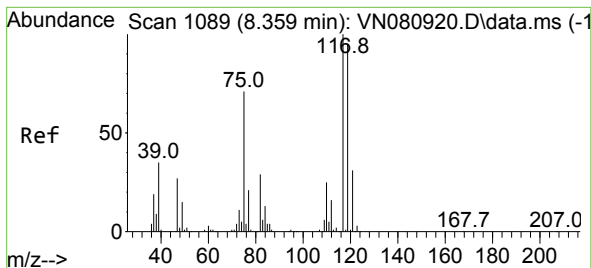
Tgt Ion:113 Resp: 168424
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 75 Resp: 16604
Ion Ratio Lower Upper
75 100
110 0.0 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.574 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

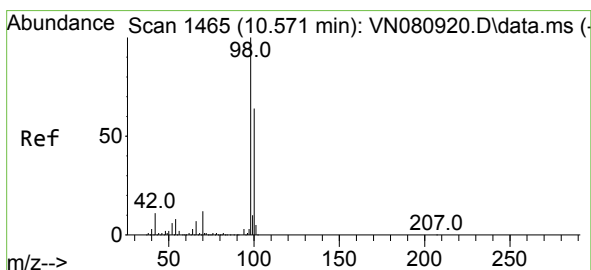
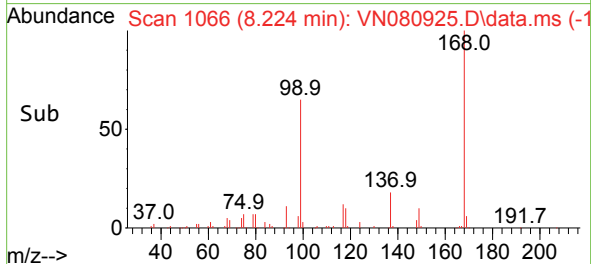
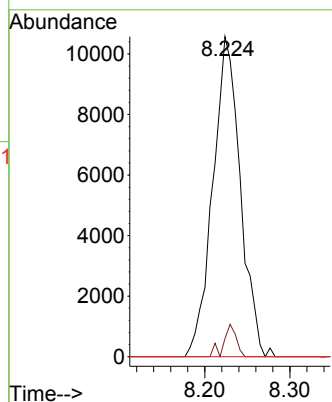
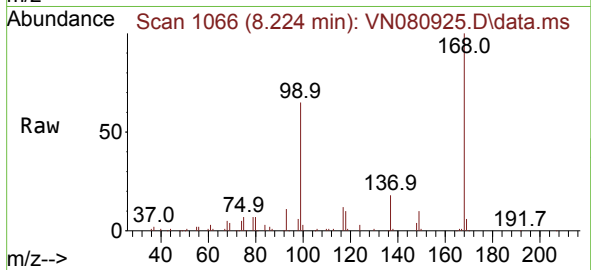
Tgt Ion:117 Resp: 23729

Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 84.041 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080925.D

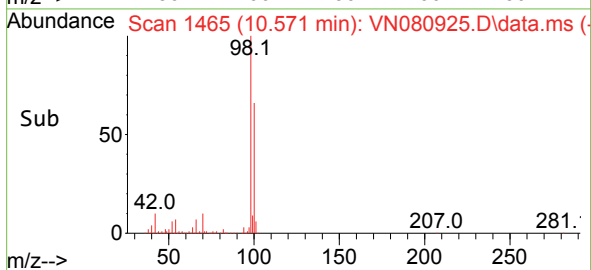
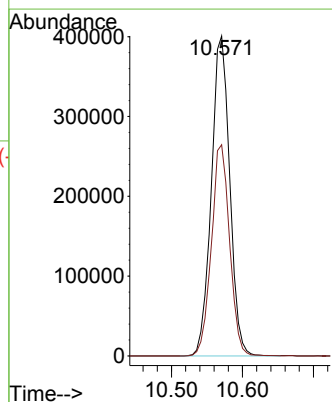
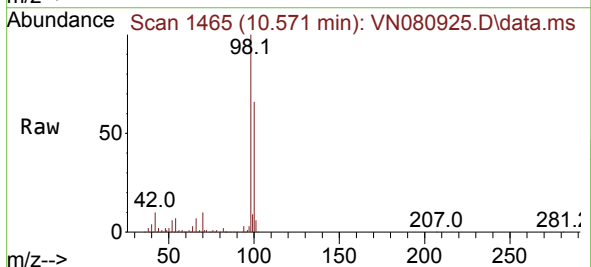
Acq: 06 Feb 2024 18:33

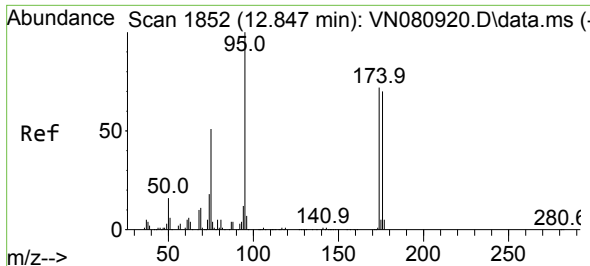
Tgt Ion: 98 Resp: 719450

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

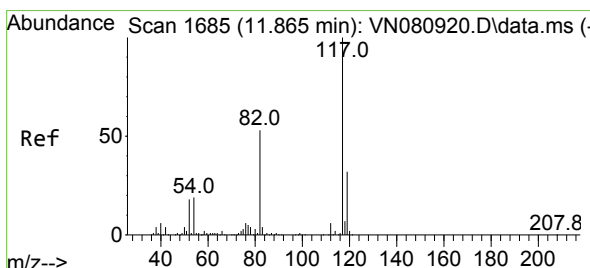
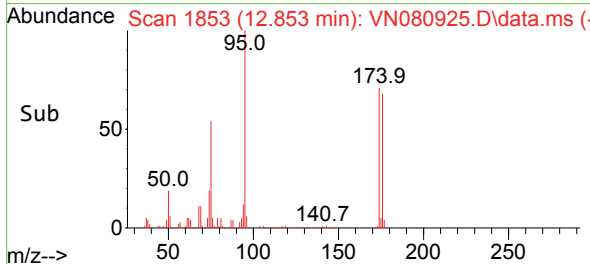
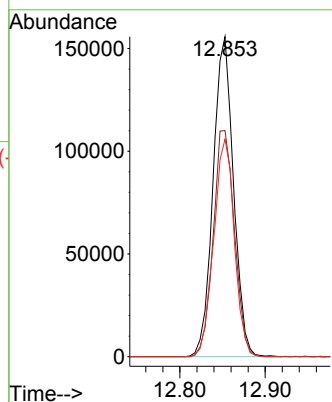
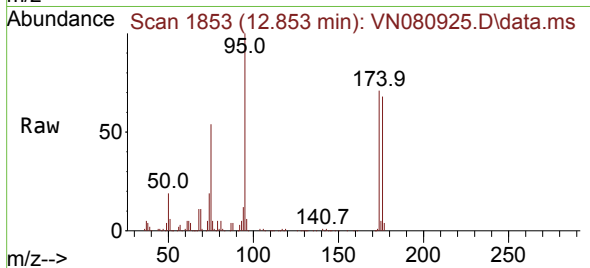




#62
4-Bromofluorobenzene
Concen: 83.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

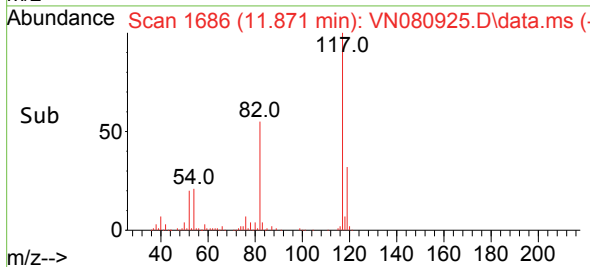
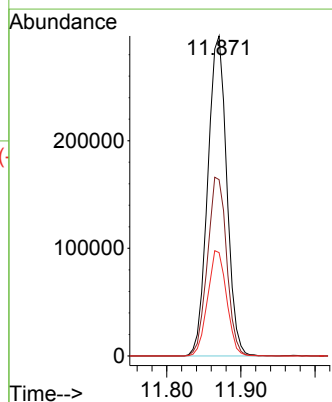
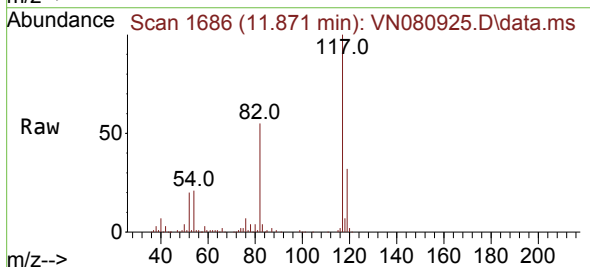
Instrument :
MSVOA_N
ClientSampleId :
IBLK

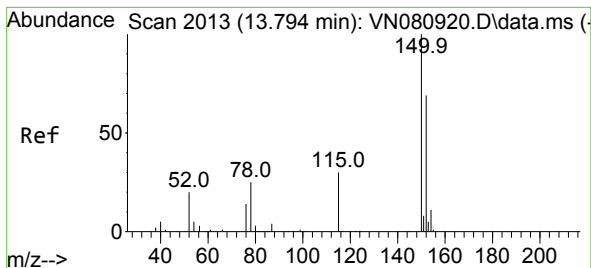
Tgt Ion: 95 Resp: 258850
Ion Ratio Lower Upper
95 100
174 73.4 0.0 120.4
176 68.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 117 Resp: 529427
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

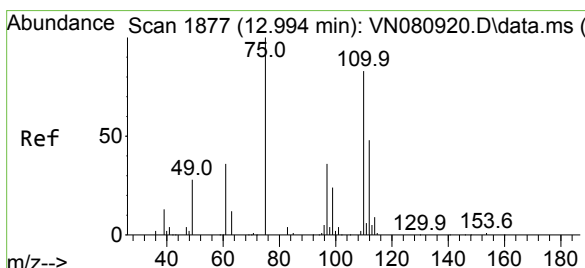
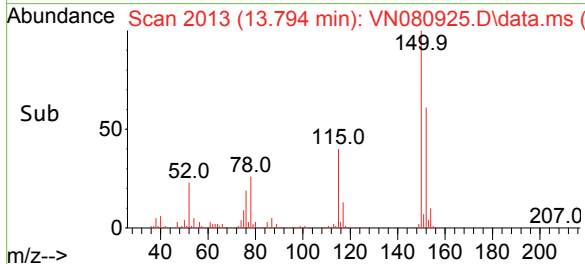
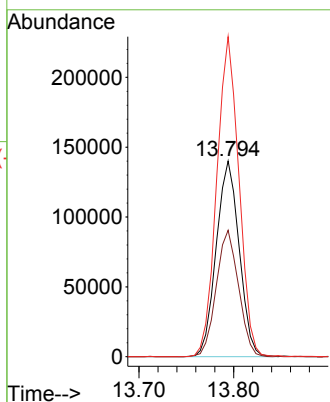
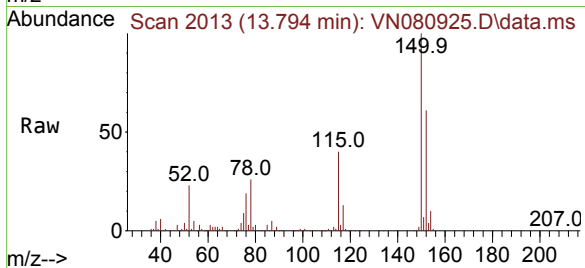
Tgt Ion:152 Resp: 235831

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 158.0 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 28.043 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080925.D

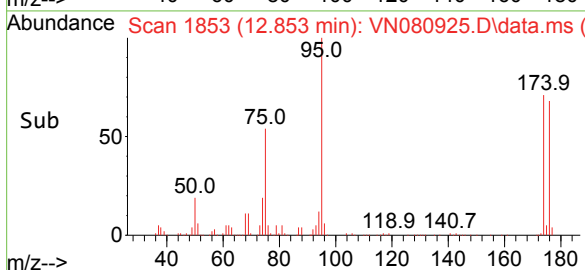
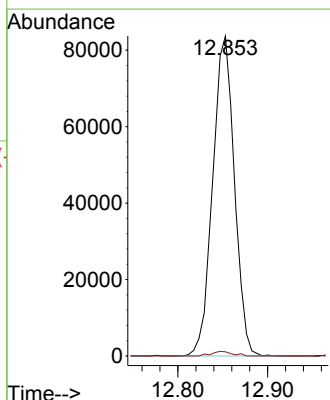
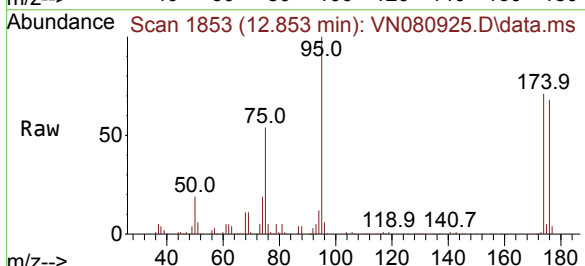
Acq: 06 Feb 2024 18:33

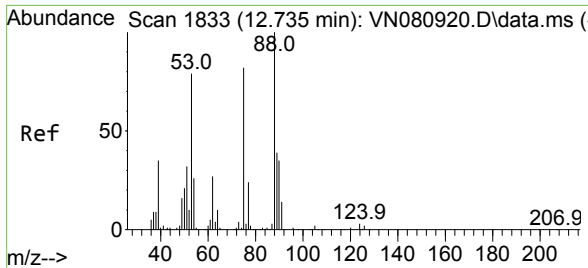
Tgt Ion: 75 Resp: 140681

Ion Ratio Lower Upper

75 100

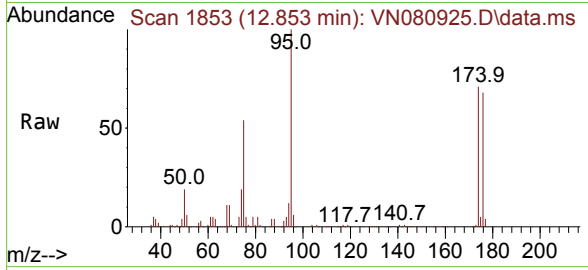
77 1.4 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.488 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 75 Resp: 140681
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

