

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081556.D
 Acq On : 25 Mar 2024 12:56
 Operator : JC\MD
 Sample : P1838-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

Quant Time: Mar 26 01:18:02 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

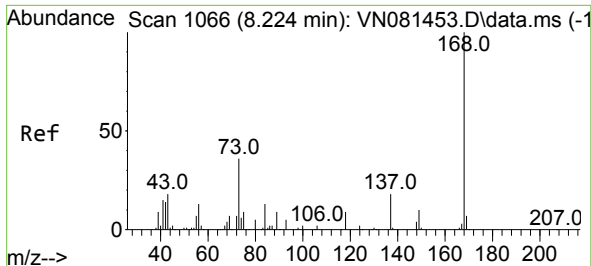
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	449530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	801170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	716571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	290843	50.734	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.460%		
35) Dibromofluoromethane	8.165	113	251473	49.736	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.480%		
50) Toluene-d8	10.565	98	950166	51.985	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.980%		
62) 4-Bromofluorobenzene	12.847	95	297131	46.136	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.280%		
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	424	0.473	ug/l #	15
16) Acetone	4.430	43	2715	1.465	ug/l	95
31) Cyclohexane	8.224	56	11346	1.216	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	36918	4.339	ug/l #	53
38) Carbon Tetrachloride	8.230	117	49703	5.332	ug/l #	20
44) Trichloroethene	9.353	130	8418	1.203	ug/l	87
51) 4-Methyl-2-Pentanone	10.571	43	3624	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	157675	22.557	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	157675	60.956	ug/l #	14

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

Quant Time: Mar 26 01:18:02 2024
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Response via : Initial Calibration

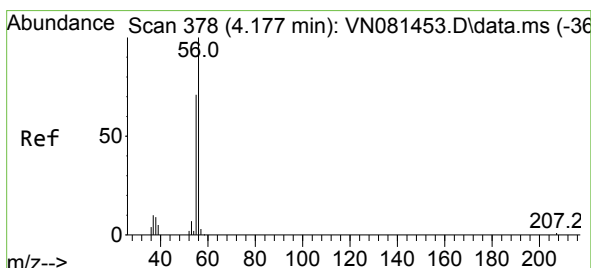
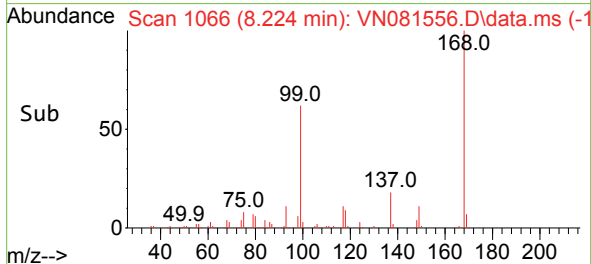
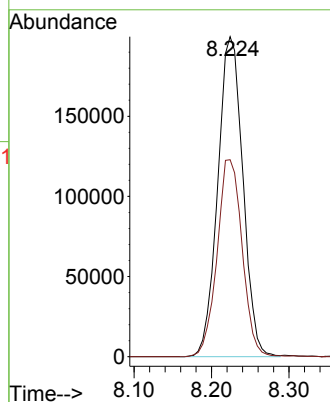
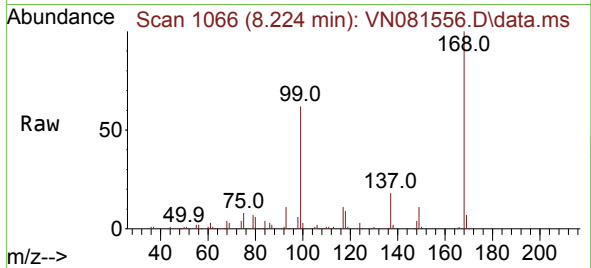




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

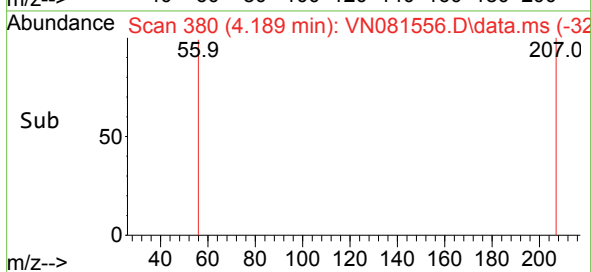
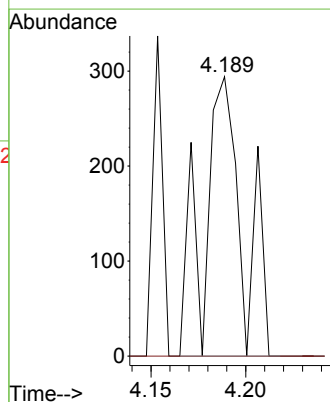
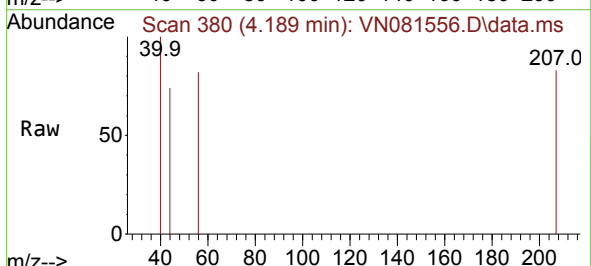
Instrument :
MSVOA_N
ClientSampleId :
TB-20240321

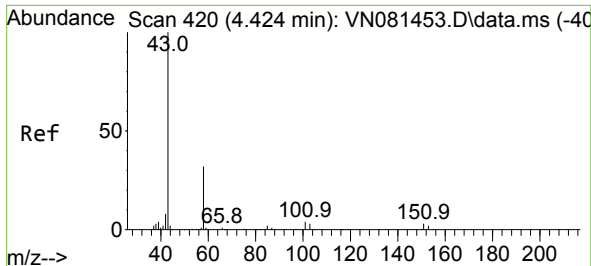
Tgt Ion:168 Resp: 449530
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#13
Acrolein
Concen: 0.473 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

Tgt Ion: 56 Resp: 424
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

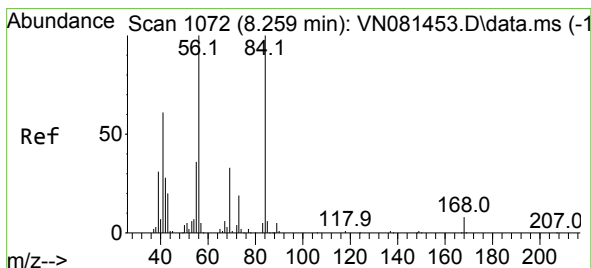
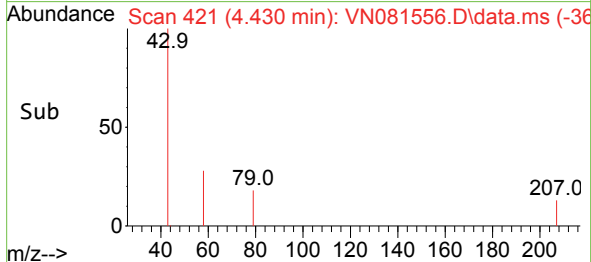
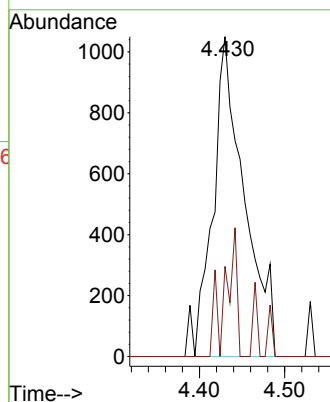
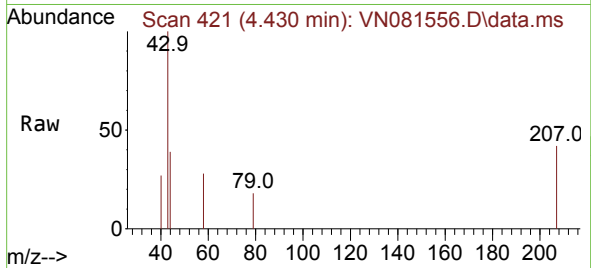




#16
Acetone
Concen: 1.465 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

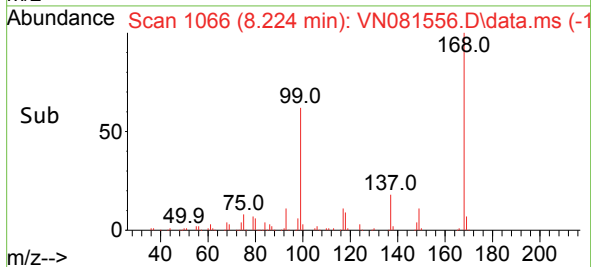
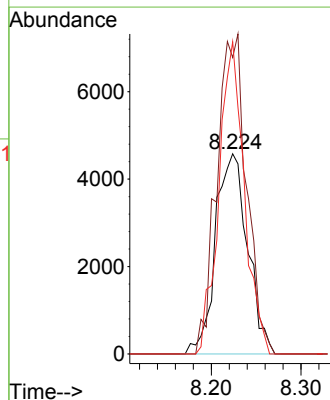
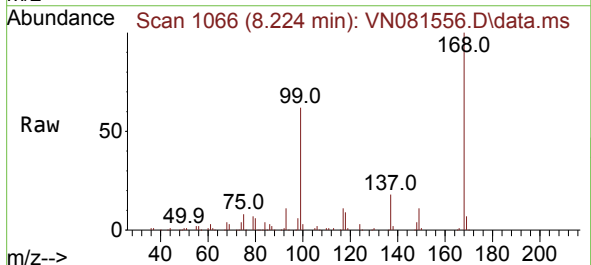
Instrument :
MSVOA_N
ClientSampleId :
TB-20240321

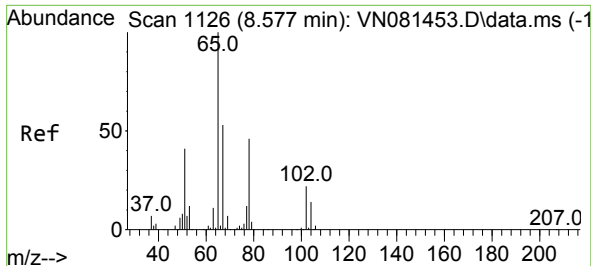
Tgt Ion: 43 Resp: 2715
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

Tgt Ion: 56 Resp: 11346
Ion Ratio Lower Upper
56 100
69 148.1 20.1 30.1#
84 155.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.734 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081556.D

Acq: 25 Mar 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

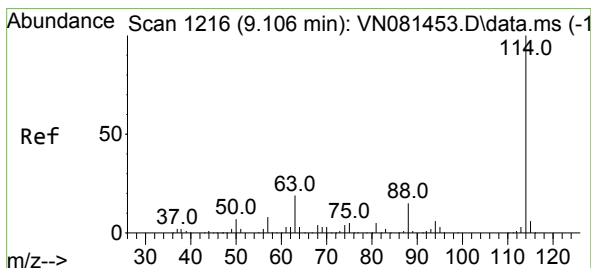
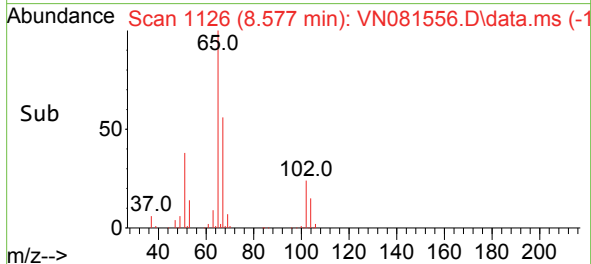
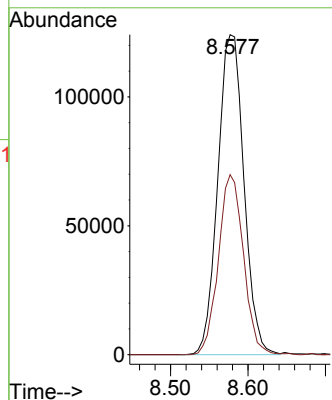
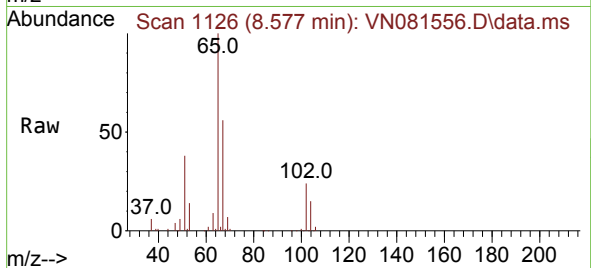
TB-20240321

Tgt Ion: 65 Resp: 290843

Ion Ratio Lower Upper

65 100

67 54.1 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: VN081556.D

Acq: 25 Mar 2024 12:56

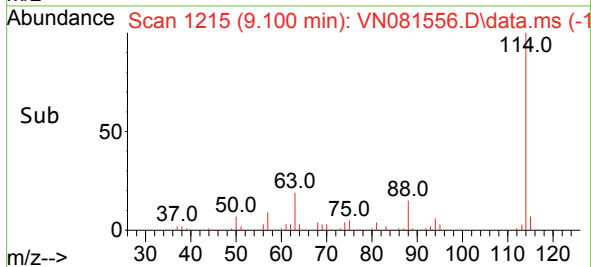
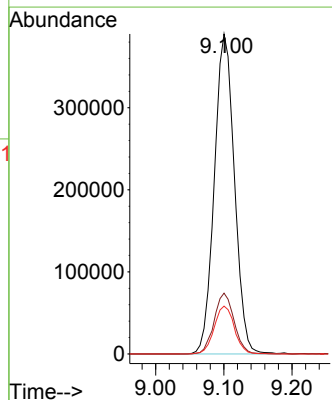
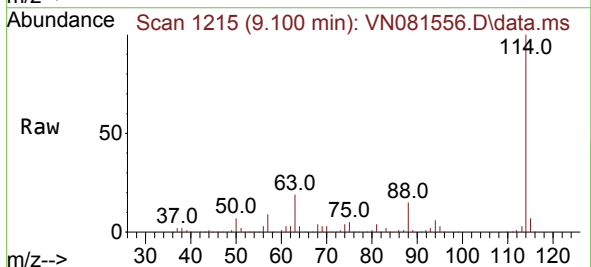
Tgt Ion: 114 Resp: 801170

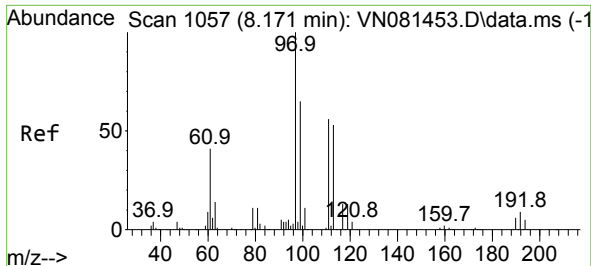
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.0 0.0 34.8

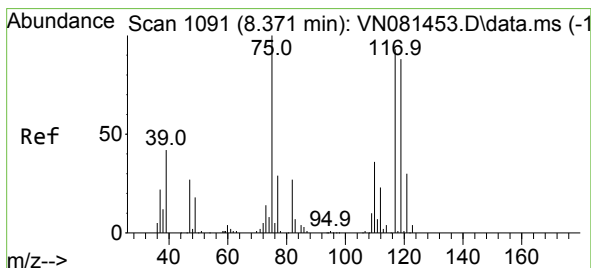
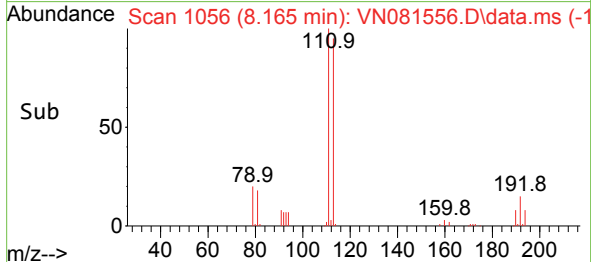
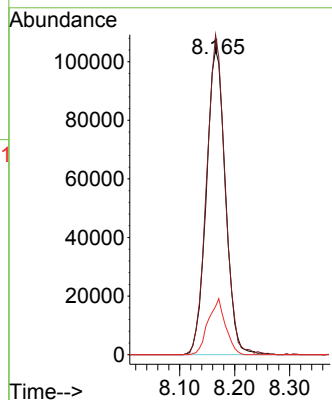
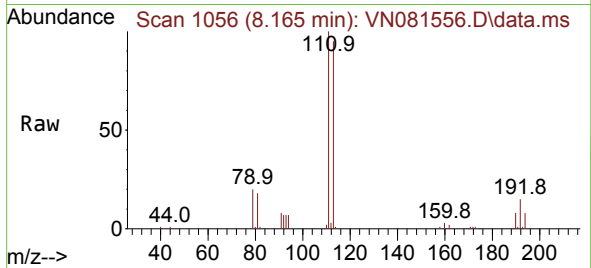




#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

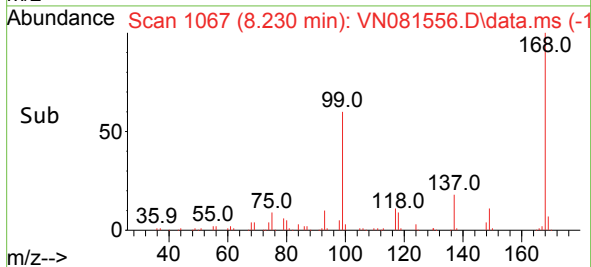
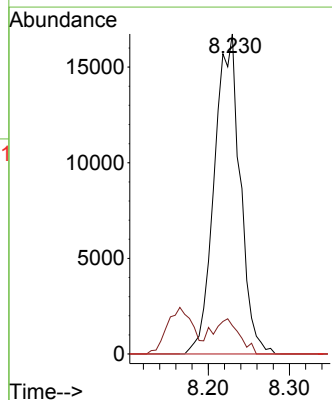
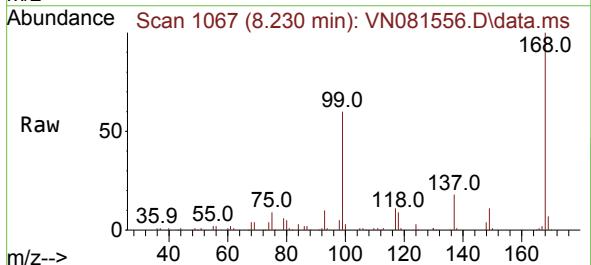
Instrument :
MSVOA_N
ClientSampleId :
TB-20240321

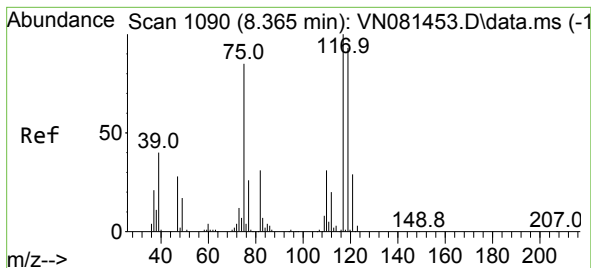
Tgt Ion:113 Resp: 251473
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 16.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

Tgt Ion: 75 Resp: 36918
Ion Ratio Lower Upper
75 100
110 11.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.332 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081556.D

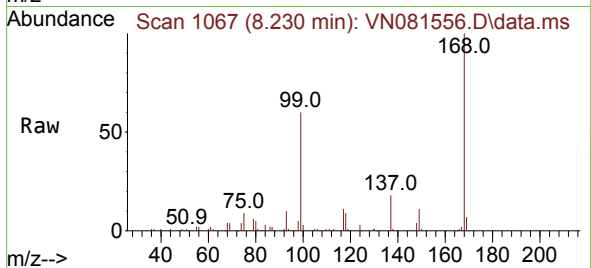
Acq: 25 Mar 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

TB-20240321



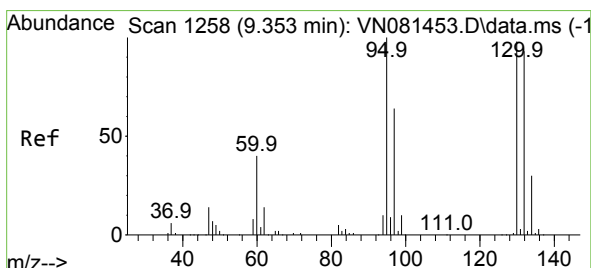
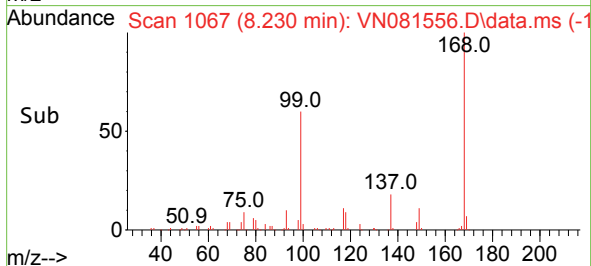
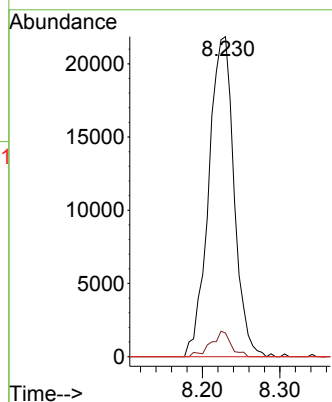
Tgt Ion:117 Resp: 49703

Ion Ratio Lower Upper

117 100

119 7.4 73.4 110.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 1.203 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN081556.D

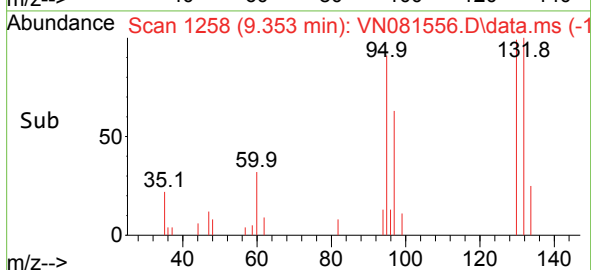
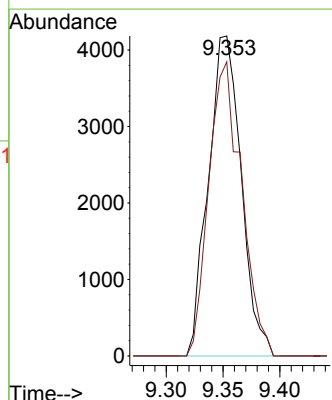
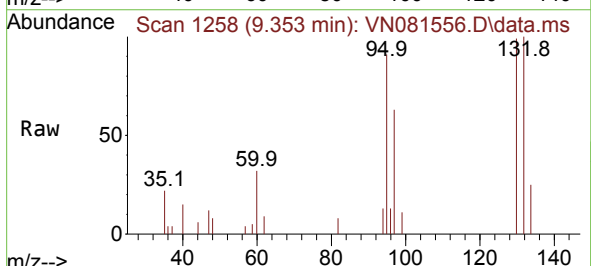
Acq: 25 Mar 2024 12:56

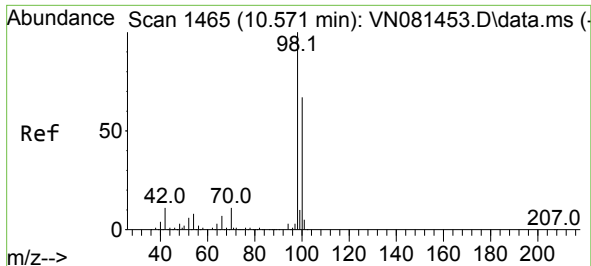
Tgt Ion:130 Resp: 8418

Ion Ratio Lower Upper

130 100

95 91.9 0.0 210.4

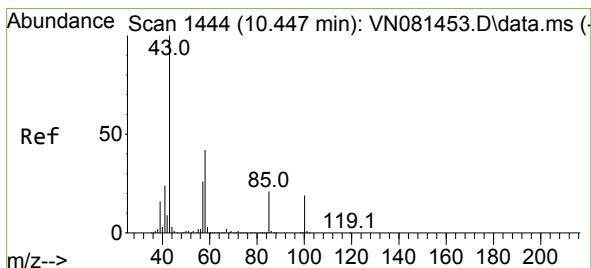
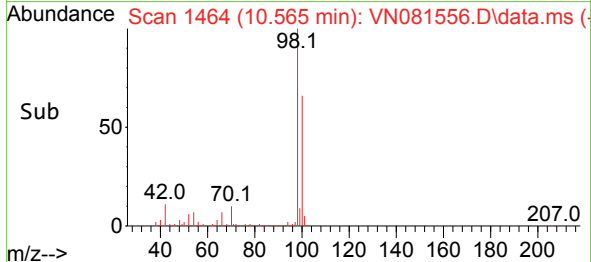
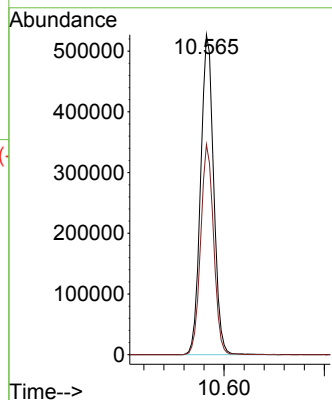
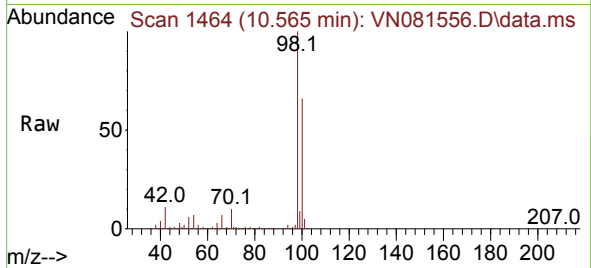




#50
Toluene-d8
Concen: 51.985 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

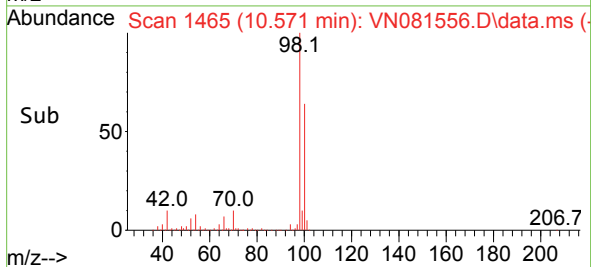
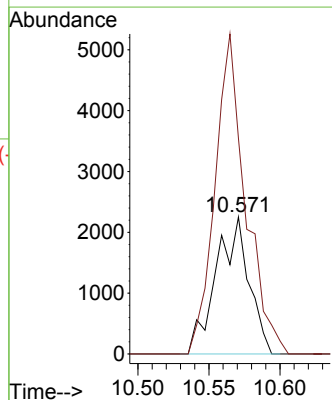
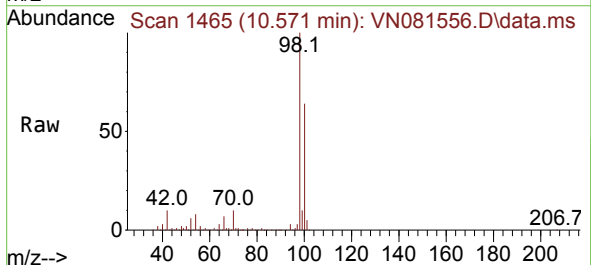
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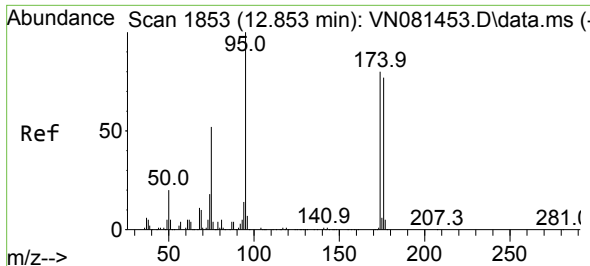
Tgt Ion: 98 Resp: 950166
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

Tgt Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
58 217.7 29.4 44.0#

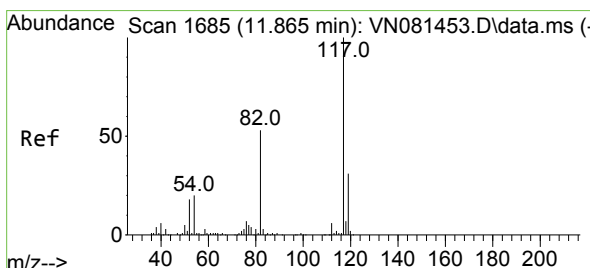
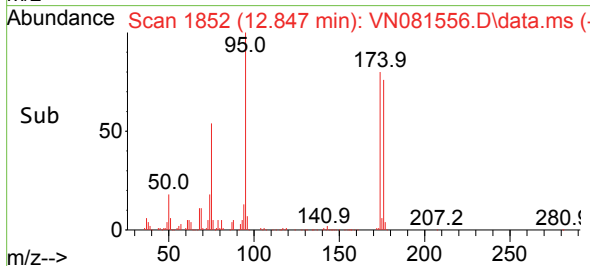
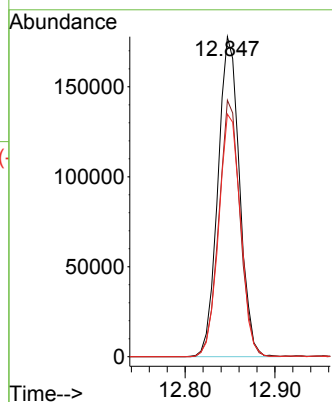
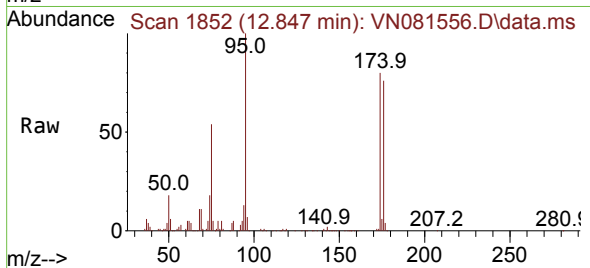




#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

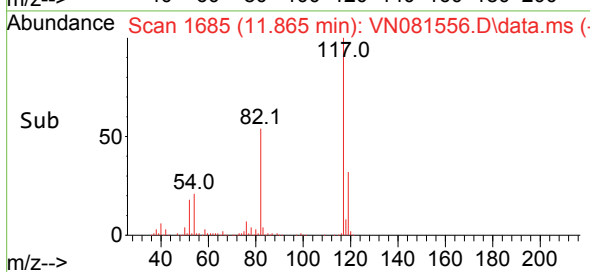
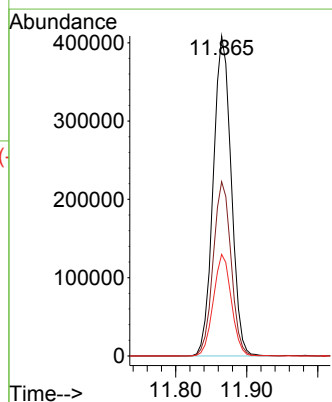
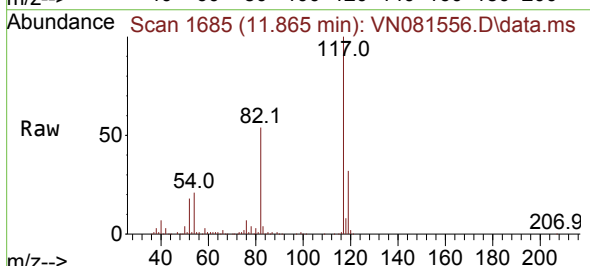
Instrument :
MSVOA_N
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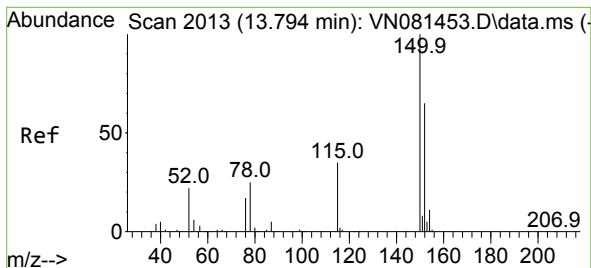
Tgt Ion: 95 Resp: 297131
Ion Ratio Lower Upper
95 100
174 78.7 0.0 120.4
176 76.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081556.D
Acq: 25 Mar 2024 12:56

Tgt Ion: 117 Resp: 716571
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 31.7 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: VN081556.D

Acq: 25 Mar 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

TB-20240321

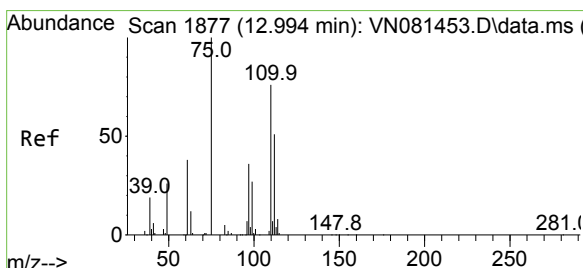
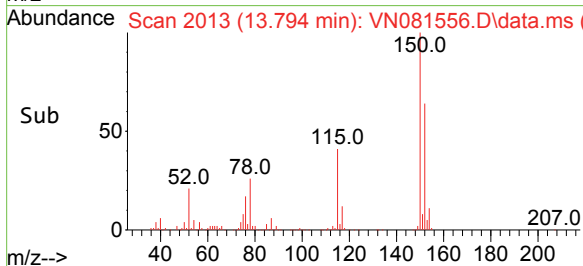
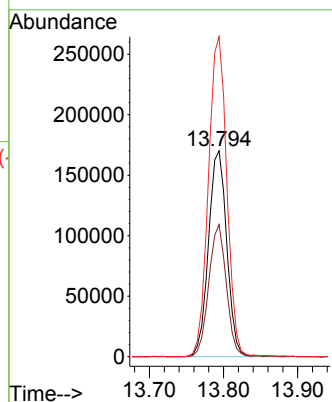
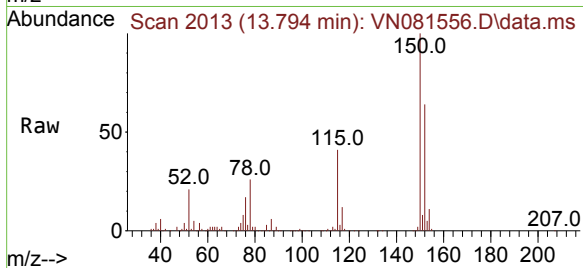
Tgt Ion:152 Resp: 292221

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 156.4 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.557 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081556.D

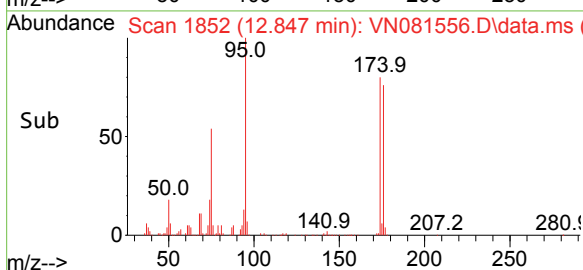
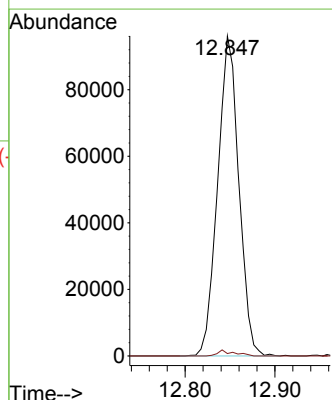
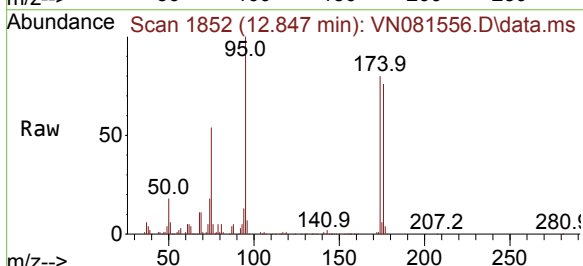
Acq: 25 Mar 2024 12:56

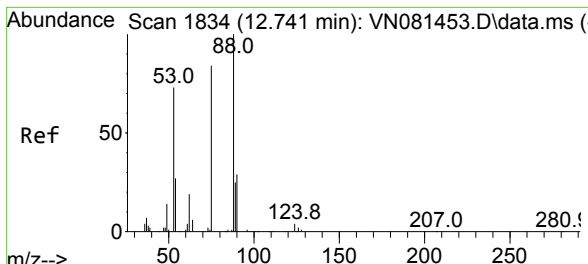
Tgt Ion: 75 Resp: 157675

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.956 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081556.D
 Acq: 25 Mar 2024 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

Tgt Ion: 75 Resp: 157675
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 33.4 50.0#

