

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080881.D
 Acq On : 02 Feb 2024 18:15
 Operator : JC\MD
 Sample : P1365-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240201

Quant Time: Feb 02 23:54:44 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)

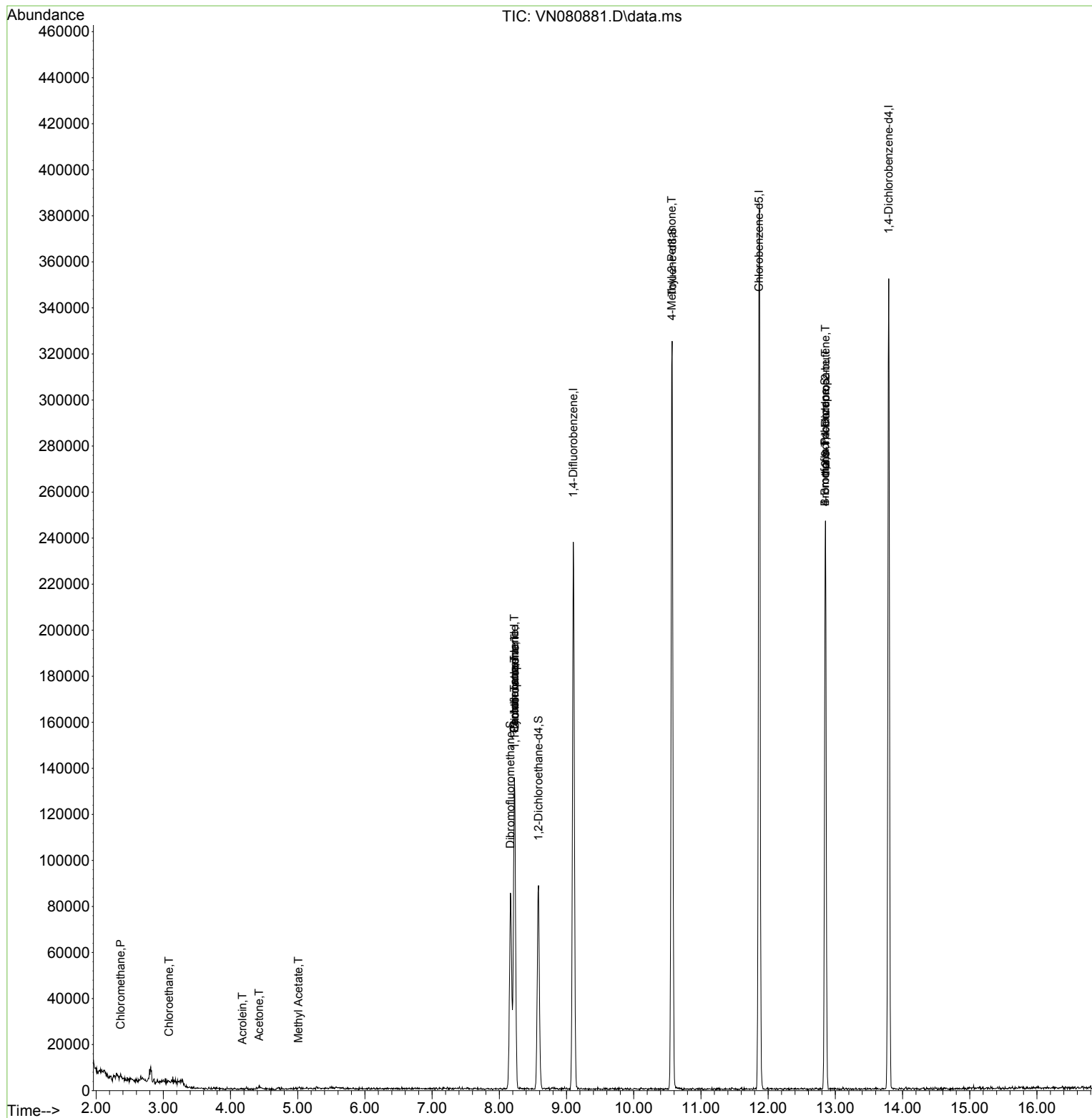
Internal Standards						
1) Pentafluorobenzene	8.224	168	82742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	180046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	65562	45.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.600%		
35) Dibromofluoromethane	8.165	113	57290	52.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.020%		
50) Toluene-d8	10.571	98	206259	47.841	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.847	95	83355	55.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.960%		
Target Compounds						Qvalue
3) Chloromethane	2.366	50	1076	0.582	ug/l #	84
6) Chloroethane	3.083	64	205	0.274	ug/l #	42
13) Acrolein	4.177	56	77	0.262	ug/l #	1
16) Acetone	4.424	43	2084	4.014	ug/l #	44
18) Methyl Acetate	5.013	43	417	0.230	ug/l	95
31) Cyclohexane	8.224	56	2970	1.210	ug/l #	46
36) 1,1-Dichloropropene	8.230	75	8923	4.358	ug/l #	45
38) Carbon Tetrachloride	8.224	117	10073	6.106	ug/l #	14
51) 4-Methyl-2-Pentanone	10.565	43	1815	0.846	ug/l #	1
71) Bromoform	12.847	173	345	0.367	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	50332	21.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50332	55.715	ug/l #	14

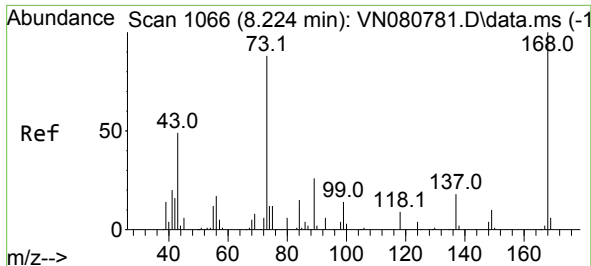
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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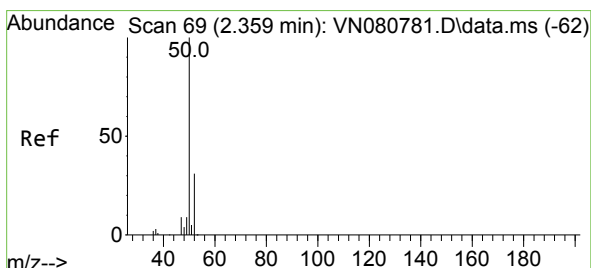
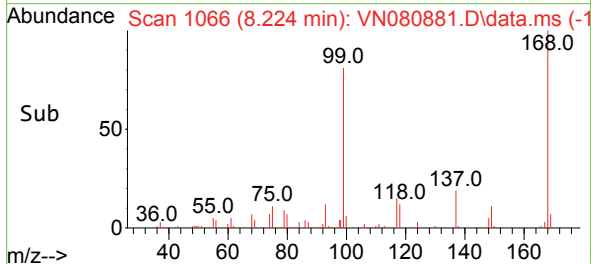
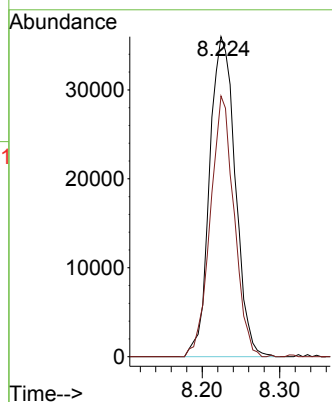
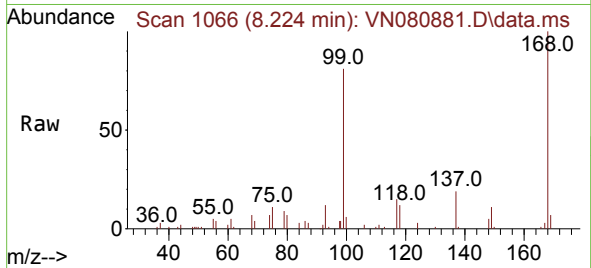




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

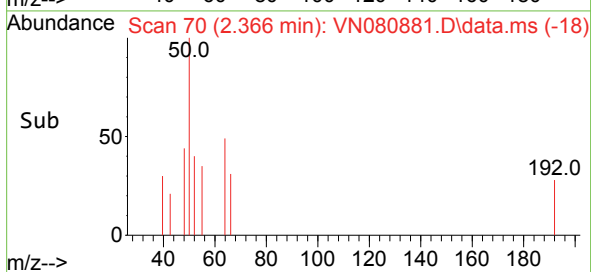
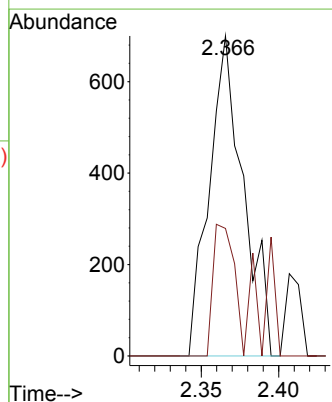
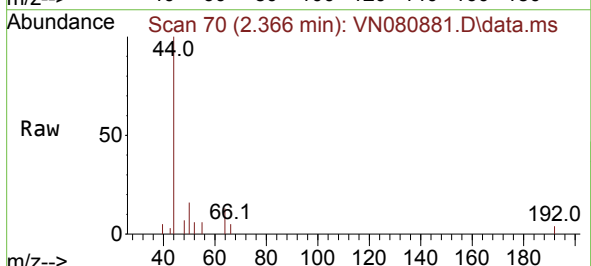
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

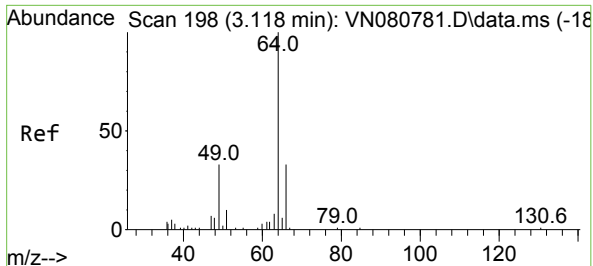
Tgt Ion:168 Resp: 82742
Ion Ratio Lower Upper
168 100
99 81.4 59.9 89.9



#3
Chloromethane
Concen: 0.582 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 50 Resp: 1076
Ion Ratio Lower Upper
50 100
52 39.9 25.0 37.4#

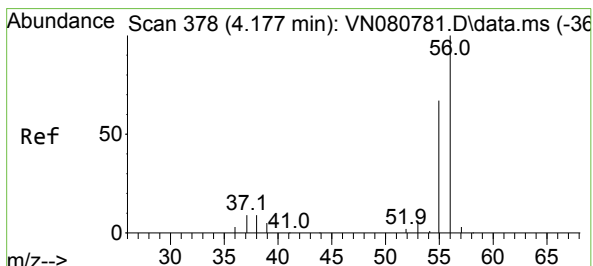
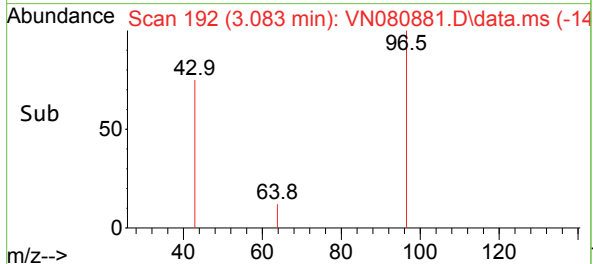
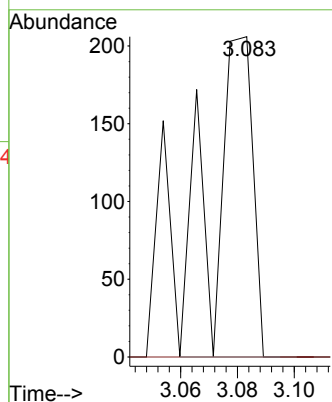
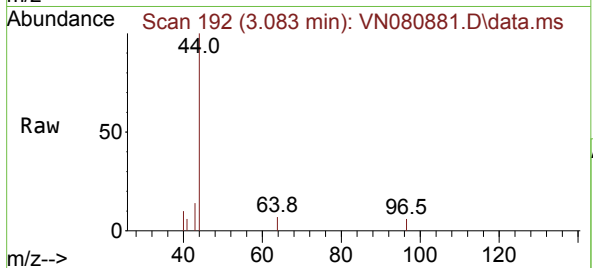




#6
Chloroethane
Concen: 0.274 ug/l
RT: 3.083 min Scan# 198
Delta R.T. -0.035 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

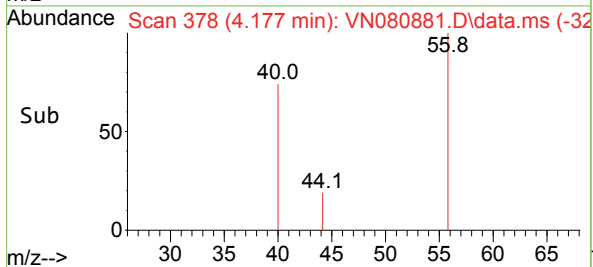
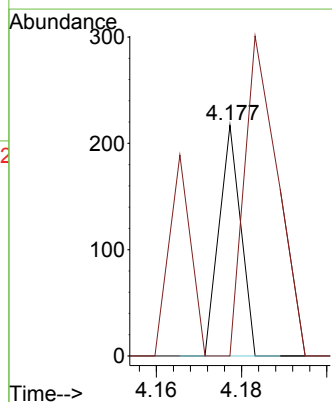
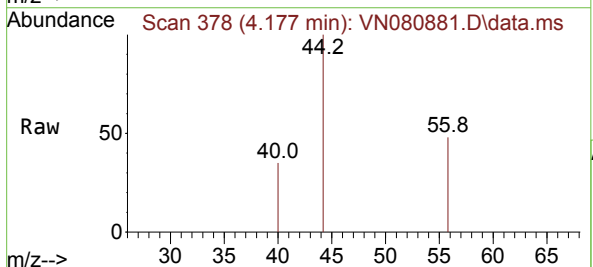
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

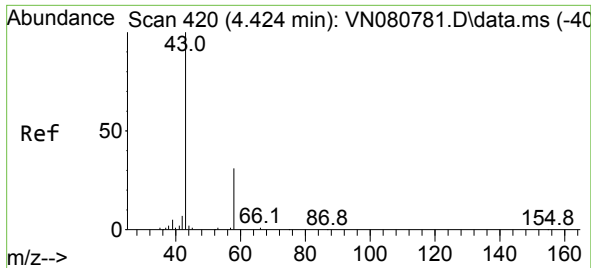
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.262 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 210.4 55.3 82.9#

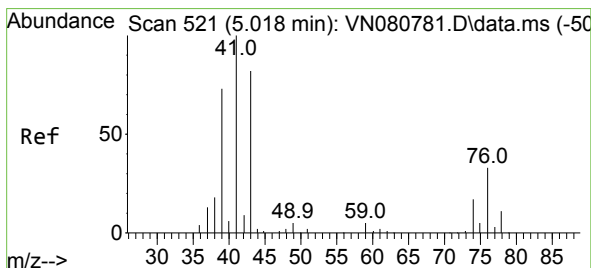
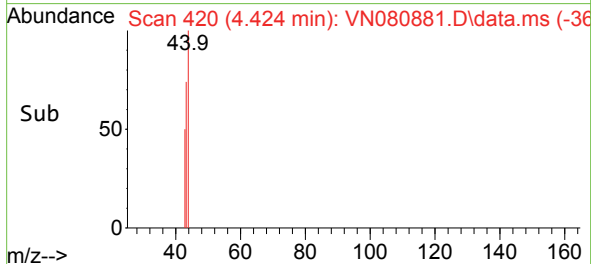
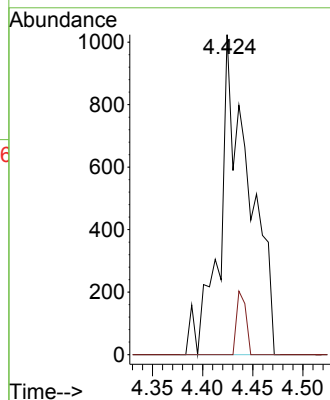
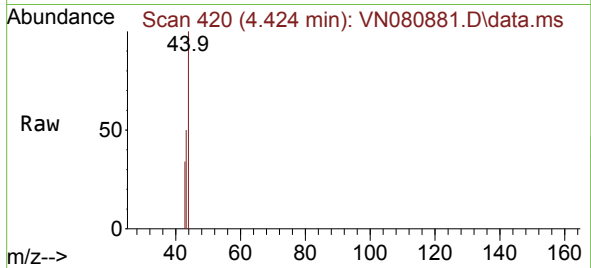




#16
Acetone
Concen: 4.014 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

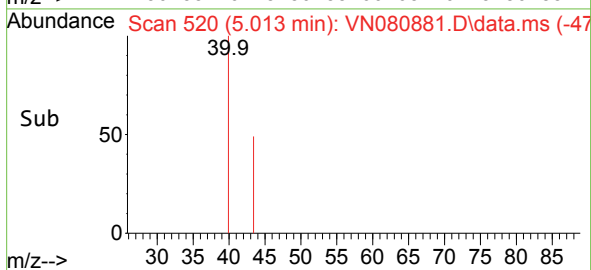
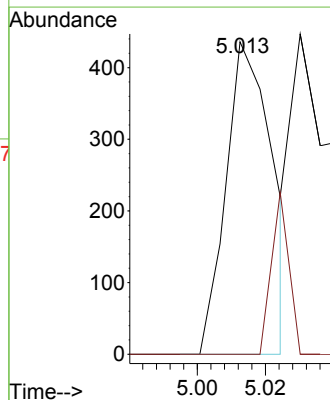
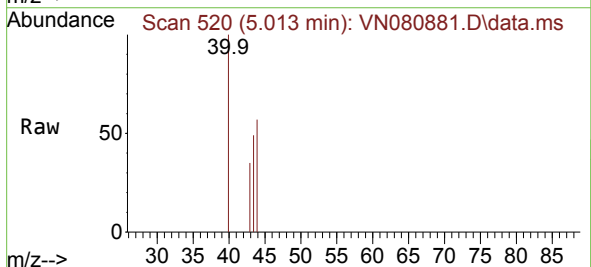
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

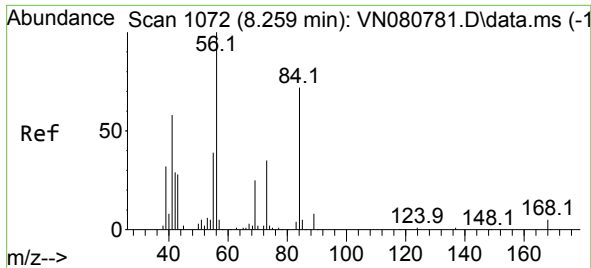
Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 5.013 min Scan# 520
Delta R.T. -0.005 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

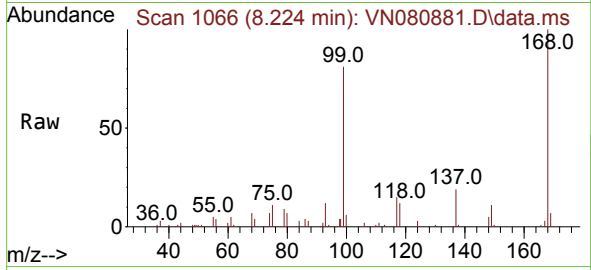
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 19.2 17.3 25.9



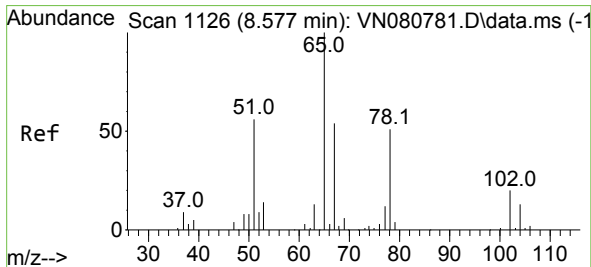
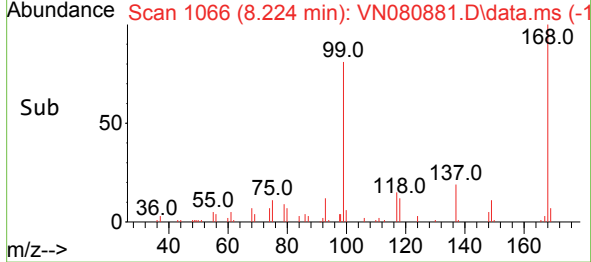
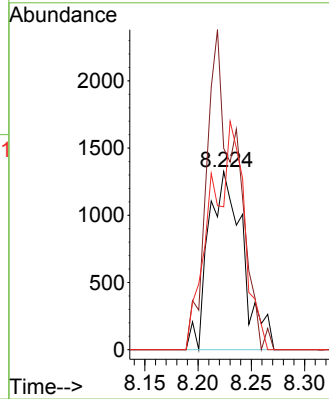


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

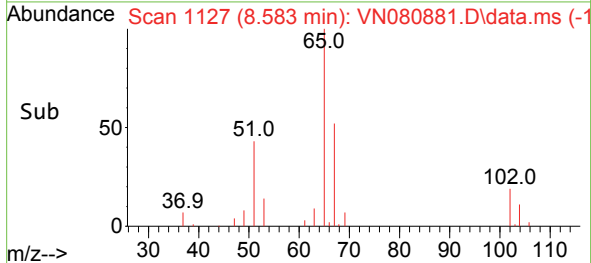
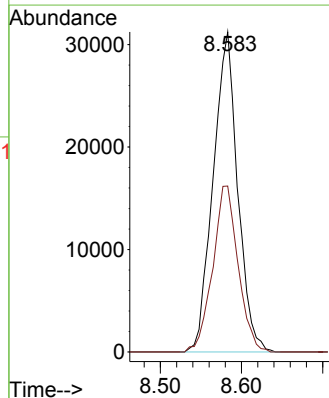
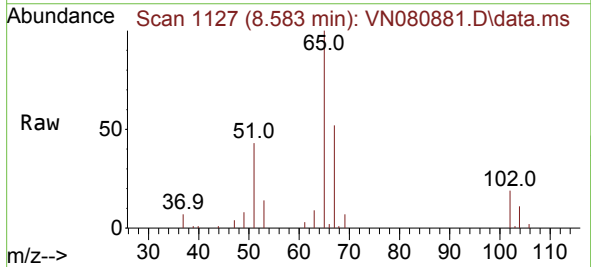


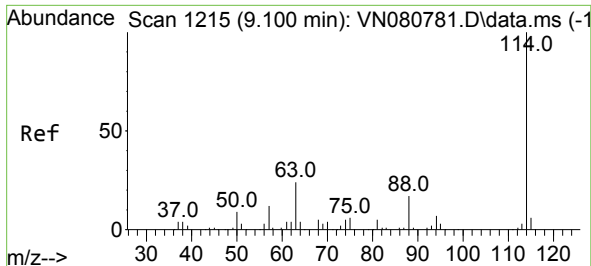
Tgt Ion: 56 Resp: 2970
Ion Ratio Lower Upper
56 100
69 113.1 20.1 30.1#
84 80.2 56.9 85.3



#33
1,2-Dichloroethane-d4
Concen: 45.802 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 65 Resp: 65562
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.4

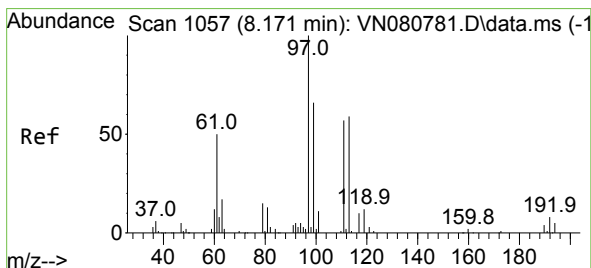
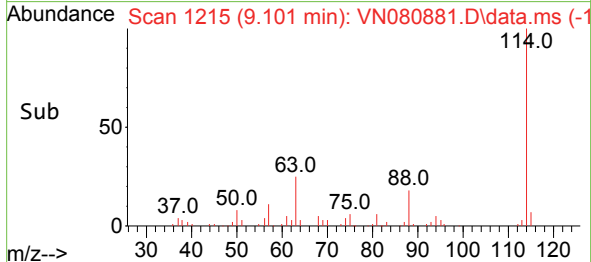
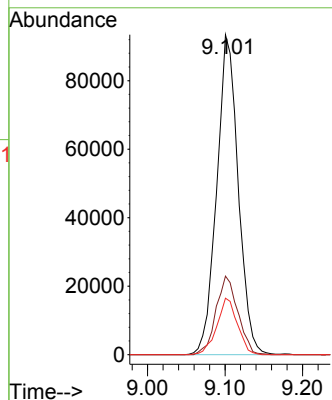
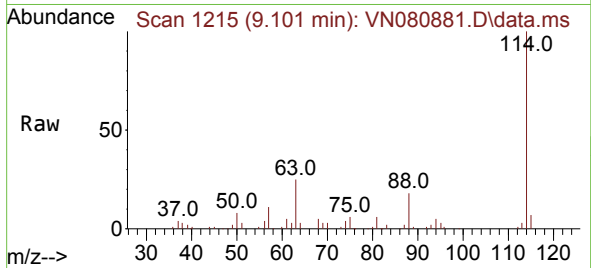




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.101 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

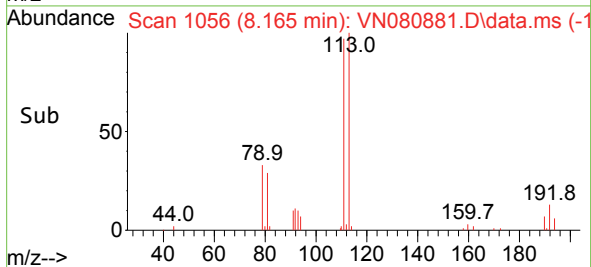
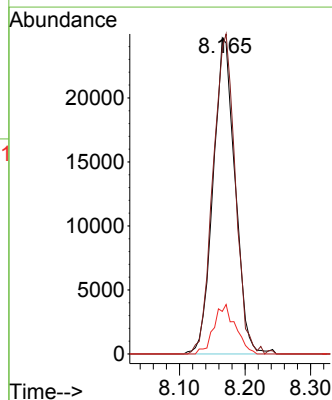
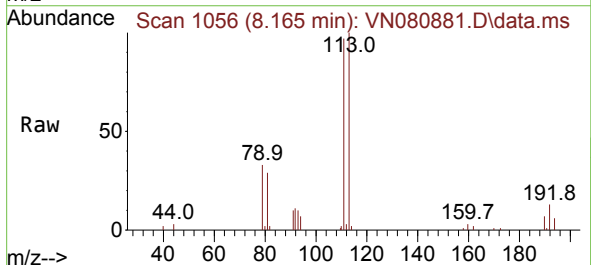
Instrument :
MSVOA_N
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TB-20240201

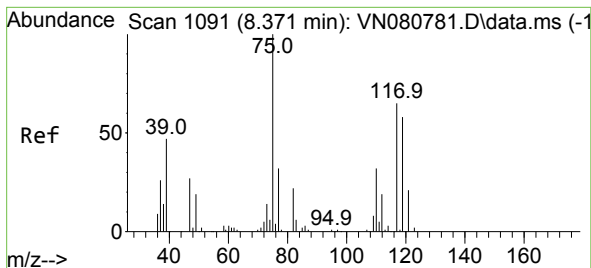
Tgt Ion:114 Resp: 180046
Ion Ratio Lower Upper
114 100
63 24.5 0.0 48.0
88 17.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion:113 Resp: 57290
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 15.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.358 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN080881.D

Acq: 02 Feb 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

TB-20240201

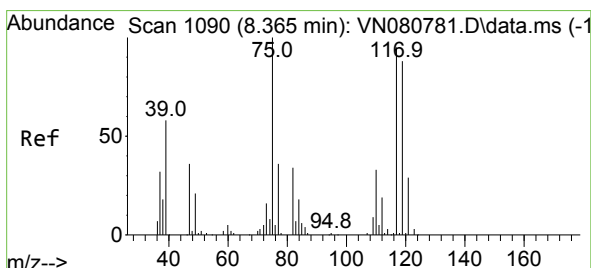
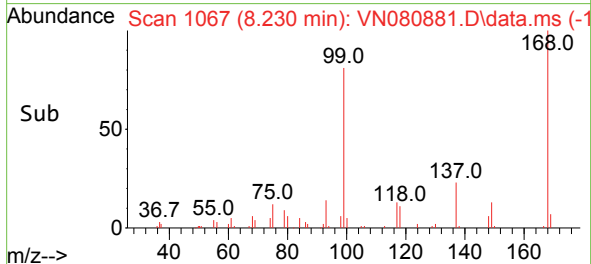
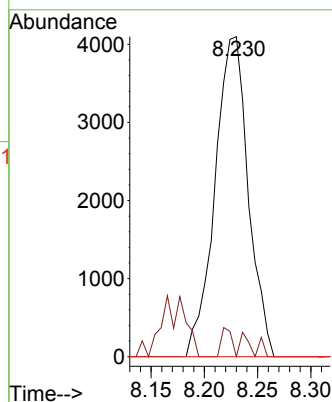
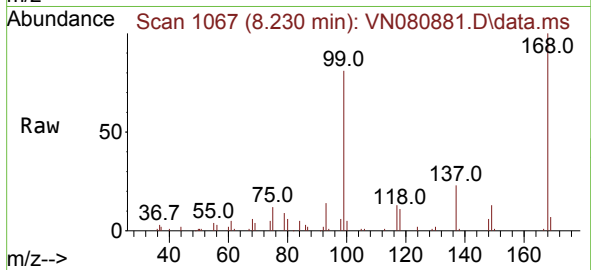
Tgt Ion: 75 Resp: 8923

Ion Ratio Lower Upper

75 100

110 2.8 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.106 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080881.D

Acq: 02 Feb 2024 18:15

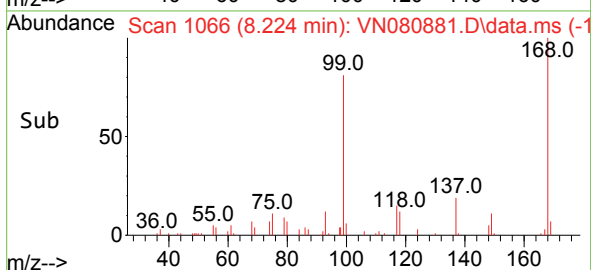
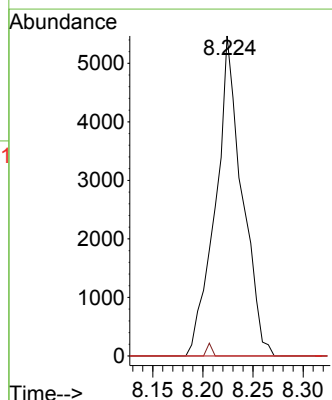
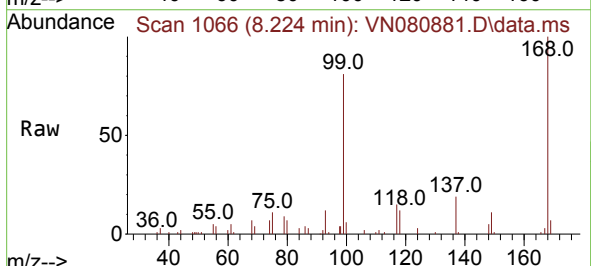
Tgt Ion: 117 Resp: 10073

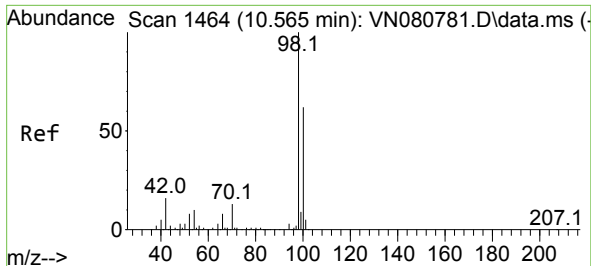
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#

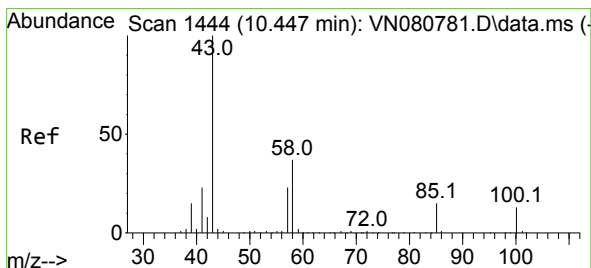
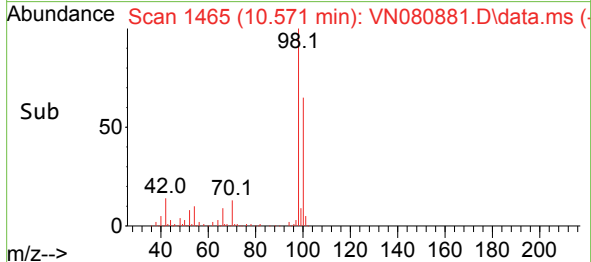
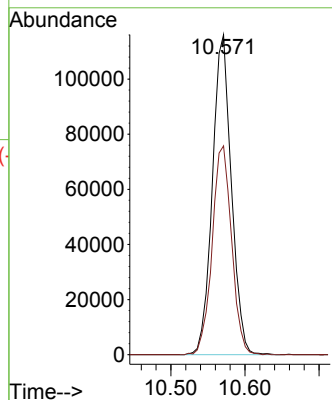
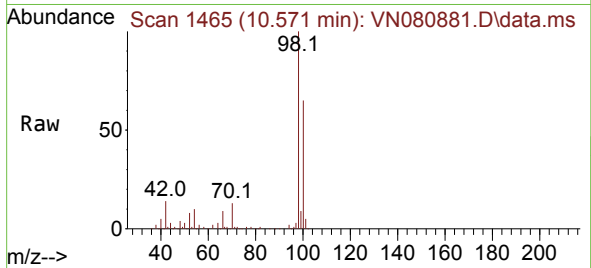




#50
Toluene-d8
Concen: 47.841 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

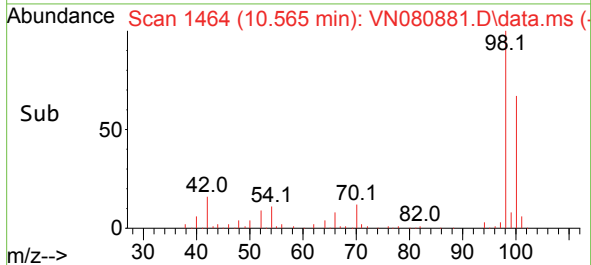
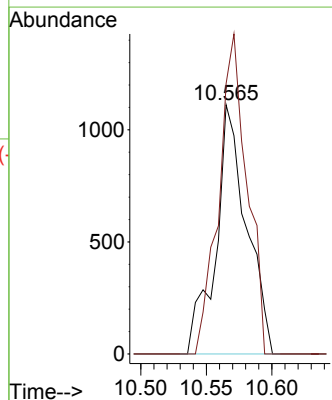
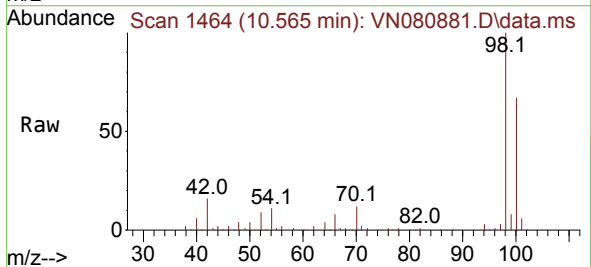
Instrument :
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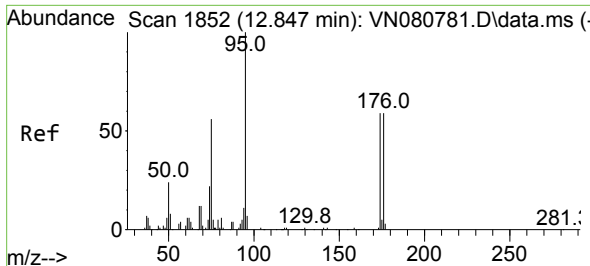
Tgt Ion: 98 Resp: 206259
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.846 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 117.6 29.4 44.0#

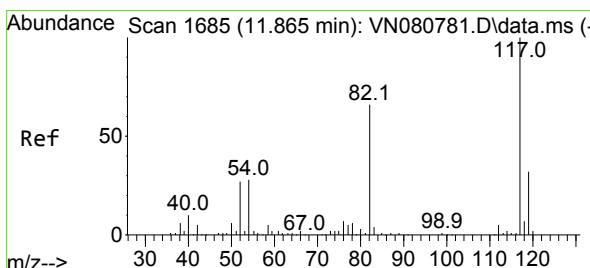
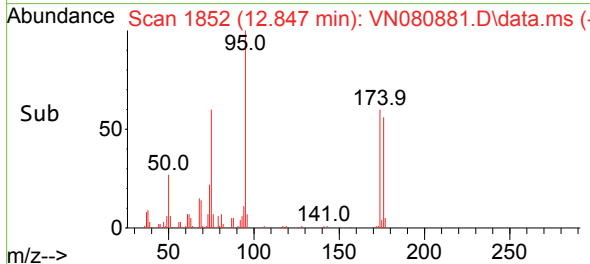
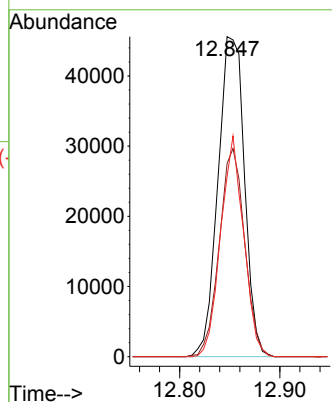
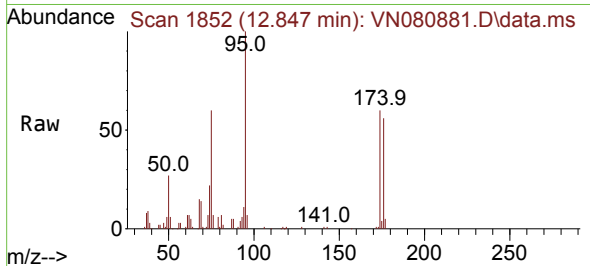




#62
4-Bromofluorobenzene
Concen: 55.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

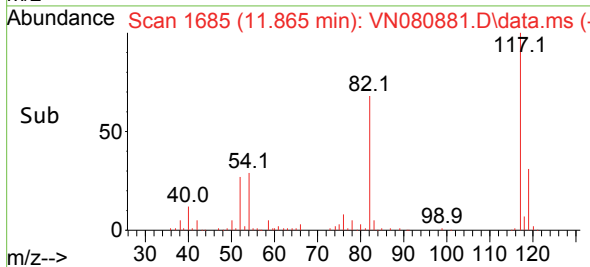
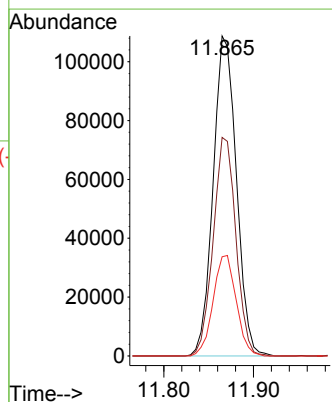
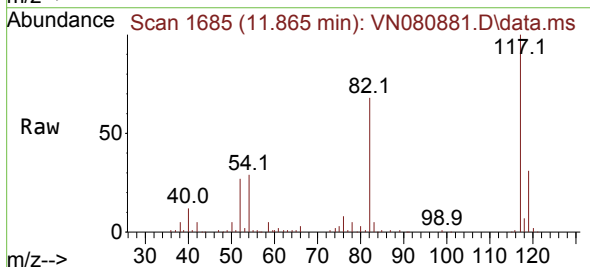
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

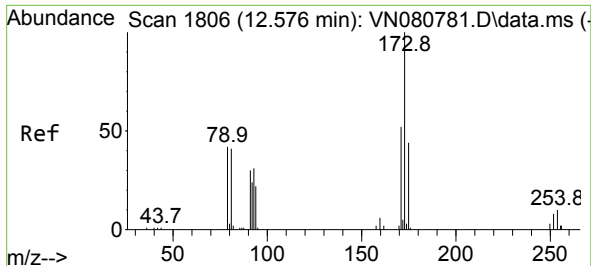
Tgt Ion: 95 Resp: 83355
Ion Ratio Lower Upper
95 100
174 62.4 0.0 120.4
176 59.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 117 Resp: 195632
Ion Ratio Lower Upper
117 100
82 68.3 52.7 79.1
119 31.0 25.3 37.9

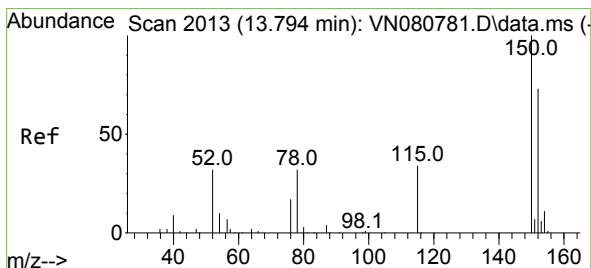
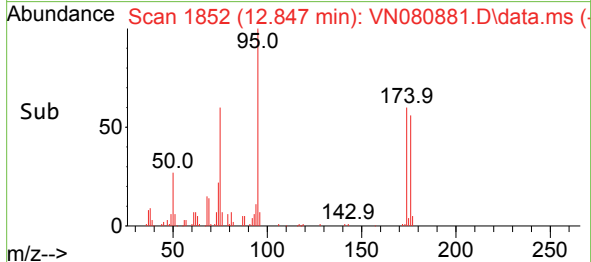
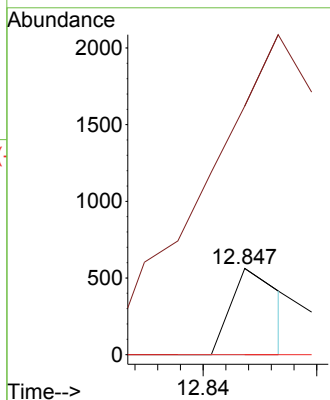
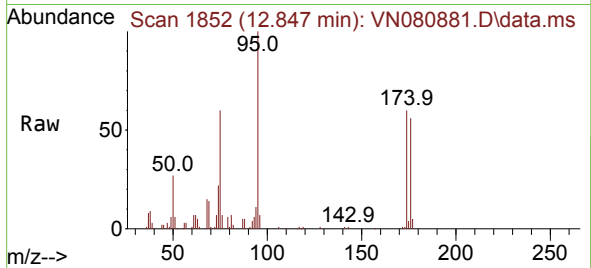




#71
Bromoform
Concen: 0.367 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

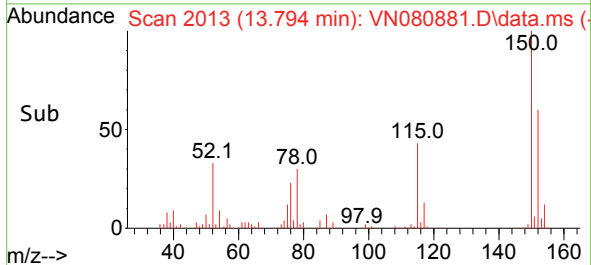
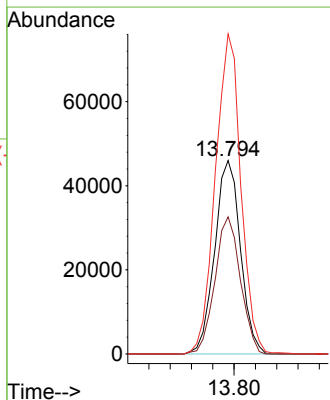
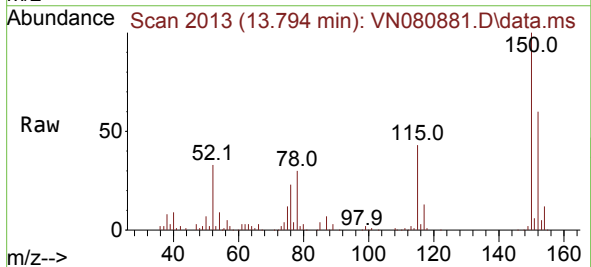
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

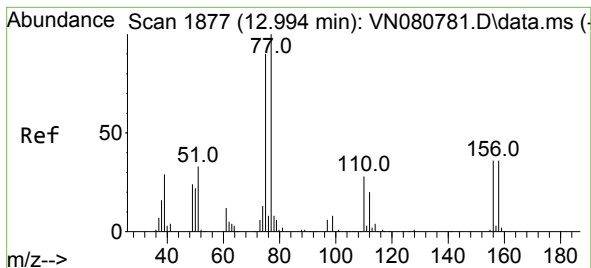
Tgt Ion:173 Resp: 345
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion:152 Resp: 77164
Ion Ratio Lower Upper
152 100
115 70.1 32.3 96.8
150 163.9 0.0 339.8

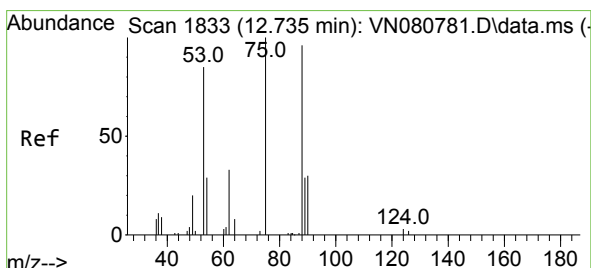
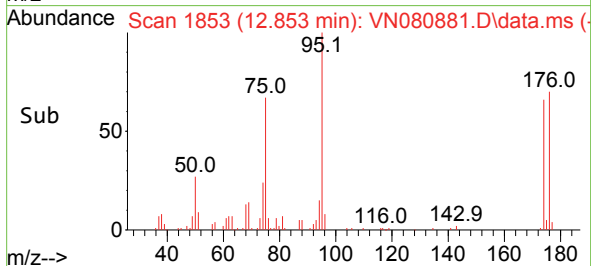
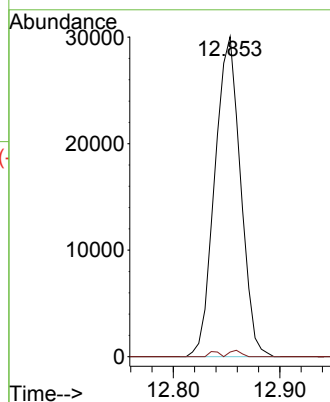
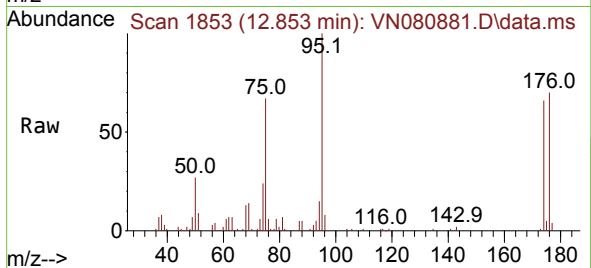




#76
1,2,3-Trichloropropane
Concen: 21.627 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

Tgt Ion: 75 Resp: 50332
Ion Ratio Lower Upper
75 100
77 0.9 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.715 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 75 Resp: 50332
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

