

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081865.D
 Acq On : 25 Apr 2024 21:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 26 05:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

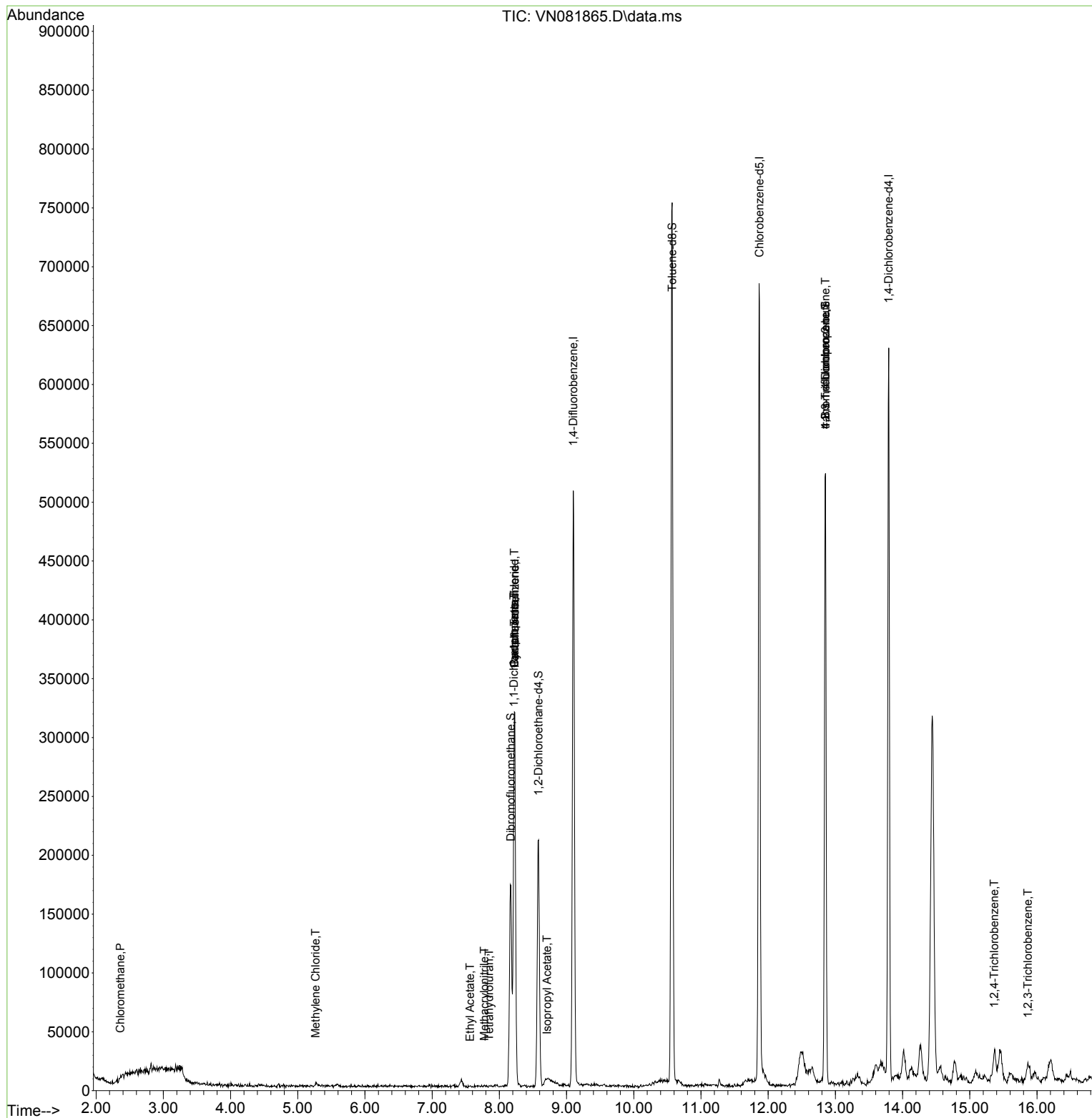
Internal Standards						
1) Pentafluorobenzene	8.230	168	224084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	367827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171641	45.384	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	90.760%	
35) Dibromofluoromethane	8.171	113	124559	50.472	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.940%	
50) Toluene-d8	10.571	98	507003	52.309	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.620%	
62) 4-Bromofluorobenzene	12.853	95	189356	49.421	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	98.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	780	0.238	ug/l #	43
5) Bromomethane	2.948	94	607	Below Cal	#	39
13) Acrolein	4.171	56	371	Below Cal	#	79
16) Acetone	4.424	43	1683	Below Cal		92
20) Methylene Chloride	5.265	84	706	0.218	ug/l #	42
29) Tetrahydrofuran	7.847	42	327	0.212	ug/l #	44
31) Cyclohexane	8.224	56	6294	1.105	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	22073	5.498	ug/l #	49
37) Ethyl Acetate	7.565	43	892	0.205	ug/l #	76
38) Carbon Tetrachloride	8.224	117	23712	6.043	ug/l #	18
41) Methacrylonitrile	7.777	41	1352	0.488	ug/l #	32
43) Isopropyl Acetate	8.712	43	9255	1.134	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	107013	26.717	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107013	54.746	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.364	180	18291	6.359	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.864	180	4548	1.647	ug/l #	16

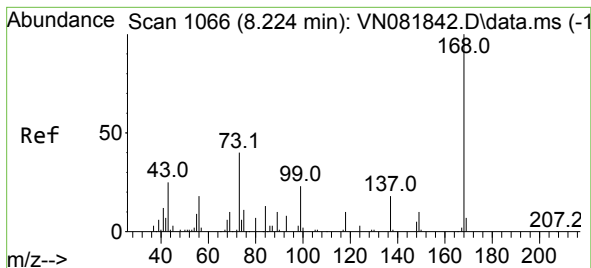
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
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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: VN081865.D

Acq: 25 Apr 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

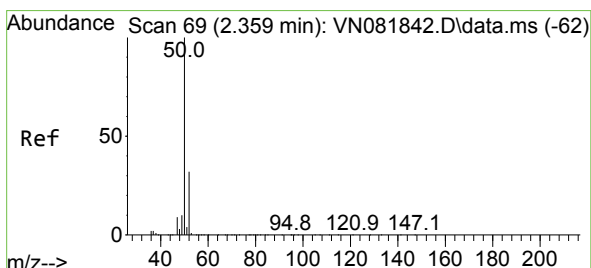
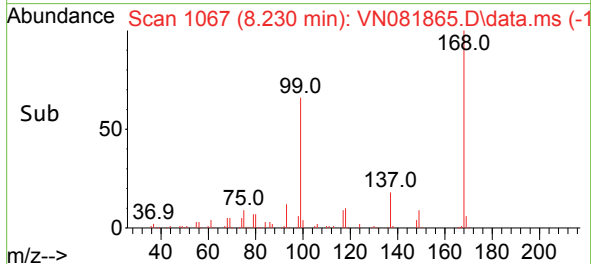
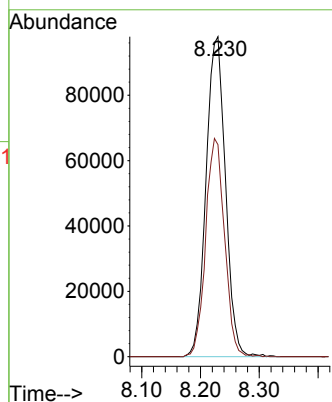
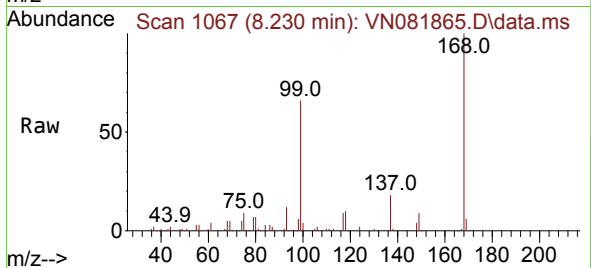
IBLK

Tgt Ion:168 Resp: 224084

Ion Ratio Lower Upper

168 100

99 66.2 48.2 72.4



#3

Chloromethane

Concen: 0.238 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081865.D

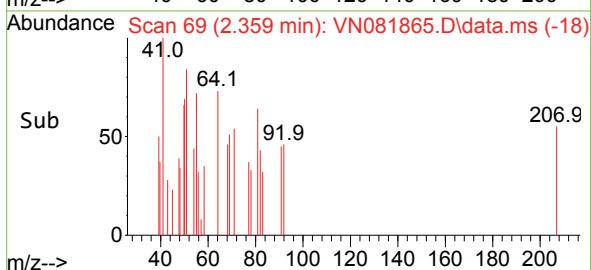
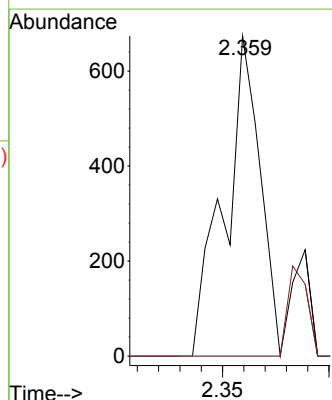
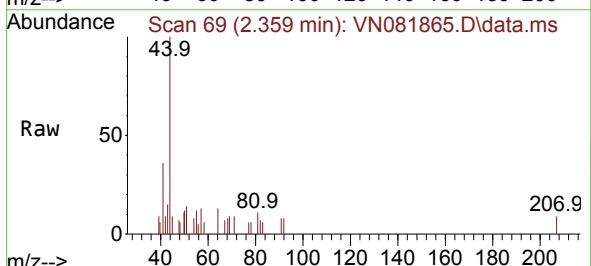
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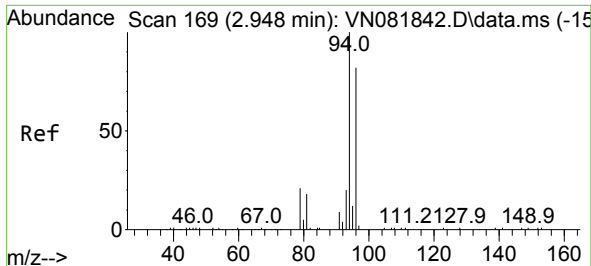
Tgt Ion: 50 Resp: 780

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

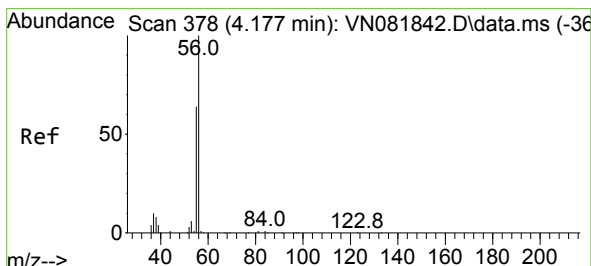
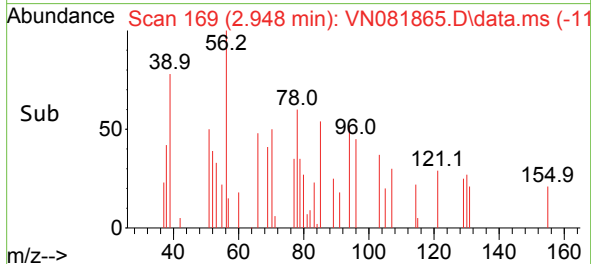
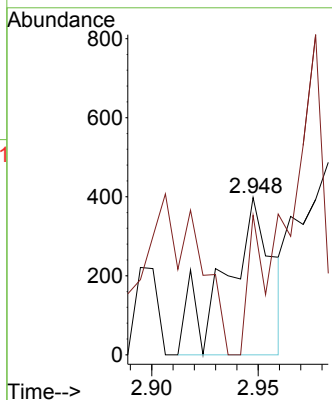
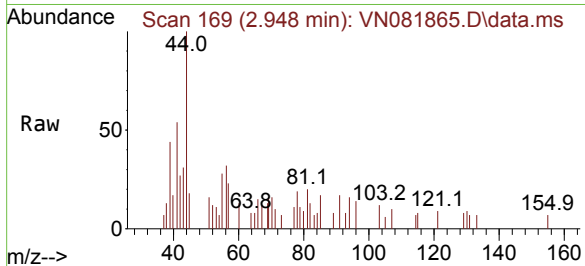




#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

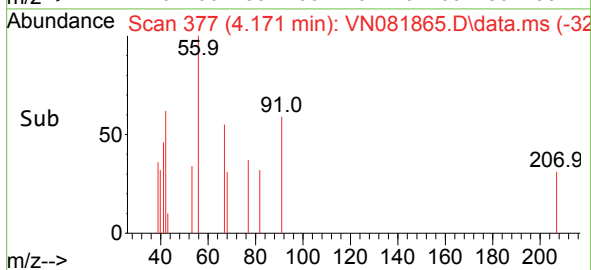
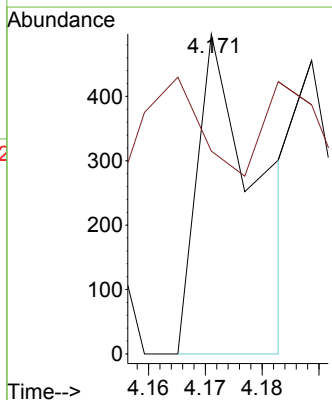
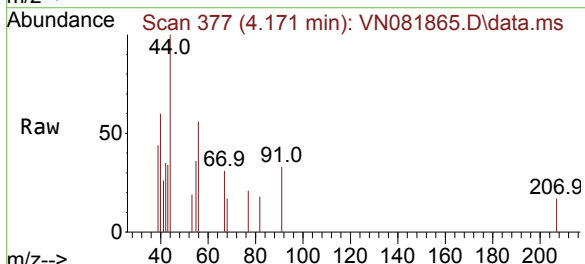
Instrument :
MSVOA_N
ClientSampleId :
IBLK

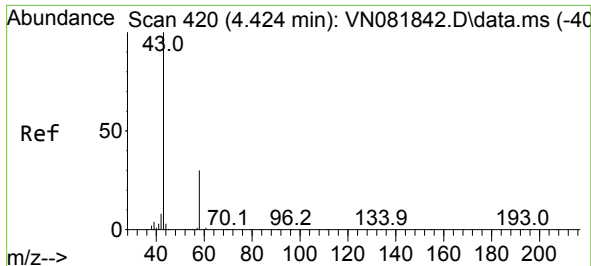
Tgt Ion: 94 Resp: 607
Ion Ratio Lower Upper
94 100
96 34.4 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 56 Resp: 371
Ion Ratio Lower Upper
56 100
55 87.3 55.8 83.8#

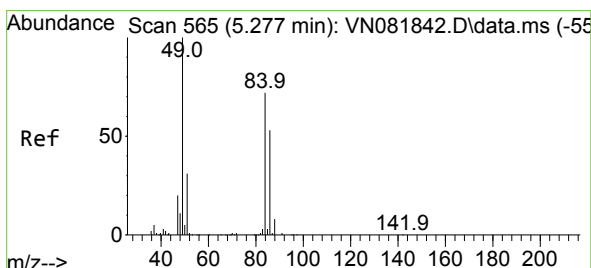
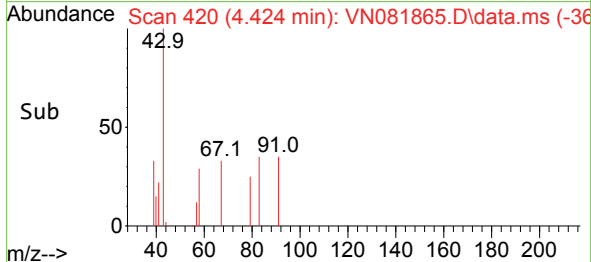
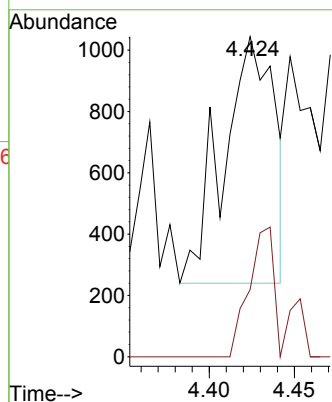
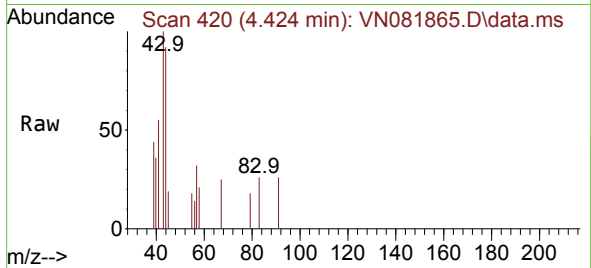




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

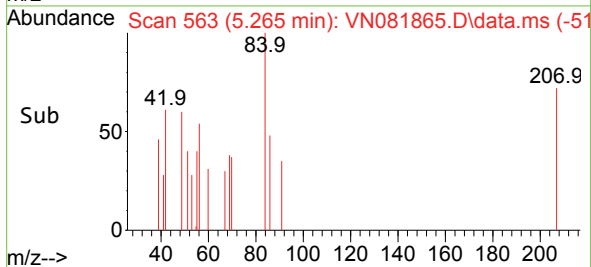
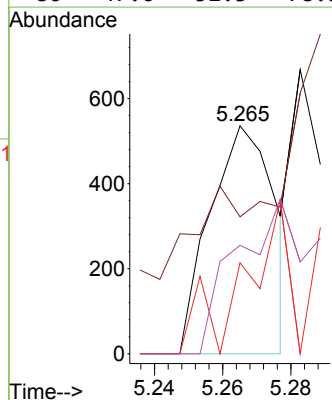
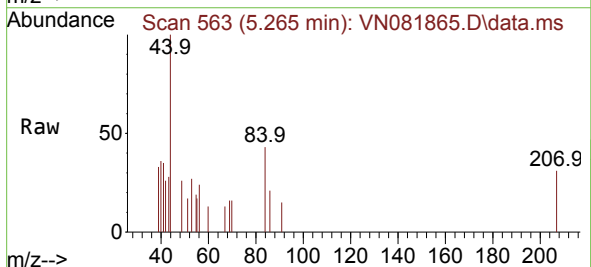
Instrument :
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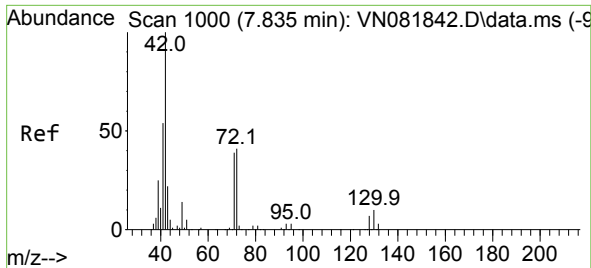
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 27.2 25.2 37.8



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 84 Resp: 706
Ion Ratio Lower Upper
84 100
49 7.5 84.9 127.3#
51 39.9 27.0 40.6
86 47.6 52.3 78.5#

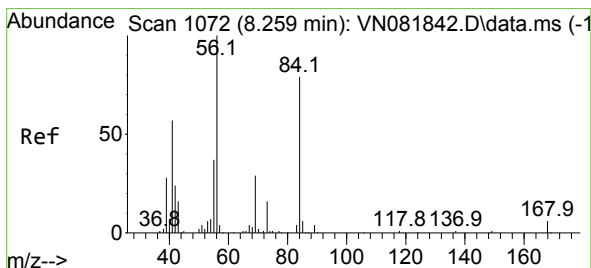
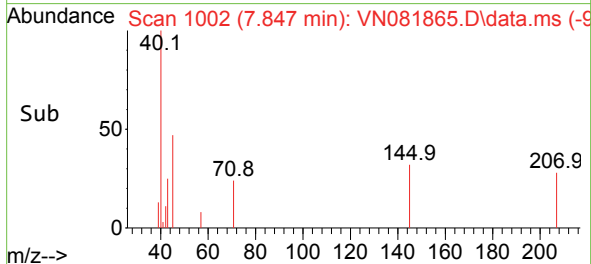
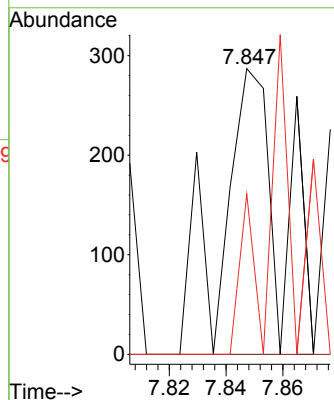
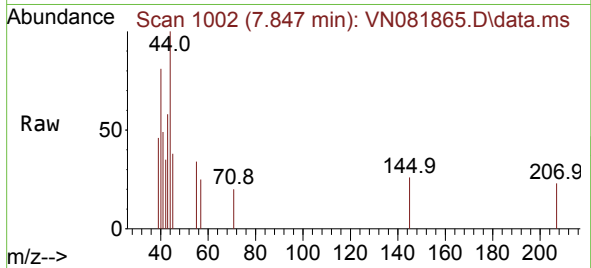




#29
Tetrahydrofuran
Concen: 0.212 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

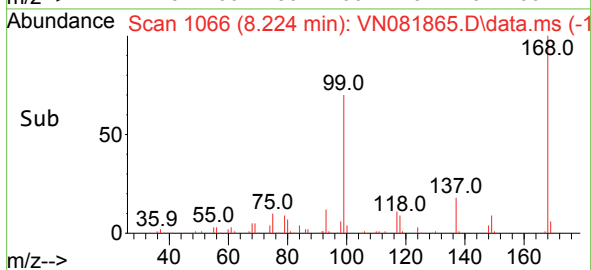
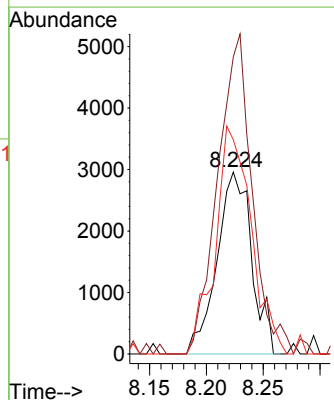
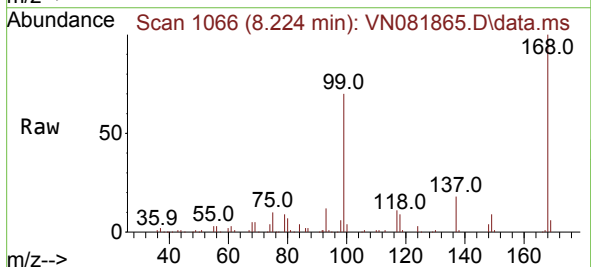
Instrument :
MSVOA_N
ClientSampleId :
IBLK

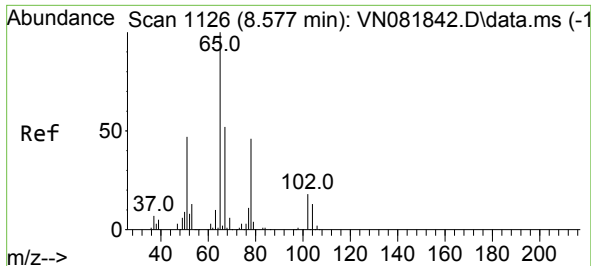
Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 73.1 37.4 56.0#



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 56 Resp: 6294
Ion Ratio Lower Upper
56 100
69 163.2 24.4 36.6#
84 117.6 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 45.384 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

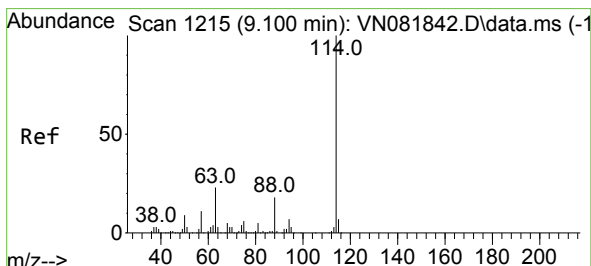
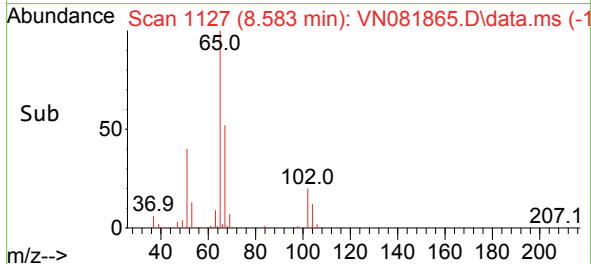
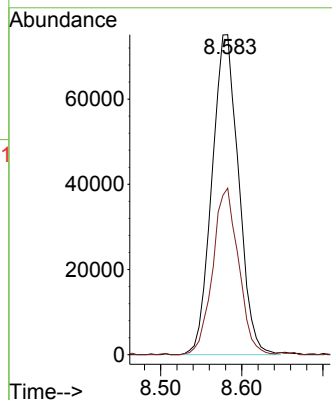
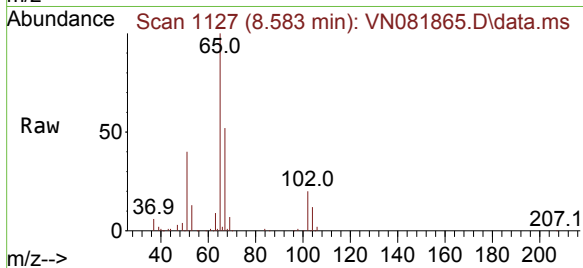
IBLK

Tgt Ion: 65 Resp: 171641

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

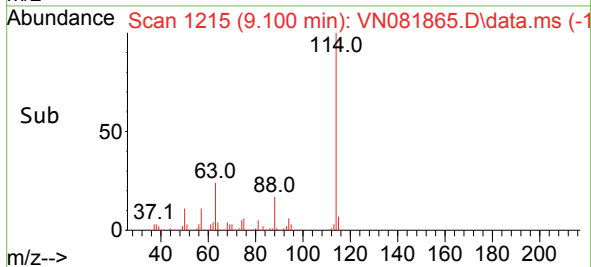
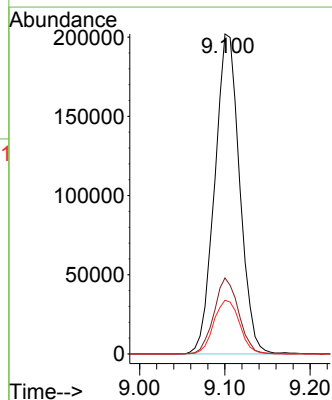
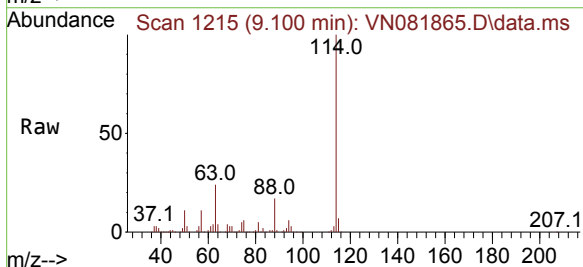
Tgt Ion: 114 Resp: 409892

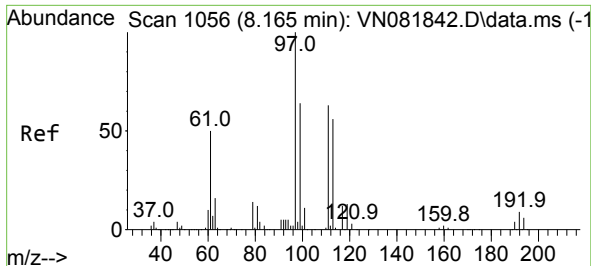
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.8 0.0 31.4

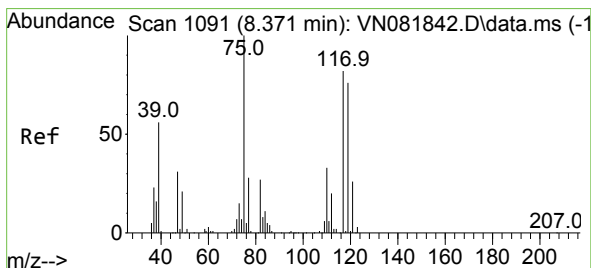
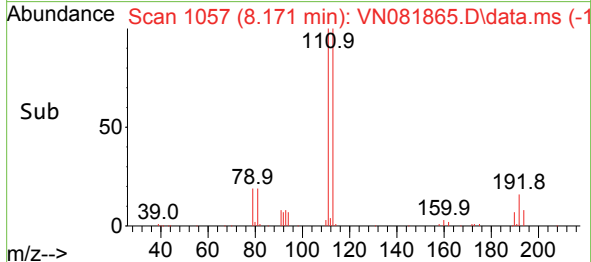
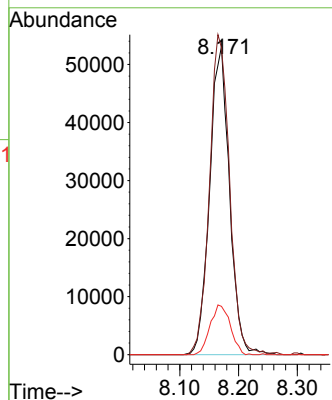
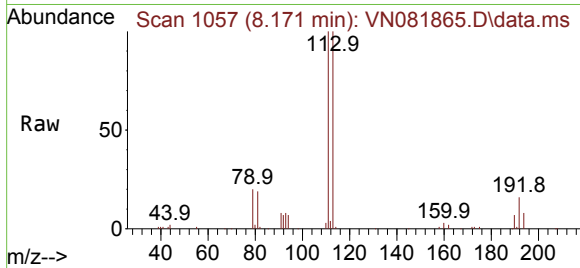




#35
 Dibromofluoromethane
 Concen: 50.472 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN081865.D
 Acq: 25 Apr 2024 21:04

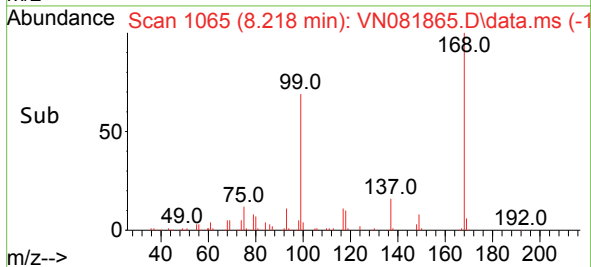
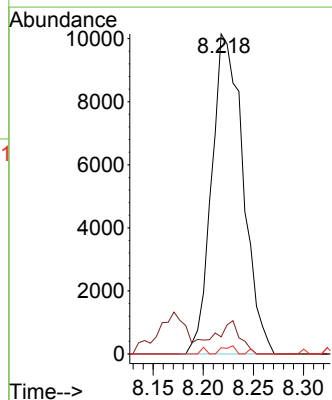
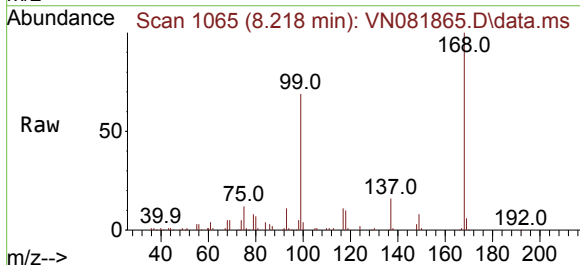
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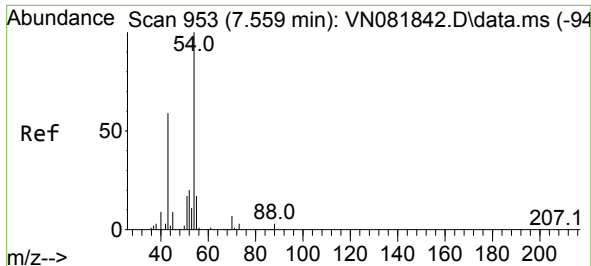
Tgt Ion:113 Resp: 124559
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.2
 192 16.5 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.498 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN081865.D
 Acq: 25 Apr 2024 21:04

Tgt Ion: 75 Resp: 22073
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.8 53.5#
 77 1.0 25.0 37.4#

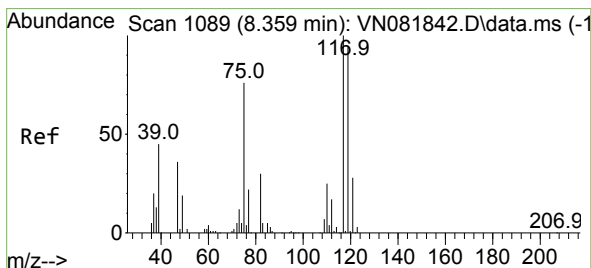
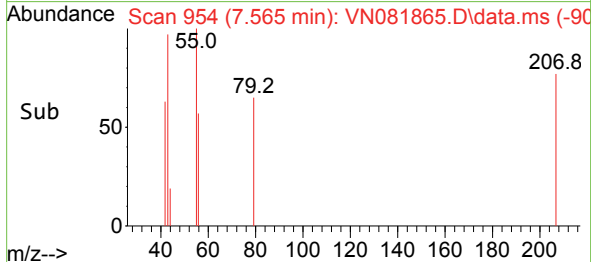
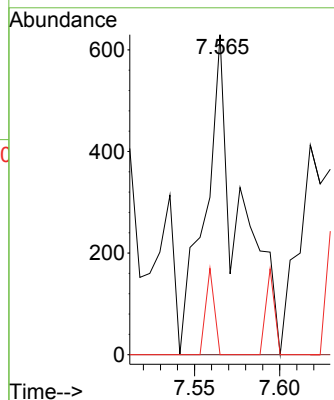
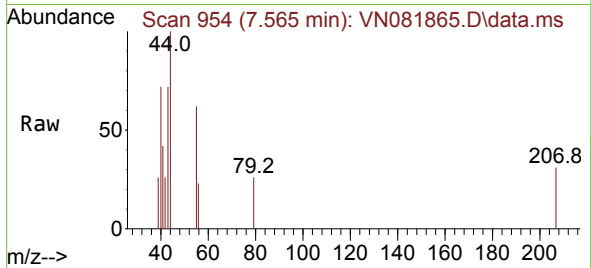




#37
Ethyl Acetate
Concen: 0.205 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

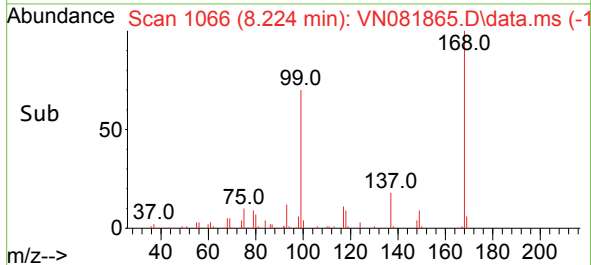
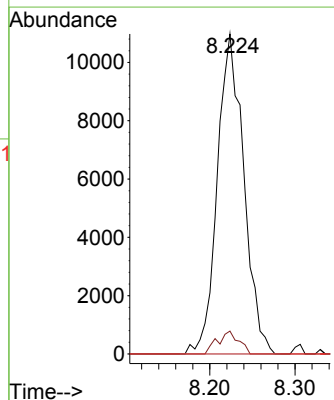
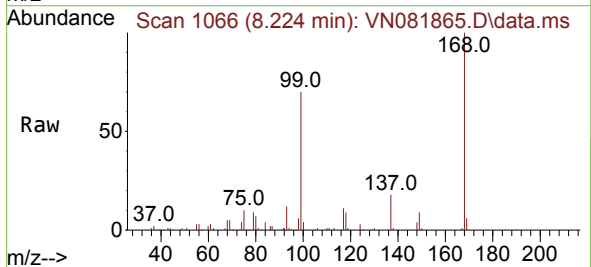
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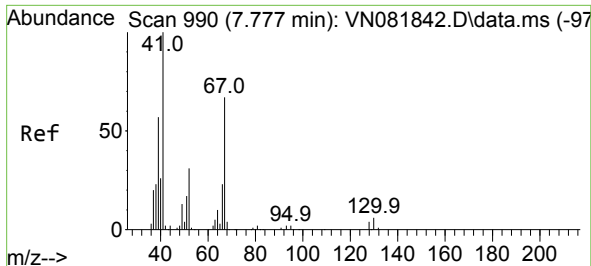
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 6.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 117 Resp: 23712
Ion Ratio Lower Upper
117 100
119 7.2 76.5 114.7#
121 0.0 23.9 35.9#

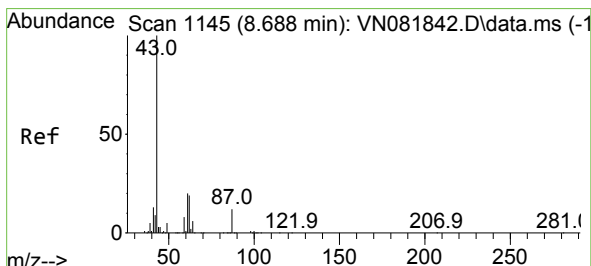
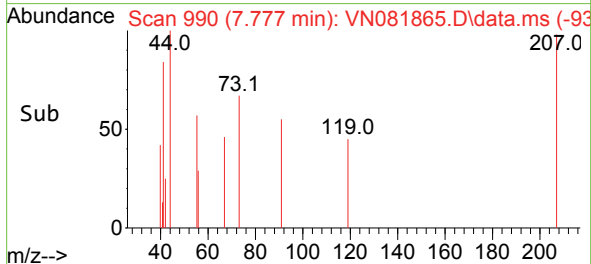
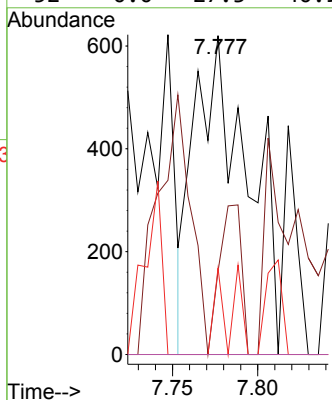
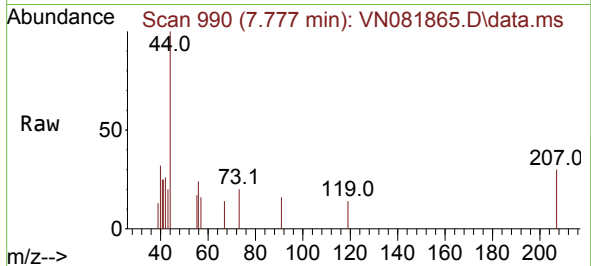




#41
Methacrylonitrile
Concen: 0.488 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

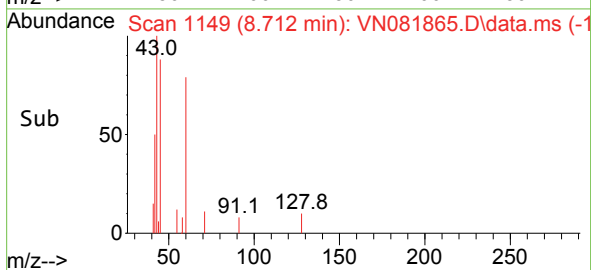
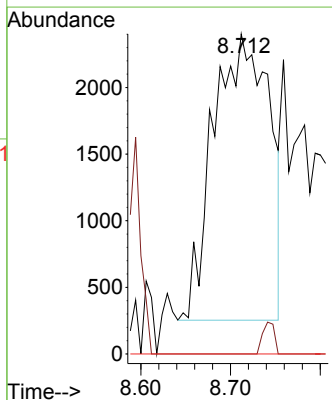
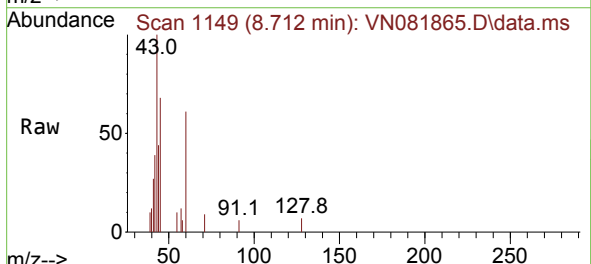
Instrument :
MSVOA_N
ClientSampleId :
IBLK

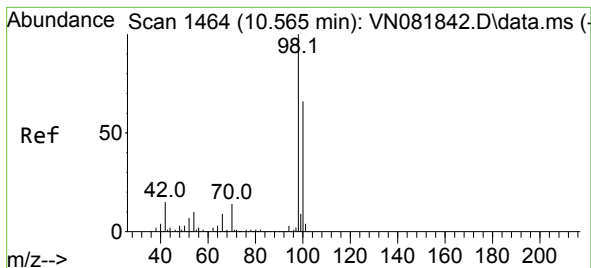
Tgt Ion:	41	Resp:	1352
Ion	Ratio	Lower	Upper
41	100		
39	19.4	46.6	69.8#
67	8.9	67.3	100.9#
52	0.0	27.3	40.9#



#43
Isopropyl Acetate
Concen: 1.134 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion:	43	Resp:	9255
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#





#50

Toluene-d8

Concen: 52.309 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

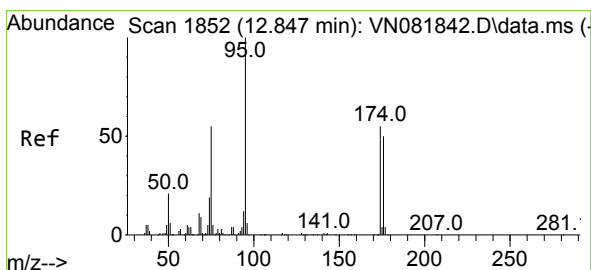
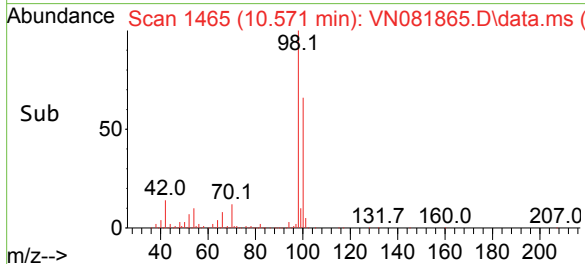
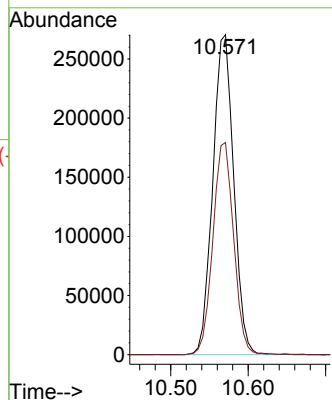
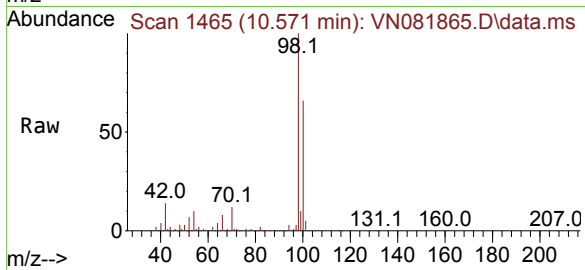
IBLK

Tgt Ion: 98 Resp: 507003

Ion Ratio Lower Upper

98 100

100 65.8 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 49.421 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

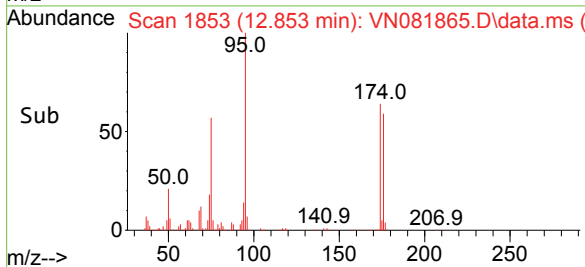
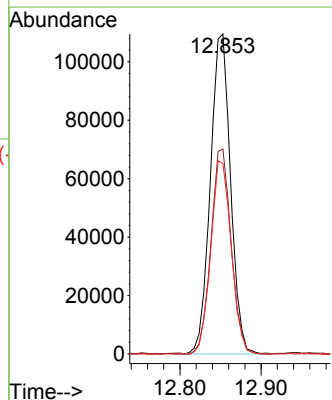
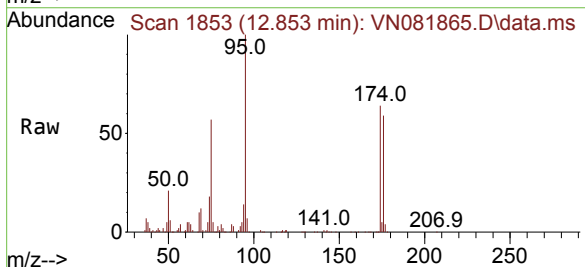
Tgt Ion: 95 Resp: 189356

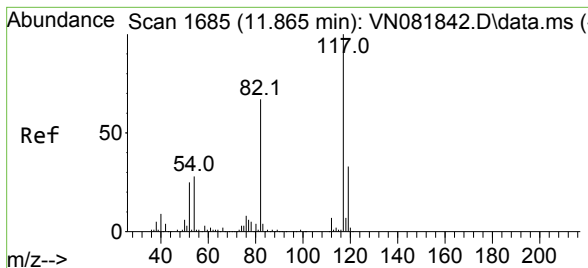
Ion Ratio Lower Upper

95 100

174 64.0 0.0 160.6

176 60.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

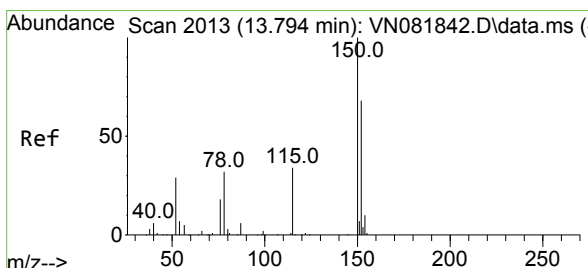
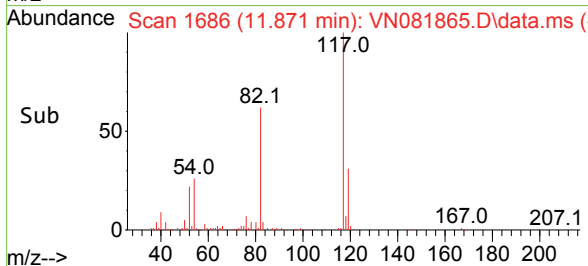
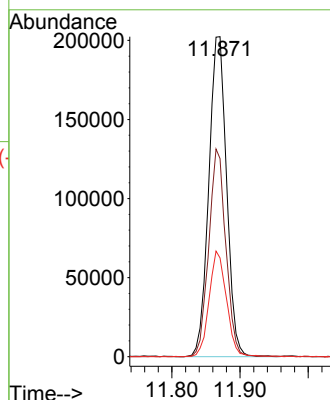
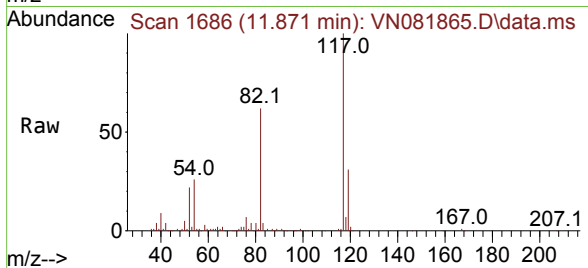
Tgt Ion:117 Resp: 367827

Ion Ratio Lower Upper

117 100

82 61.9 44.6 66.8

119 30.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

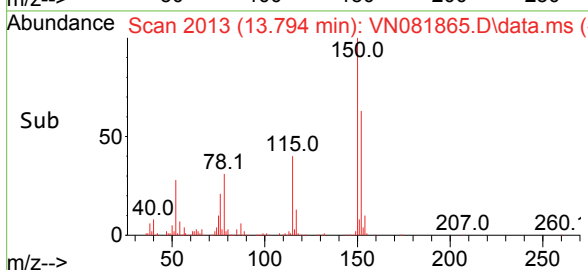
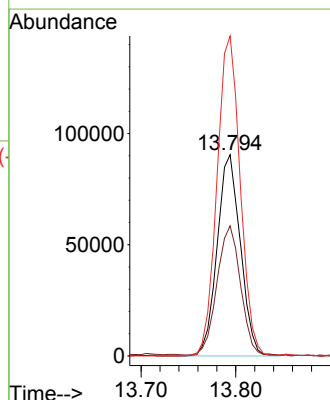
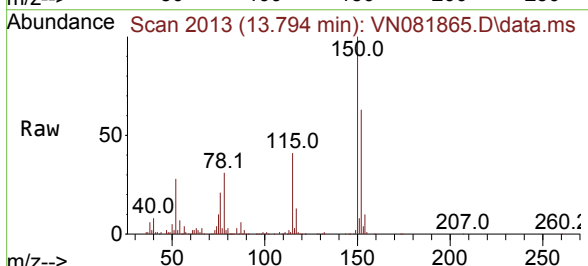
Tgt Ion:152 Resp: 154485

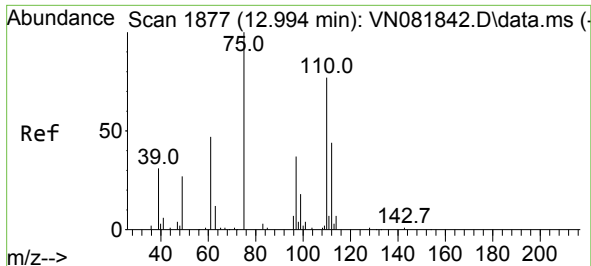
Ion Ratio Lower Upper

152 100

115 66.1 30.4 91.3

150 158.3 0.0 353.2

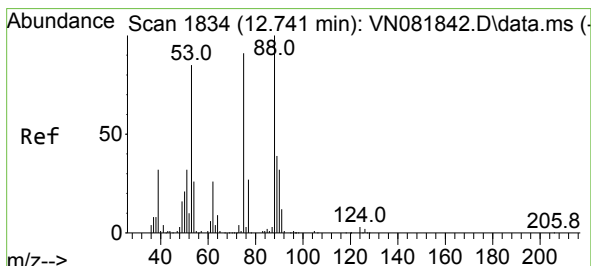
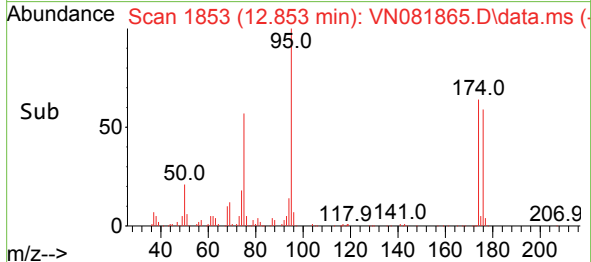
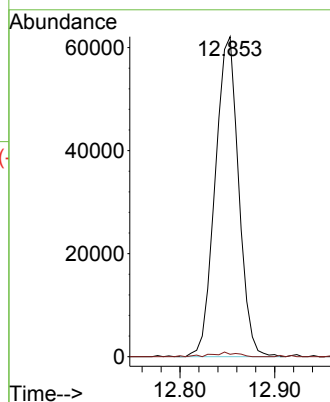
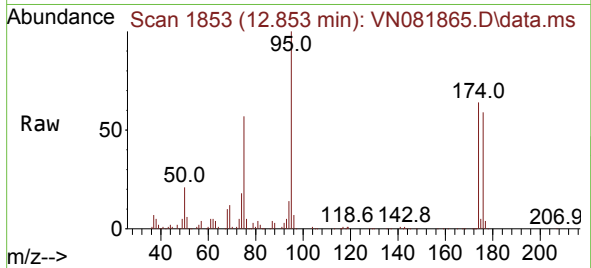




#76
1,2,3-Trichloropropane
Concen: 26.717 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

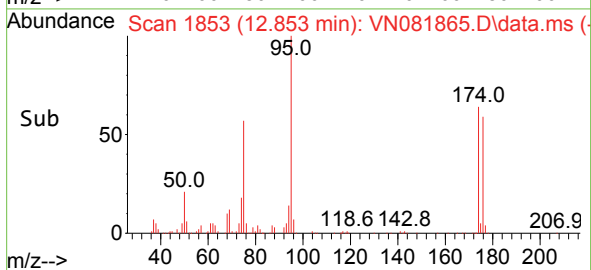
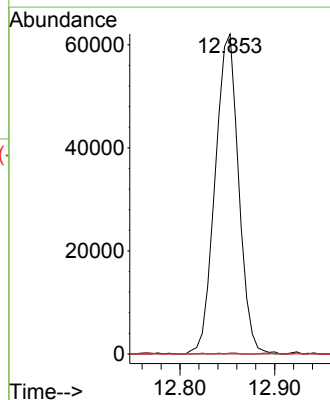
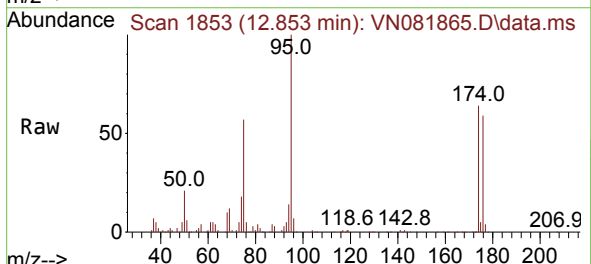
Instrument :
MSVOA_N
ClientSampleId :
IBLK

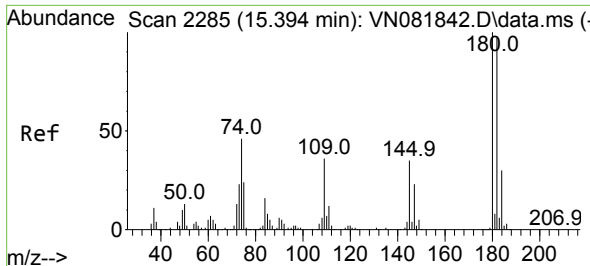
Tgt Ion: 75 Resp: 107013
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.746 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 75 Resp: 107013
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#

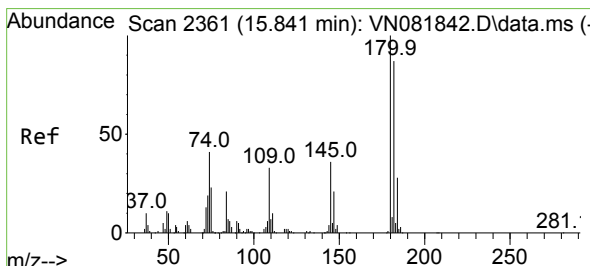
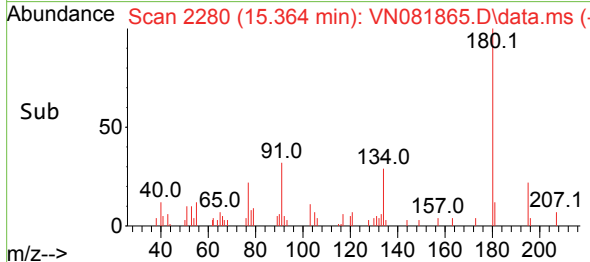
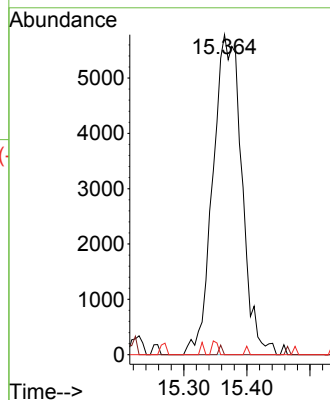
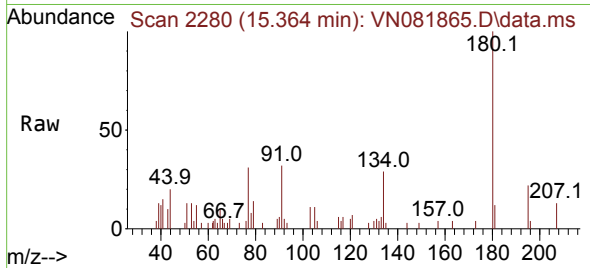




#93
 1,2,4-Trichlorobenzene
 Concen: 6.359 ug/l
 RT: 15.364 min Scan# 2180
 Delta R.T. -0.029 min
 Lab File: VN081865.D
 Acq: 25 Apr 2024 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 18291
 Ion Ratio Lower Upper
 180 100
 182 0.3 46.7 140.0#
 145 0.9 16.2 48.6#



#96
 1,2,3-Trichlorobenzene
 Concen: 1.647 ug/l
 RT: 15.864 min Scan# 2365
 Delta R.T. 0.024 min
 Lab File: VN081865.D
 Acq: 25 Apr 2024 21:04

Tgt Ion:180 Resp: 4548
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.0 137.8#
 145 5.9 17.1 51.3#

