

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081600.D
 Acq On : 28 Mar 2024 16:29
 Operator : JC\MD
 Sample : P1916-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 29 02:45:58 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)

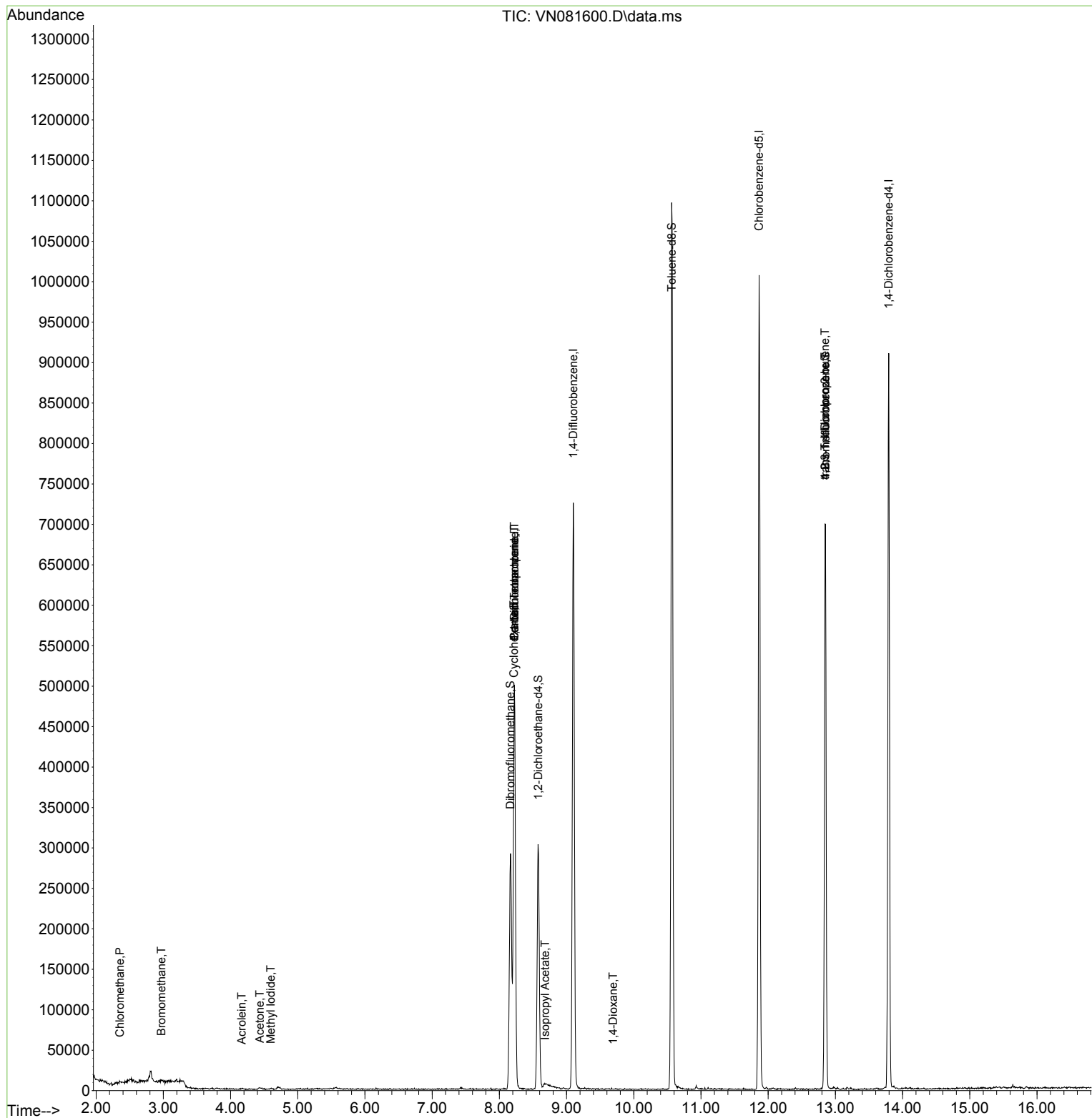
Internal Standards						
1) Pentafluorobenzene	8.224	168	352674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	641744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597390	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	244934	54.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.920%		
35) Dibromofluoromethane	8.165	113	212644	52.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.000%		
50) Toluene-d8	10.565	98	773726	52.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.700%		
62) 4-Bromofluorobenzene	12.853	95	243121	47.128	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 94.260%		
Target Compounds						
						Qvalue
3) Chloromethane	2.353	50	1575	0.333	ug/l #	66
5) Bromomethane	2.971	94	1083	0.289	ug/l #	74
10) Methyl Iodide	4.600	142	1338	0.299	ug/l #	84
13) Acrolein	4.165	56	666	0.947	ug/l	96
16) Acetone	4.436	43	1982	1.364	ug/l #	73
31) Cyclohexane	8.218	56	8429	1.152	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	30013	4.403	ug/l #	52
38) Carbon Tetrachloride	8.224	117	37517	5.025	ug/l #	18
43) Isopropyl Acetate	8.682	43	7399	0.765	ug/l #	57
49) 1,4-Dioxane	9.694	88	61	0.569	ug/l #	2
76) 1,2,3-Trichloropropane	12.847	75	129637	22.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	129637	60.866	ug/l #	14

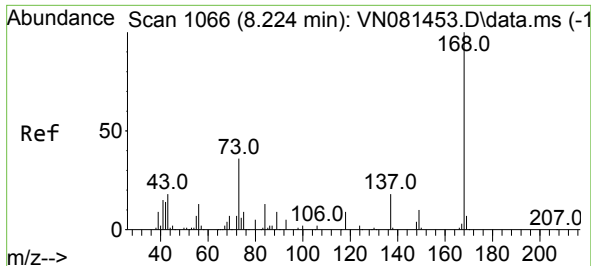
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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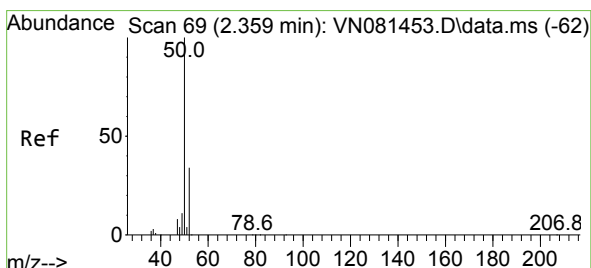
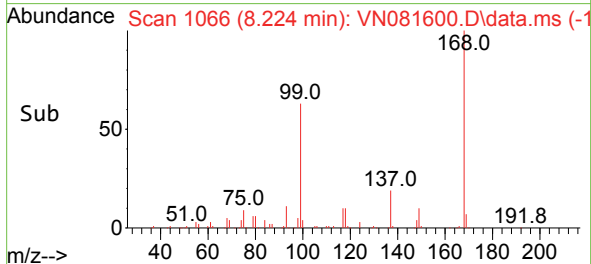
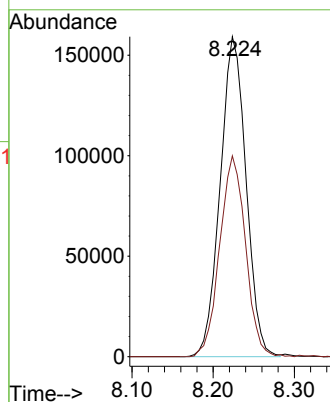
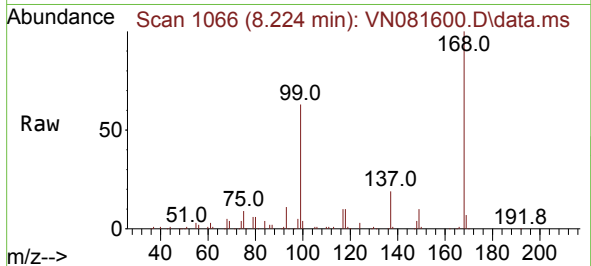




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

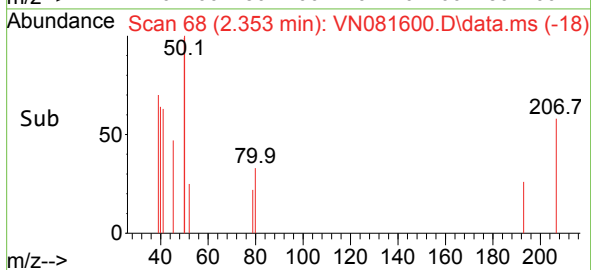
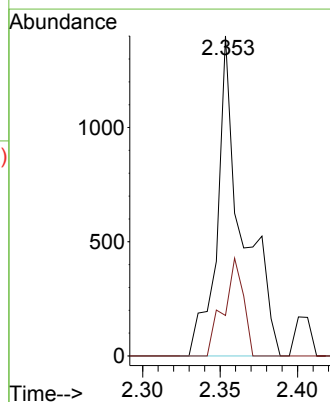
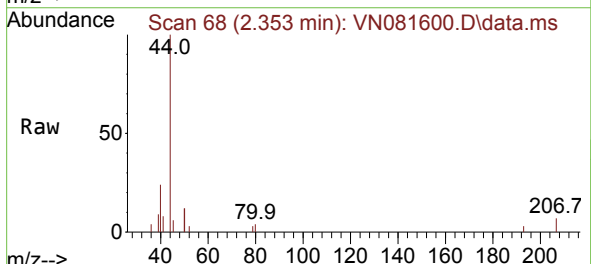
Instrument :
MSVOA_N
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MW-1

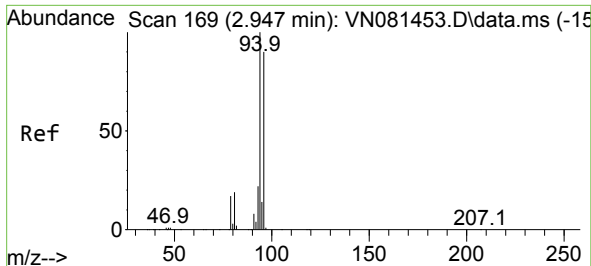
Tgt Ion:168 Resp: 352674
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9



#3
Chloromethane
Concen: 0.333 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 50 Resp: 1575
Ion Ratio Lower Upper
50 100
52 12.6 25.0 37.4#

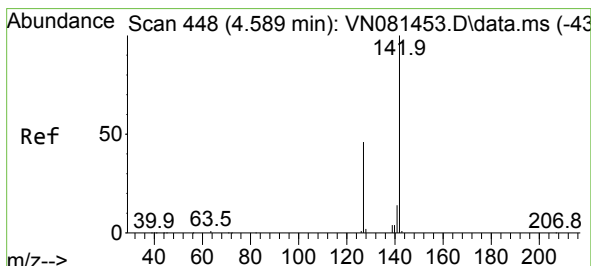
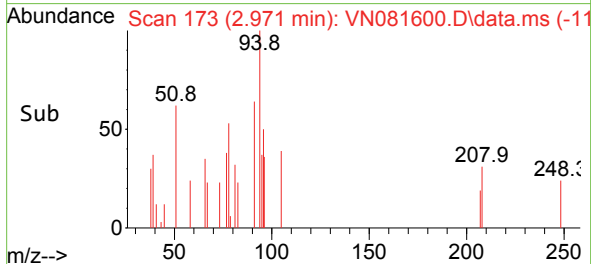
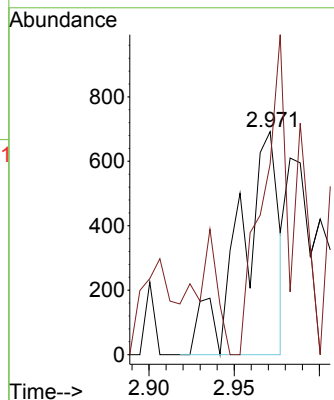
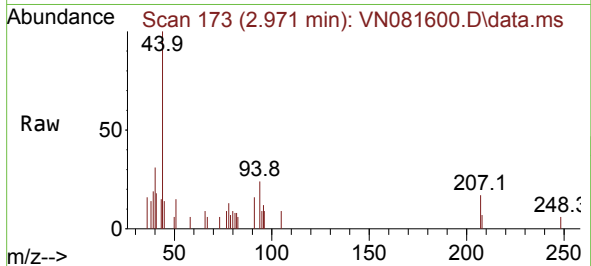




#5
Bromomethane
Concen: 0.289 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

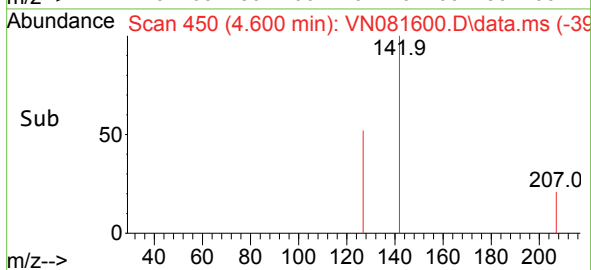
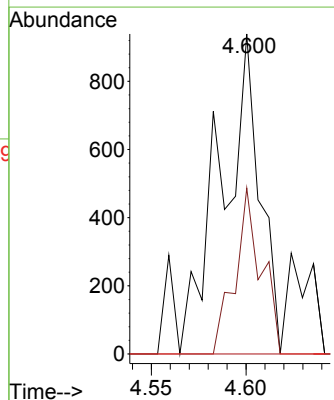
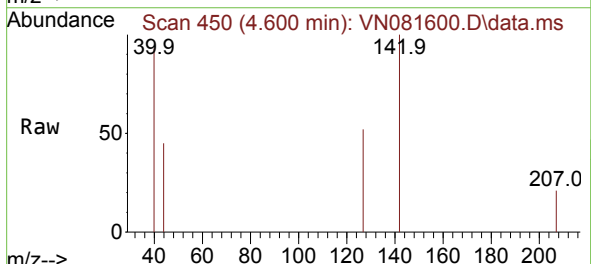
Instrument :
MSVOA_N
ClientSampleId :
MW-1

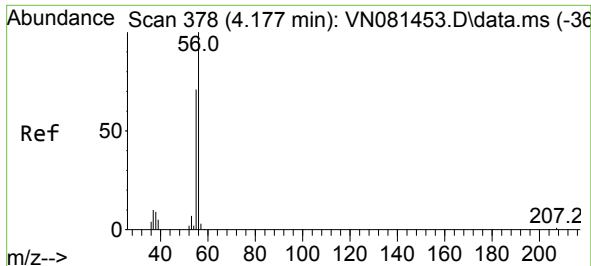
Tgt Ion: 94 Resp: 1083
Ion Ratio Lower Upper
94 100
96 62.9 69.2 103.8#



#10
Methyl Iodide
Concen: 0.299 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion:142 Resp: 1338
Ion Ratio Lower Upper
142 100
127 51.9 37.0 55.4
141 0.0 12.5 18.7#

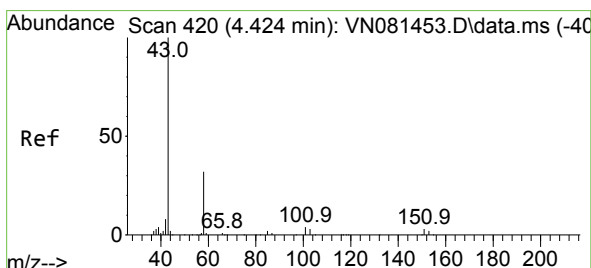
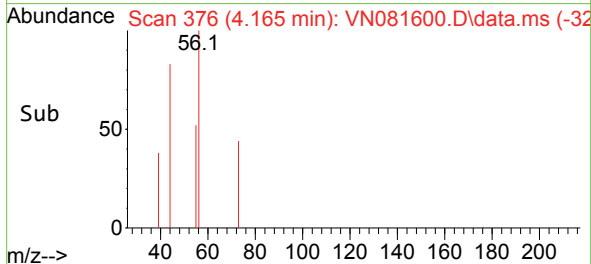
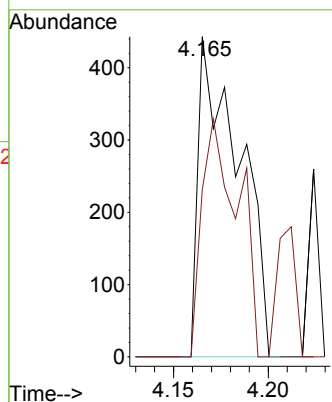
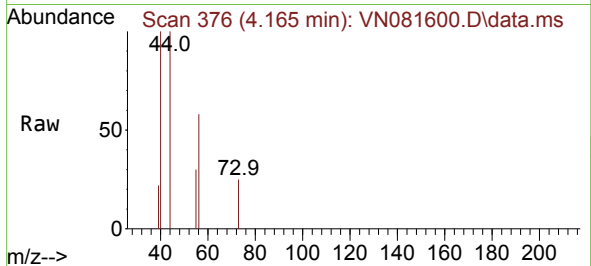




#13
Acrolein
Concen: 0.947 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

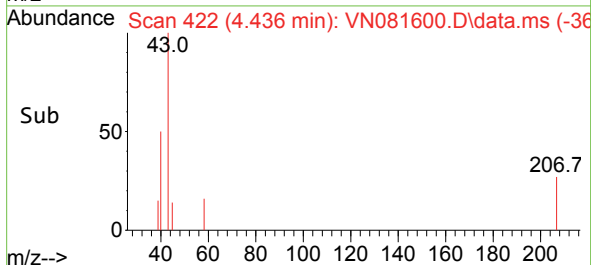
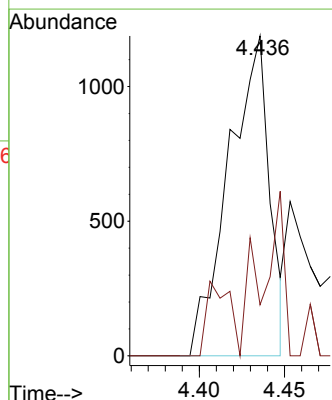
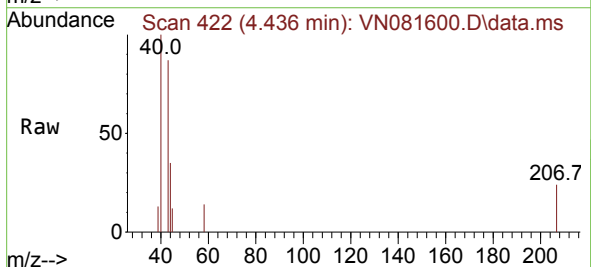
Instrument :
MSVOA_N
ClientSampleId :
MW-1

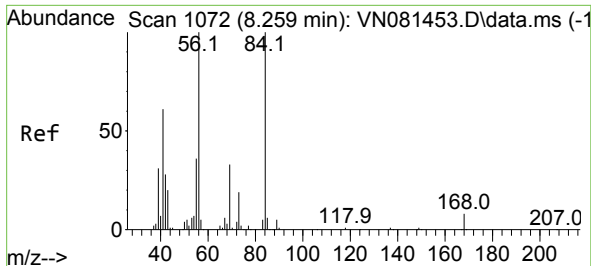
Tgt Ion: 56 Resp: 666
Ion Ratio Lower Upper
56 100
55 66.1 55.3 82.9



#16
Acetone
Concen: 1.364 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 16.0 24.8 37.2#

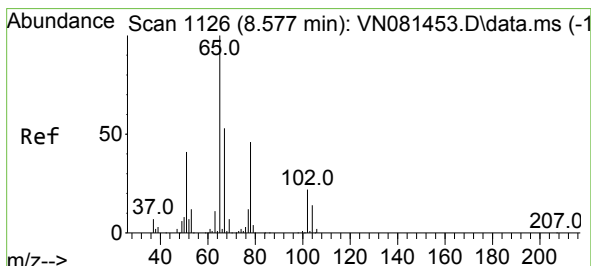
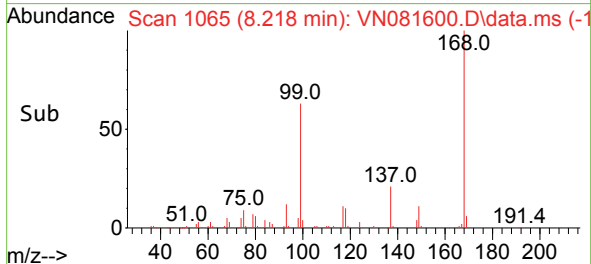
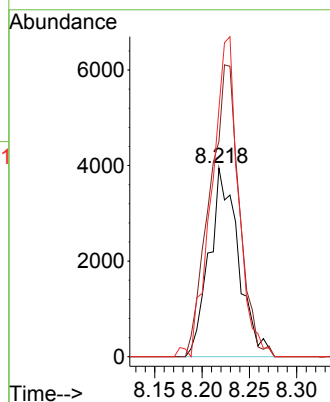
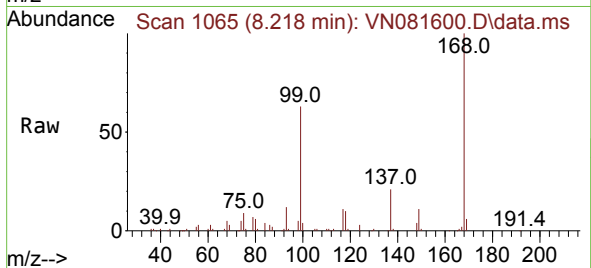




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

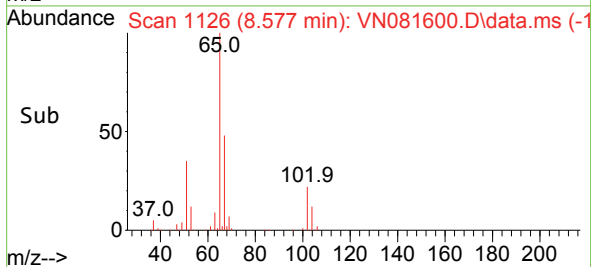
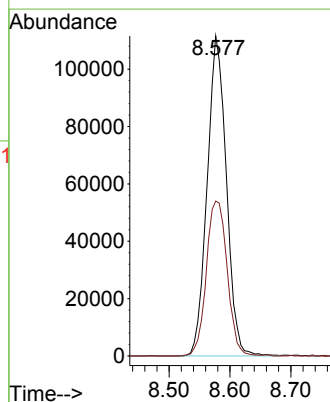
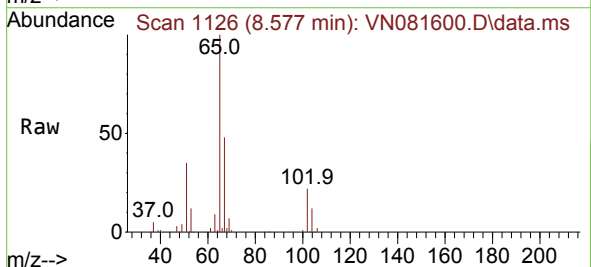
Instrument :
MSVOA_N
ClientSampleId :
MW-1

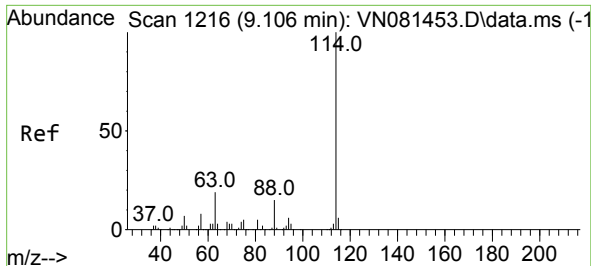
Tgt Ion: 56 Resp: 8429
Ion Ratio Lower Upper
56 100
69 114.1 20.1 30.1#
84 131.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 65 Resp: 244934
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

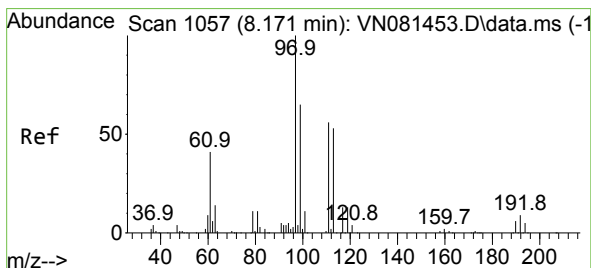
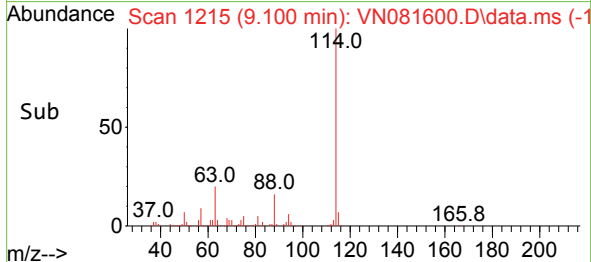
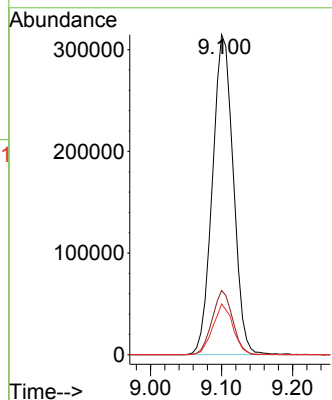
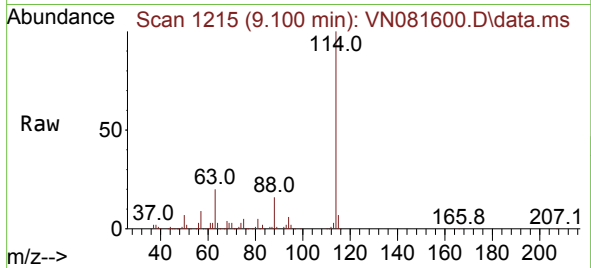




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

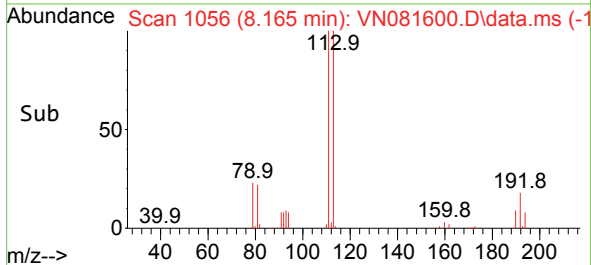
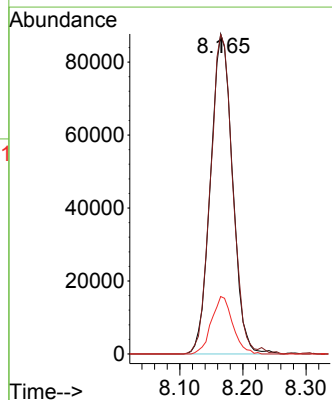
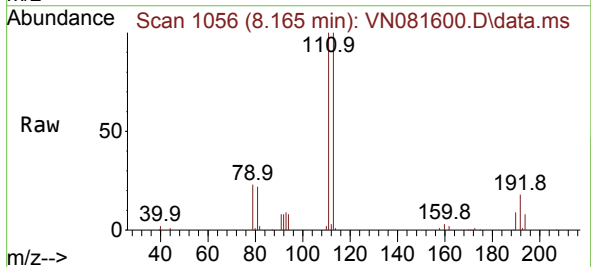
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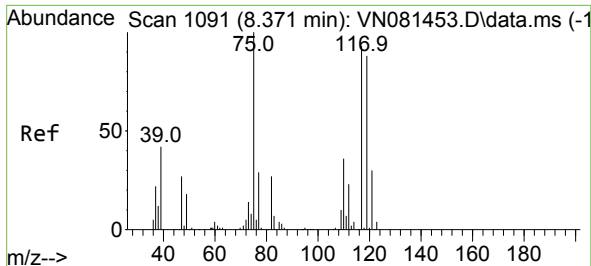
Tgt Ion:114 Resp: 641744
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.504 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion:113 Resp: 212644
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 17.3 12.5 18.7

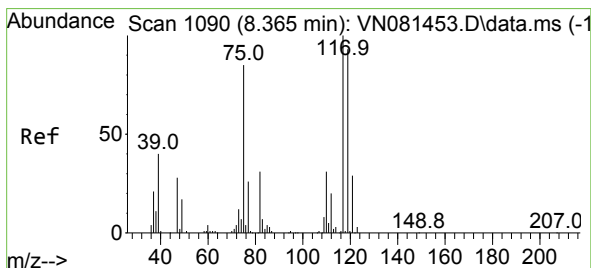
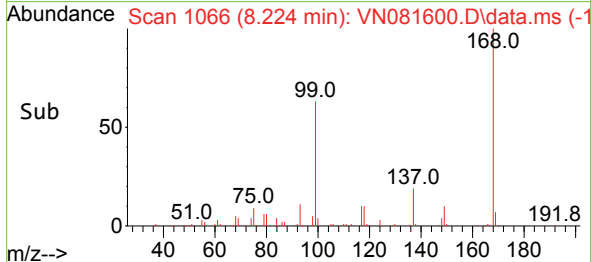
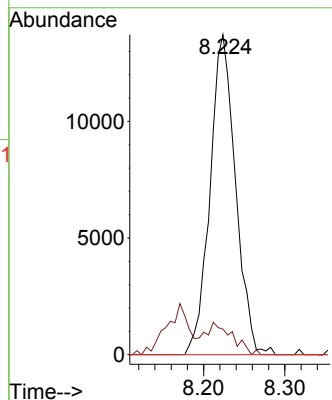
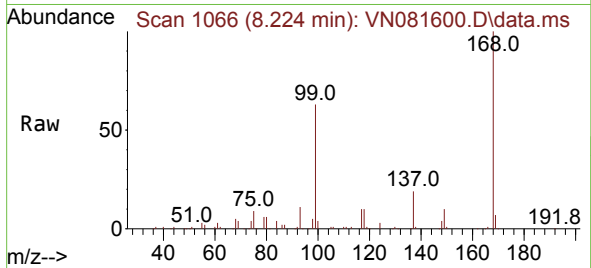




#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

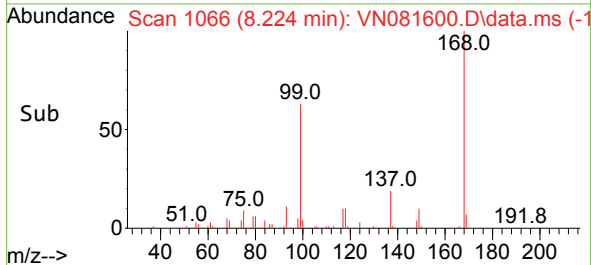
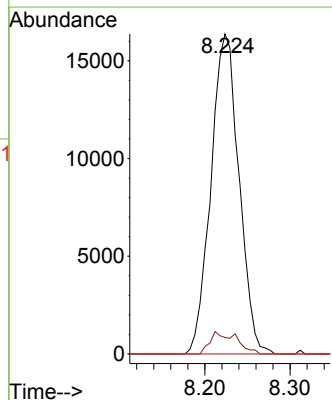
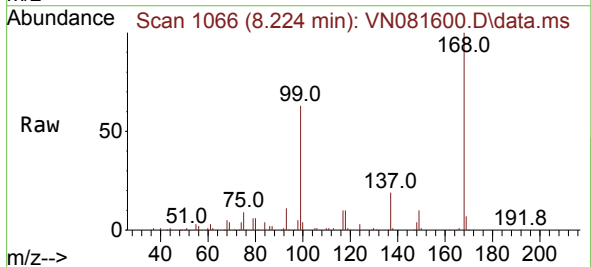
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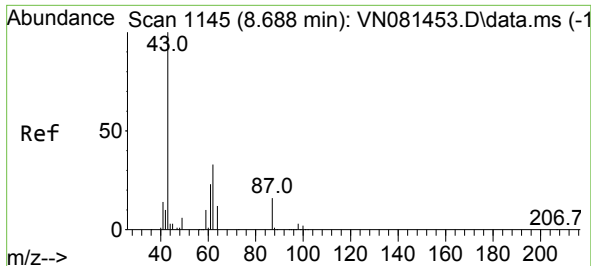
Tgt Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
110 10.3 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.025 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 117 Resp: 37517
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 24.4 36.6#

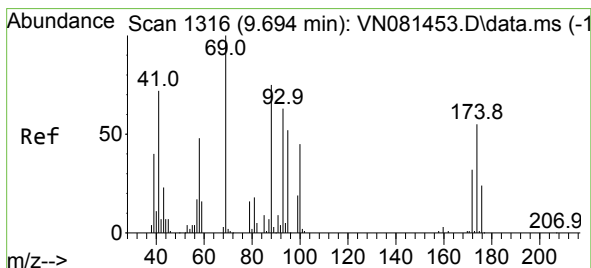
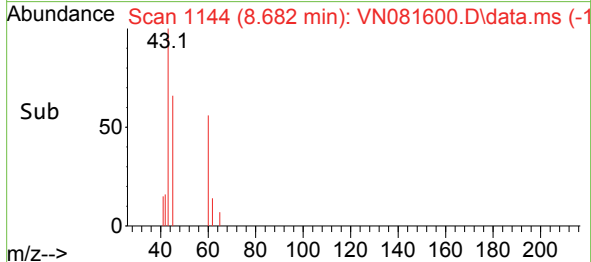
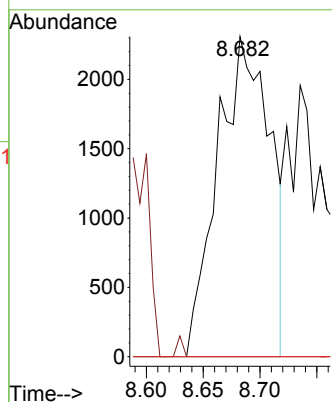
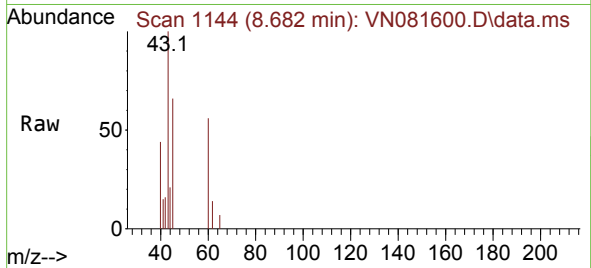




#43
Isopropyl Acetate
Concen: 0.765 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

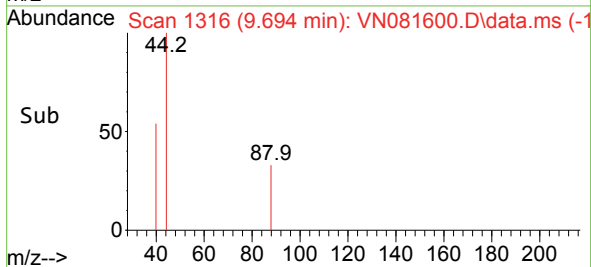
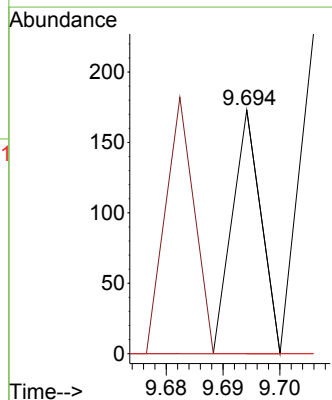
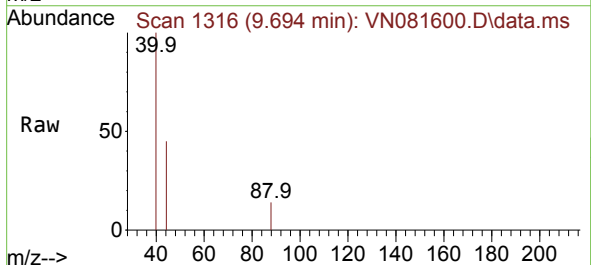
Instrument :
MSVOA_N
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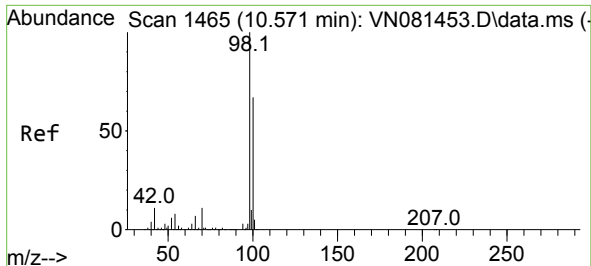
Tgt Ion: 43 Resp: 7399
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: 0.569 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 104.9 30.1 45.1#
58 0.0 63.9 95.9#

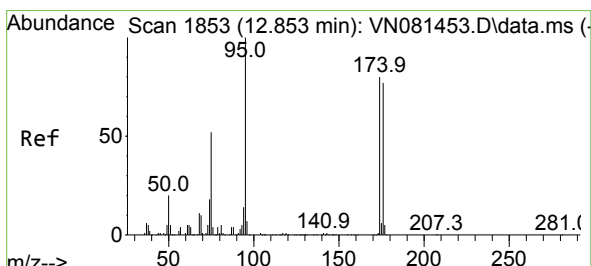
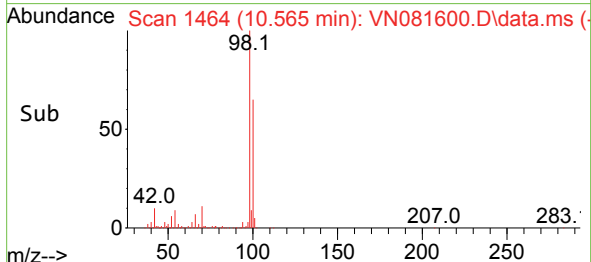
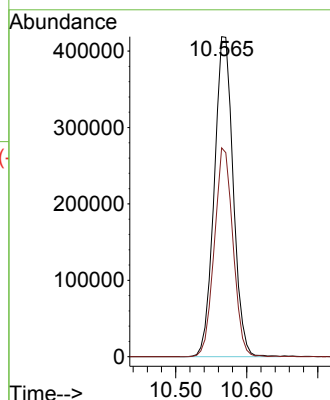
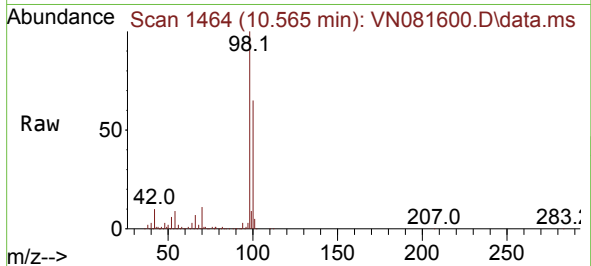




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

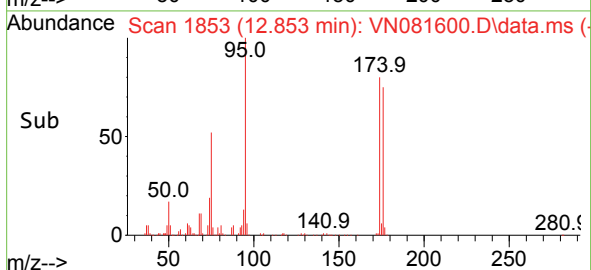
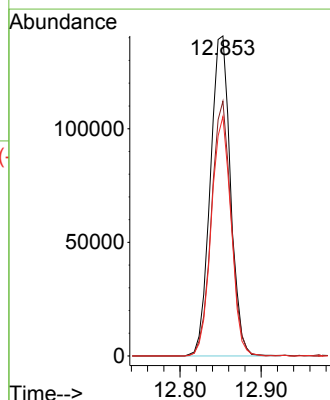
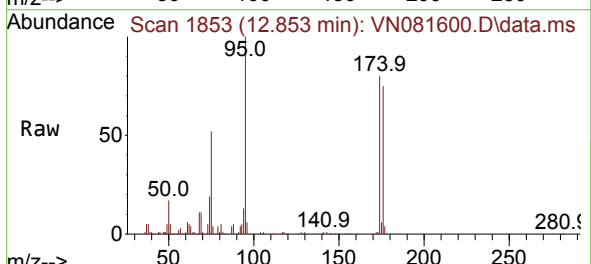
Instrument :
MSVOA_N
ClientSampleId :
MW-1

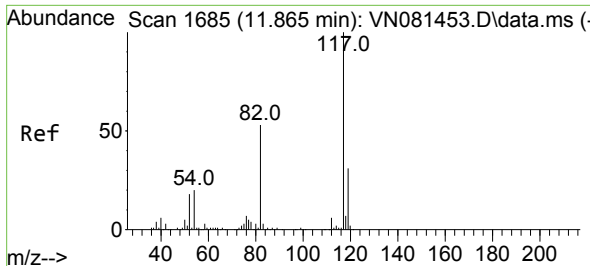
Tgt Ion: 98 Resp: 773726
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.128 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 95 Resp: 243121
Ion Ratio Lower Upper
95 100
174 78.0 0.0 120.4
176 73.2 0.0 121.0

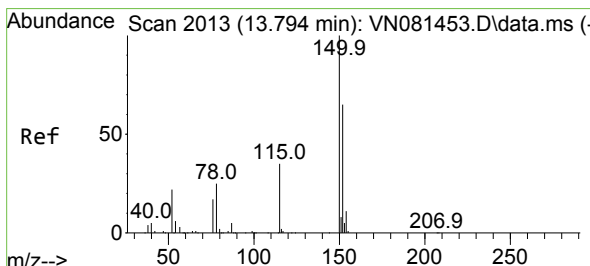
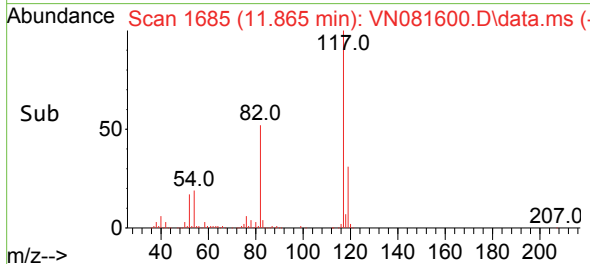
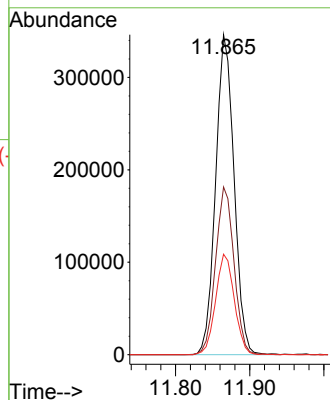
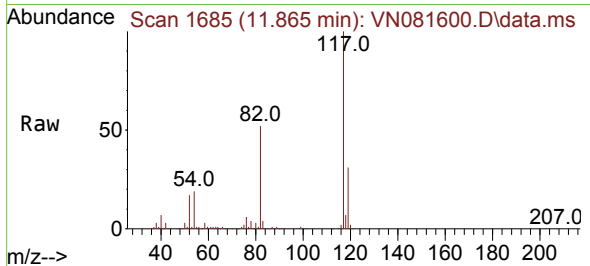




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

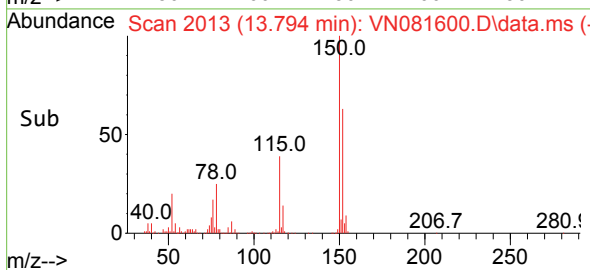
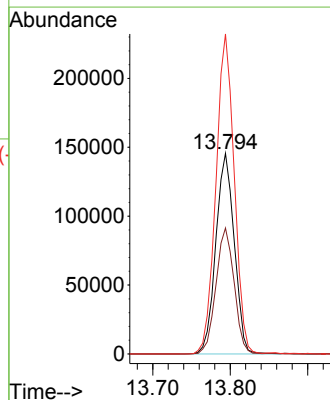
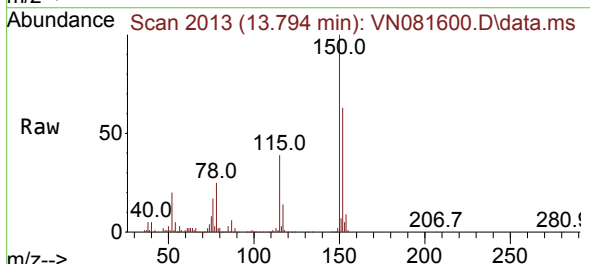
Instrument :
MSVOA_N
ClientSampleId :
MW-1

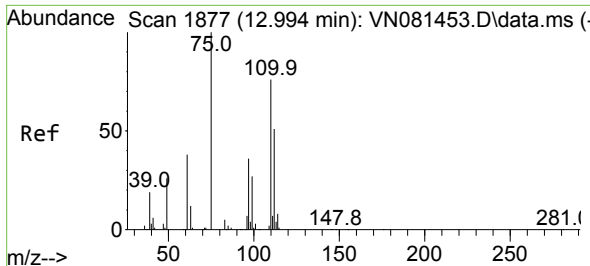
Tgt Ion:117 Resp: 597390
Ion Ratio Lower Upper
117 100
82 52.4 52.7 79.1#
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion:152 Resp: 240613
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 158.3 0.0 339.8

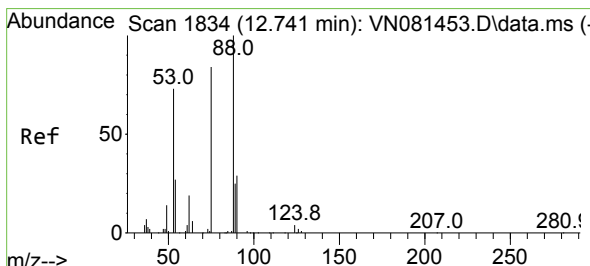
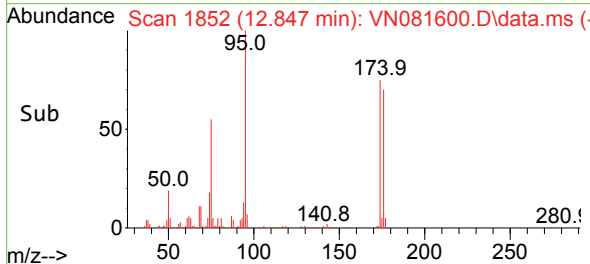
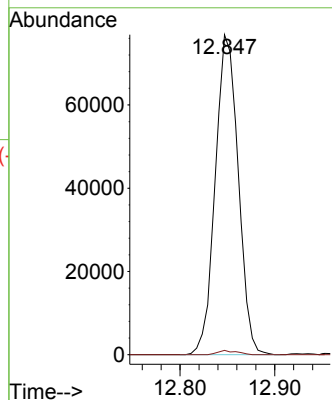
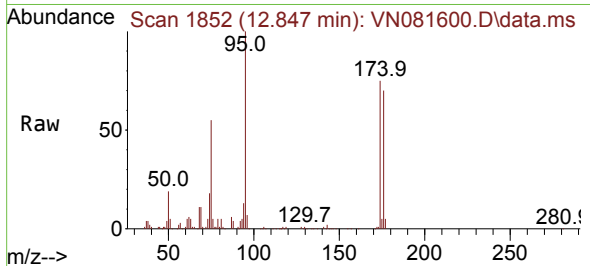




#76
1,2,3-Trichloropropane
Concen: 22.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Instrument : MSVOA_N
ClientSampleId : MW-1

Tgt Ion: 75 Resp: 129637
Ion Ratio Lower Upper
75 100
77 1.1 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.866 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 75 Resp: 129637
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

