

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081601.D
 Acq On : 28 Mar 2024 16:52
 Operator : JC\MD
 Sample : P1916-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Mar 29 02:46:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

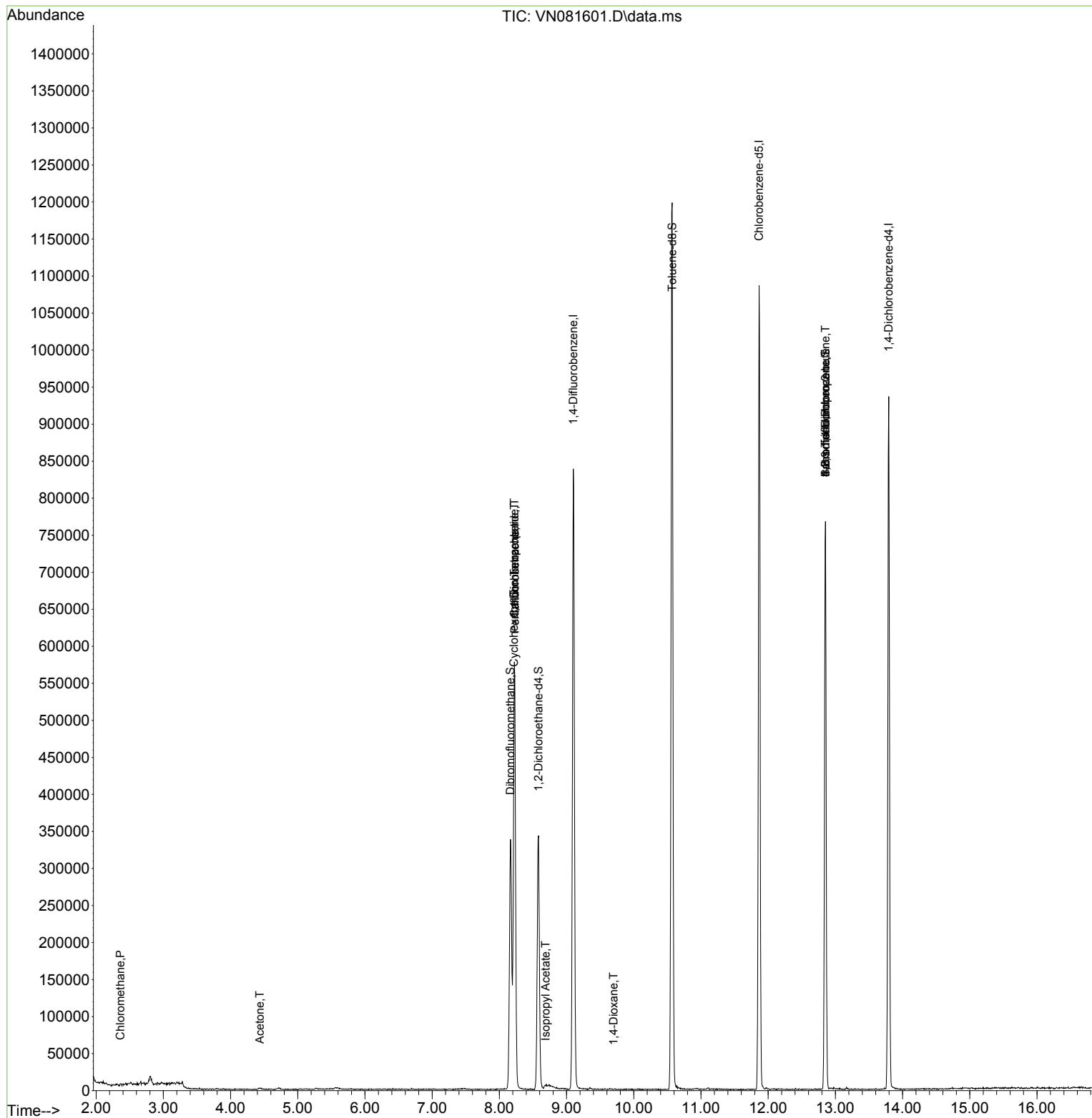
Internal Standards						
1) Pentafluorobenzene	8.230	168	398555	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	741995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277847	54.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	8.165	113	237724	50.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	10.571	98	859871	50.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.853	95	266606	44.698	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 89.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1272	0.238	ug/l	# 70
16) Acetone	4.436	43	1551	0.944	ug/l	93
31) Cyclohexane	8.218	56	9076	1.097	ug/l	# 20
36) 1,1-Dichloropropene	8.224	75	33889	4.300	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	45643	5.287	ug/l	# 18
43) Isopropyl Acetate	8.688	43	4074	0.364	ug/l	# 57
49) 1,4-Dioxane	9.700	88	82	0.661	ug/l	# 1
71) Bromoform	12.853	173	3452	0.823	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	140017	23.529	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	140017	63.583	ug/l	# 14

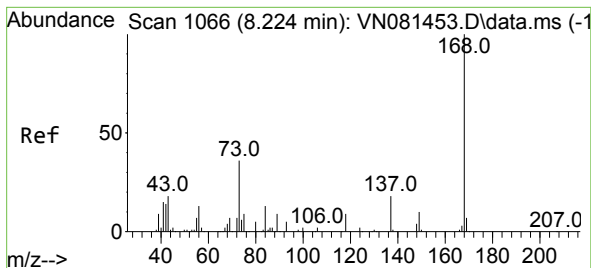
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081601.D

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MSVOA_N

ClientSampleId :

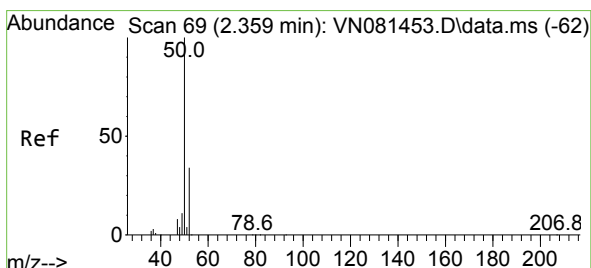
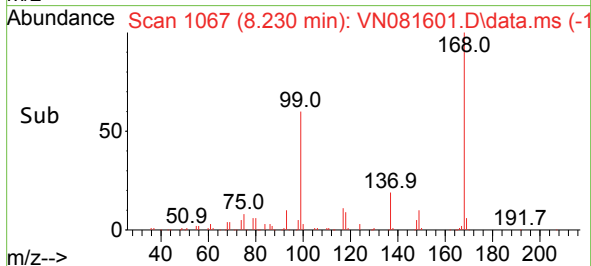
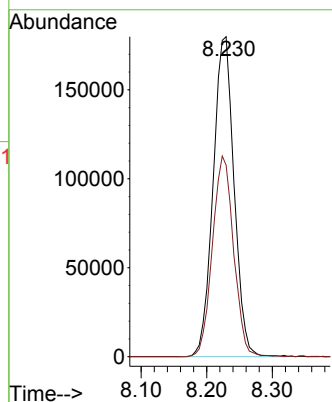
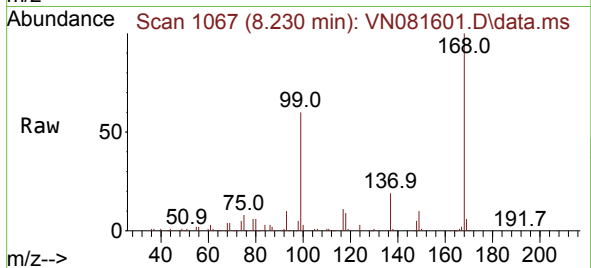
MW-3

Tgt Ion:168 Resp: 398555

Ion Ratio Lower Upper

168 100

99 59.8 59.9 89.9#



#3

Chloromethane

Concen: 0.238 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081601.D

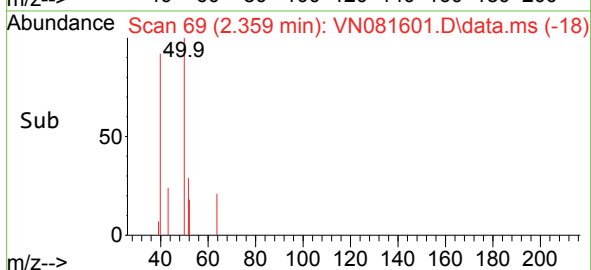
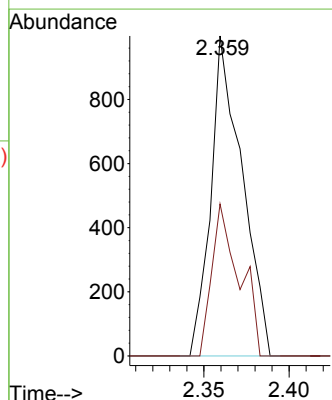
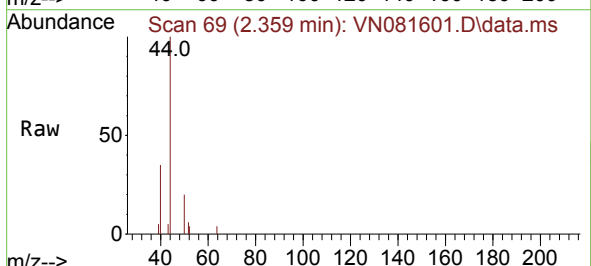
Acq: 28 Mar 2024 16:52

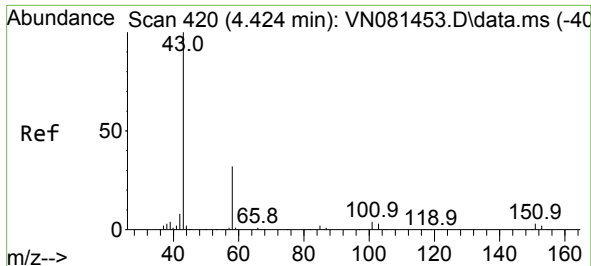
Tgt Ion: 50 Resp: 1272

Ion Ratio Lower Upper

50 100

52 47.5 25.0 37.4#

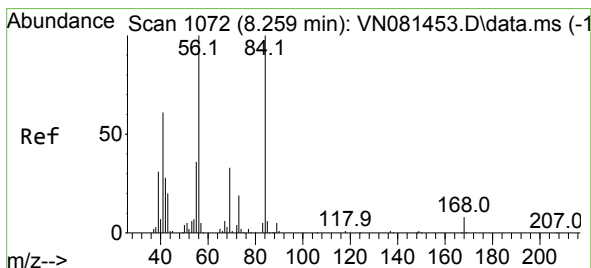
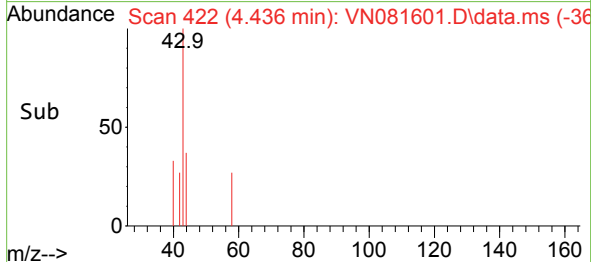
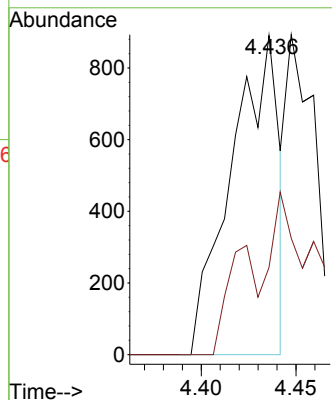
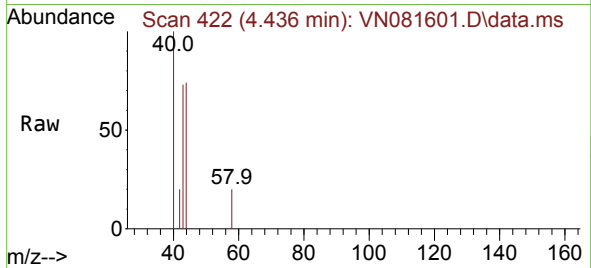




#16
Acetone
Concen: 0.944 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

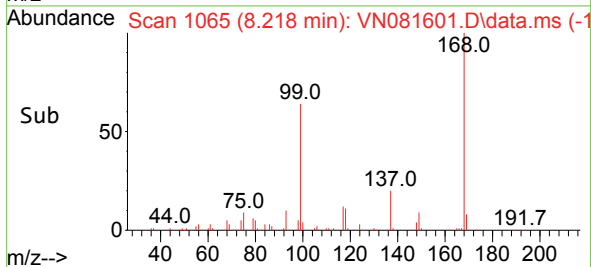
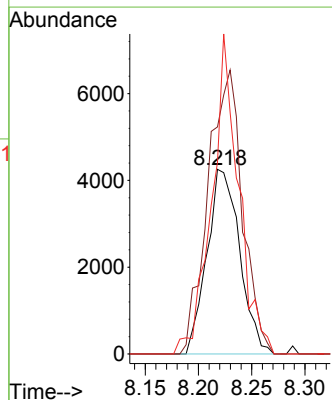
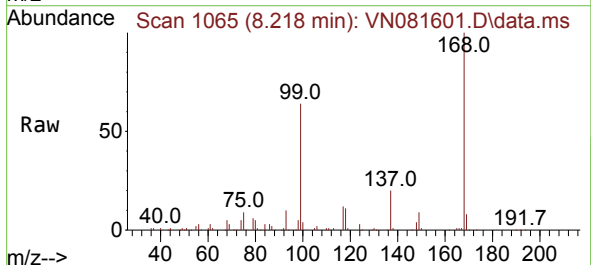
Instrument :
MSVOA_N
ClientSampleId :
MW-3

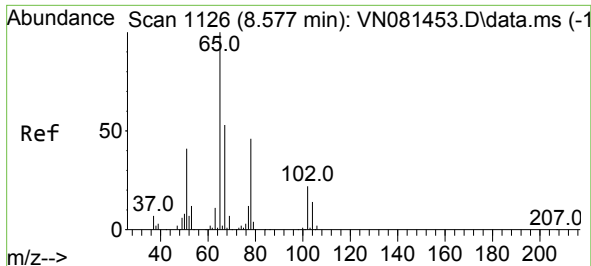
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 27.3 24.8 37.2



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Tgt Ion: 56 Resp: 9076
Ion Ratio Lower Upper
56 100
69 123.0 20.1 30.1#
84 103.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 54.666 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081601.D

Acq: 28 Mar 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

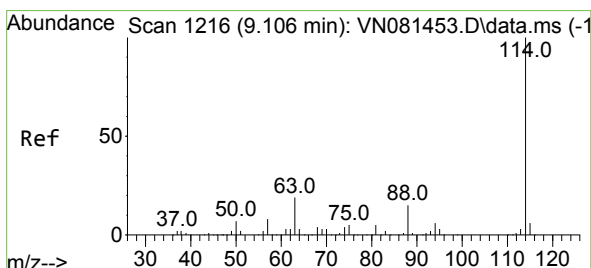
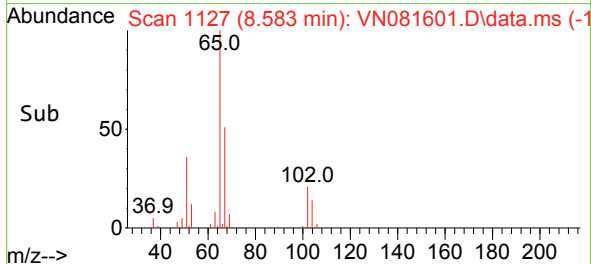
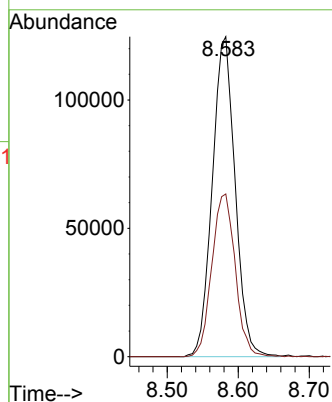
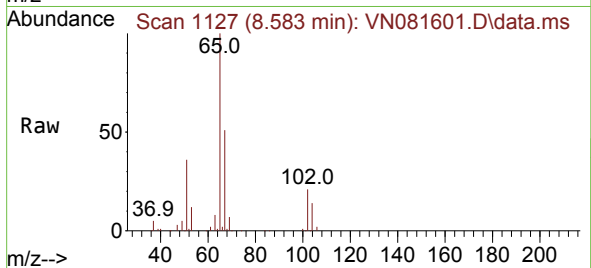
MW-3

Tgt Ion: 65 Resp: 277847

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081601.D

Acq: 28 Mar 2024 16:52

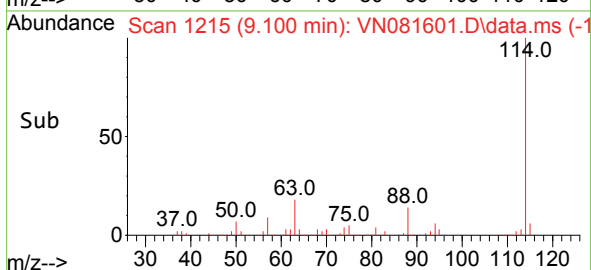
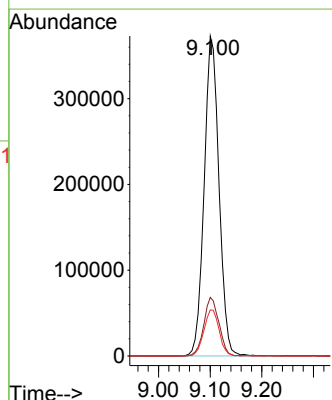
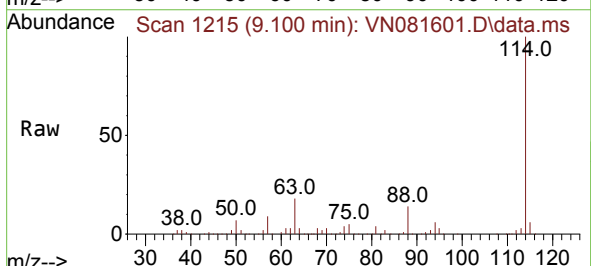
Tgt Ion: 114 Resp: 741995

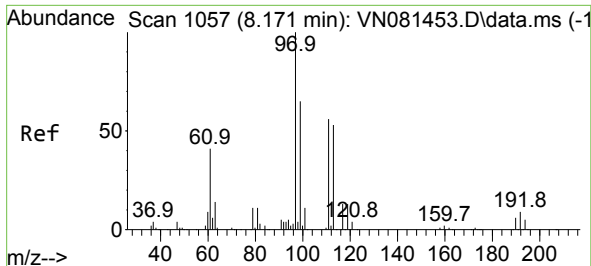
Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 14.4 0.0 34.8

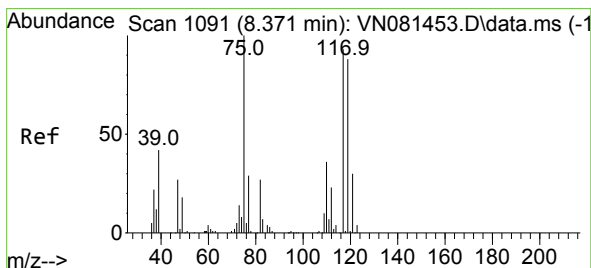
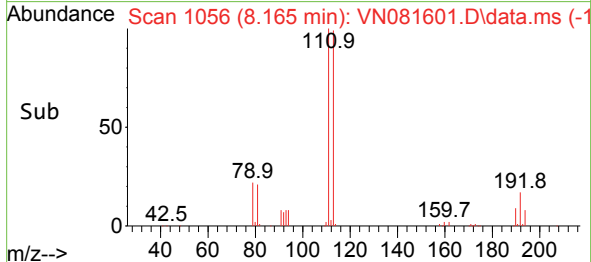
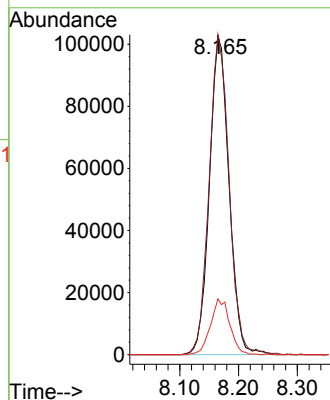
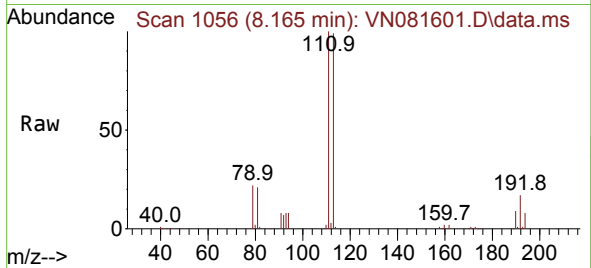




#35
Dibromofluoromethane
Concen: 50.766 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

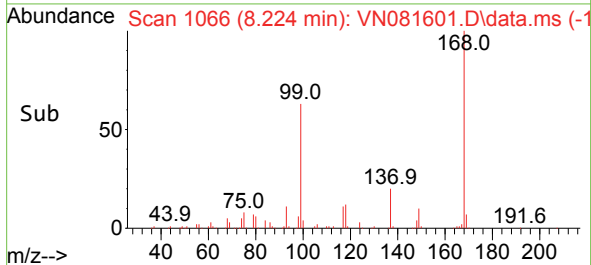
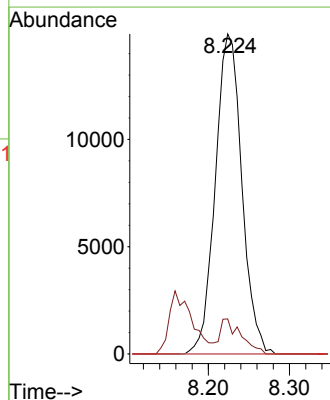
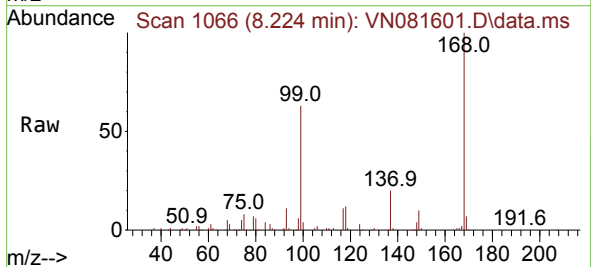
Instrument :
MSVOA_N
ClientSampleId :
MW-3

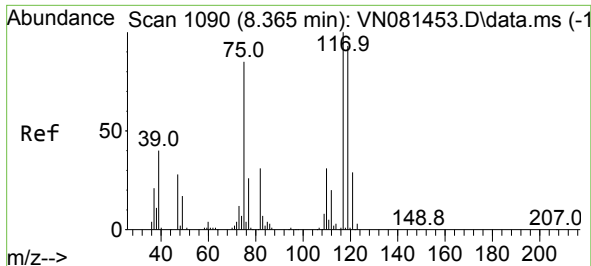
Tgt Ion:113 Resp: 237724
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Tgt Ion: 75 Resp: 33889
Ion Ratio Lower Upper
75 100
110 8.7 16.0 48.0#
77 0.0 25.8 38.6#

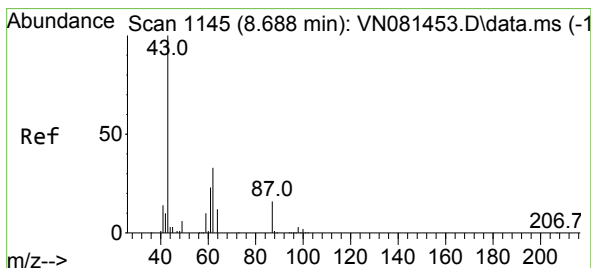
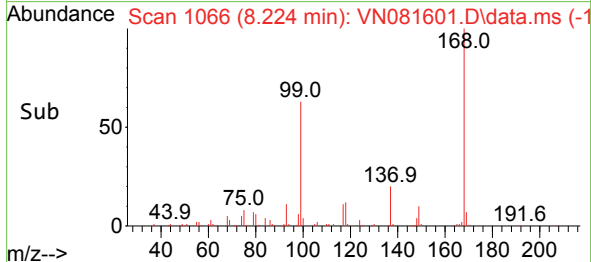
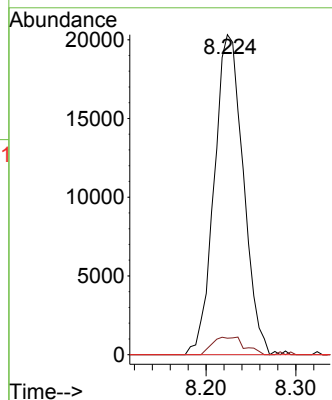
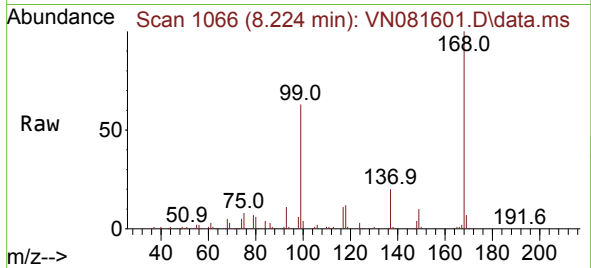




#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

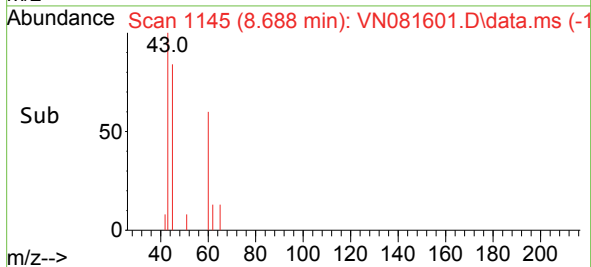
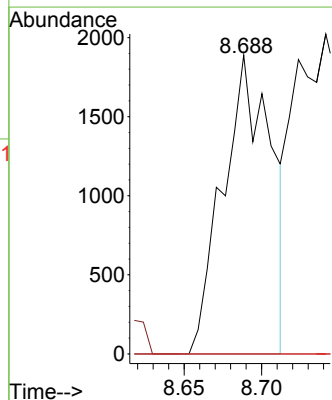
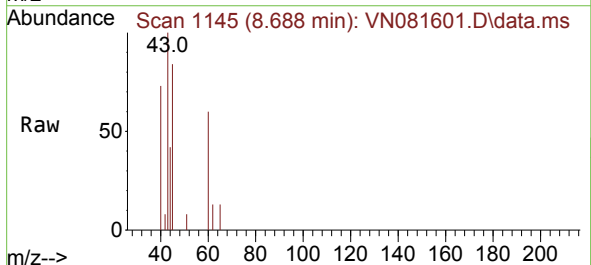
Instrument :
MSVOA_N
ClientSampleId :
MW-3

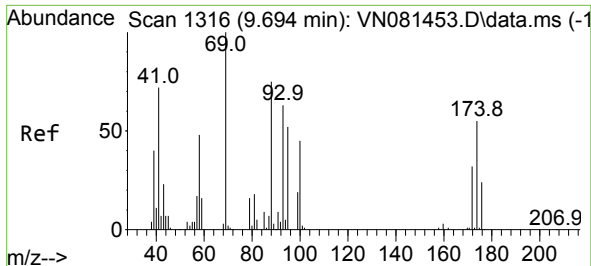
Tgt Ion:117 Resp: 45643
Ion Ratio Lower Upper
117 100
119 5.1 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.364 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Tgt Ion: 43 Resp: 4074
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: 0.661 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081601.D

Acq: 28 Mar 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

MW-3

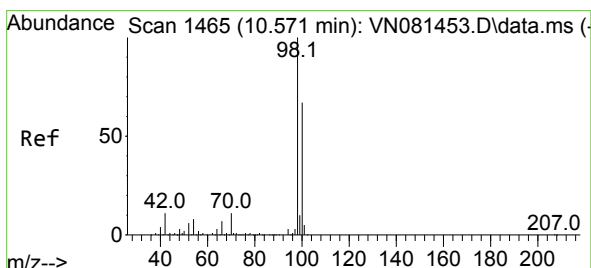
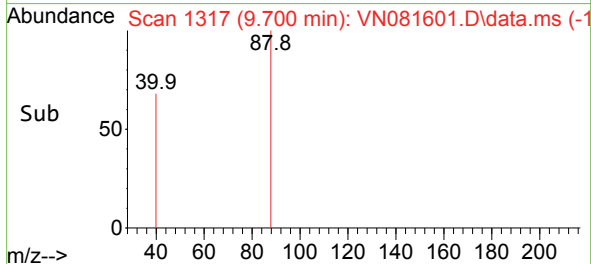
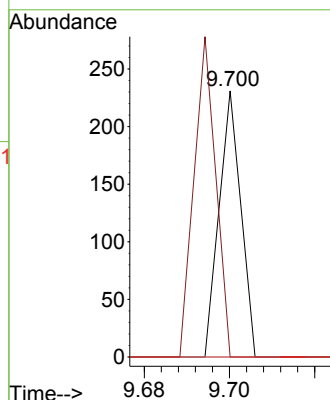
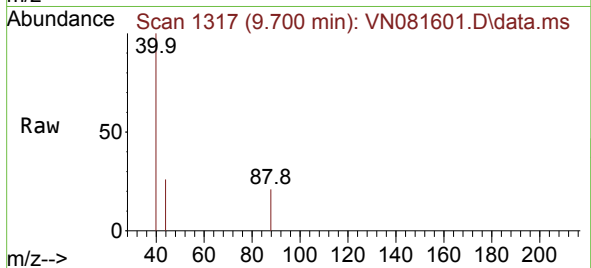
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

43 119.5 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 50.797 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081601.D

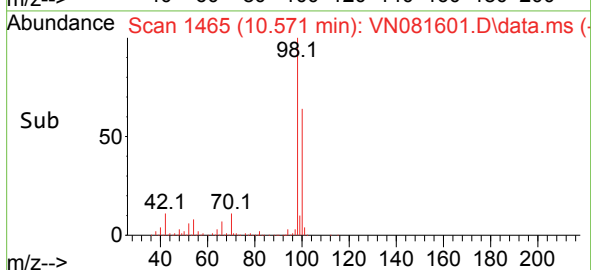
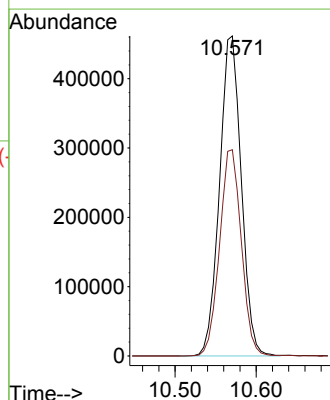
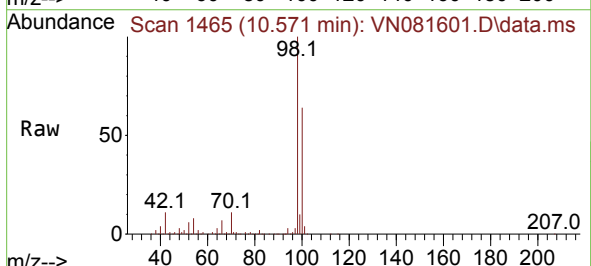
Acq: 28 Mar 2024 16:52

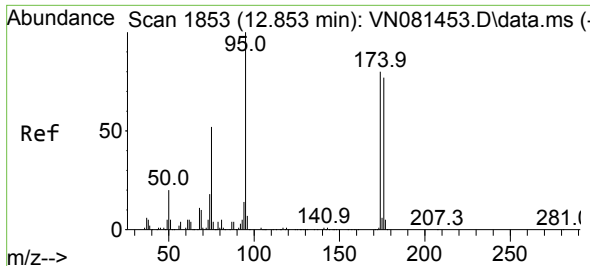
Tgt Ion: 98 Resp: 859871

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

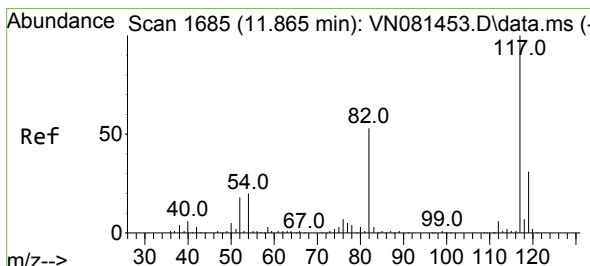
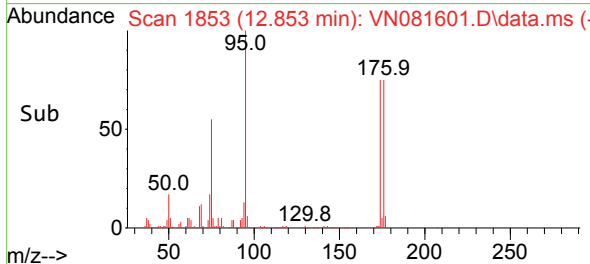
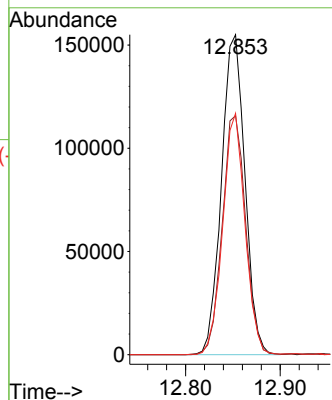
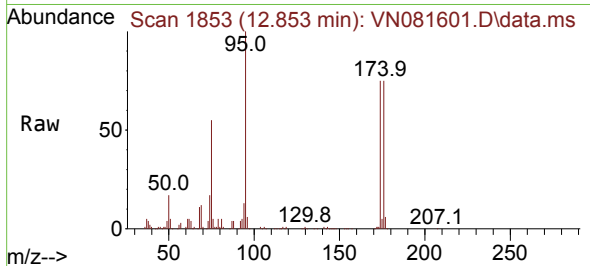




#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

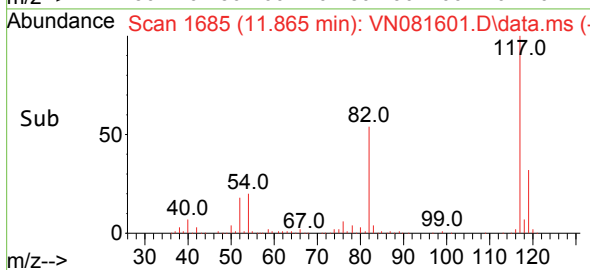
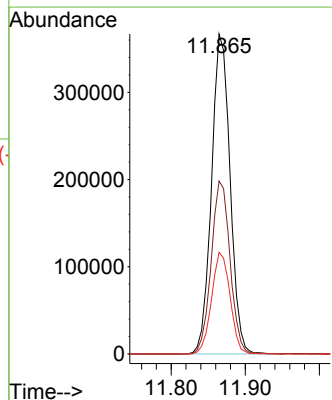
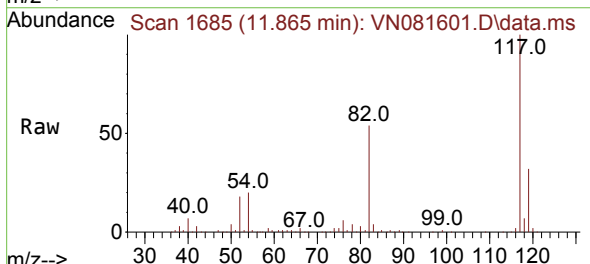
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MSVOA_N
ClientSampleId :
MW-3

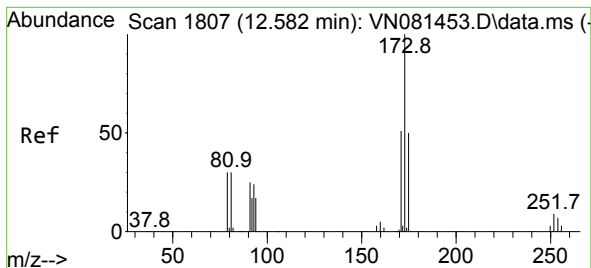
Tgt Ion: 95 Resp: 266606
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 71.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Tgt Ion: 117 Resp: 637116
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 31.8 25.3 37.9





#71

Bromoform

Concen: 0.823 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN081601.D

Acq: 28 Mar 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

MW-3

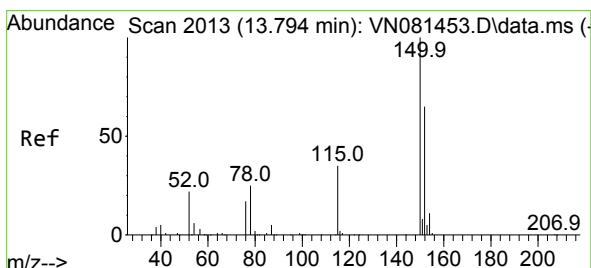
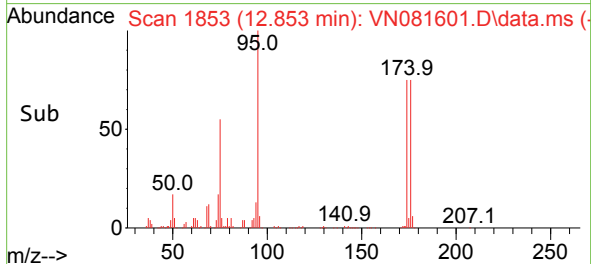
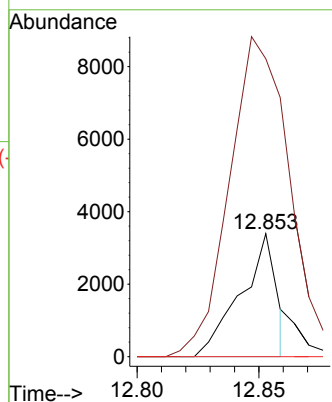
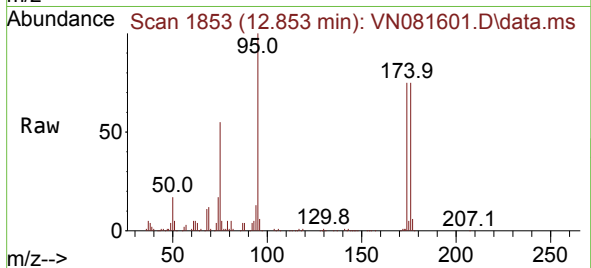
Tgt Ion:173 Resp: 3452

Ion Ratio Lower Upper

173 100

175 369.4 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: VN081601.D

Acq: 28 Mar 2024 16:52

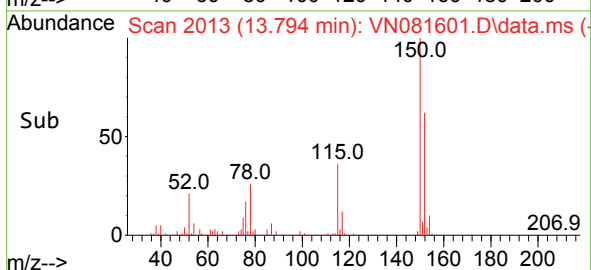
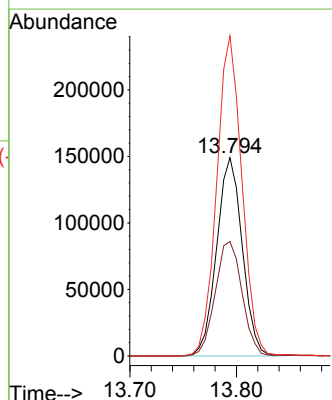
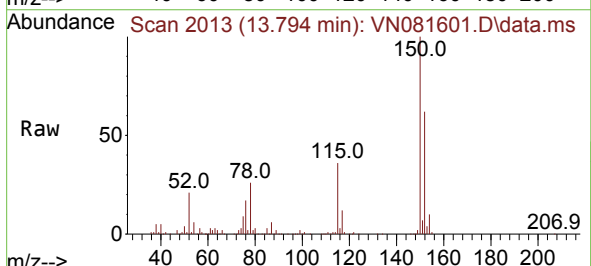
Tgt Ion:152 Resp: 248776

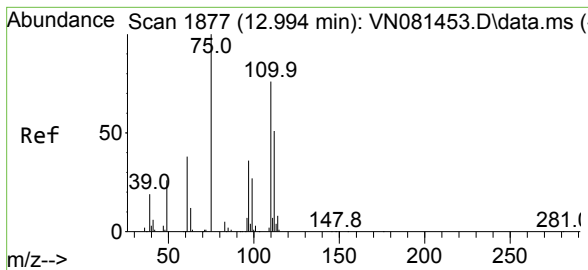
Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 159.0 0.0 339.8

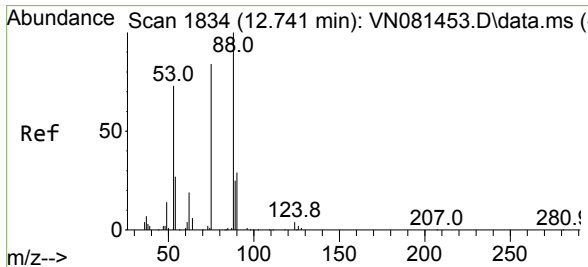
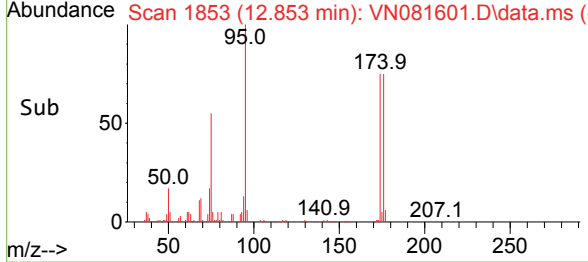
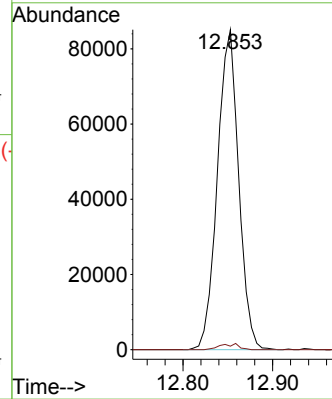
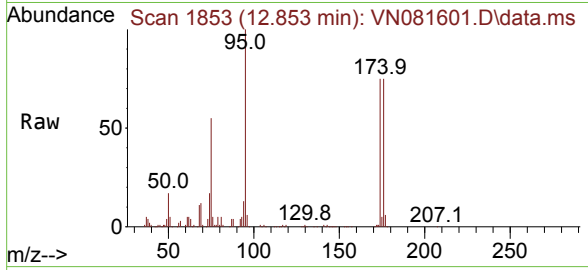




#76
1,2,3-Trichloropropane
Concen: 23.529 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 140017
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.583 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081601.D
Acq: 28 Mar 2024 16:52

Tgt Ion: 75 Resp: 140017
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

