

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080838.D
 Acq On : 31 Jan 2024 14:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 31 23:16:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

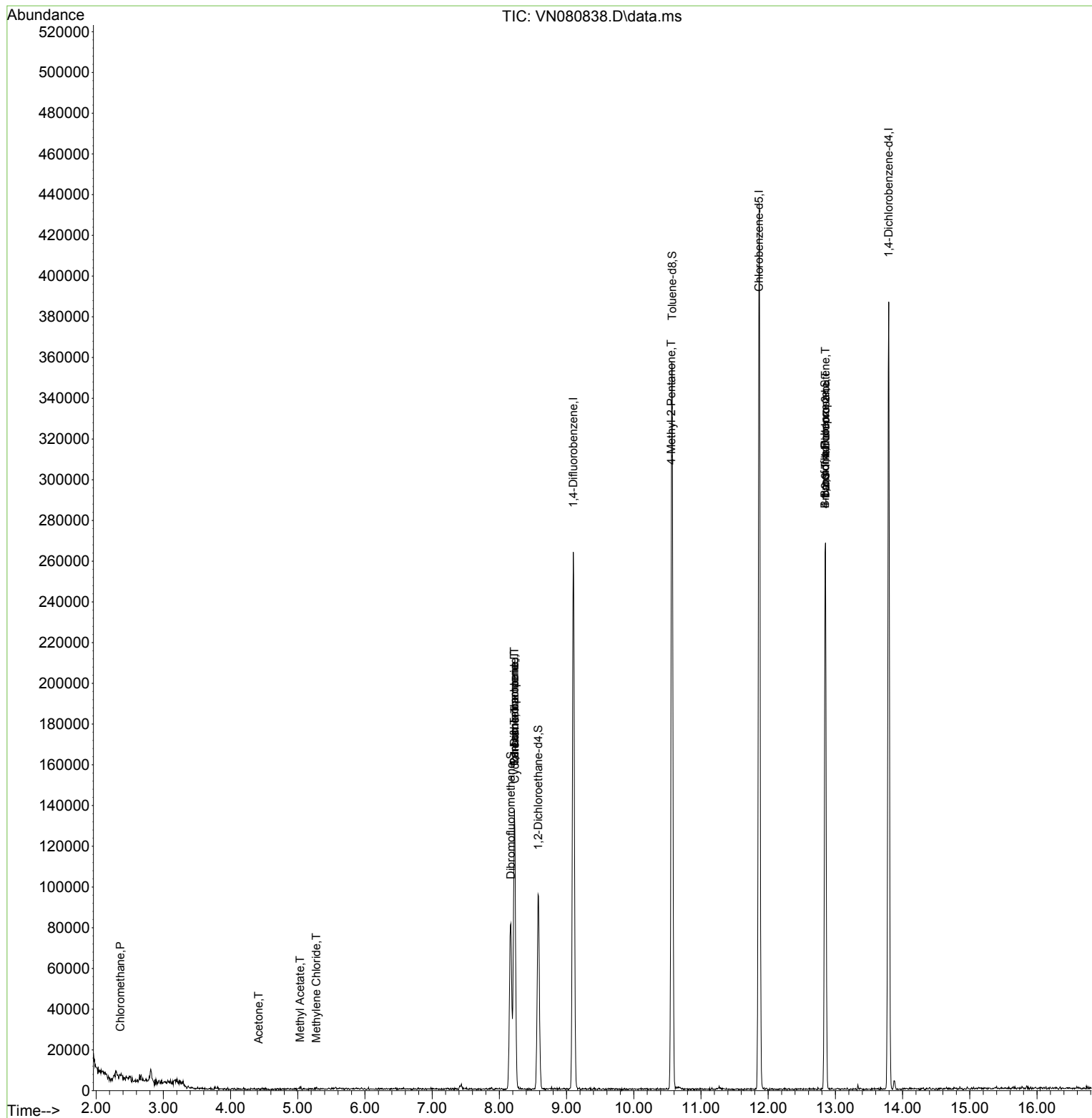
Internal Standards						
1) Pentafluorobenzene	8.224	168	84517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	203543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	71404	48.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.680%
35) Dibromofluoromethane	8.171	113	58633	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	10.571	98	235802	48.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.847	95	91247	53.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1254	0.665	ug/l	96
16) Acetone	4.418	43	180	0.339	ug/l #	44
18) Methyl Acetate	5.036	43	719	0.389	ug/l #	54
20) Methylene Chloride	5.277	84	301	0.216	ug/l #	49
31) Cyclohexane	8.230	56	3938	1.571	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	9720	4.199	ug/l #	45
38) Carbon Tetrachloride	8.224	117	11208	6.010	ug/l #	21
51) 4-Methyl-2-Pentanone	10.559	43	1458	0.601	ug/l #	1
71) Bromoform	12.847	173	340	0.329	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	52478	20.395	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	52478	52.541	ug/l #	14

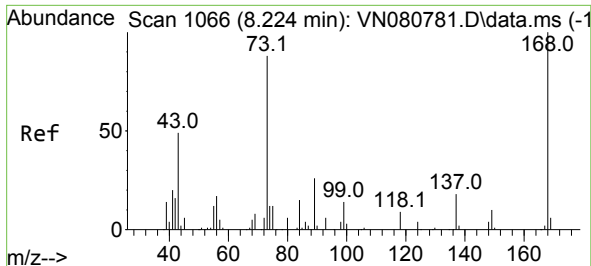
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
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MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
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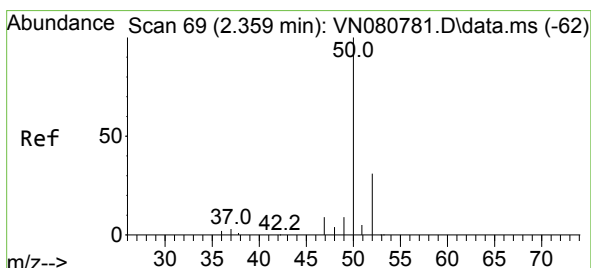
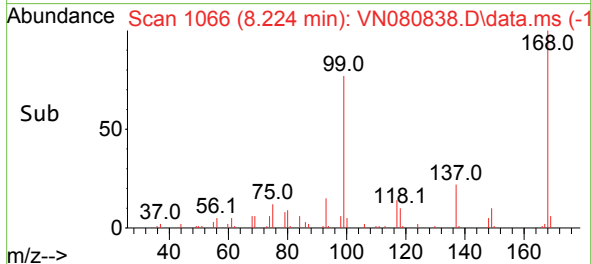
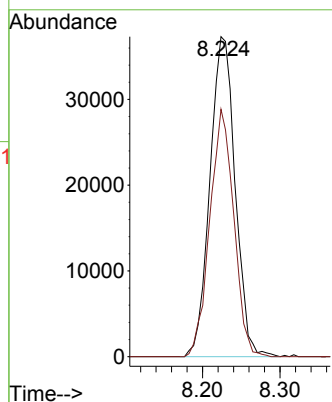
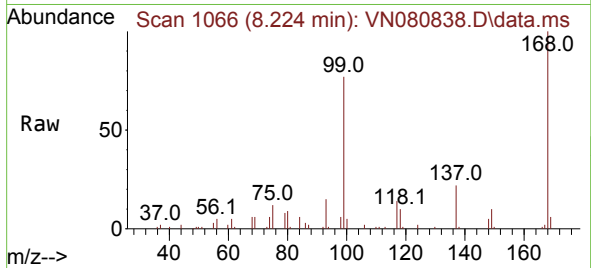




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

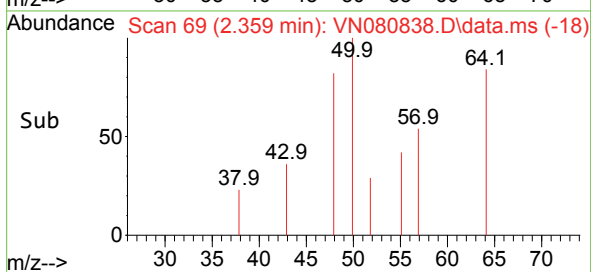
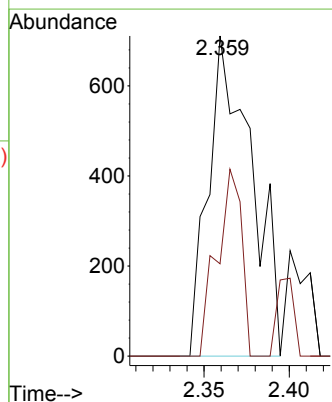
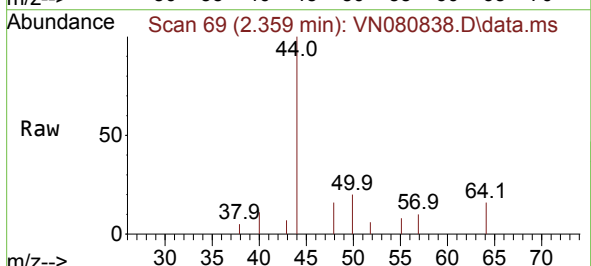
Instrument :
MSVOA_N
ClientSampleId :
IBLK

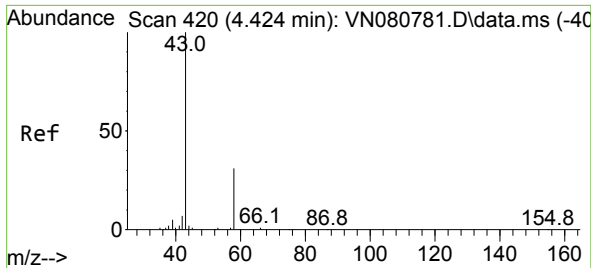
Tgt Ion:168 Resp: 84517
Ion Ratio Lower Upper
168 100
99 77.3 59.9 89.9



#3
Chloromethane
Concen: 0.665 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 28.8 25.0 37.4

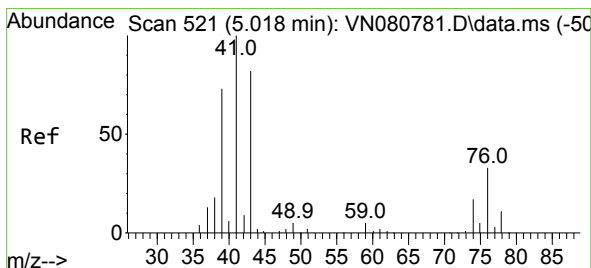
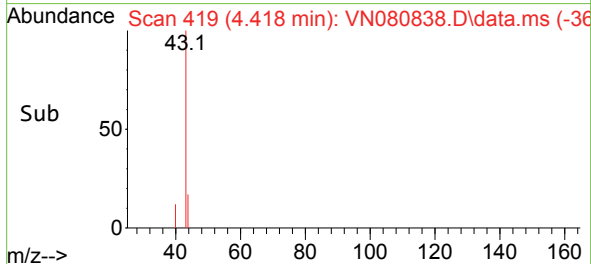
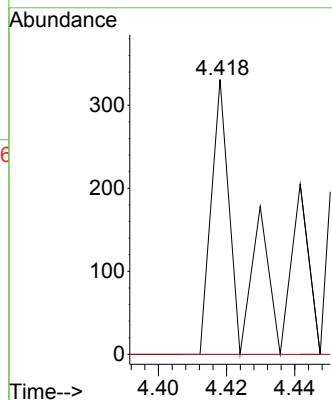
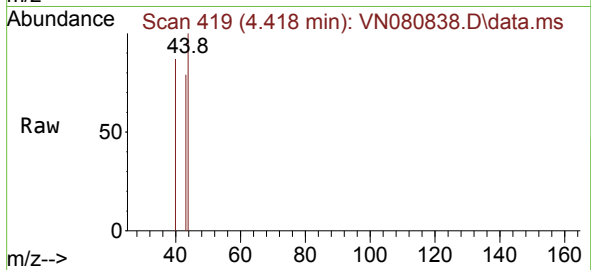




#16
Acetone
Concen: 0.339 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

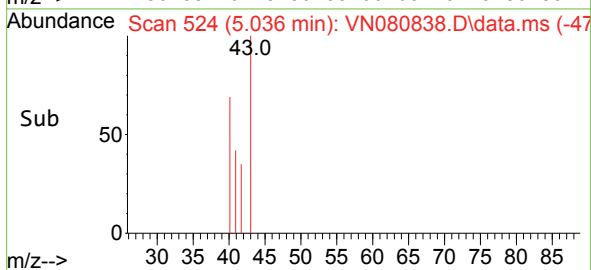
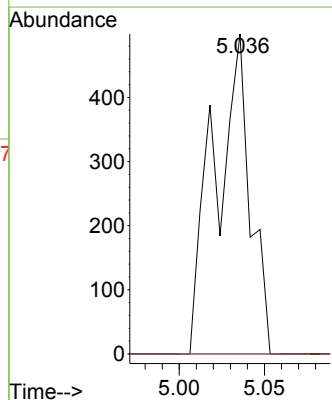
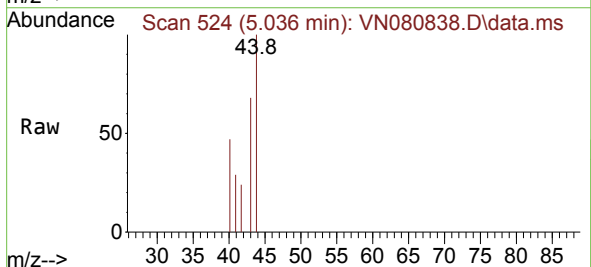
Instrument :
MSVOA_N
ClientSampleId :
IBLK

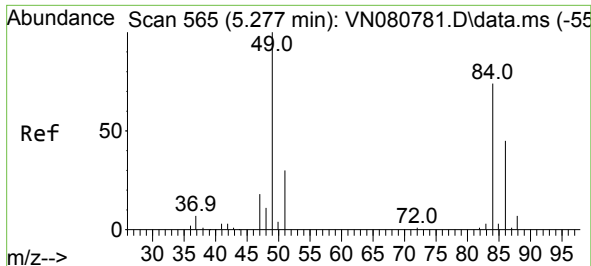
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#18
Methyl Acetate
Concen: 0.389 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

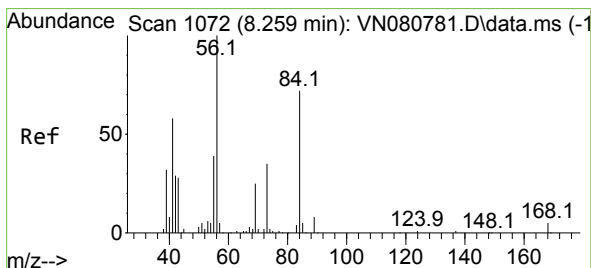
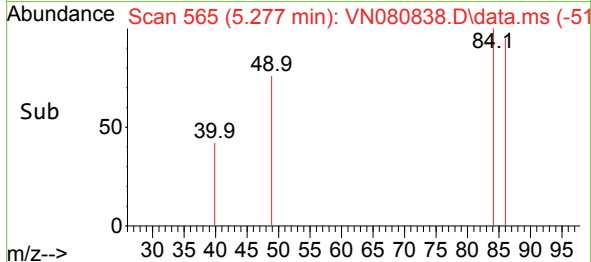
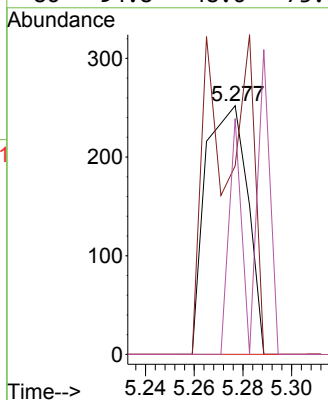
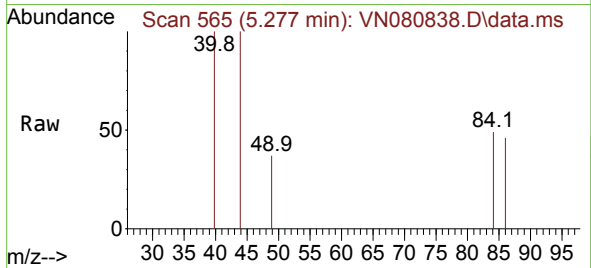




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

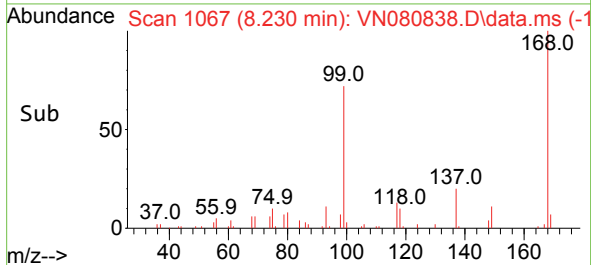
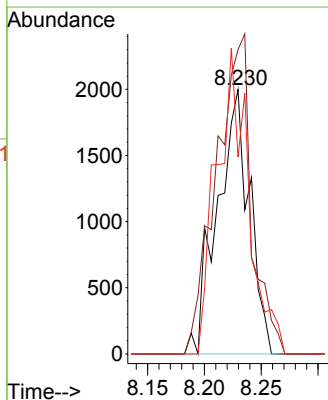
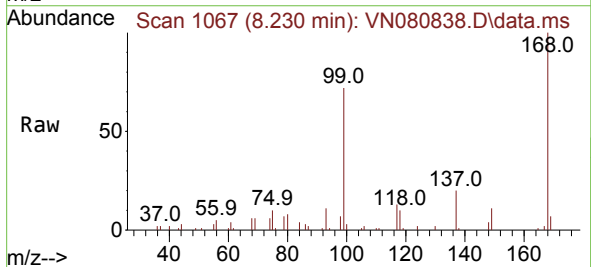
Instrument :
MSVOA_N
ClientSampleId :
IBLK

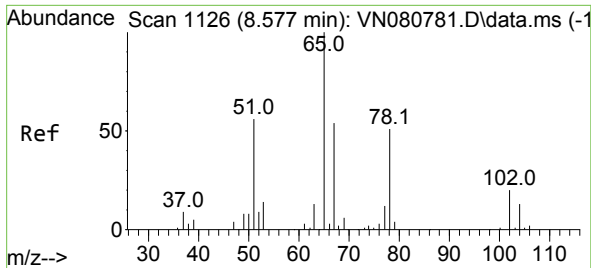
Tgt Ion: 84	Resp: 301
Ion Ratio	Lower Upper
84 100	
49 75.8	108.1 162.1#
51 0.0	32.9 49.3#
86 94.8	48.6 73.0#



#31
Cyclohexane
Concen: 1.571 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 56	Resp: 3938
Ion Ratio	Lower Upper
56 100	
69 115.1	20.1 30.1#
84 74.5	56.9 85.3

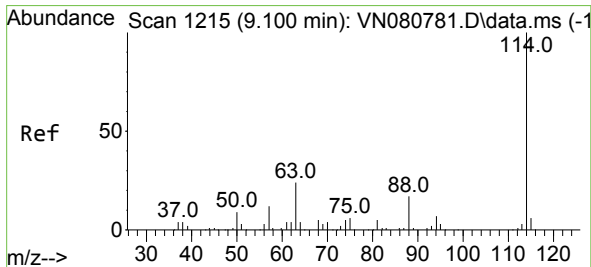
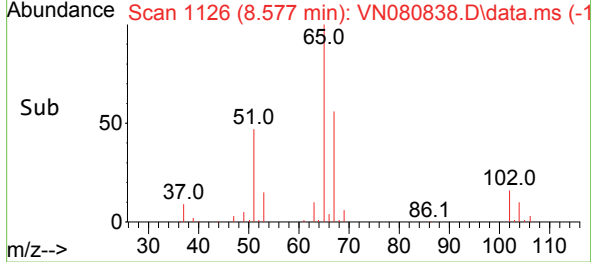
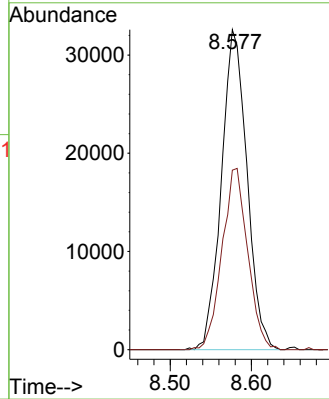
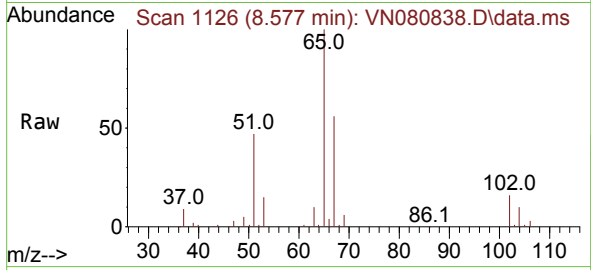




#33
1,2-Dichloroethane-d4
Concen: 48.836 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

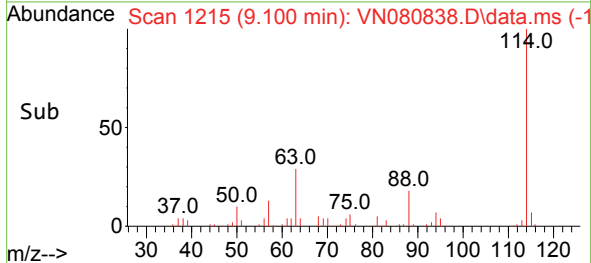
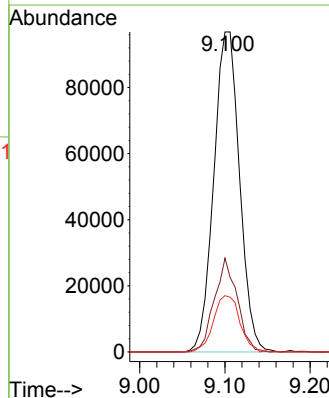
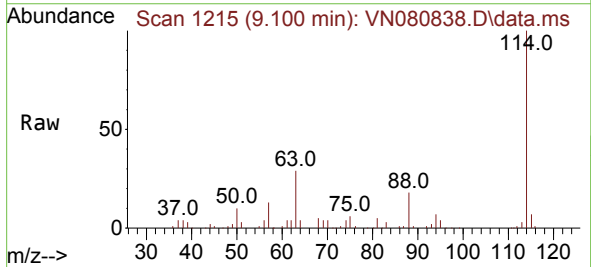
Instrument :
MSVOA_N
ClientSampleId :
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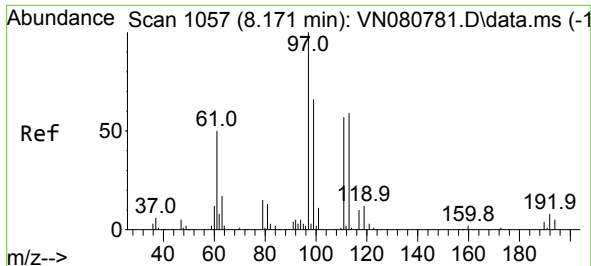
Tgt Ion: 65 Resp: 71404
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 114 Resp: 203543
Ion Ratio Lower Upper
114 100
63 29.3 0.0 48.0
88 17.6 0.0 34.8

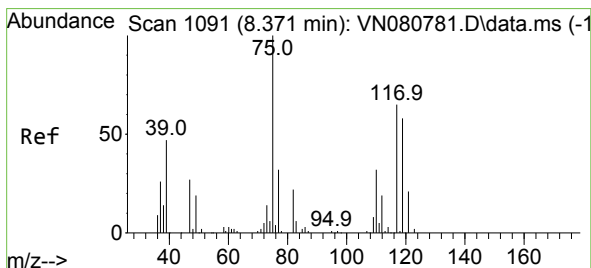
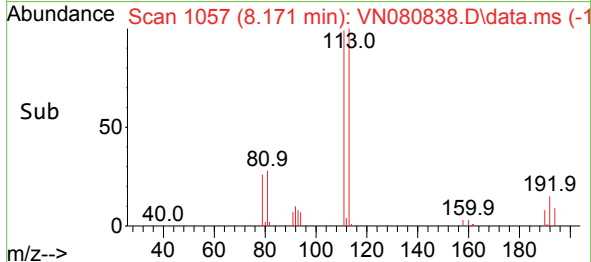
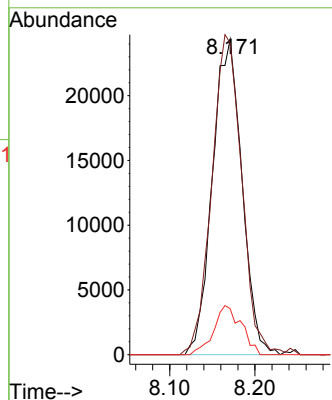
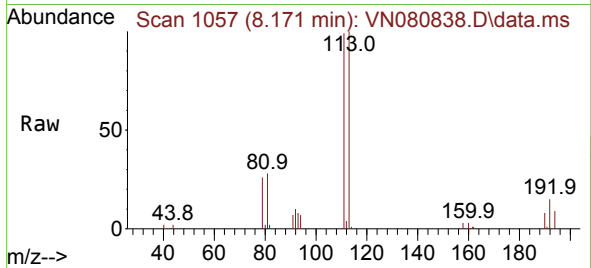




#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

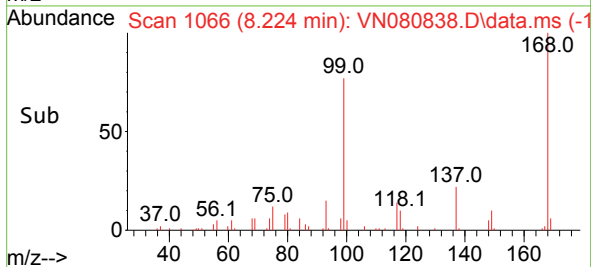
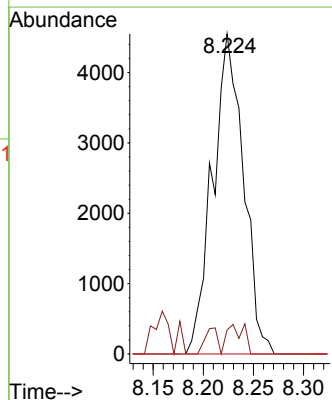
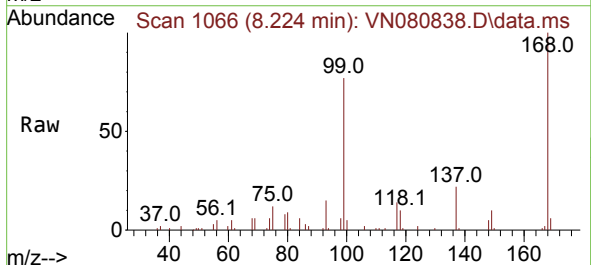
Instrument :
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IBLK

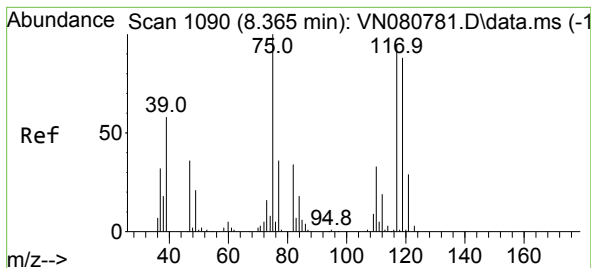
Tgt Ion:113 Resp: 58633
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 14.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 75 Resp: 9720
Ion Ratio Lower Upper
75 100
110 3.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.010 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080838.D

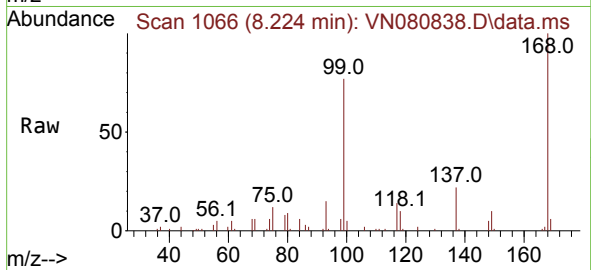
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Instrument :

MSVOA_N

ClientSampleId :

IBLK



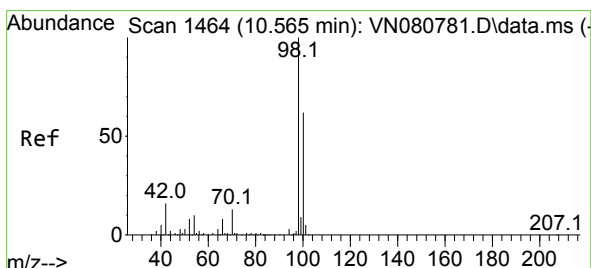
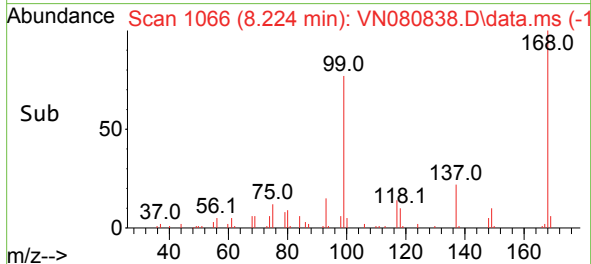
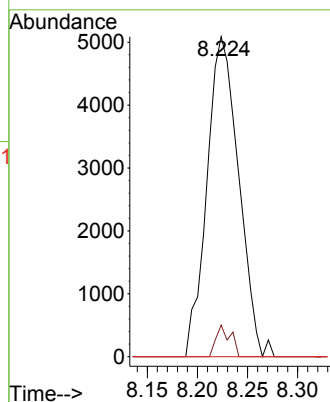
Tgt Ion:117 Resp: 11208

Ion Ratio Lower Upper

117 100

119 9.8 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.380 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080838.D

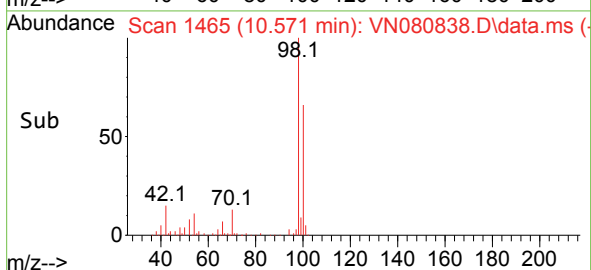
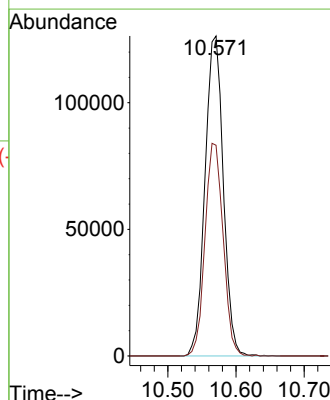
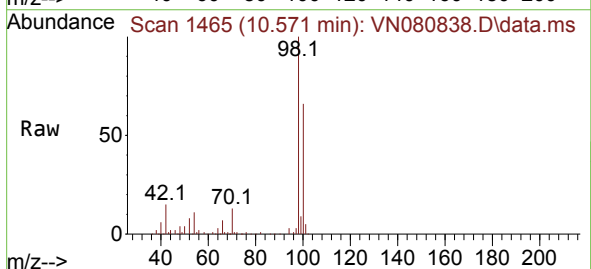
Acq: 31 Jan 2024 14:21

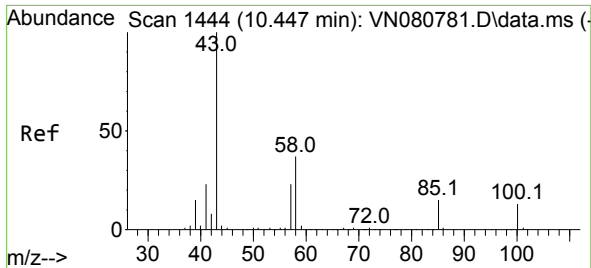
Tgt Ion: 98 Resp: 235802

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

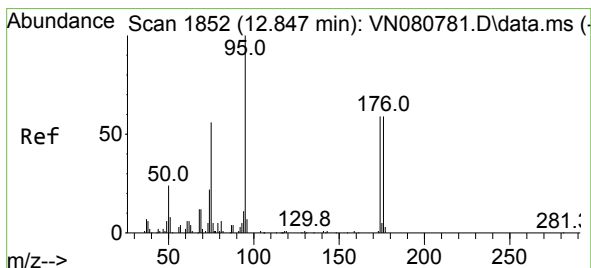
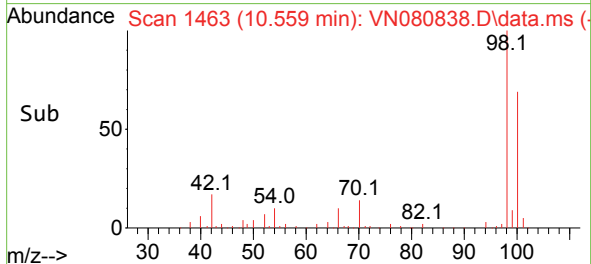
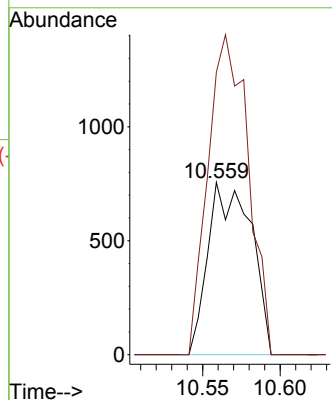
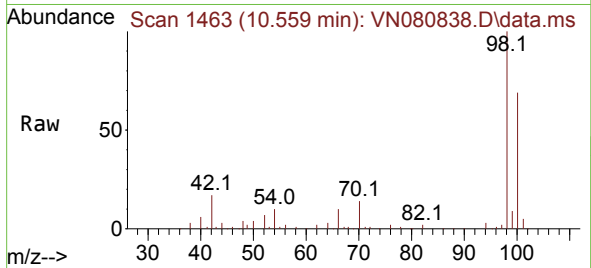




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

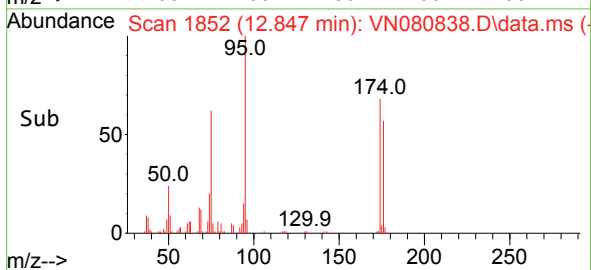
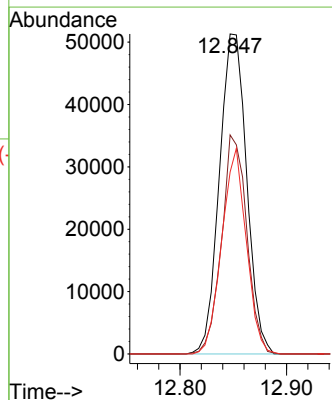
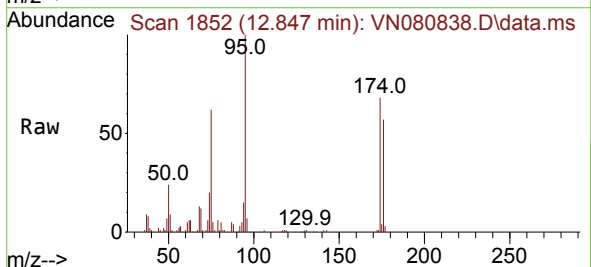
Instrument :
MSVOA_N
ClientSampleId :
IBLK

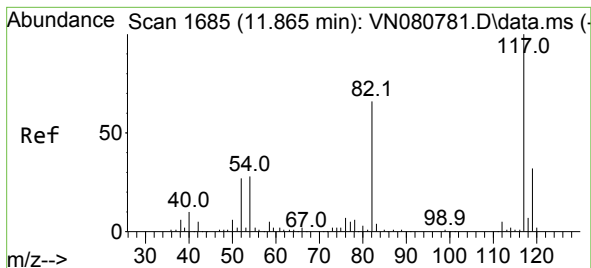
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 173.7 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 53.724 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Tgt Ion: 95 Resp: 91247
Ion Ratio Lower Upper
95 100
174 63.4 0.0 120.4
176 57.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080838.D

Acq: 31 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

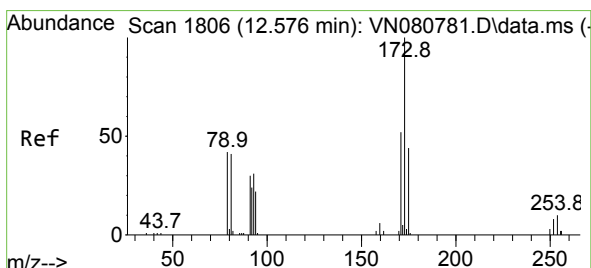
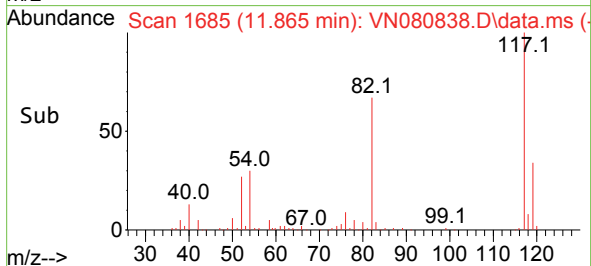
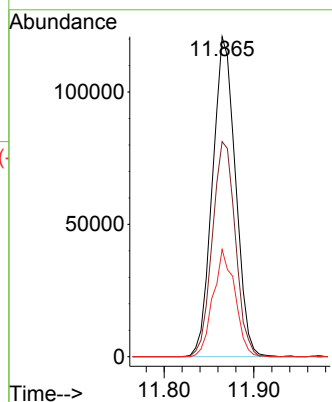
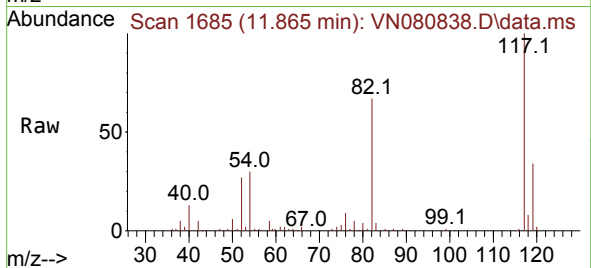
Tgt Ion:117 Resp: 215248

Ion Ratio Lower Upper

117 100

82 67.2 52.7 79.1

119 33.5 25.3 37.9



#71

Bromoform

Concen: 0.329 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN080838.D

Acq: 31 Jan 2024 14:21

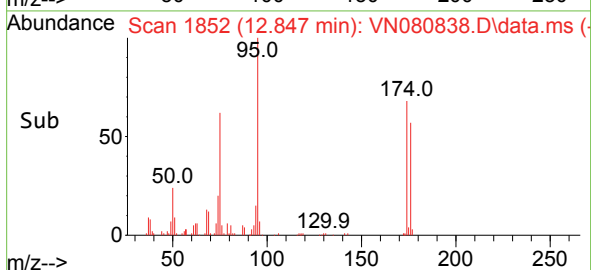
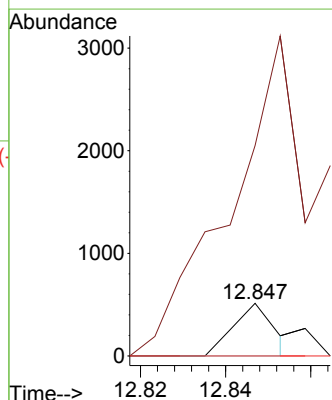
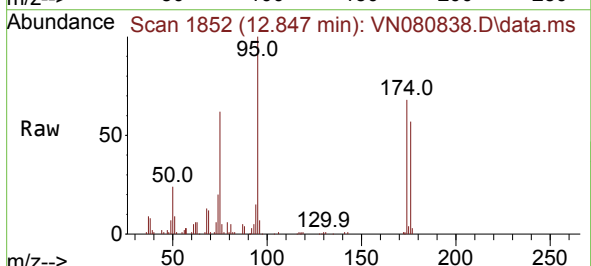
Tgt Ion:173 Resp: 340

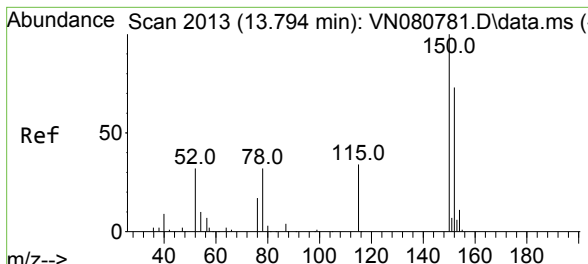
Ion Ratio Lower Upper

173 100

175 0.0 23.1 69.2#

254 0.0 0.0 0.0

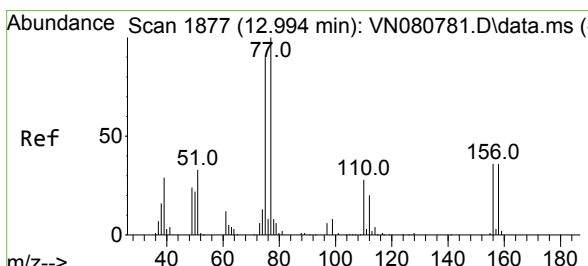
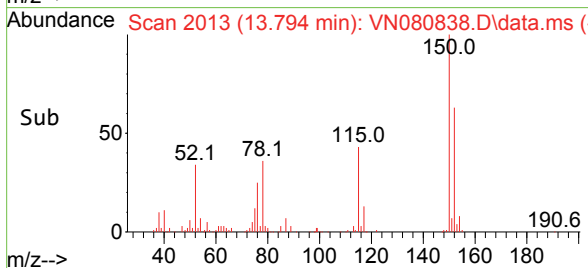
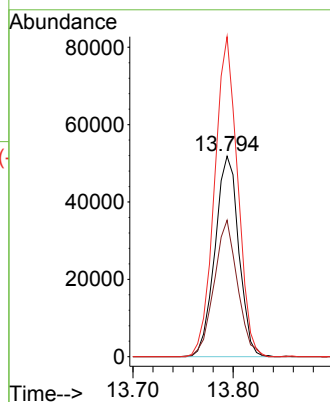
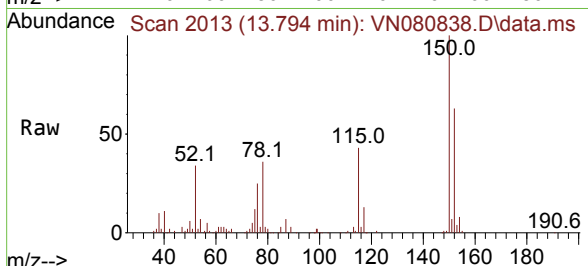




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080838.D
 Acq: 31 Jan 2024 14:21

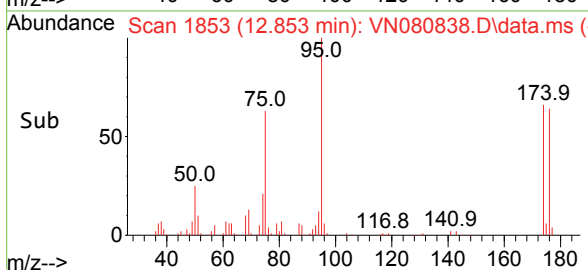
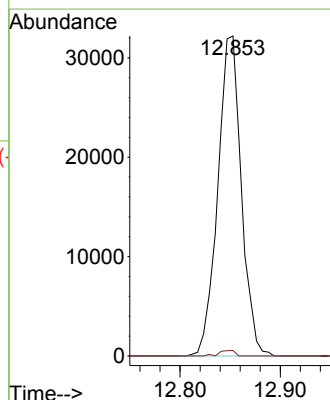
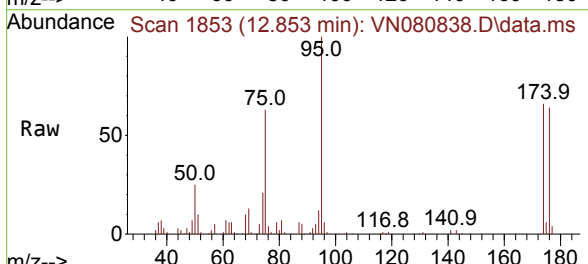
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

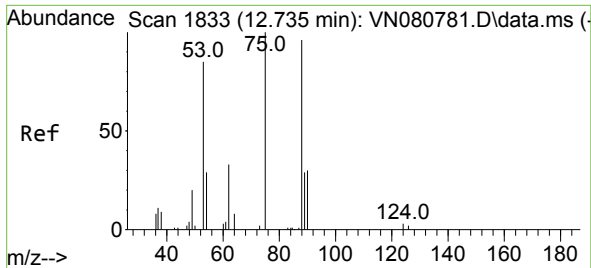
Tgt Ion:152 Resp: 85315
 Ion Ratio Lower Upper
 152 100
 115 67.3 32.3 96.8
 150 154.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 20.395 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080838.D
 Acq: 31 Jan 2024 14:21

Tgt Ion: 75 Resp: 52478
 Ion Ratio Lower Upper
 75 100
 77 1.2 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.541 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080838.D
Acq: 31 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 52478
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

