

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081115.D
 Acq On : 21 Feb 2024 13:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 22 04:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

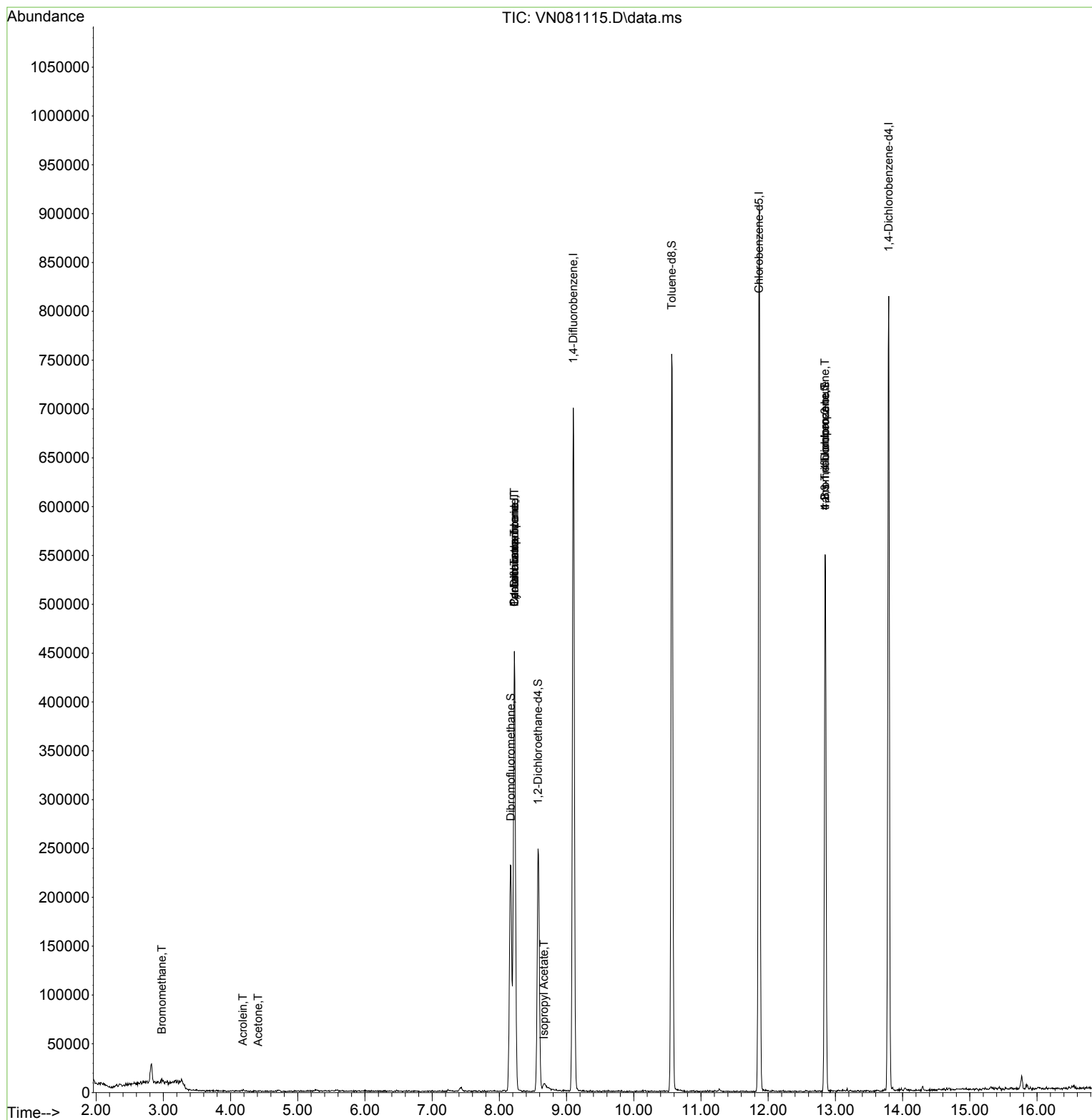
Internal Standards						
1) Pentafluorobenzene	8.224	168	315022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	615188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	523168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201477	52.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.360%	
35) Dibromofluoromethane	8.171	113	166323	47.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.620%	
50) Toluene-d8	10.565	98	531311	43.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.000%	
62) 4-Bromofluorobenzene	12.847	95	191819	41.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.640%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1713	Below Cal	#	84
5) Bromomethane	2.977	94	1146	0.357	ug/l #	77
6) Chloroethane	3.089	64	54	Below Cal	#	1
13) Acrolein	4.183	56	1227	3.224	ug/l	86
16) Acetone	4.412	43	980	0.645	ug/l #	44
20) Methylene Chloride	5.265	84	608	Below Cal	#	82
31) Cyclohexane	8.224	56	8796	1.319	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	27717	4.651	ug/l #	51
38) Carbon Tetrachloride	8.224	117	34875	5.784	ug/l #	18
43) Isopropyl Acetate	8.665	43	8079	0.859	ug/l #	57
49) 1,4-Dioxane	9.688	88	168	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.847	75	104741	21.710	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	104741	55.880	ug/l #	14

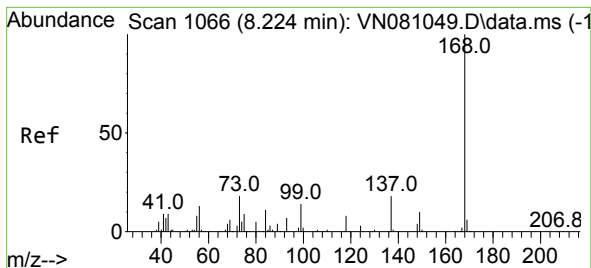
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081115.D

Acq: 21 Feb 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :

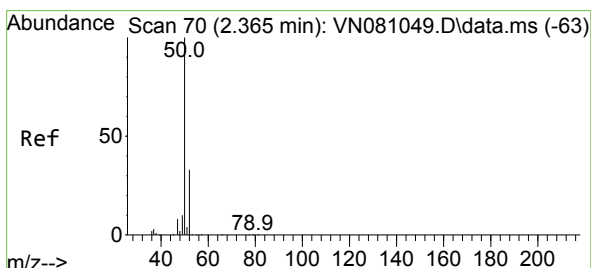
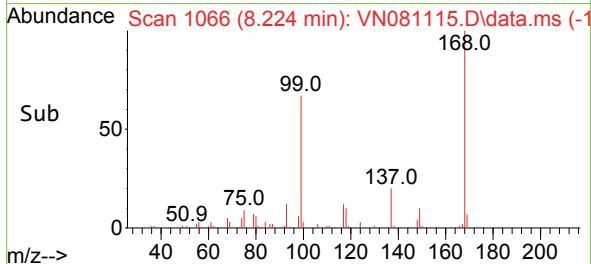
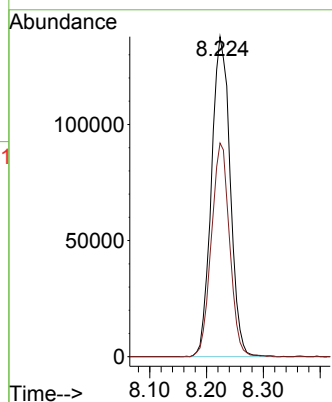
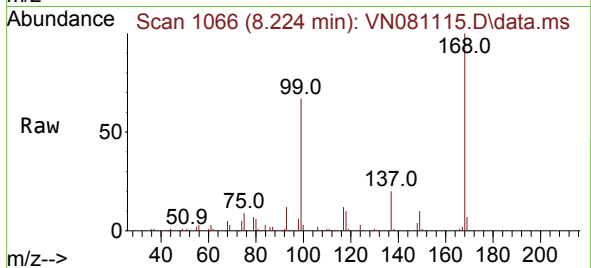
IBLK

Tgt Ion:168 Resp: 315022

Ion Ratio Lower Upper

168 100

99 66.8 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081115.D

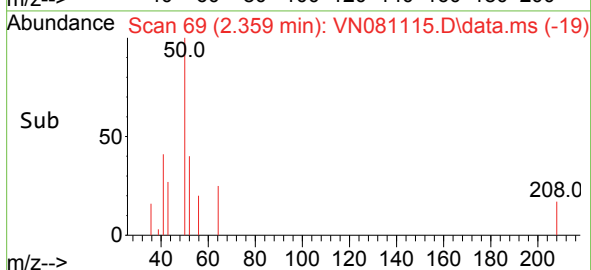
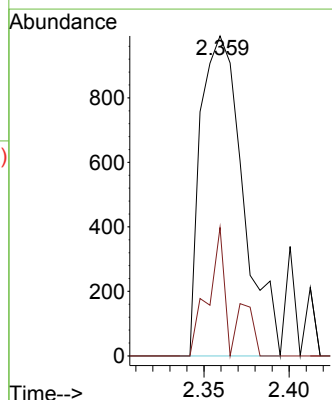
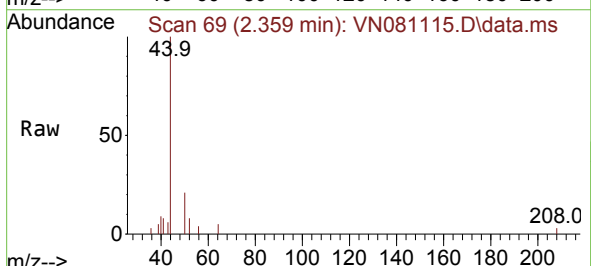
Acq: 21 Feb 2024 13:11

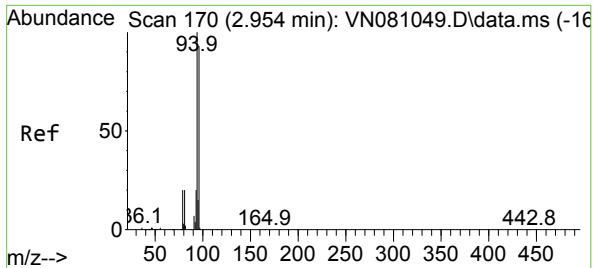
Tgt Ion: 50 Resp: 1713

Ion Ratio Lower Upper

50 100

52 40.1 25.0 37.4#

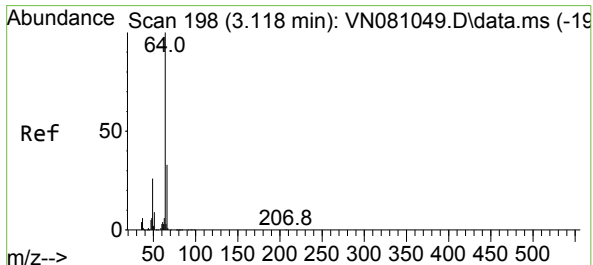
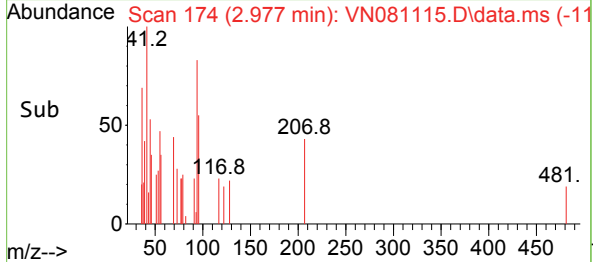
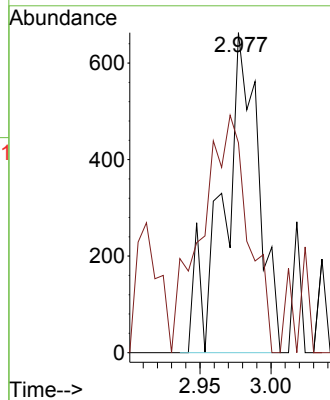
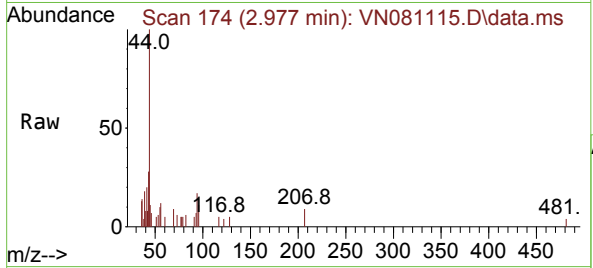




#5
Bromomethane
Concen: 0.357 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

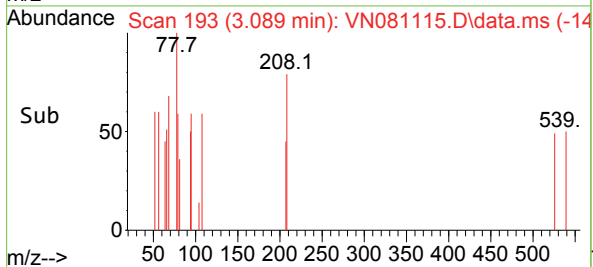
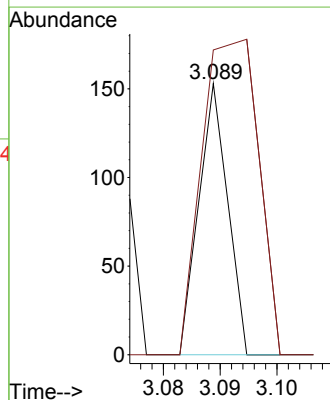
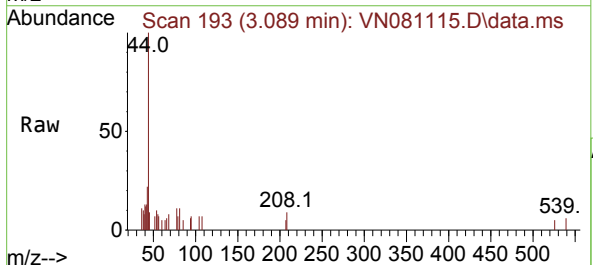
Instrument :
MSVOA_N
ClientSampleId :
IBLK

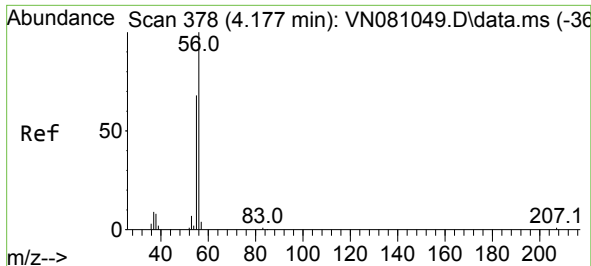
Tgt Ion: 94 Resp: 1146
Ion Ratio Lower Upper
94 100
96 65.6 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 112.4 26.4 39.6#

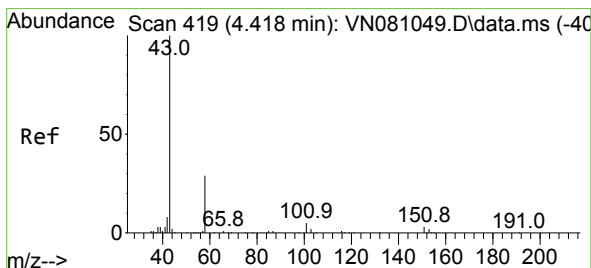
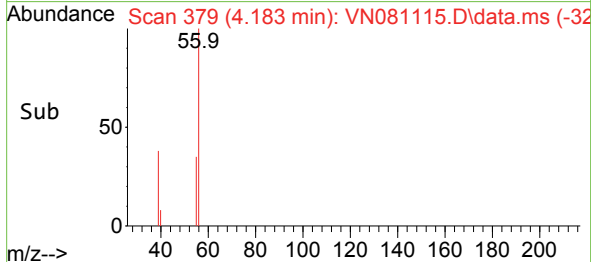
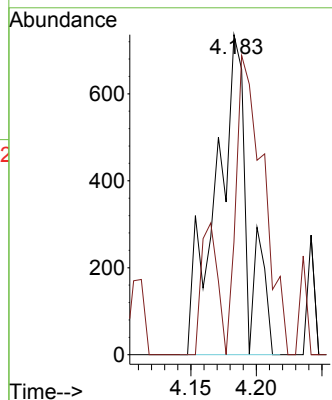
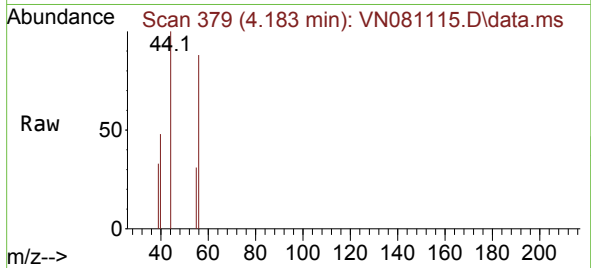




#13
Acrolein
Concen: 3.224 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

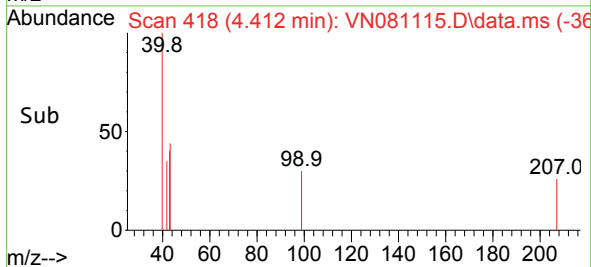
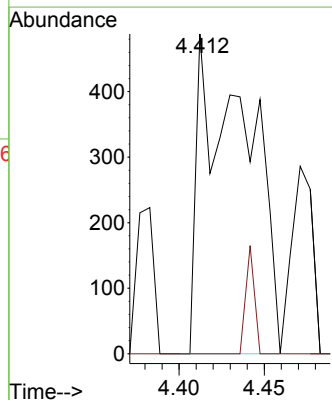
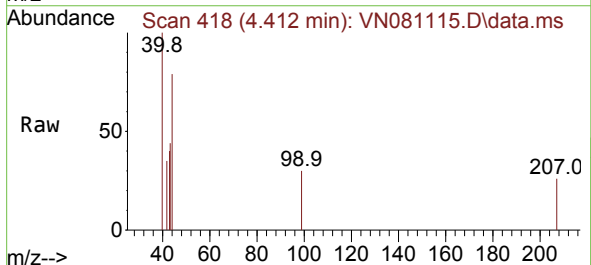
Instrument :
MSVOA_N
ClientSampleId :
IBLK

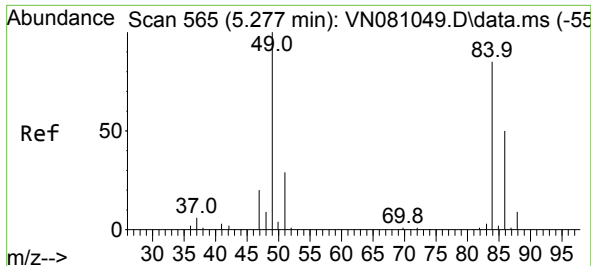
Tgt Ion: 56 Resp: 1227
Ion Ratio Lower Upper
56 100
55 80.8 55.3 82.9



#16
Acetone
Concen: 0.645 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

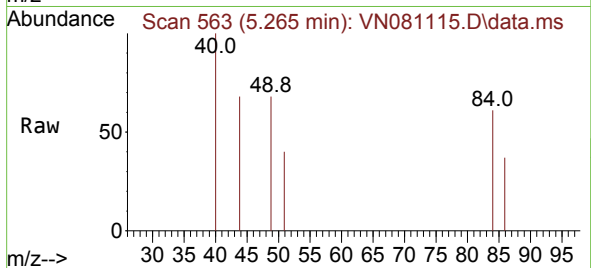
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#





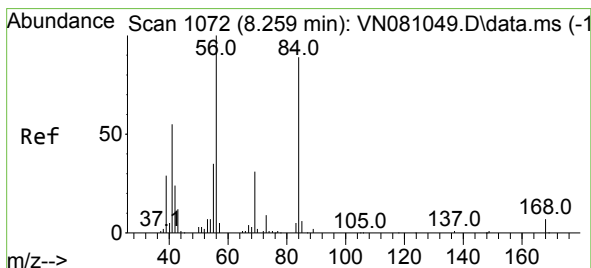
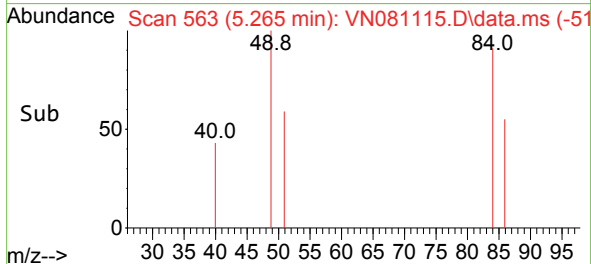
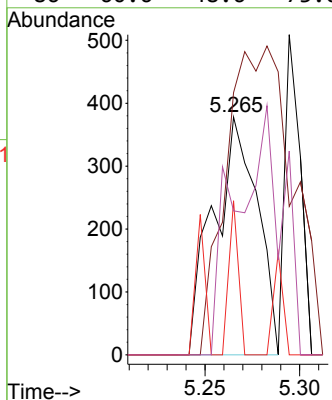
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 608

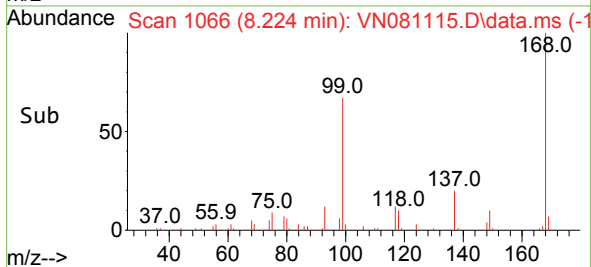
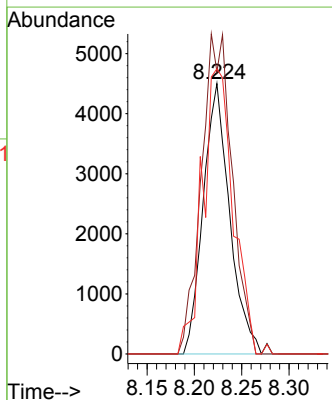
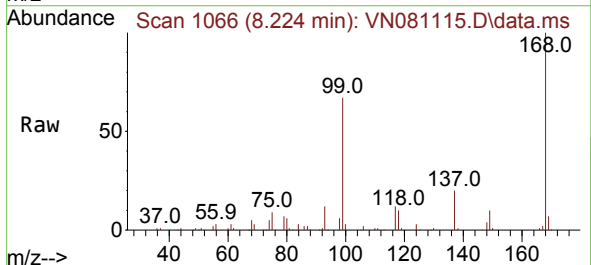
Ion	Ratio	Lower	Upper
84	100		
49	110.3	108.1	162.1
51	64.8	32.9	49.3#
86	60.6	48.6	73.0

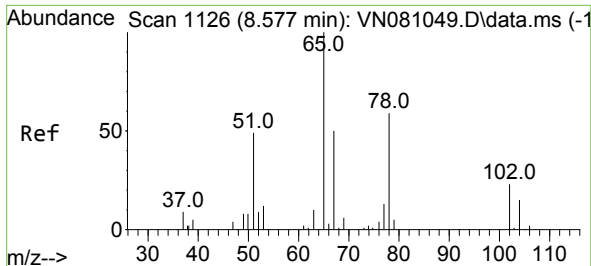


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Tgt Ion: 56 Resp: 8796

Ion	Ratio	Lower	Upper
56	100		
69	104.3	20.1	30.1#
84	105.5	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.179 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081115.D

Acq: 21 Feb 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :

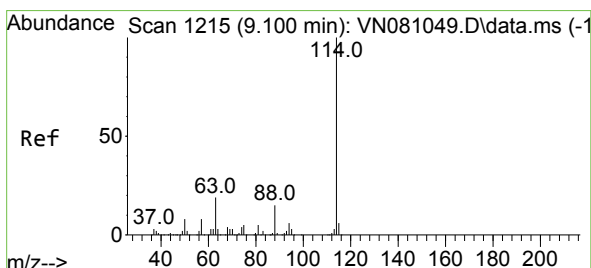
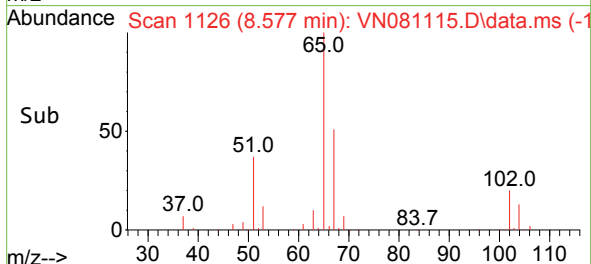
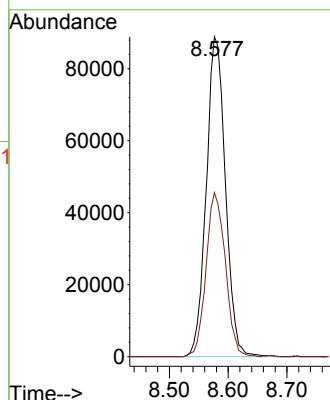
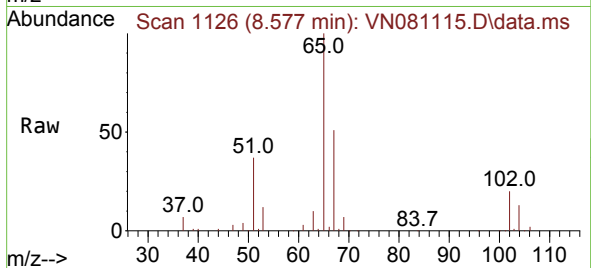
IBLK

Tgt Ion: 65 Resp: 201477

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: VN081115.D

Acq: 21 Feb 2024 13:11

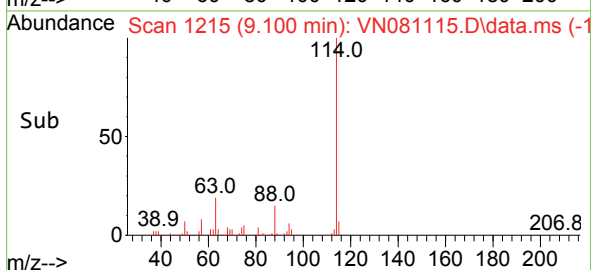
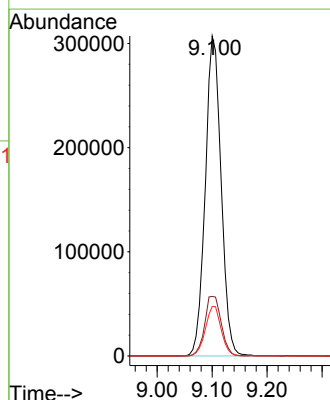
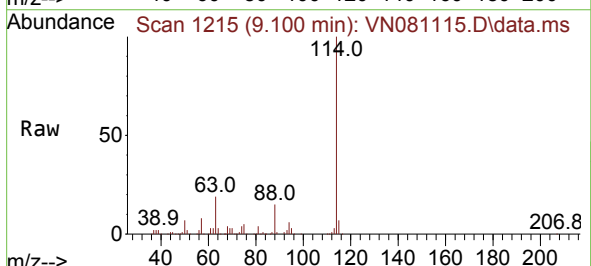
Tgt Ion: 114 Resp: 615188

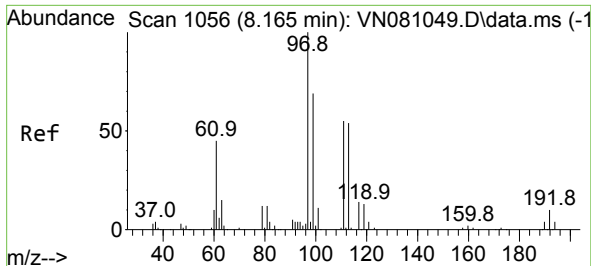
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.812 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081115.D

Acq: 21 Feb 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

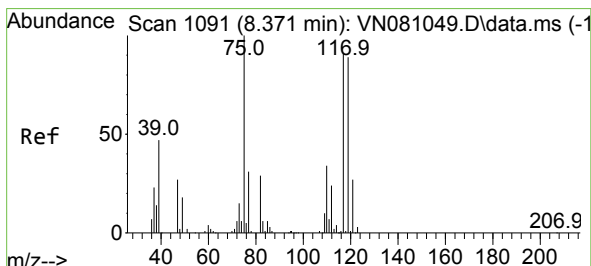
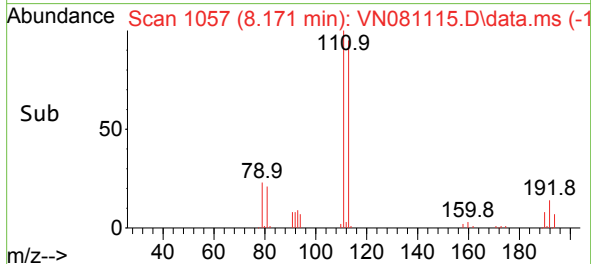
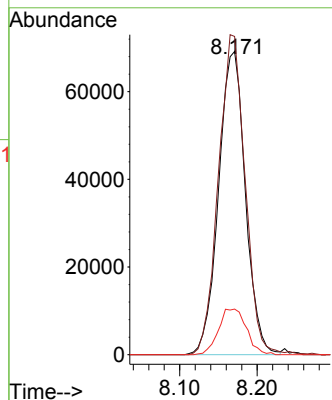
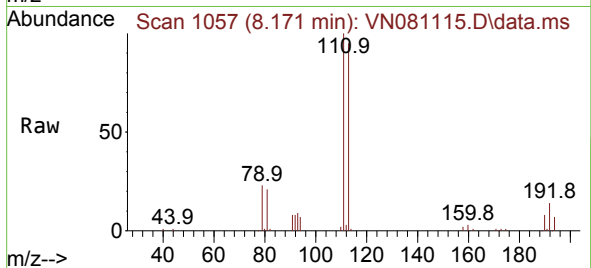
Tgt Ion:113 Resp: 166323

Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 15.7 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081115.D

Acq: 21 Feb 2024 13:11

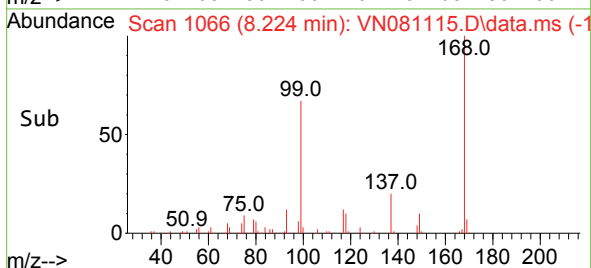
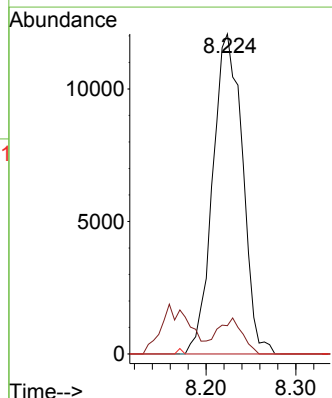
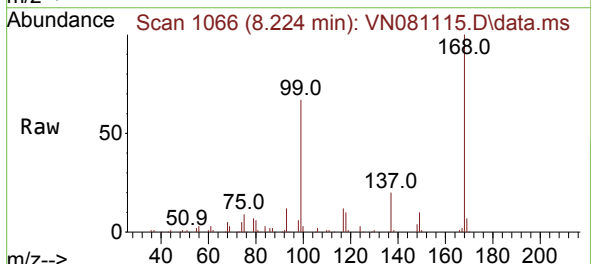
Tgt Ion: 75 Resp: 27717

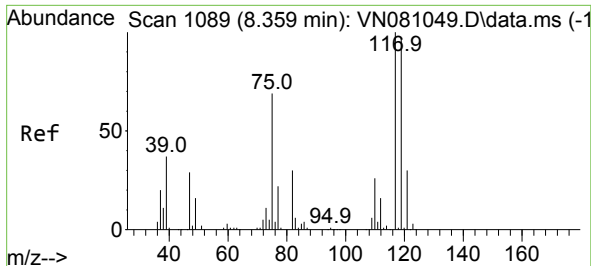
Ion Ratio Lower Upper

75 100

110 9.3 16.0 48.0#

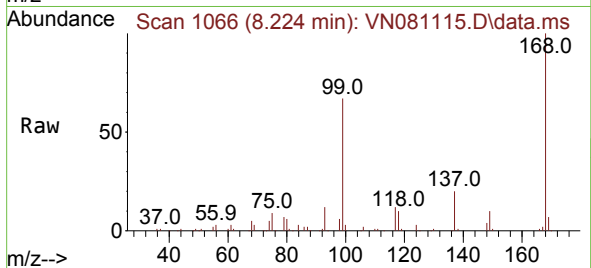
77 0.0 25.8 38.6#



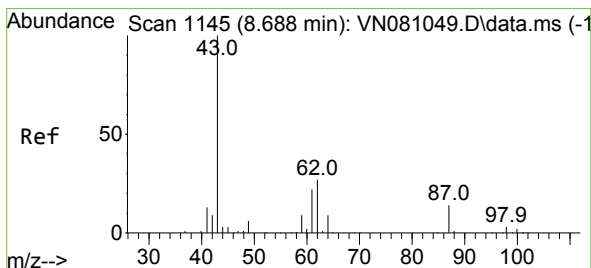
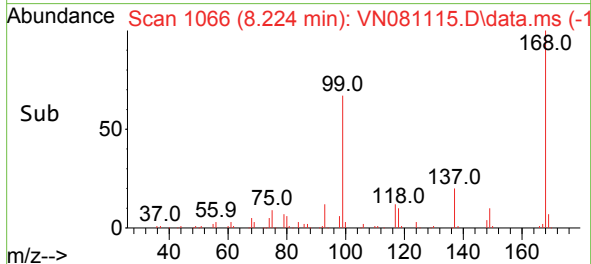
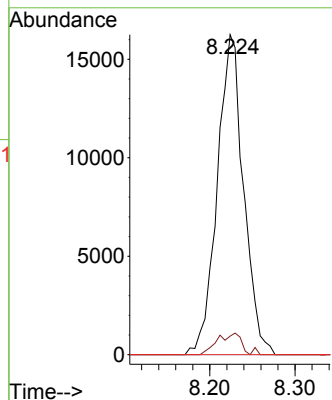


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

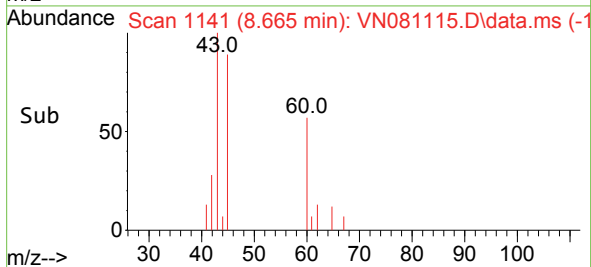
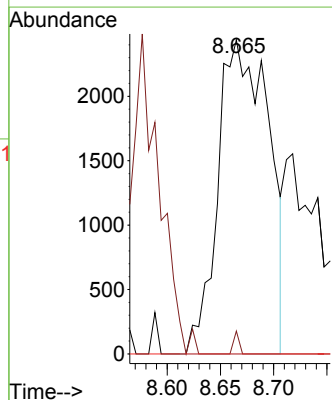
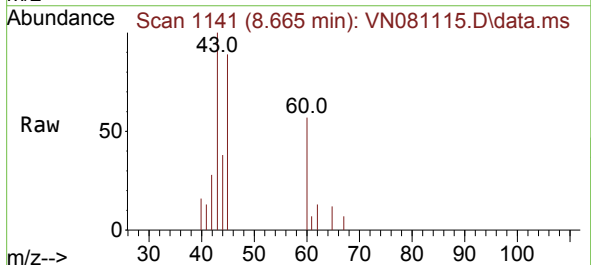


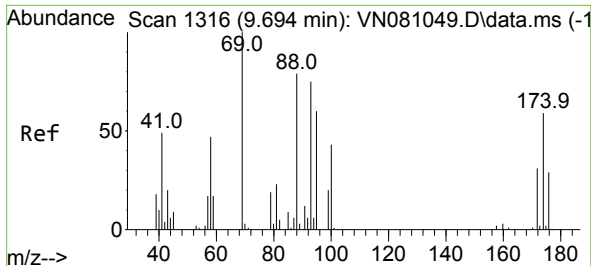
Tgt Ion:117 Resp: 34875
Ion Ratio Lower Upper
117 100
119 5.8 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.859 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Tgt Ion: 43 Resp: 8079
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081115.D

Acq: 21 Feb 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

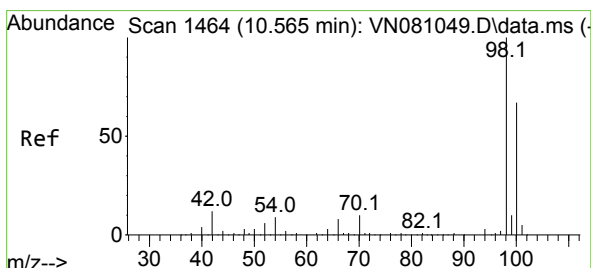
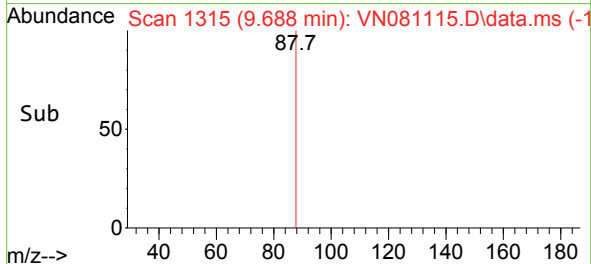
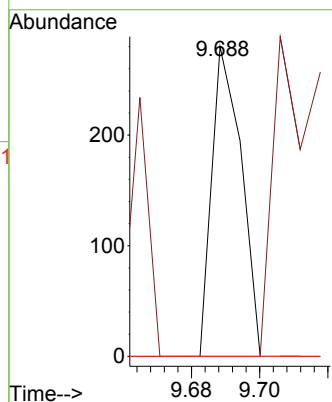
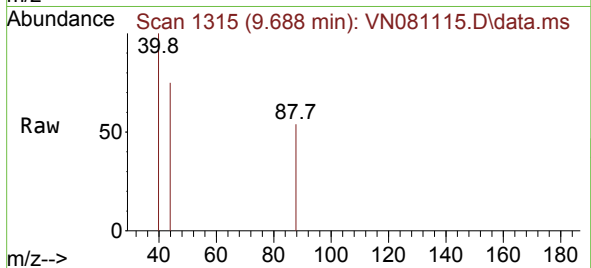
Tgt Ion: 88 Resp: 168

Ion Ratio Lower Upper

88 100

43 154.2 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 43.002 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081115.D

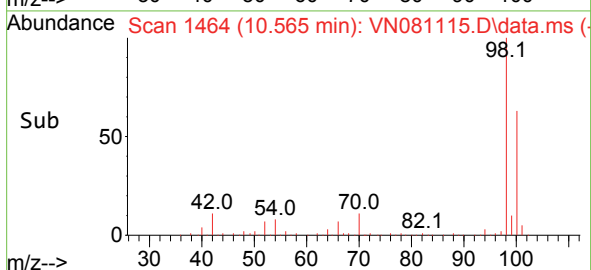
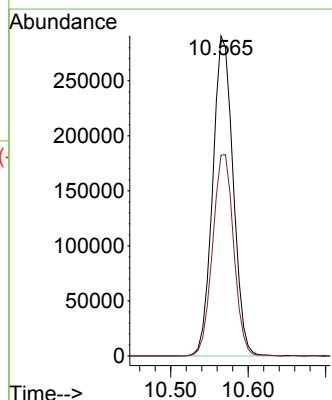
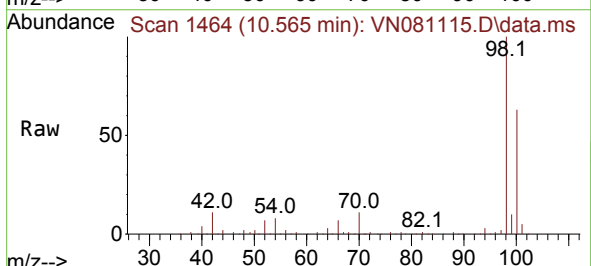
Acq: 21 Feb 2024 13:11

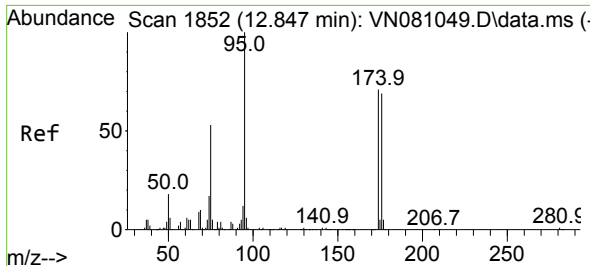
Tgt Ion: 98 Resp: 531311

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

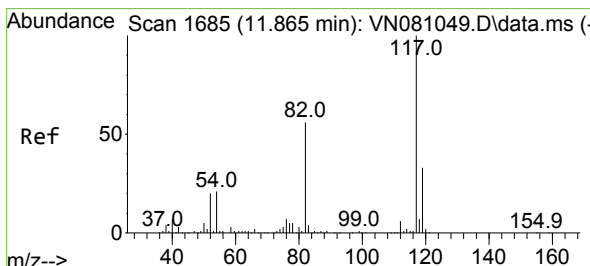
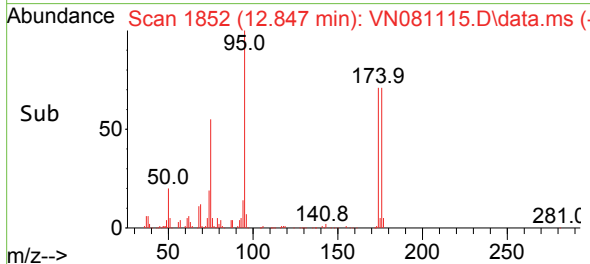
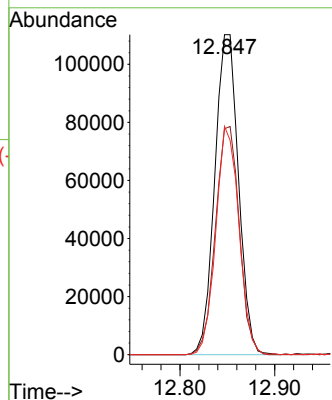
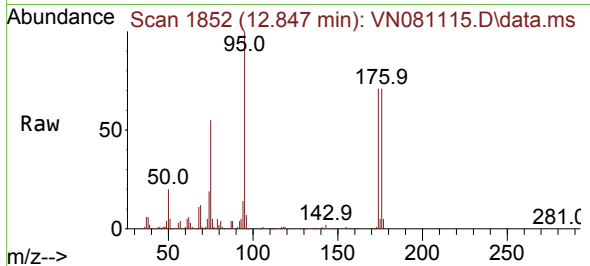




#62
4-Bromofluorobenzene
Concen: 41.317 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

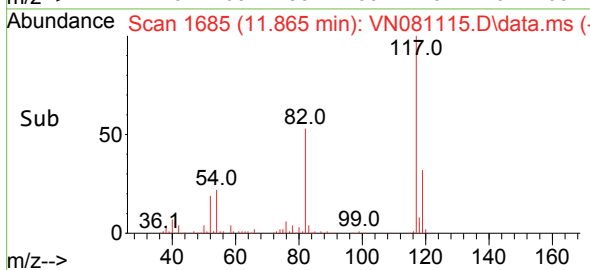
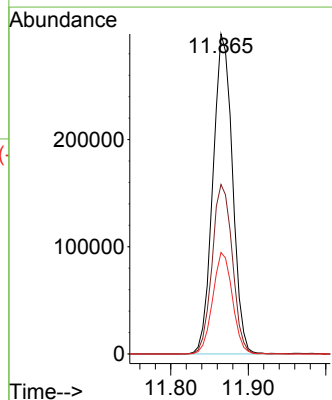
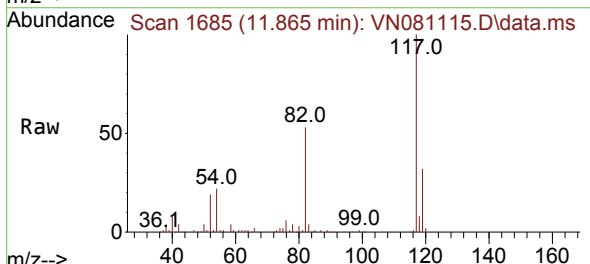
Instrument :
MSVOA_N
ClientSampleId :
IBLK

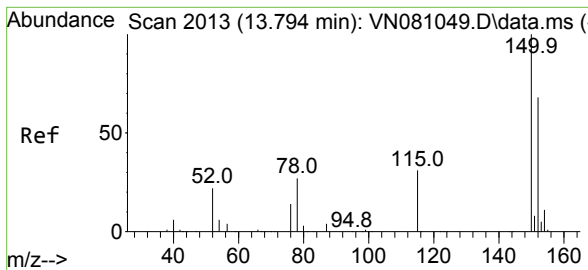
Tgt Ion: 95 Resp: 191819
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 69.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081115.D
Acq: 21 Feb 2024 13:11

Tgt Ion: 117 Resp: 523168
Ion Ratio Lower Upper
117 100
82 53.0 52.7 79.1
119 31.7 25.3 37.9

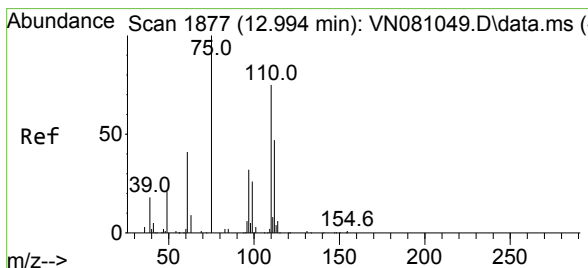
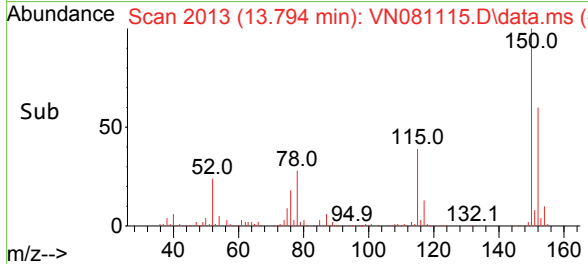
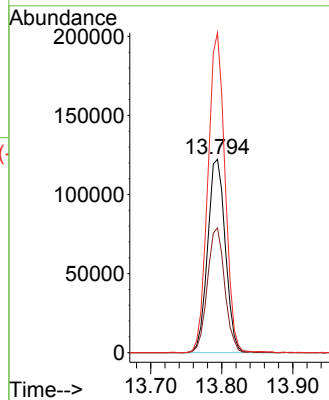
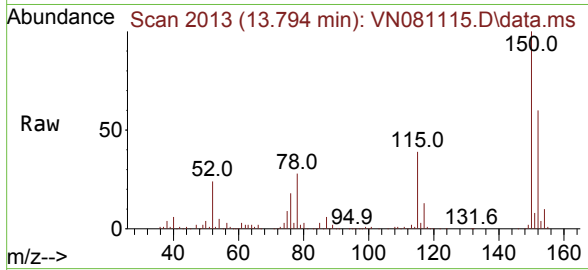




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081115.D
 Acq: 21 Feb 2024 13:11

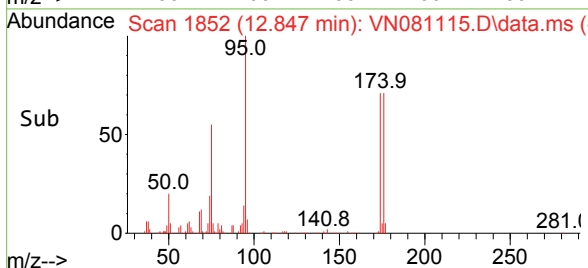
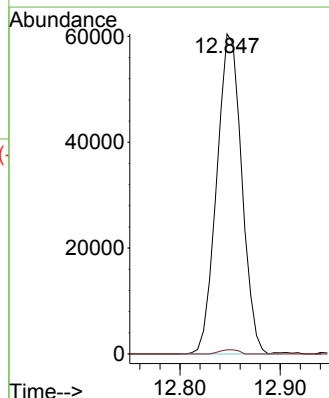
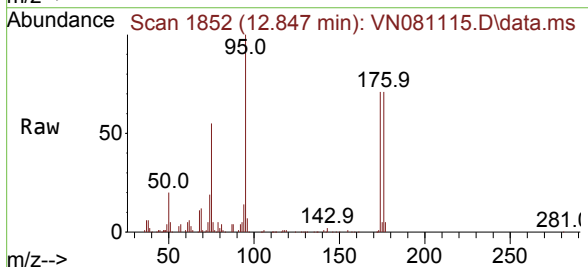
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

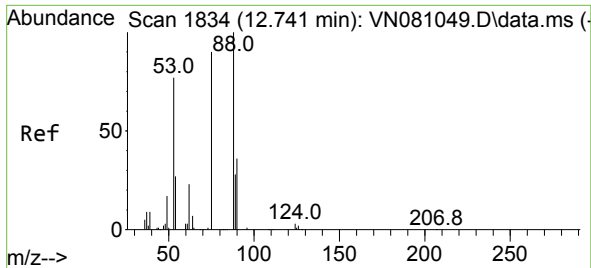
Tgt Ion:152 Resp: 212341
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 159.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 21.710 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081115.D
 Acq: 21 Feb 2024 13:11

Tgt Ion: 75 Resp: 104741
 Ion Ratio Lower Upper
 75 100
 77 1.0 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.880 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081115.D
 Acq: 21 Feb 2024 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 104741
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#

