

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082874.D
 Acq On : 11 Jul 2024 14:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 12 01:06:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	117643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	224106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98549	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	87817	53.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.500%
35) Dibromofluoromethane	8.165	113	72256	49.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.571	98	258174	48.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.853	95	94998	49.330	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.660%

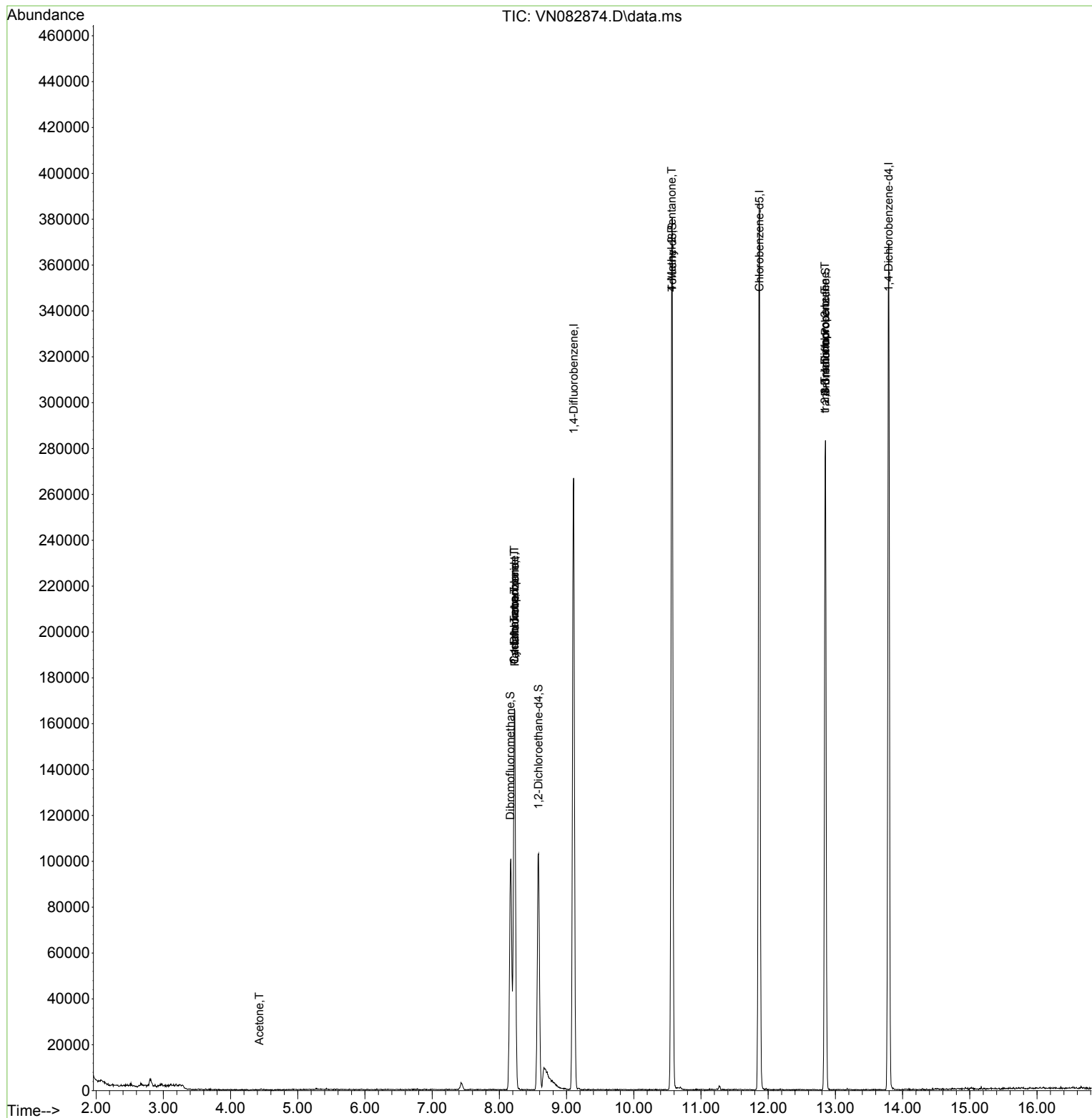
Target Compounds					Qvalue	
16) Acetone	4.430	43	219	0.377	ug/l #	48
31) Cyclohexane	8.224	56	2918	1.353	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	10756	5.375	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13207	5.481	ug/l #	18
43) Isopropyl Acetate	8.665	43	11335	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1212	0.600	ug/l #	1
71) Bromoform	12.853	173	714	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	53547	31.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53547	61.983	ug/l #	6

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

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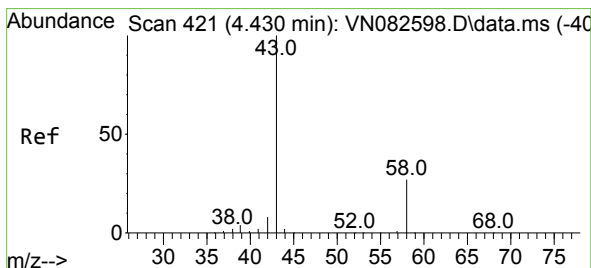
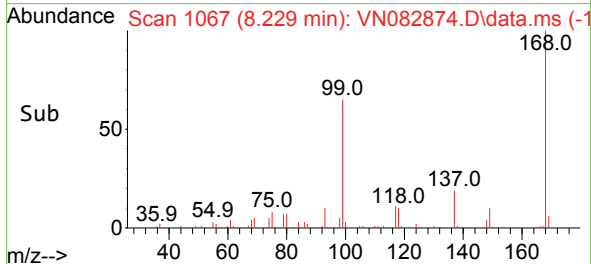
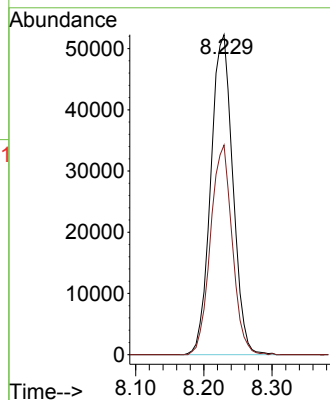
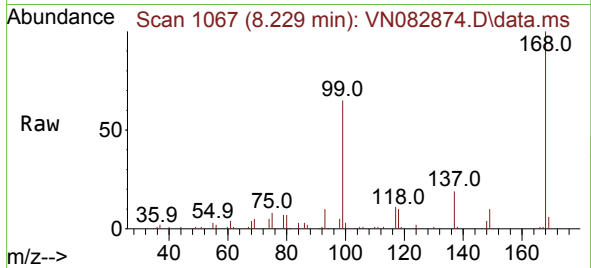




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

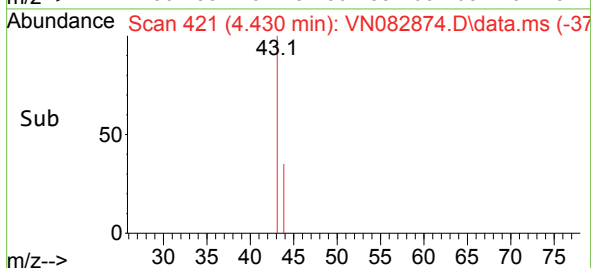
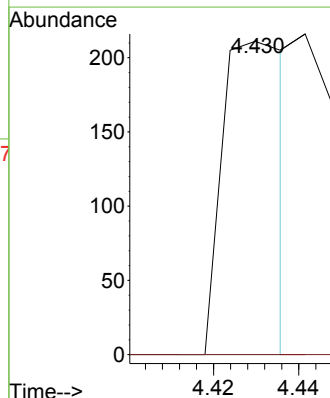
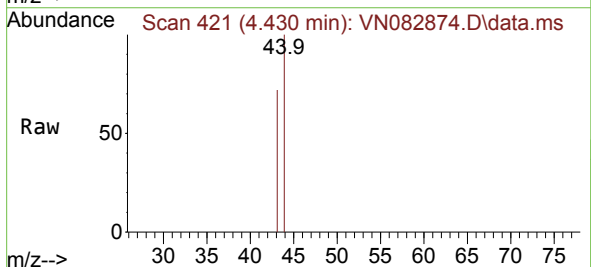
Instrument :
MSVOA_N
ClientSampleId :
IBLK

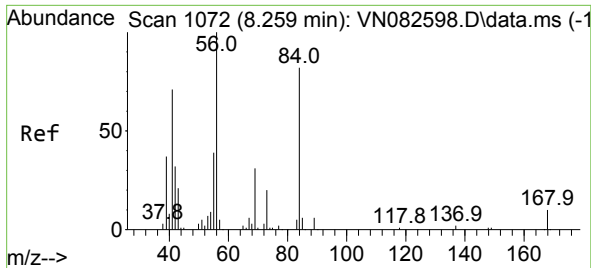
Tgt Ion:168 Resp: 117643
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#16
Acetone
Concen: 0.377 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

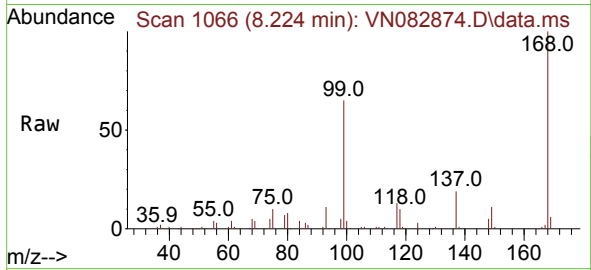
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



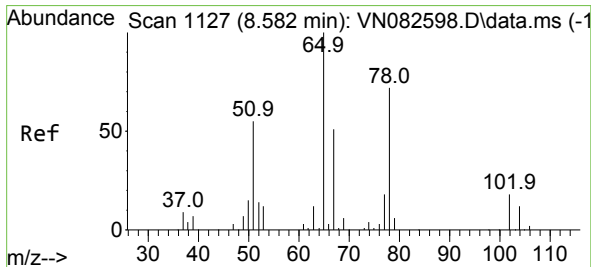
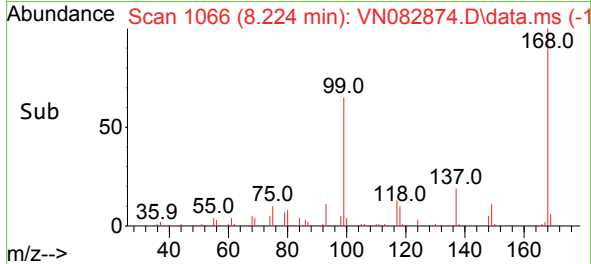
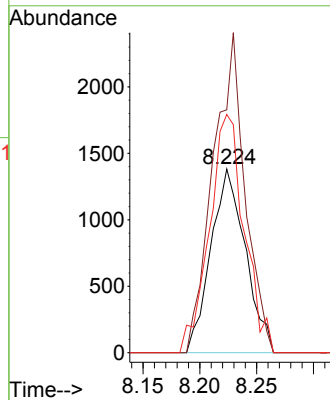


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

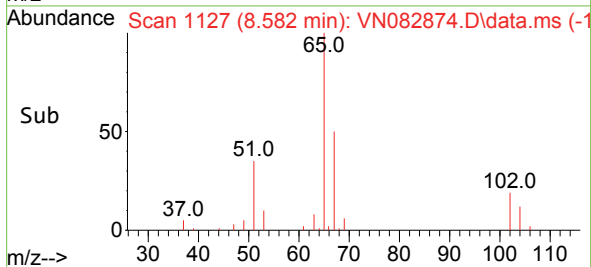
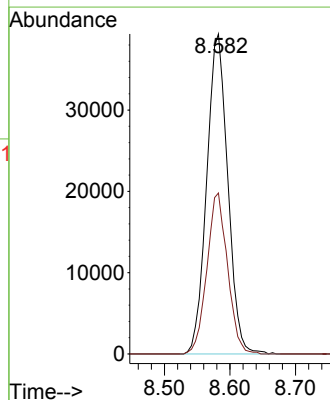
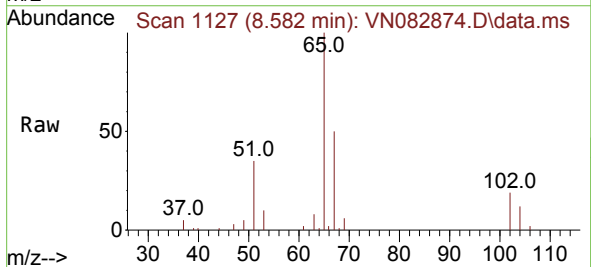


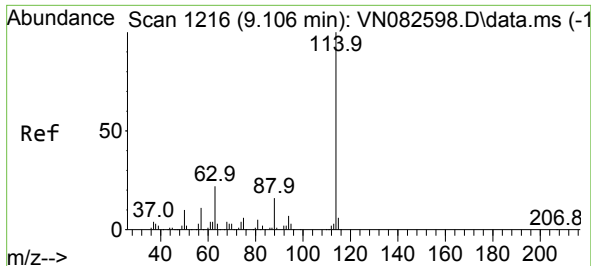
Tgt Ion: 56 Resp: 2918
Ion Ratio Lower Upper
56 100
69 132.3 24.5 36.7#
84 129.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Tgt Ion: 65 Resp: 87817
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

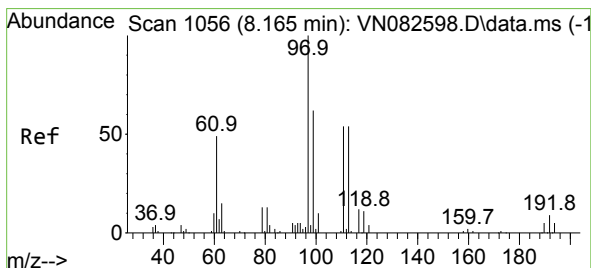
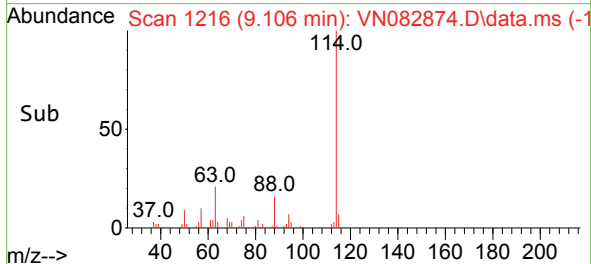
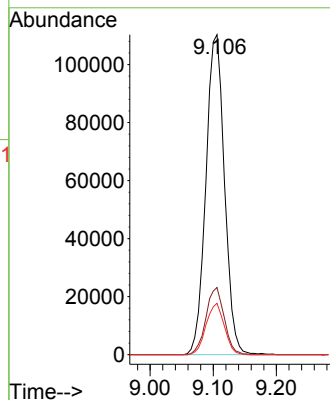
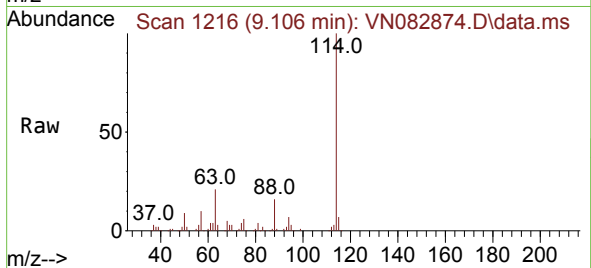
Tgt Ion:114 Resp: 226206

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.780 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

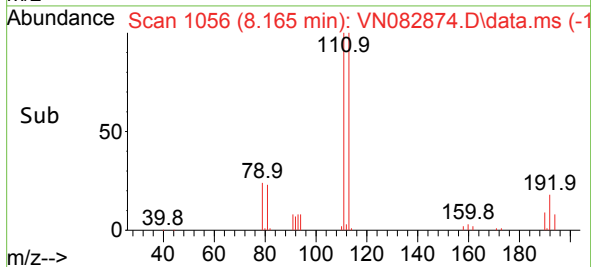
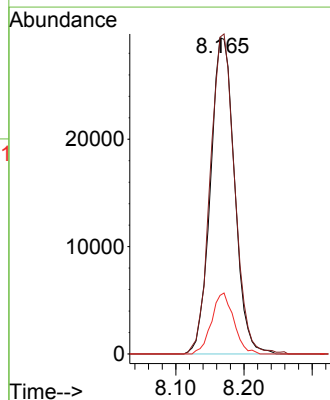
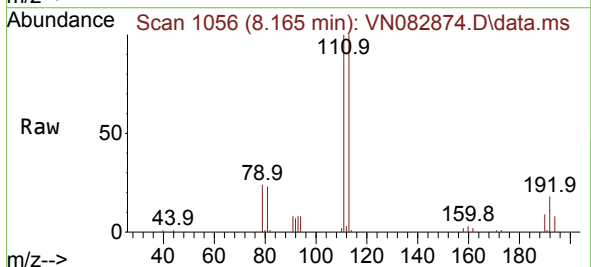
Tgt Ion:113 Resp: 72256

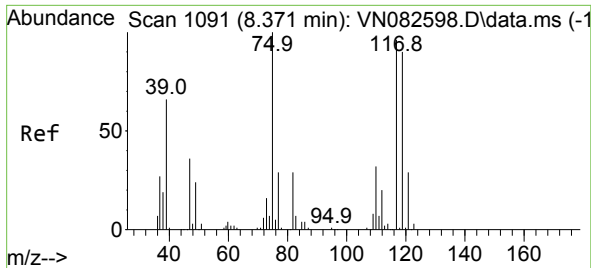
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.9 14.9 22.3

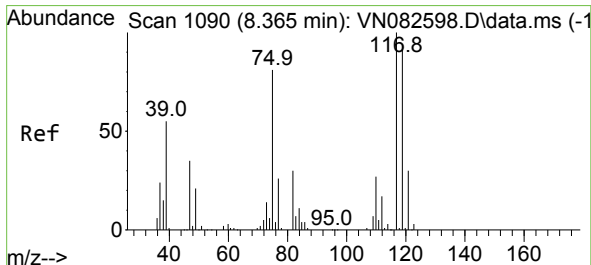
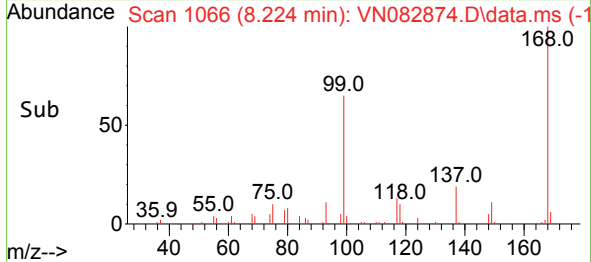
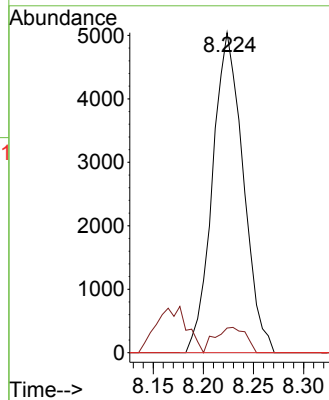
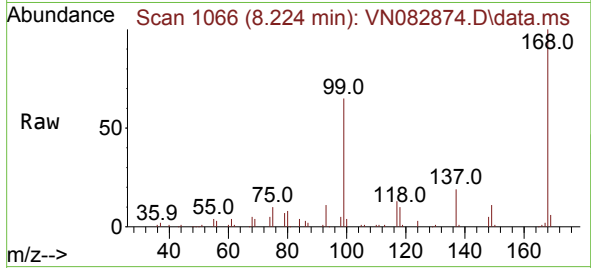




#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

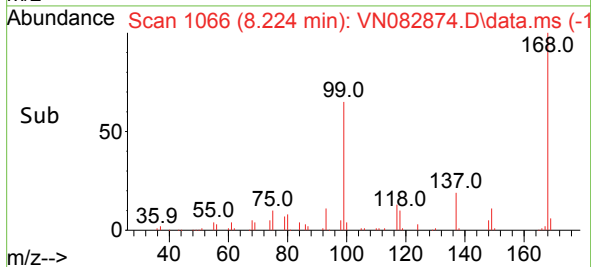
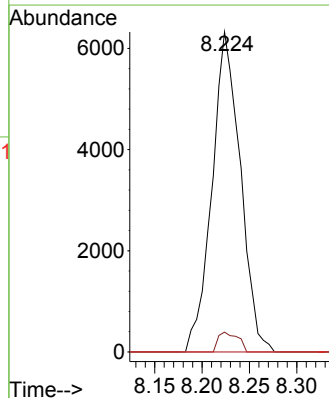
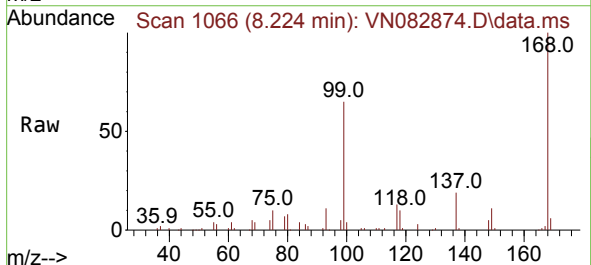
Instrument :
MSVOA_N
ClientSampleId :
IBLK

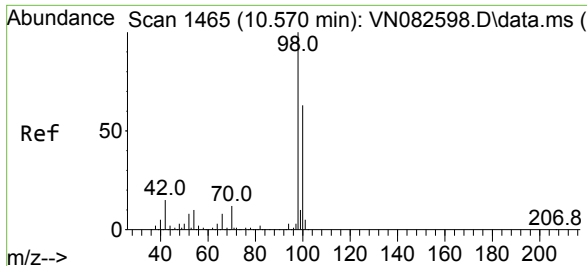
Tgt Ion: 75 Resp: 10756
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Tgt Ion: 117 Resp: 13207
Ion Ratio Lower Upper
117 100
119 6.2 74.9 112.3#
121 0.0 24.3 36.5#

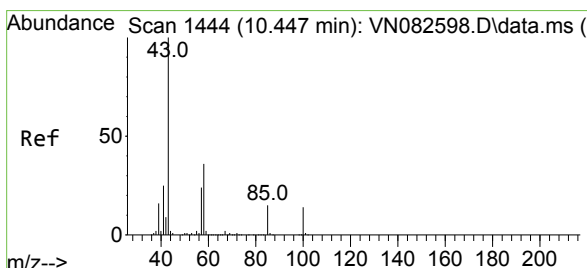
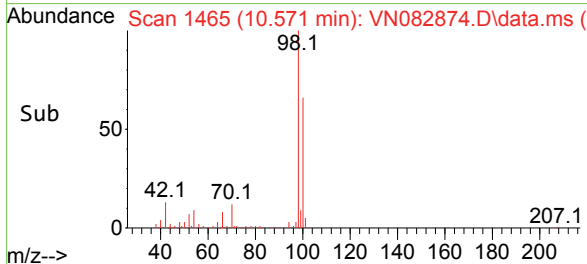
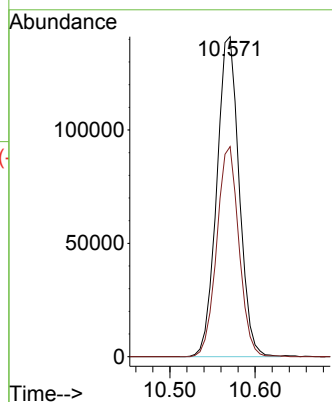
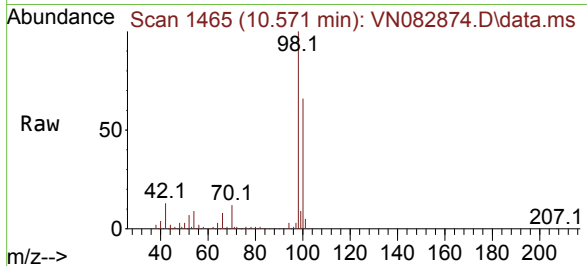




#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

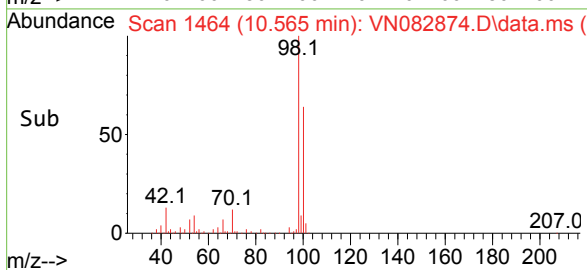
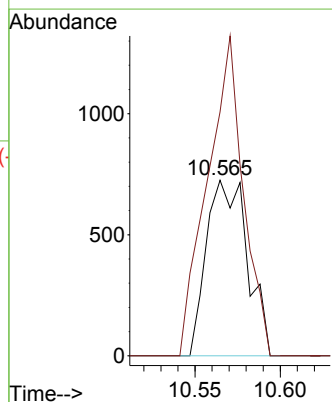
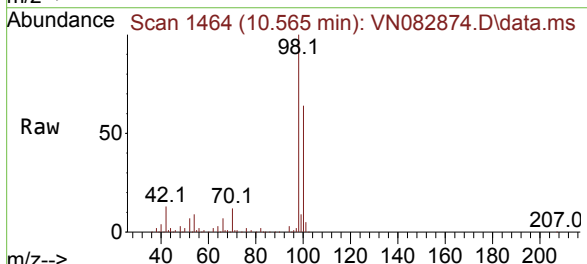
Instrument :
MSVOA_N
ClientSampleId :
IBLK

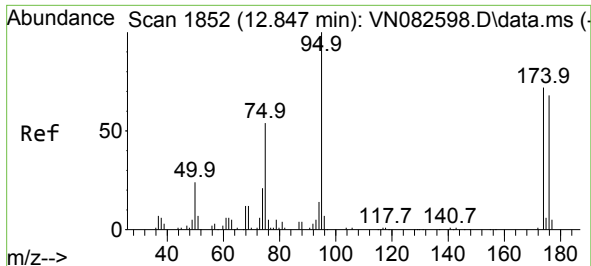
Tgt Ion: 98 Resp: 258174
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 160.1 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 49.330 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

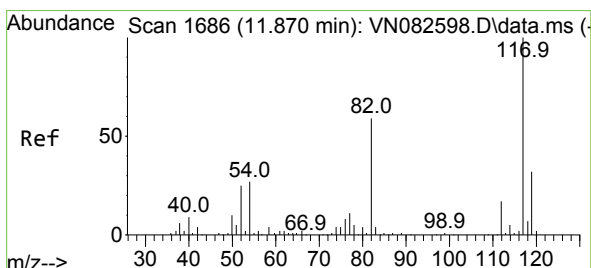
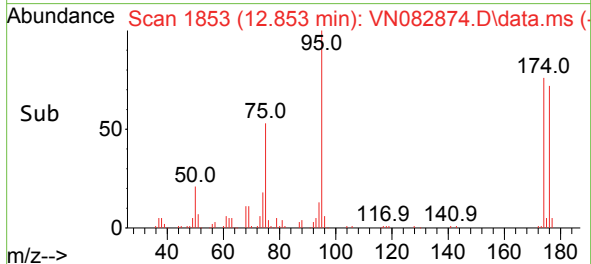
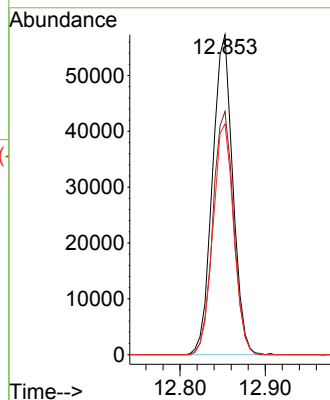
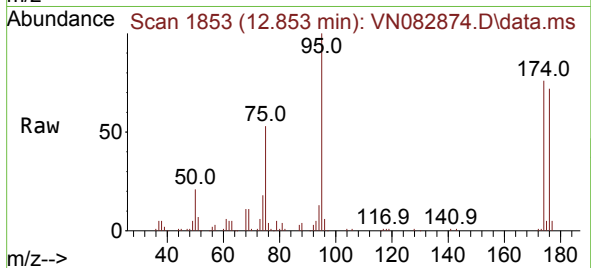
Tgt Ion: 95 Resp: 94998

Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

176 73.6 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

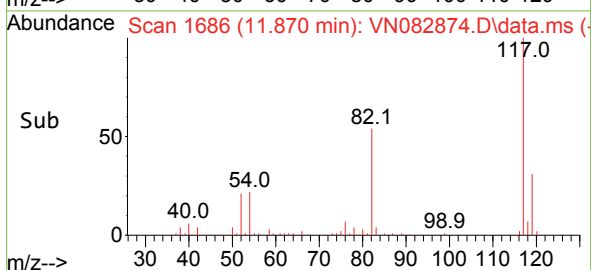
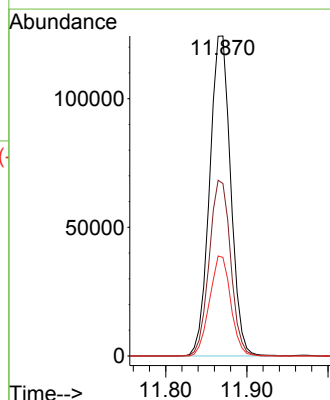
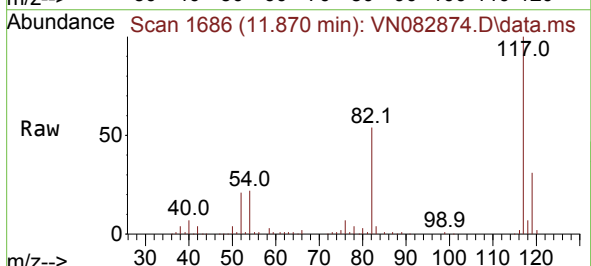
Tgt Ion: 117 Resp: 224106

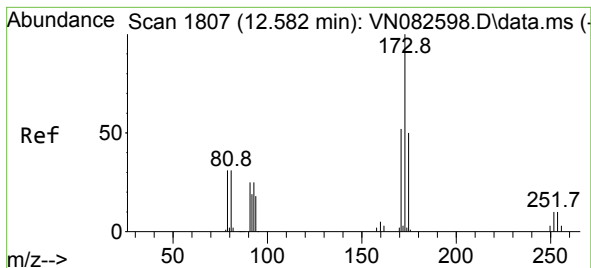
Ion Ratio Lower Upper

117 100

82 53.9 47.5 71.3

119 30.8 25.6 38.4





#71

Bromoform

Concen: 0.532 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

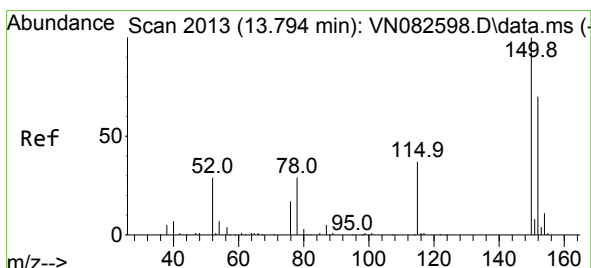
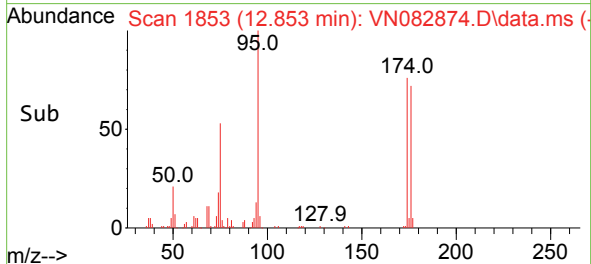
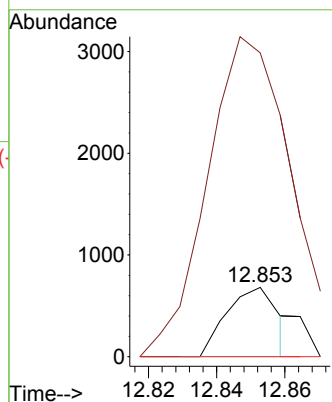
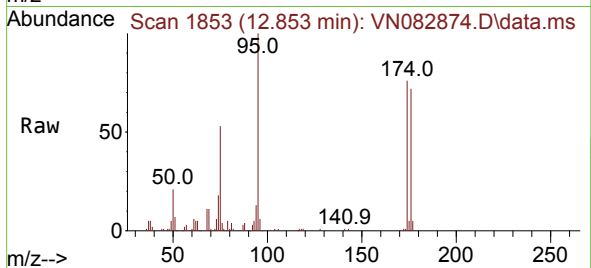
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	173	Resp:	714
Ion Ratio	Lower	Upper	
173	100		
175	644.0	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

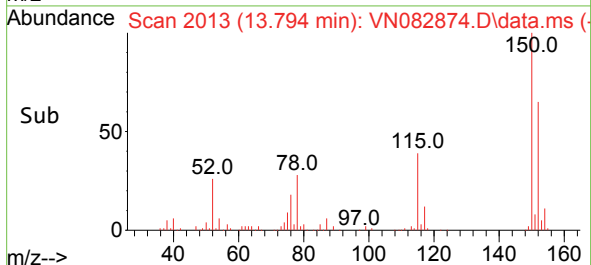
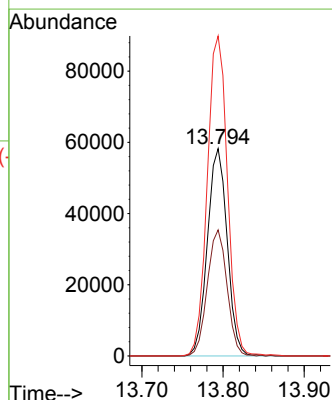
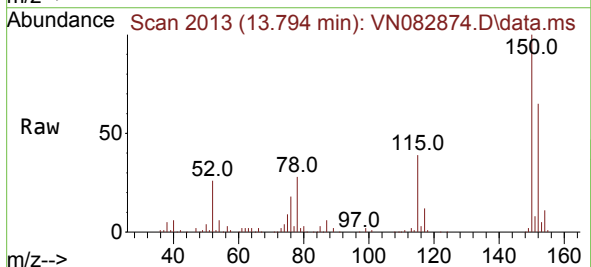
RT: 13.794 min Scan# 2013

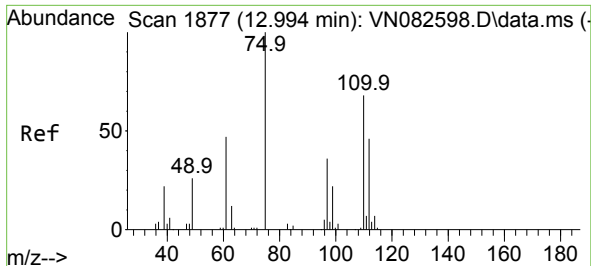
Delta R.T. -0.000 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

Tgt Ion:	152	Resp:	98549
Ion Ratio	Lower	Upper	
152	100		
115	60.5	30.6	91.6
150	157.0	0.0	348.6

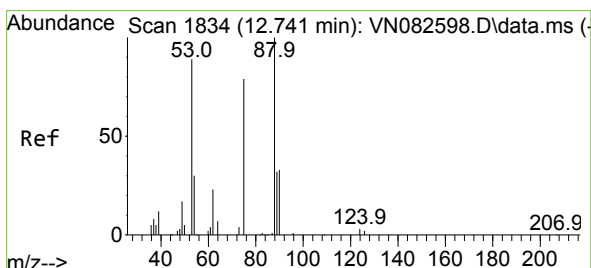
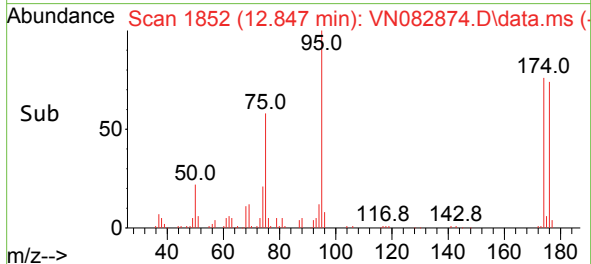
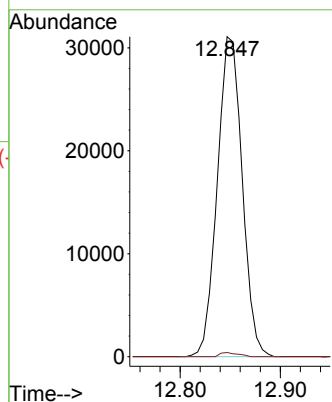
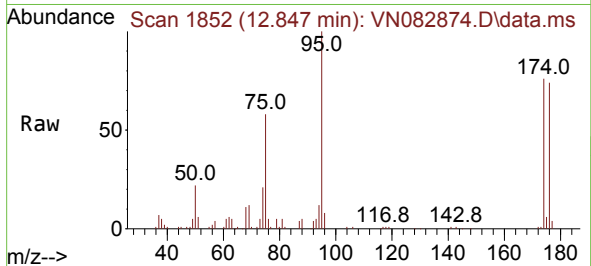




#76
1,2,3-Trichloropropane
Concen: 31.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 53547
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.983 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Tgt Ion: 75 Resp: 53547
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

