

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081603.D
 Acq On : 28 Mar 2024 17:40
 Operator : JC\MD
 Sample : P1916-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Mar 29 02:46:59 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)

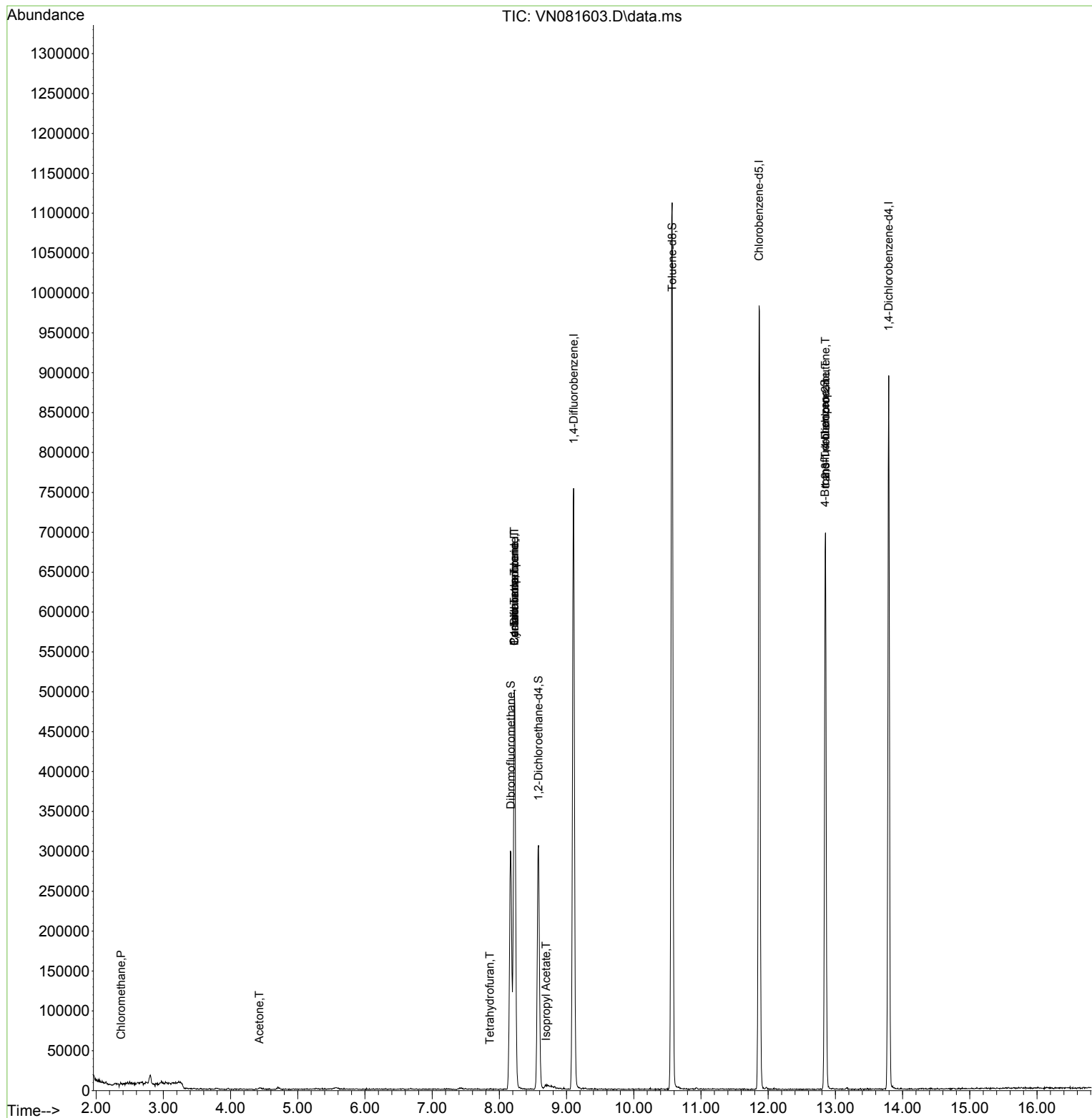
Internal Standards						
1) Pentafluorobenzene	8.224	168	362701	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	668372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597300	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250688	54.198	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 108.400%	
35) Dibromofluoromethane	8.171	113	217100	51.469	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 102.940%	
50) Toluene-d8	10.571	98	792963	52.005	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 104.000%	
62) 4-Bromofluorobenzene	12.847	95	240302	44.726	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133		Recovery	= 89.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1054	0.217	ug/l	# 88
16) Acetone	4.430	43	3299	2.207	ug/l	94
29) Tetrahydrofuran	7.859	42	380	0.220	ug/l	# 38
31) Cyclohexane	8.224	56	9095	1.208	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	29925	4.216	ug/l	# 52
38) Carbon Tetrachloride	8.224	117	39137	5.033	ug/l	# 18
43) Isopropyl Acetate	8.694	43	4992	0.495	ug/l	# 57
76) 1,2,3-Trichloropropane	12.853	75	126959	23.271	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	126959	62.887	ug/l	# 14

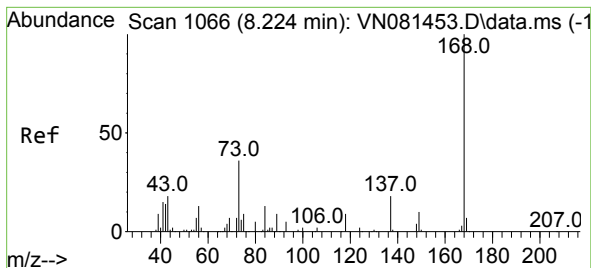
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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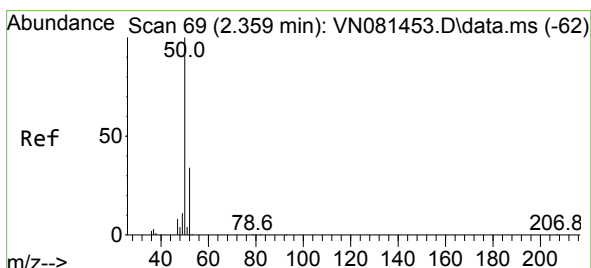
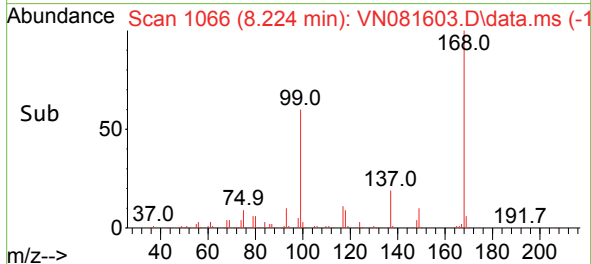
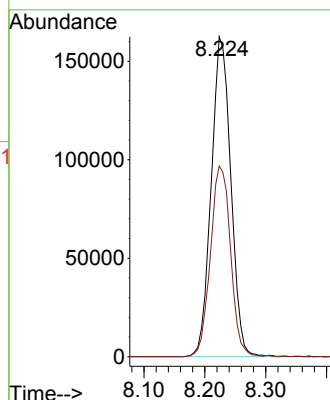
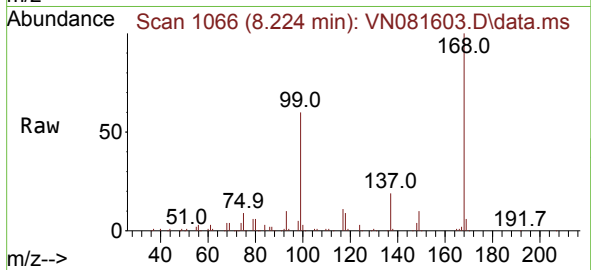




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

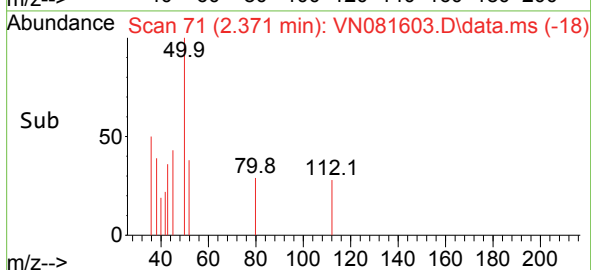
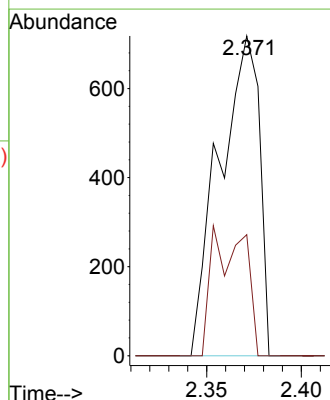
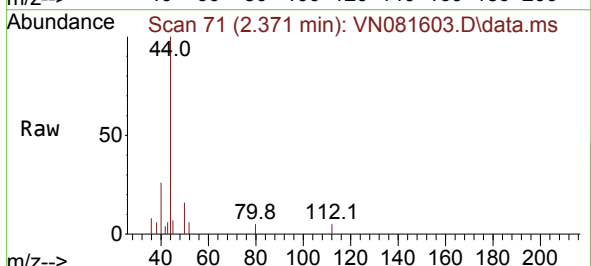
Instrument :
MSVOA_N
ClientSampleId :
MW-2

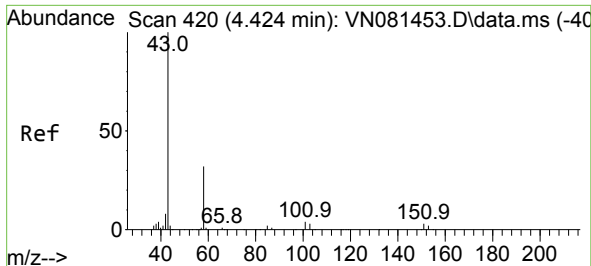
Tgt Ion:168 Resp: 362701
Ion Ratio Lower Upper
168 100
99 59.6 59.9 89.9#



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 50 Resp: 1054
Ion Ratio Lower Upper
50 100
52 37.9 25.0 37.4#

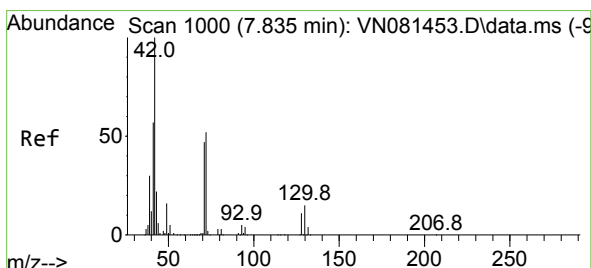
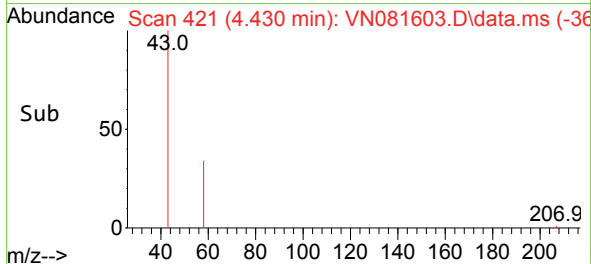
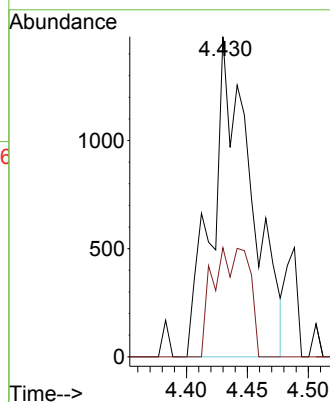
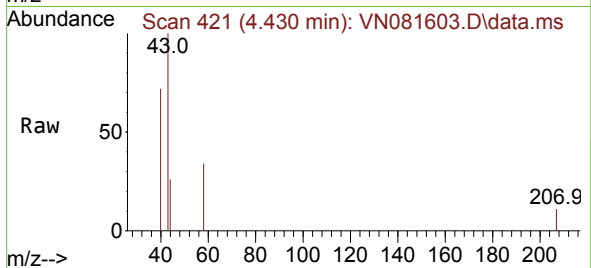




#16
Acetone
Concen: 2.207 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

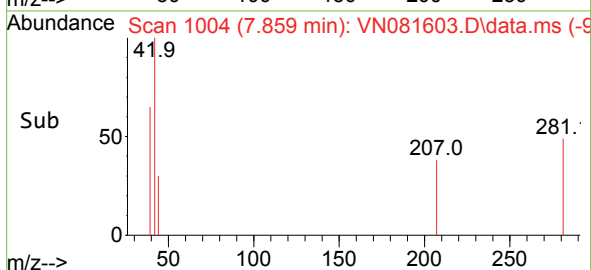
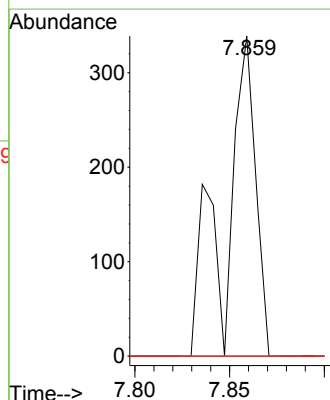
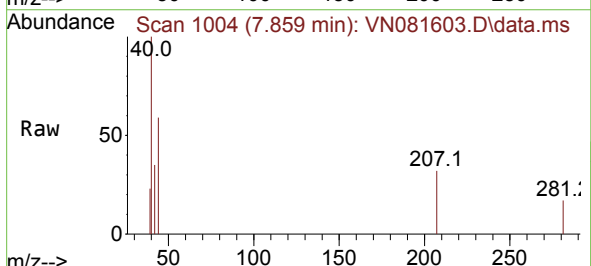
Instrument :
MSVOA_N
ClientSampleId :
MW-2

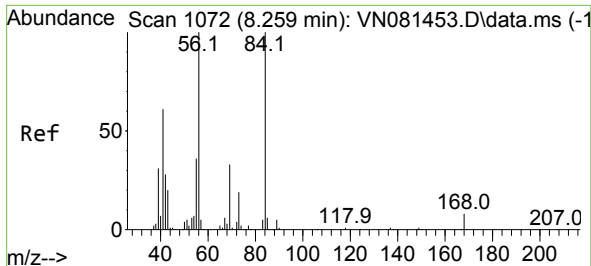
Tgt Ion: 43 Resp: 3299
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2



#29
Tetrahydrofuran
Concen: 0.220 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.024 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 42 Resp: 380
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 28.3 42.5#

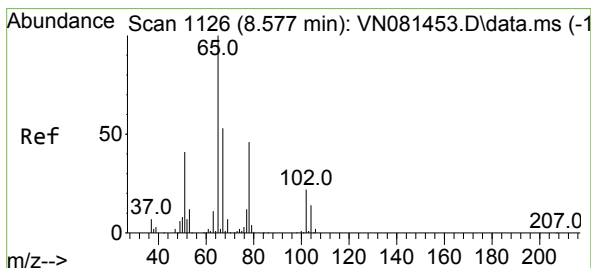
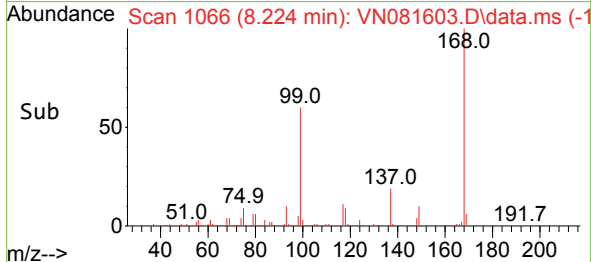
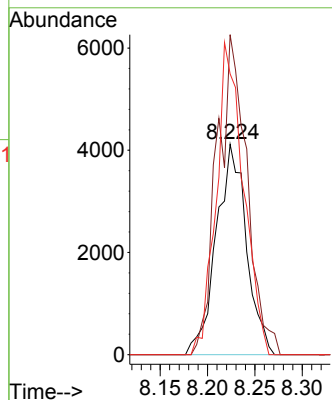
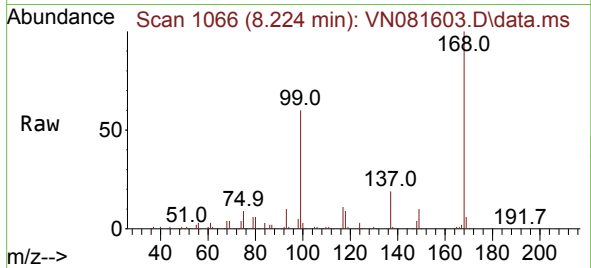




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

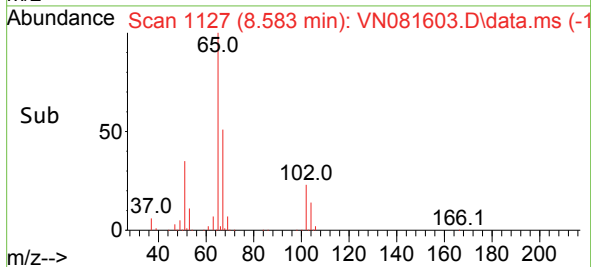
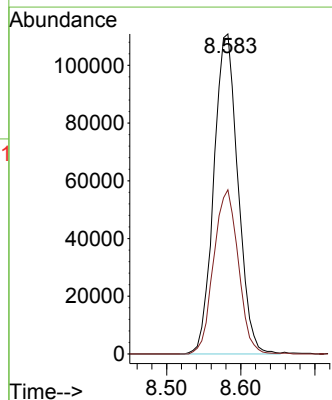
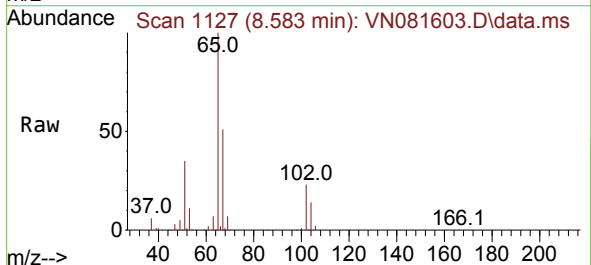
Instrument :
MSVOA_N
ClientSampleId :
MW-2

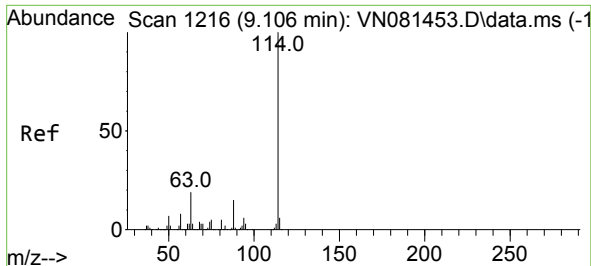
Tgt Ion: 56 Resp: 9095
Ion Ratio Lower Upper
56 100
69 152.1 20.1 30.1#
84 133.4 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.198 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 65 Resp: 250688
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081603.D

Acq: 28 Mar 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-2

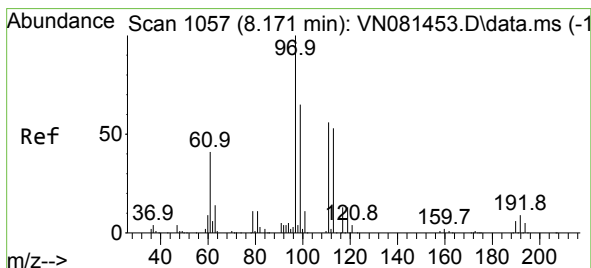
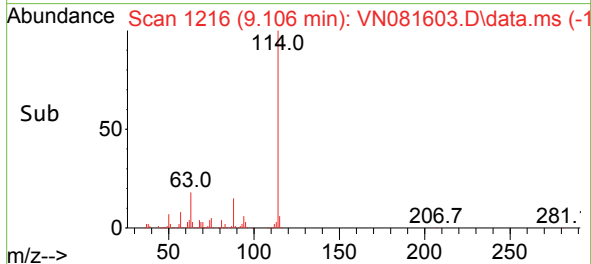
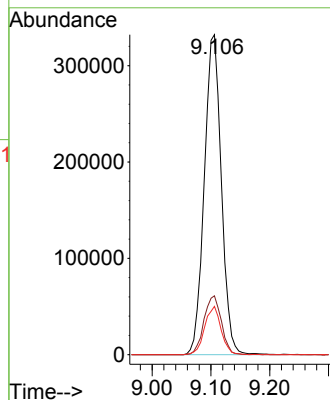
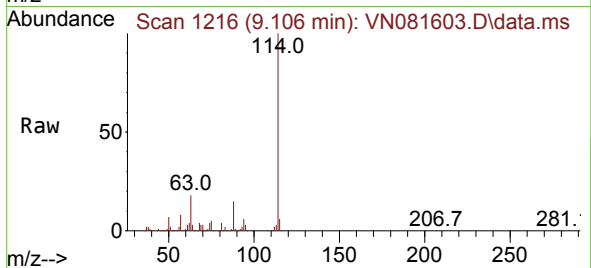
Tgt Ion:114 Resp: 668372

Ion Ratio Lower Upper

114 100

63 18.4 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.469 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081603.D

Acq: 28 Mar 2024 17:40

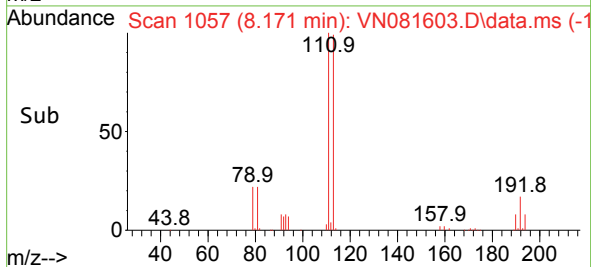
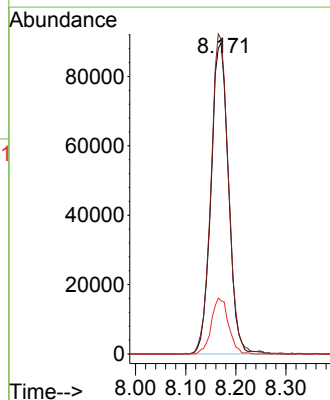
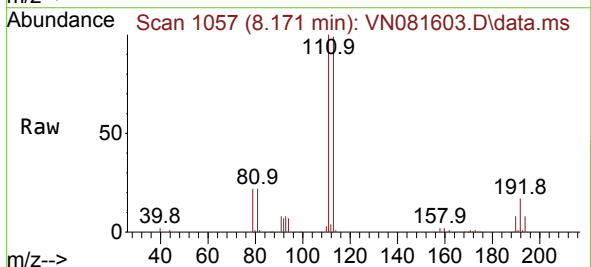
Tgt Ion:113 Resp: 217100

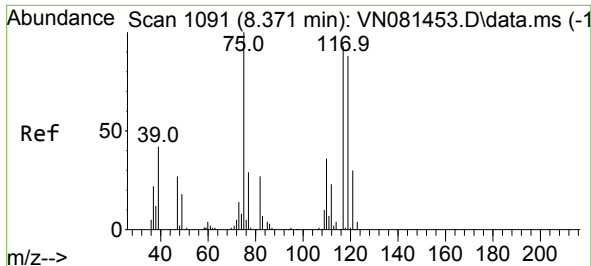
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.7 12.5 18.7

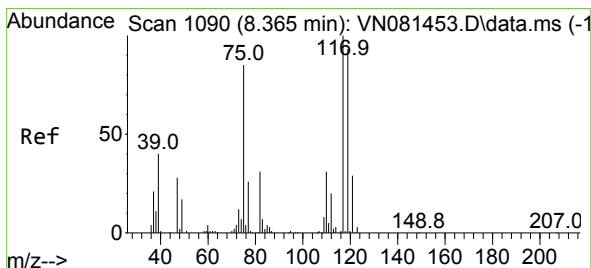
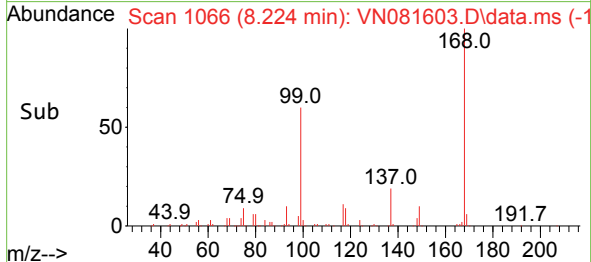
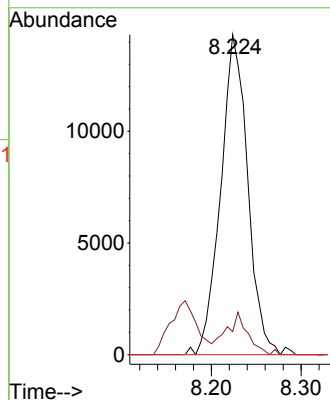
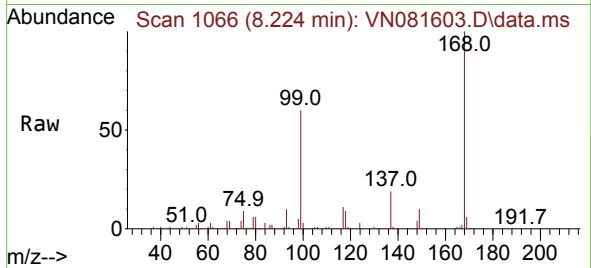




#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

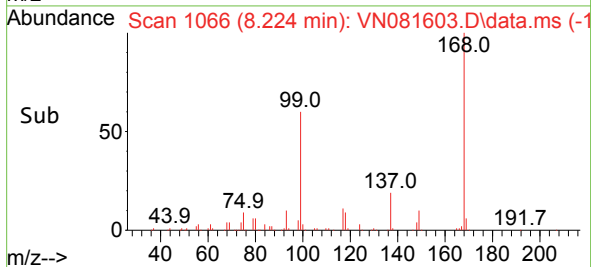
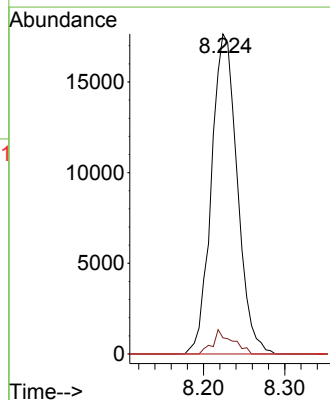
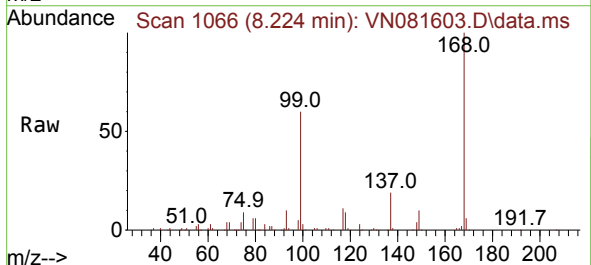
Instrument :
MSVOA_N
ClientSampleId :
MW-2

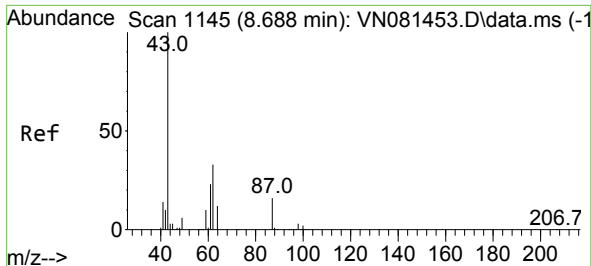
Tgt Ion: 75 Resp: 29925
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 117 Resp: 39137
Ion Ratio Lower Upper
117 100
119 5.0 73.4 110.2#
121 0.0 24.4 36.6#

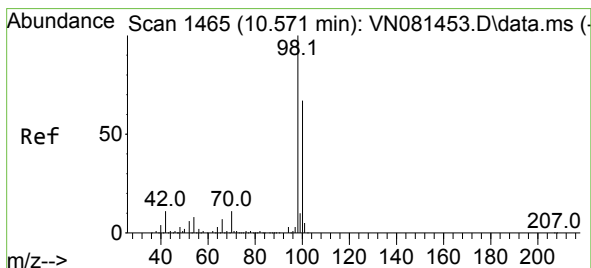
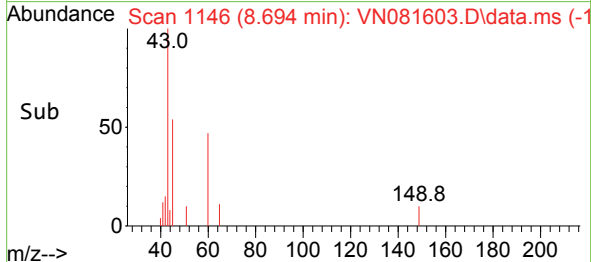
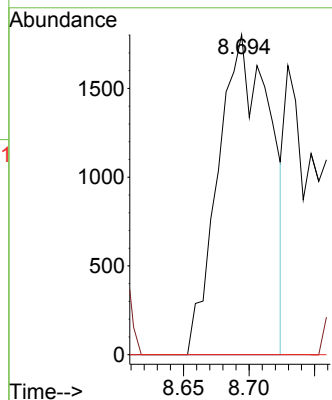
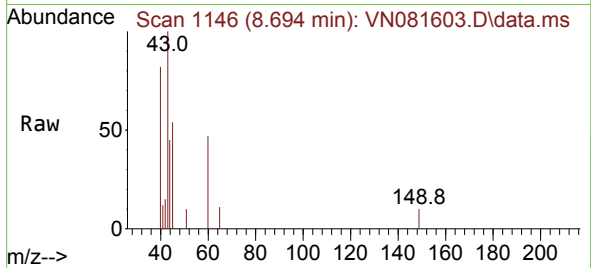




#43
Isopropyl Acetate
Concen: 0.495 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

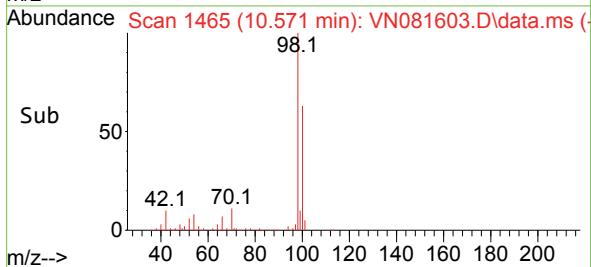
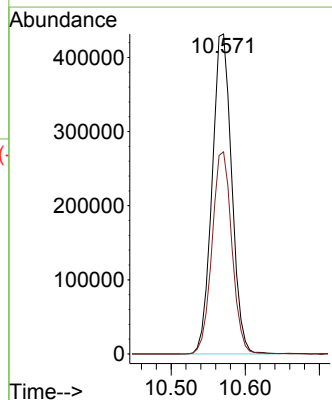
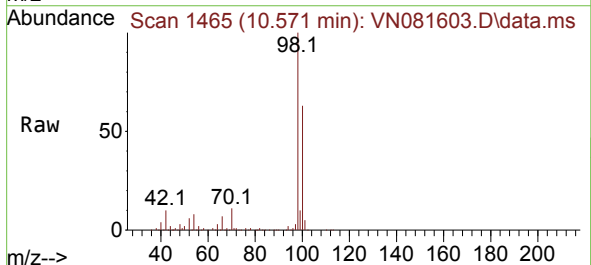
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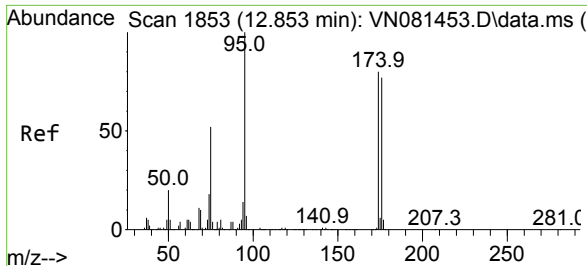
Tgt Ion: 43 Resp: 4992
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 98 Resp: 792963
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

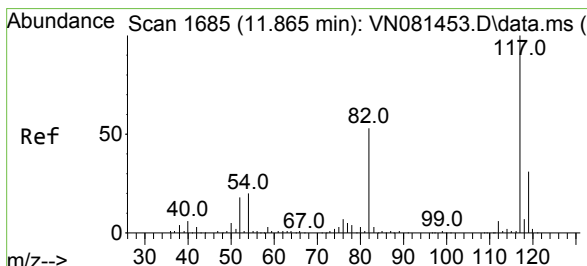
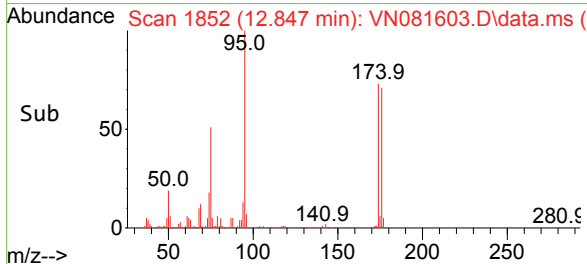
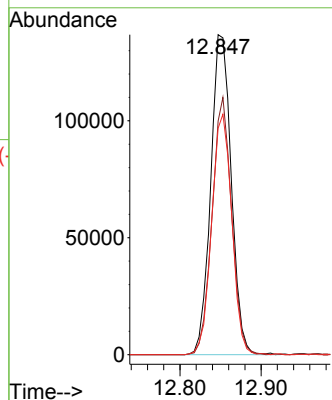
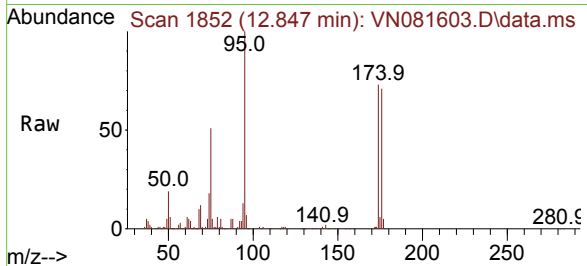




#62
4-Bromofluorobenzene
Concen: 44.726 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

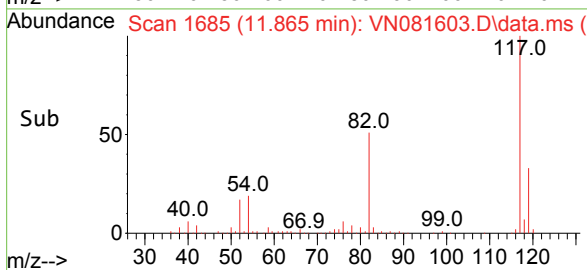
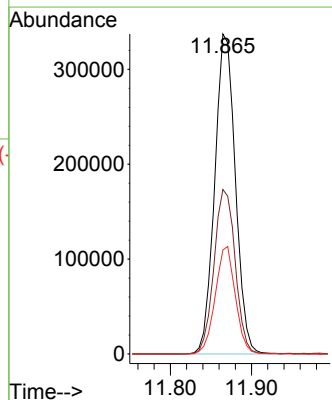
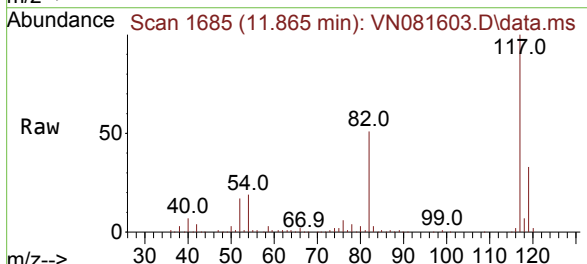
Instrument :
MSVOA_N
ClientSampleId :
MW-2

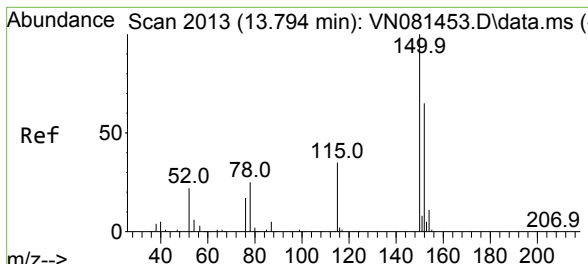
Tgt Ion: 95 Resp: 240302
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 73.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081603.D
Acq: 28 Mar 2024 17:40

Tgt Ion: 117 Resp: 597300
Ion Ratio Lower Upper
117 100
82 51.4 52.7 79.1#
119 32.5 25.3 37.9

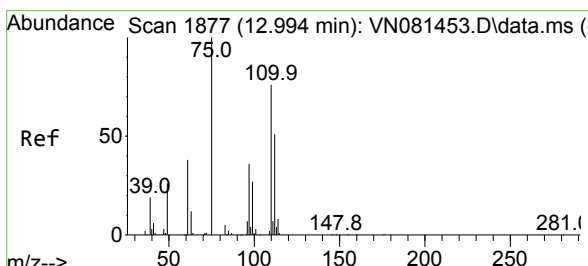
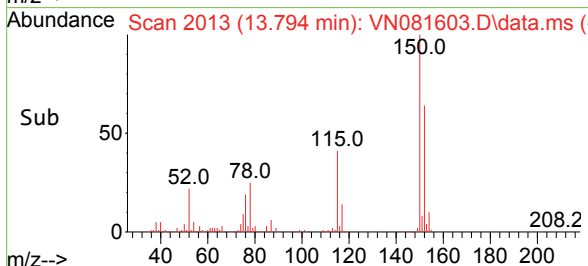
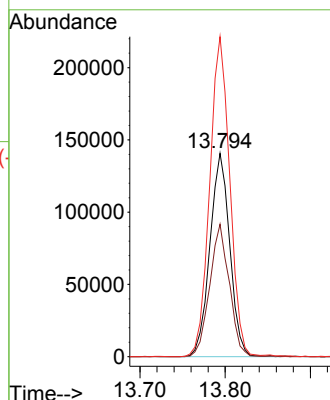
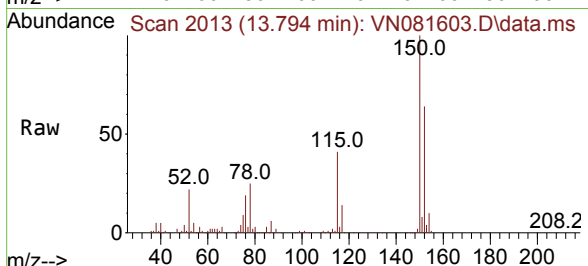




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081603.D
 Acq: 28 Mar 2024 17:40

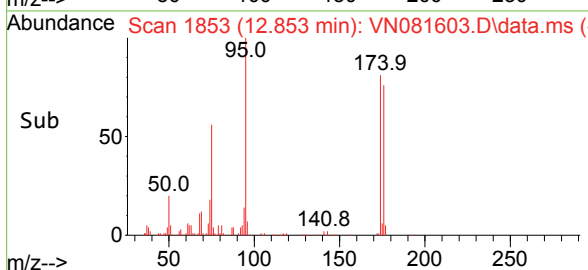
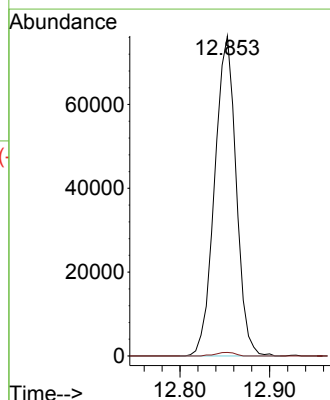
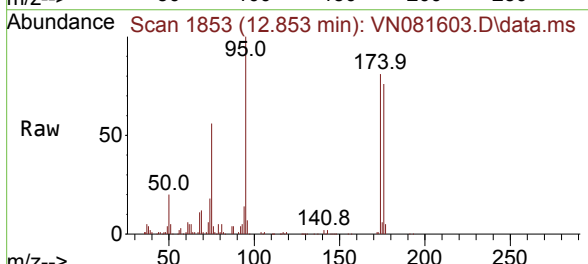
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

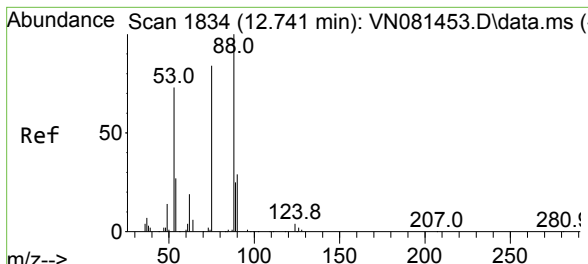
Tgt Ion:152 Resp: 228073
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 159.1 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 23.271 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081603.D
 Acq: 28 Mar 2024 17:40

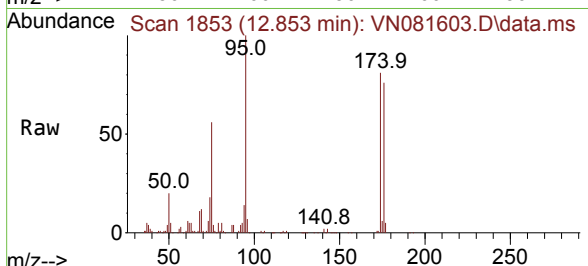
Tgt Ion: 75 Resp: 126959
 Ion Ratio Lower Upper
 75 100
 77 1.0 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.887 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081603.D
 Acq: 28 Mar 2024 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2



Tgt Ion: 75 Resp: 126959
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.0 33.4 50.0#

