

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080888.D
 Acq On : 02 Feb 2024 21:03
 Operator : JC\MD
 Sample : P1368-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240201

Quant Time: Feb 02 23:58:35 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)

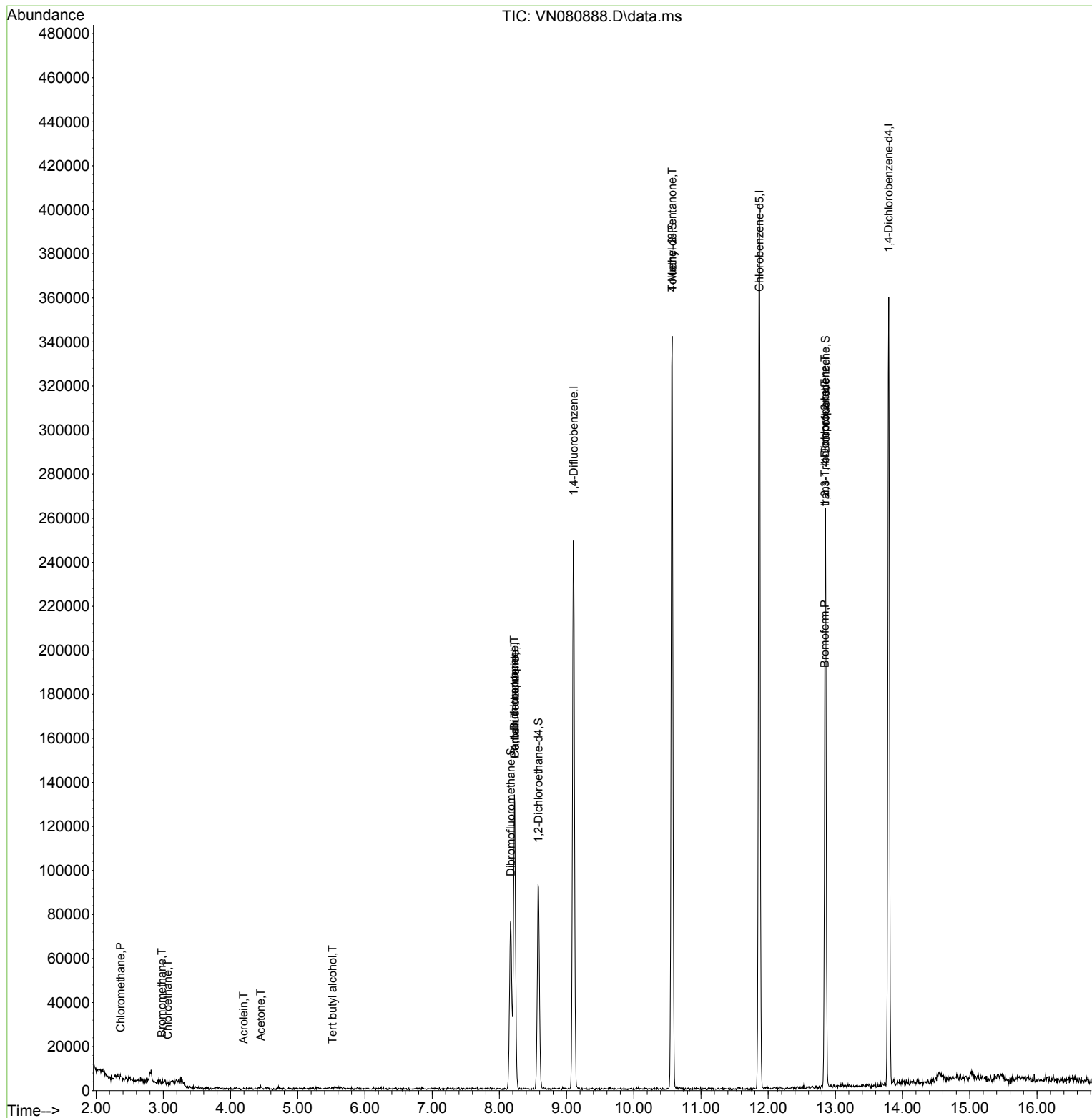
Internal Standards						
1) Pentafluorobenzene	8.230	168	79612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	204179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71208	51.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.400%	
35) Dibromofluoromethane	8.171	113	52387	44.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.700%	
50) Toluene-d8	10.571	98	222028	48.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.040%	
62) 4-Bromofluorobenzene	12.853	95	86534	53.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1081	0.608	ug/l #	43
5) Bromomethane	2.977	94	136	0.252	ug/l #	6
6) Chloroethane	3.065	64	169	0.235	ug/l #	42
11) Tert butyl alcohol	5.518	59	55	0.245	ug/l #	72
13) Acrolein	4.195	56	71	0.251	ug/l #	1
16) Acetone	4.447	43	2054	4.112	ug/l #	71
36) 1,1-Dichloropropene	8.224	75	9356	4.261	ug/l #	48
38) Carbon Tetrachloride	8.230	117	10669	6.031	ug/l #	14
51) 4-Methyl-2-Pentanone	10.571	43	1396	0.607	ug/l #	1
71) Bromoform	12.841	173	211	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	50259	20.786	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50259	53.550	ug/l #	14

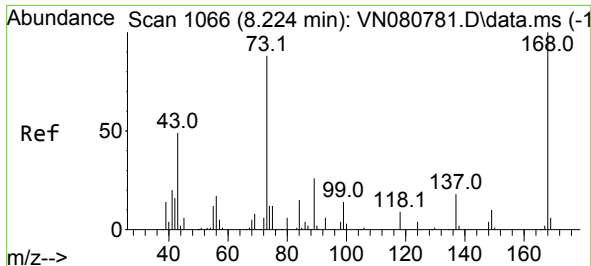
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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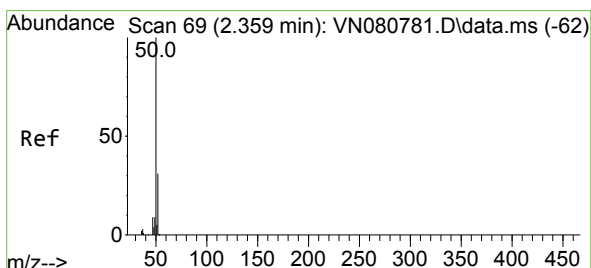
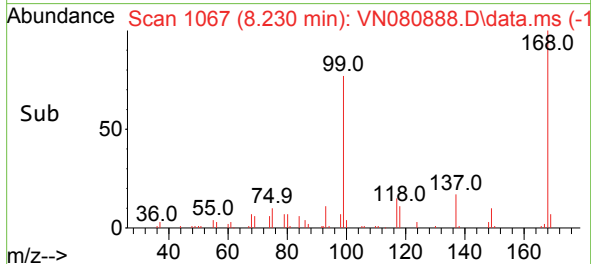
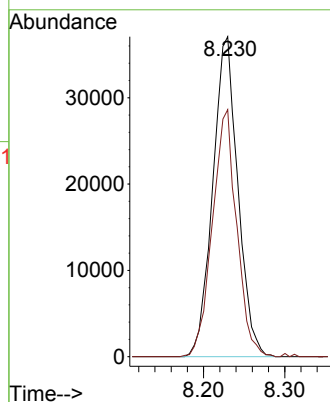
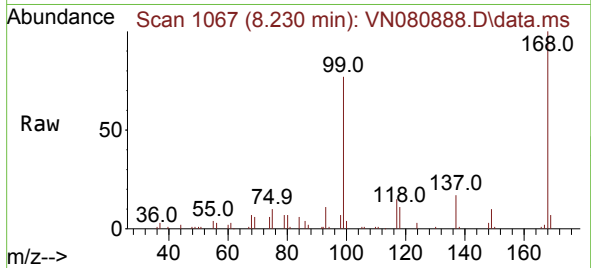




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

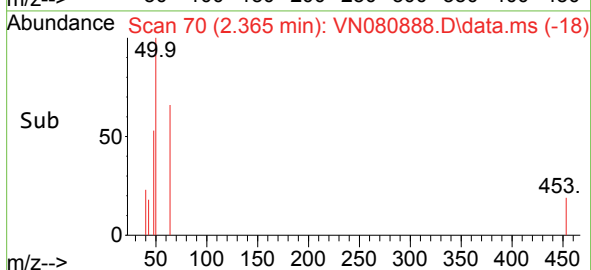
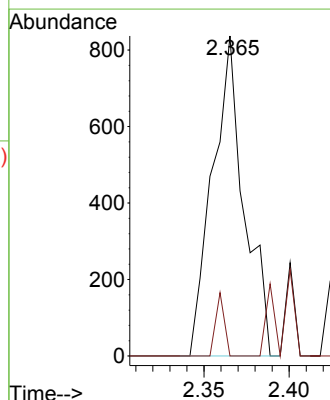
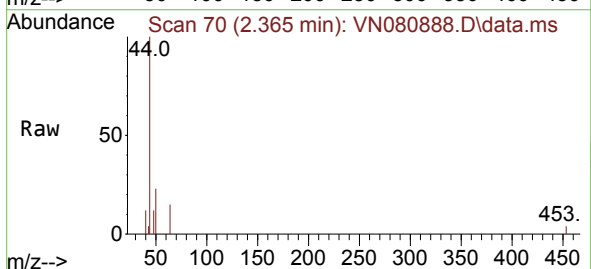
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

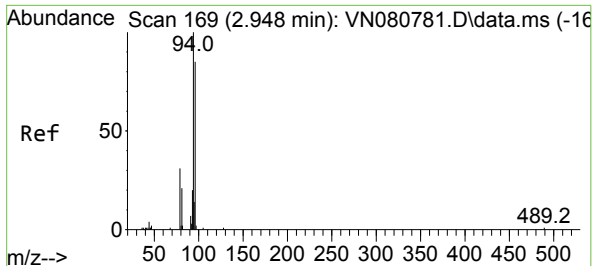
Tgt Ion:168 Resp: 79612
Ion Ratio Lower Upper
168 100
99 77.2 59.9 89.9



#3
Chloromethane
Concen: 0.608 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 50 Resp: 1081
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

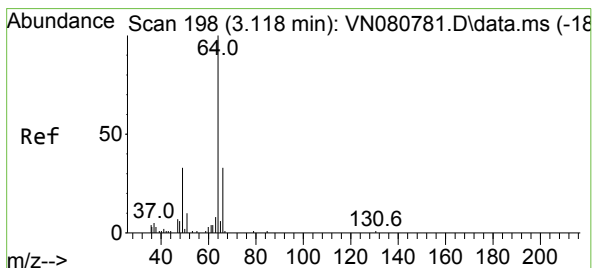
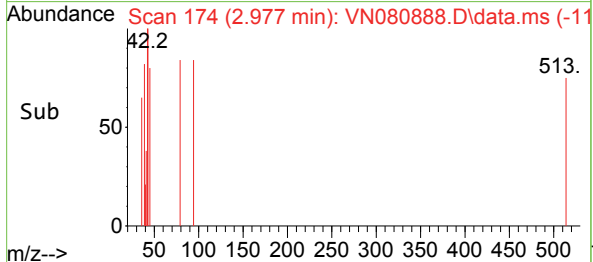
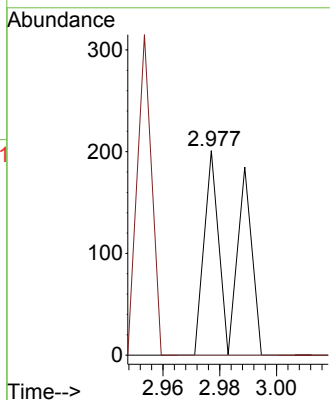
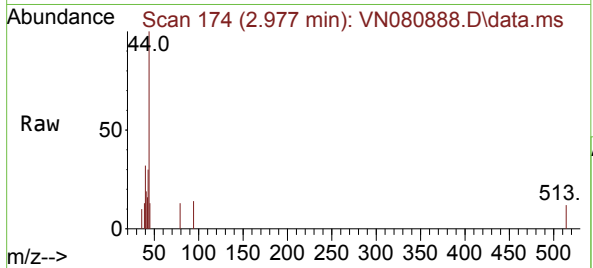




#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

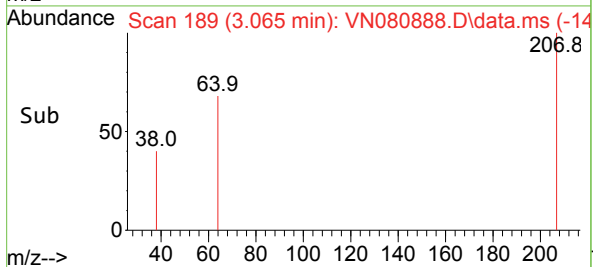
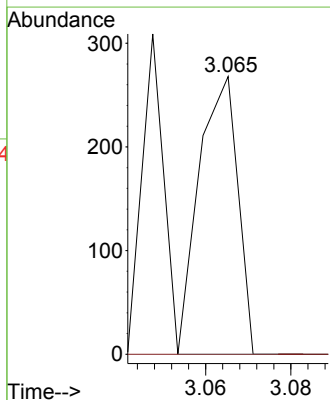
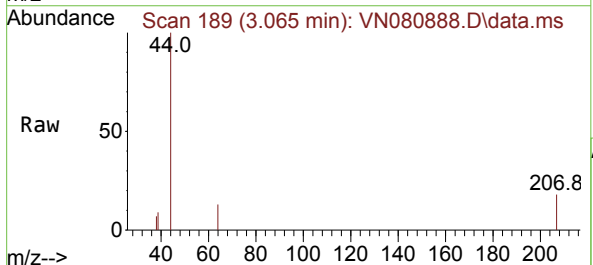
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

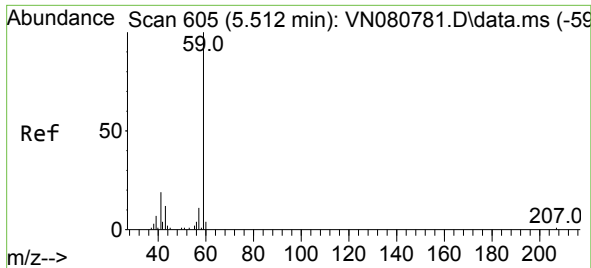
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.235 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

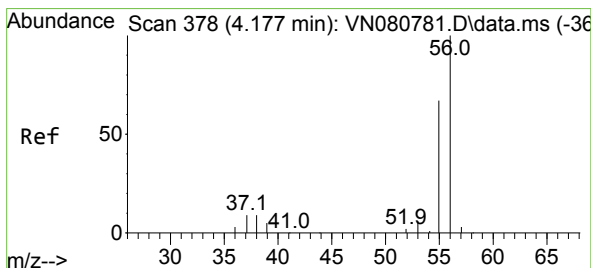
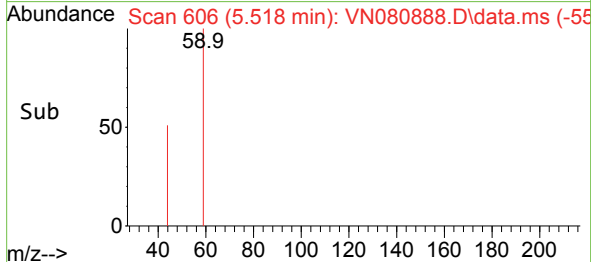
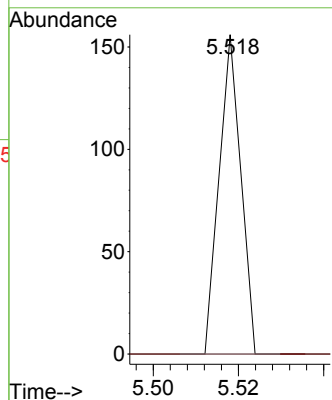
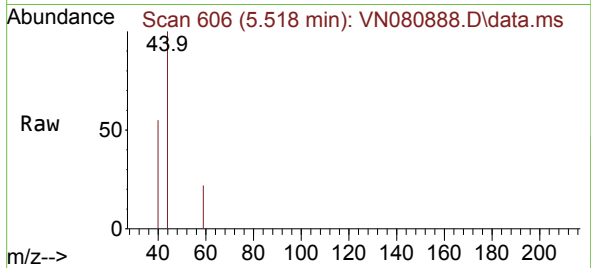




#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

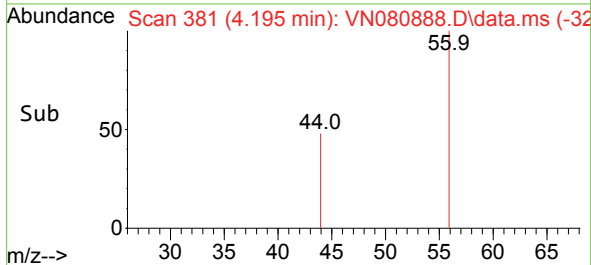
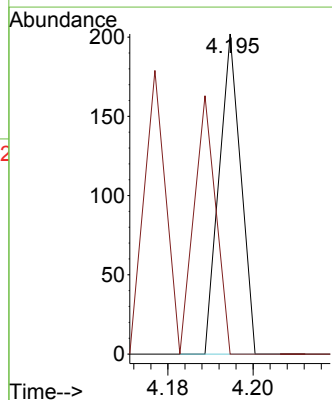
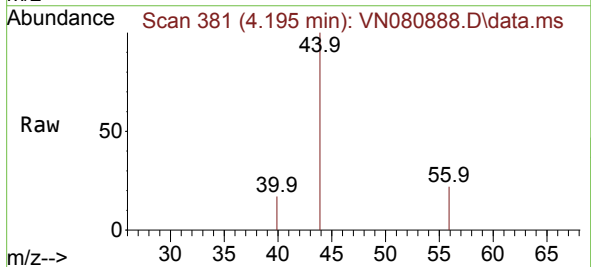
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

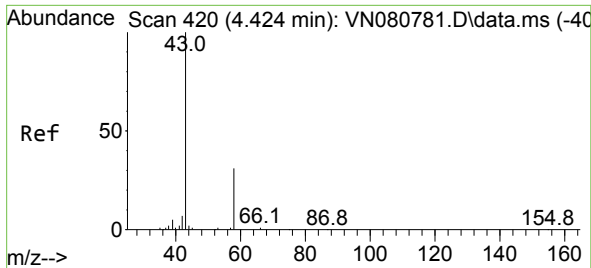
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.251 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 170.4 55.3 82.9#

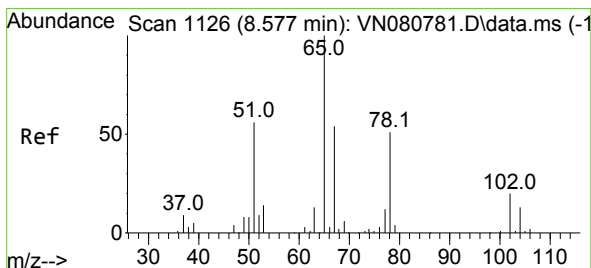
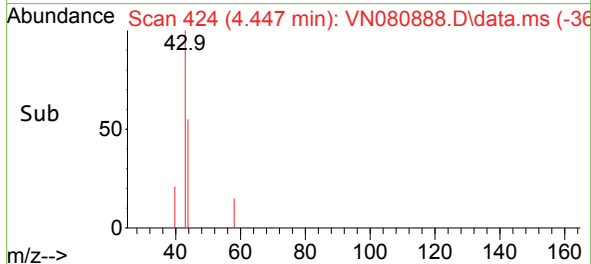
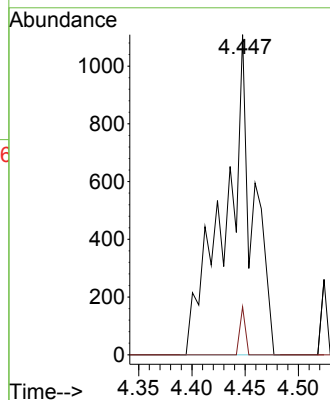
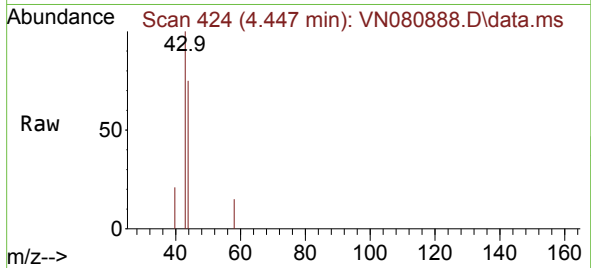




#16
Acetone
Concen: 4.112 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

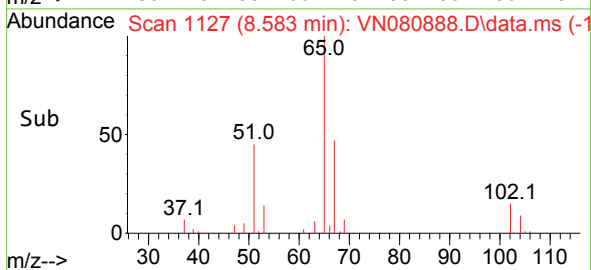
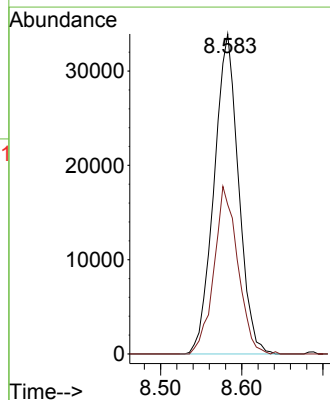
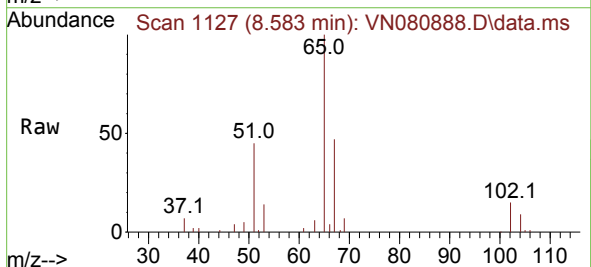
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

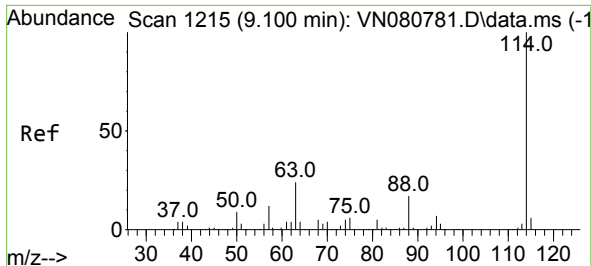
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 15.0 24.8 37.2#



#33
1,2-Dichloroethane-d4
Concen: 51.702 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 65 Resp: 71208
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

Instrument :

MSVOA_N

ClientSampleId :

TB-20240201

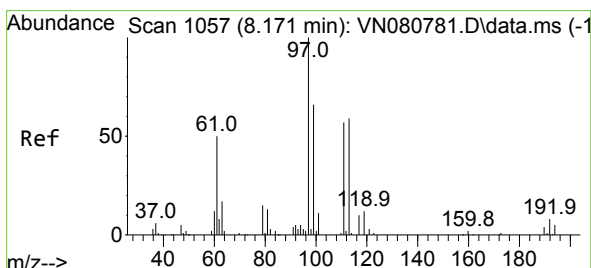
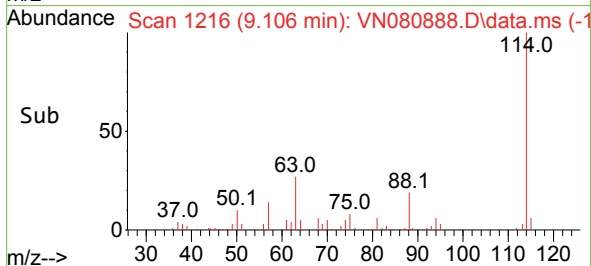
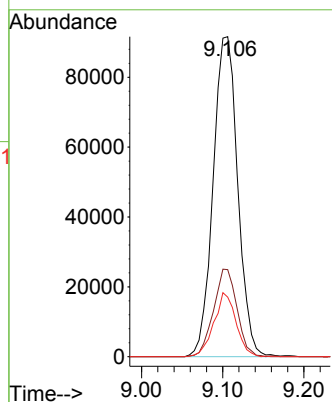
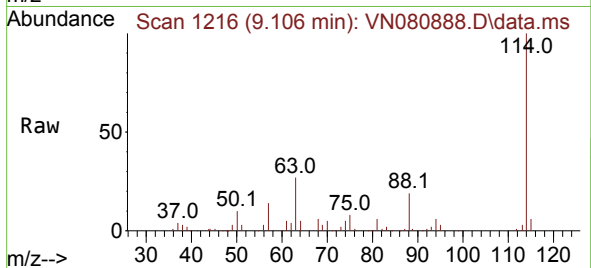
Tgt Ion:114 Resp: 193085

Ion Ratio Lower Upper

114 100

63 27.2 0.0 48.0

88 18.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.347 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

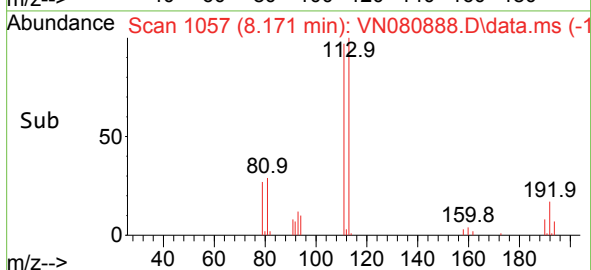
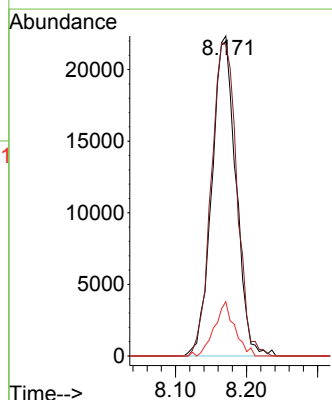
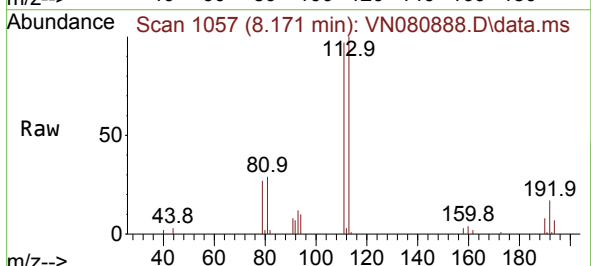
Tgt Ion:113 Resp: 52387

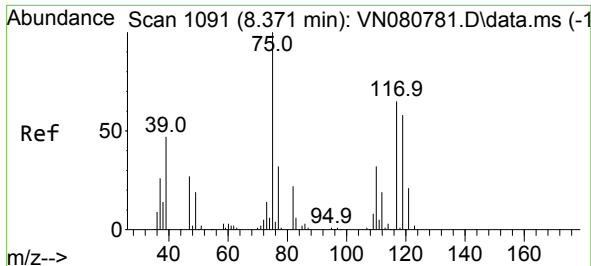
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 14.4 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.261 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

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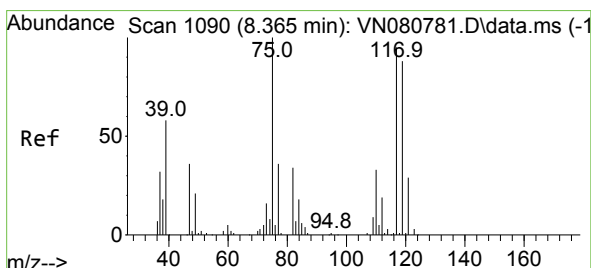
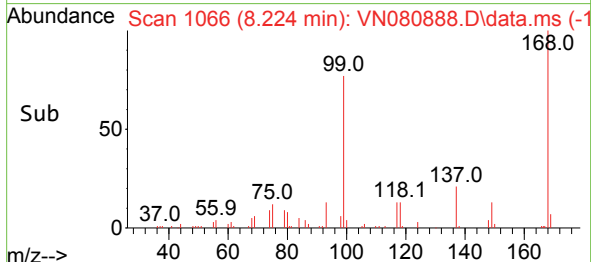
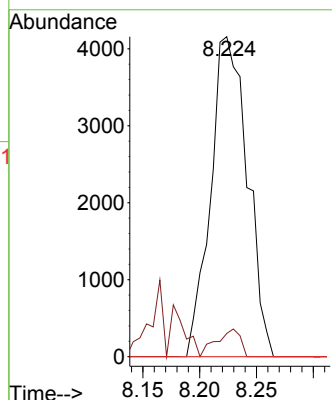
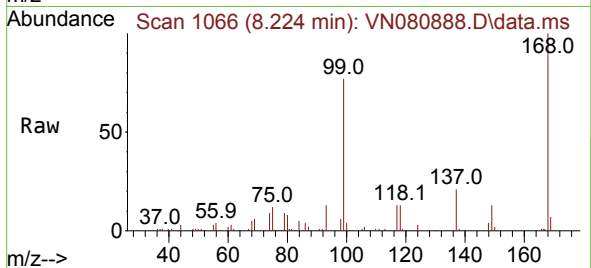
Tgt Ion: 75 Resp: 9356

Ion Ratio Lower Upper

75 100

110 5.6 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.031 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

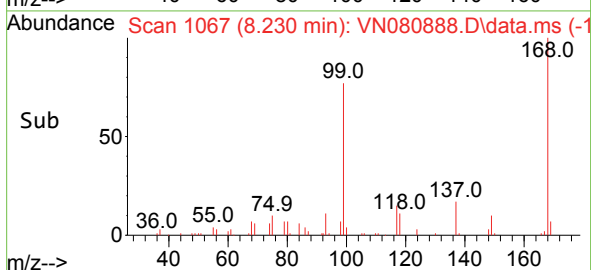
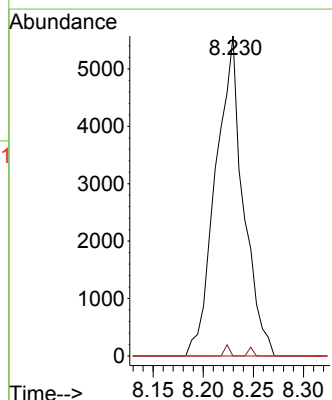
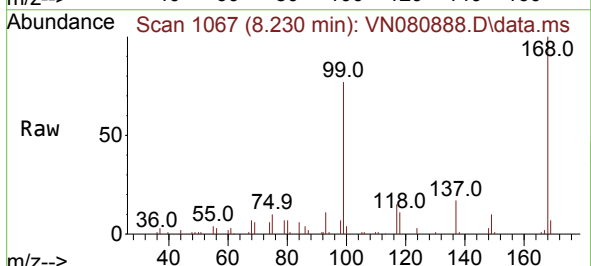
Tgt Ion: 117 Resp: 10669

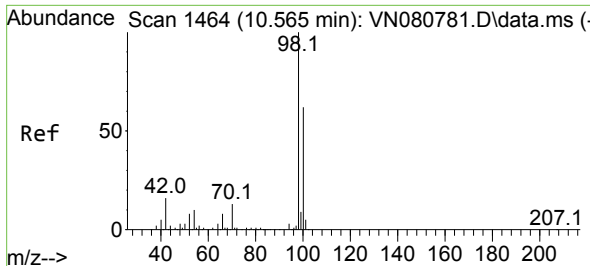
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#

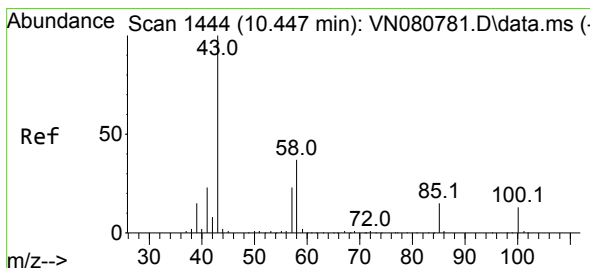
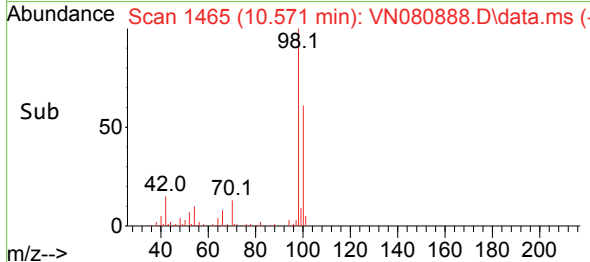
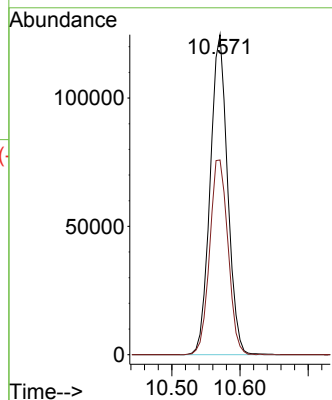
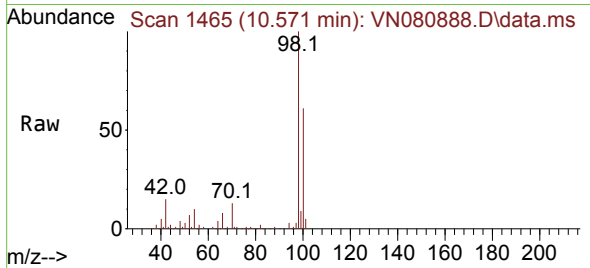




#50
Toluene-d8
Concen: 48.021 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

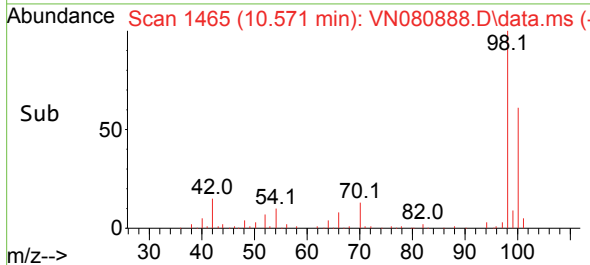
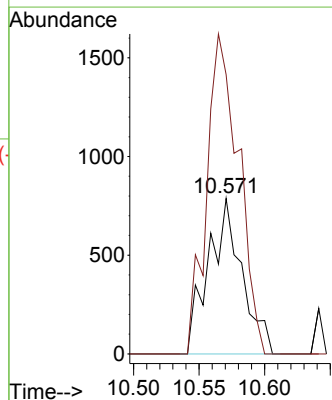
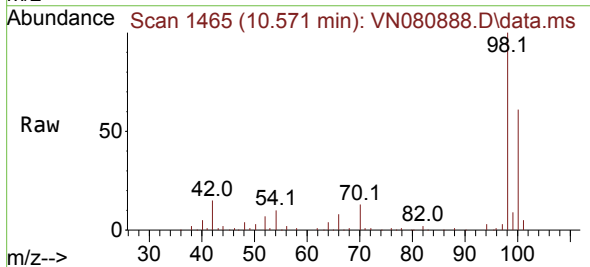
Instrument :
MSVOA_N
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TB-20240201

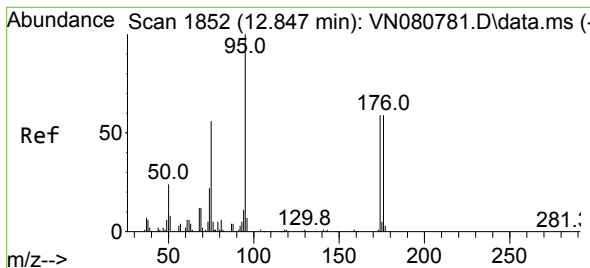
Tgt Ion: 98 Resp: 222028
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 197.9 29.4 44.0#

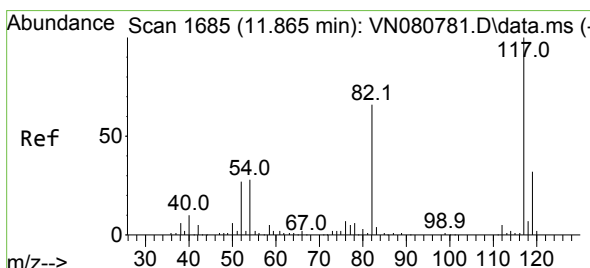
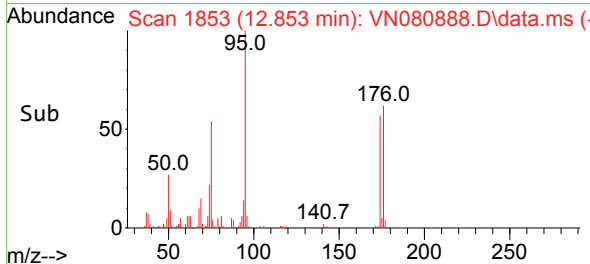
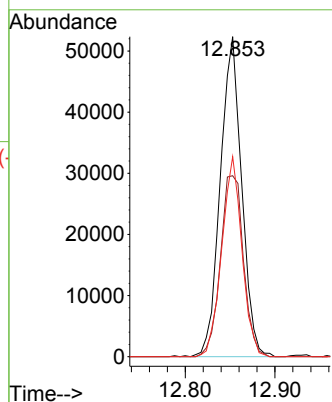
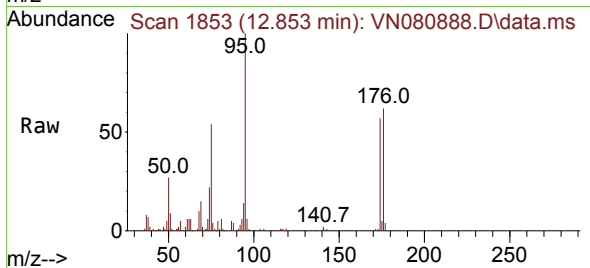




#62
4-Bromofluorobenzene
Concen: 53.709 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

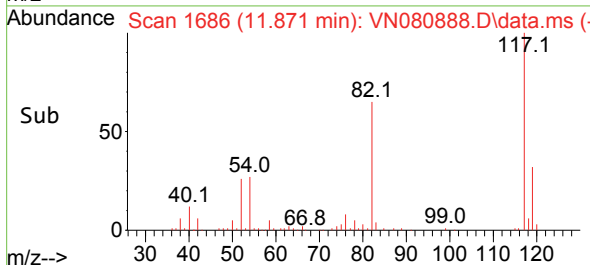
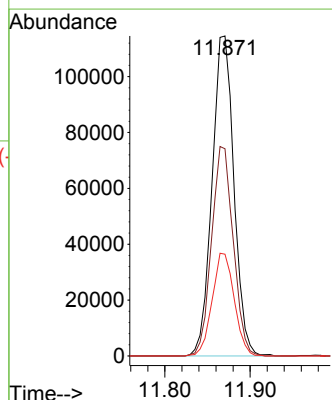
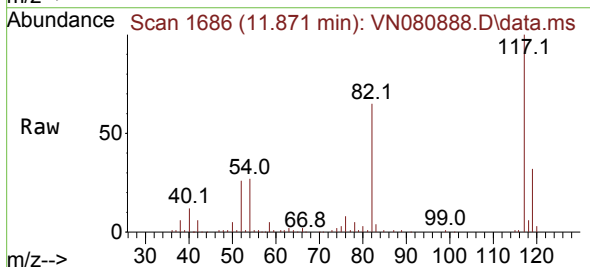
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

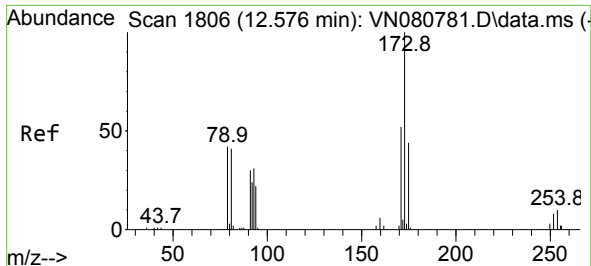
Tgt Ion: 95 Resp: 86534
Ion Ratio Lower Upper
95 100
174 61.2 0.0 120.4
176 59.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 117 Resp: 204179
Ion Ratio Lower Upper
117 100
82 64.8 52.7 79.1
119 31.8 25.3 37.9

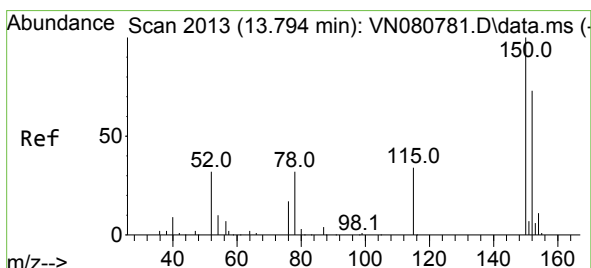
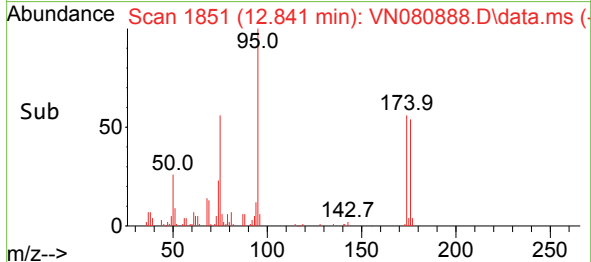
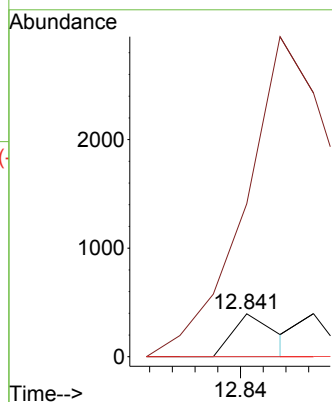
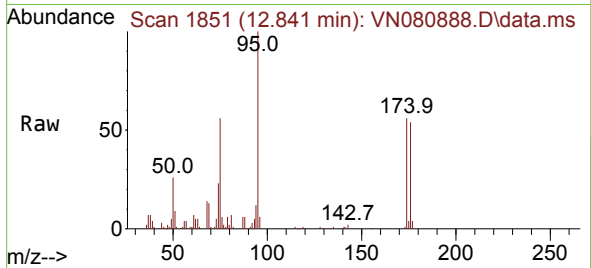




#71
Bromoform
Concen: 0.215 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

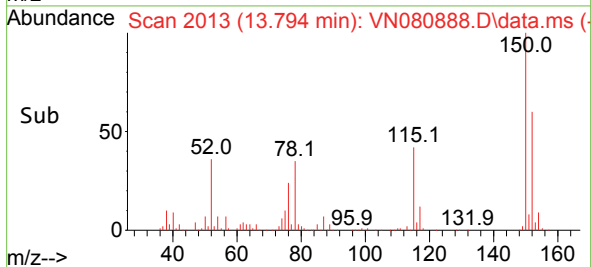
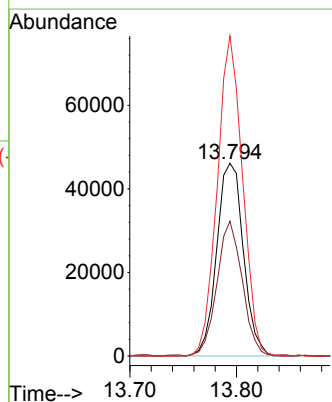
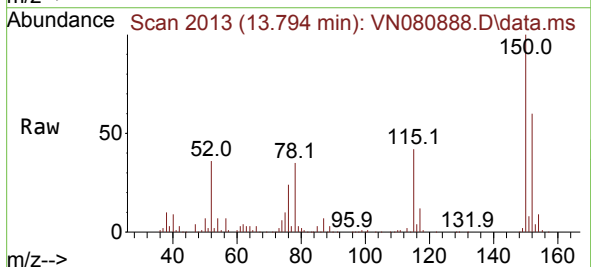
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

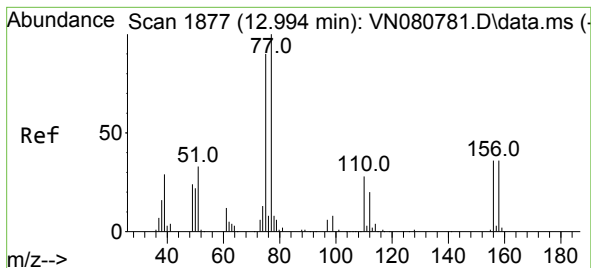
Tgt Ion:173 Resp: 211
Ion Ratio Lower Upper
173 100
175 1264.5 23.1 69.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 157.1 0.0 339.8

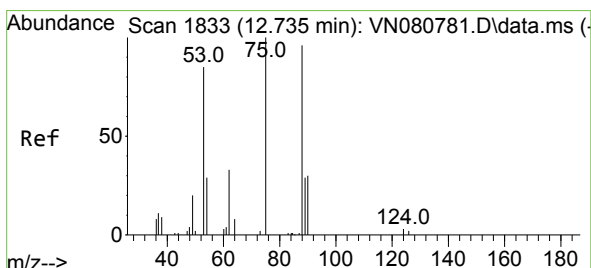
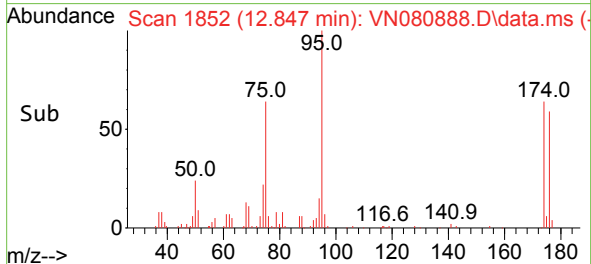
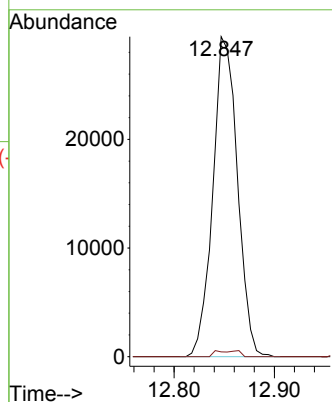
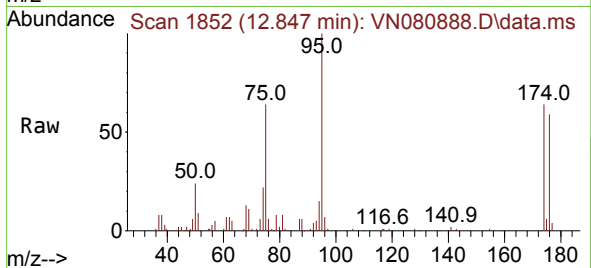




#76
1,2,3-Trichloropropane
Concen: 20.786 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

Tgt Ion: 75 Resp: 50259
Ion Ratio Lower Upper
75 100
77 1.8 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 75 Resp: 50259
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

