

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081668.D
 Acq On : 08 Apr 2024 11:20
 Operator : JC\MD
 Sample : VN0408WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

Quant Time: Apr 09 01:52:57 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)

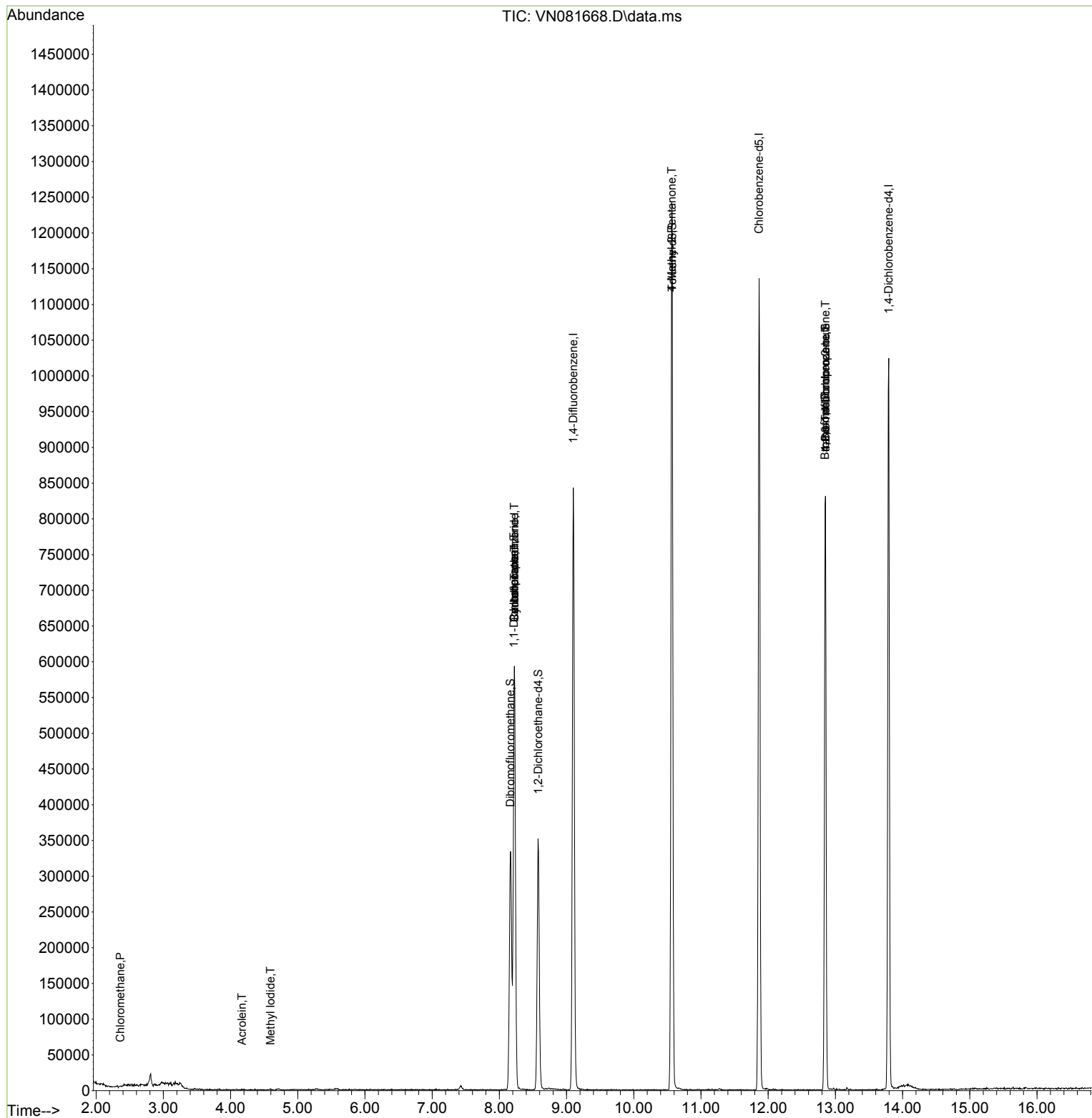
Internal Standards						
1) Pentafluorobenzene	8.224	168	431772	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	766250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	681525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	276661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	277353	50.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 100.740%		
35) Dibromofluoromethane	8.165	113	239665	49.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 99.120%		
50) Toluene-d8	10.571	98	900323	51.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.000%		
62) 4-Bromofluorobenzene	12.853	95	288485	46.835	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 93.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1227	0.212	ug/l #	43
10) Methyl Iodide	4.595	142	1371	0.250	ug/l #	39
13) Acrolein	4.171	56	284	0.330	ug/l	86
31) Cyclohexane	8.224	56	8743	0.976	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	36025	4.427	ug/l #	52
38) Carbon Tetrachloride	8.224	117	46660	5.234	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	3406	0.483	ug/l #	1
71) Bromoform	12.847	173	2570	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	149172	22.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	149172	60.913	ug/l #	14

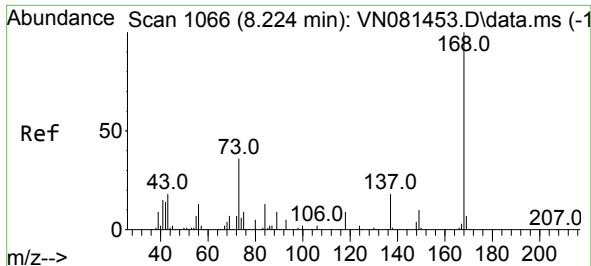
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
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Quant Time: Apr 09 01:52:57 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

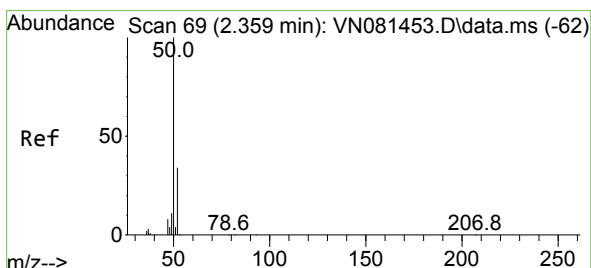
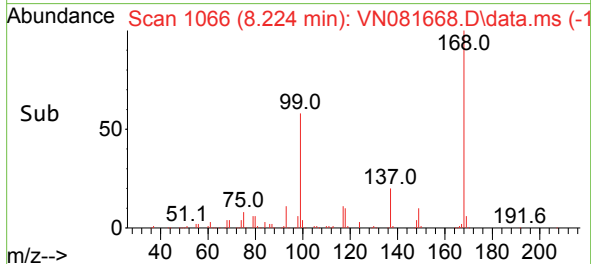
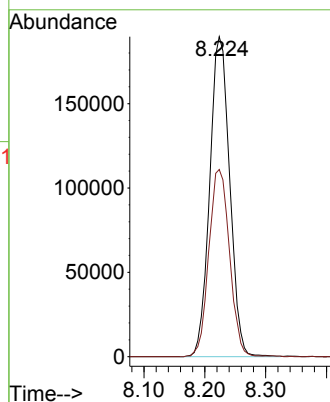
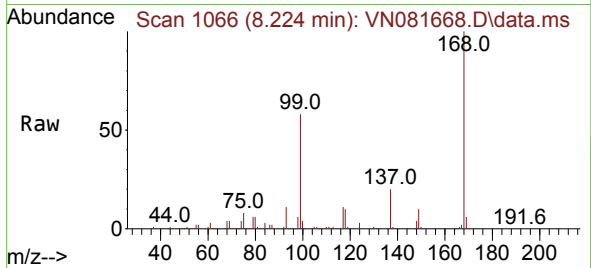




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

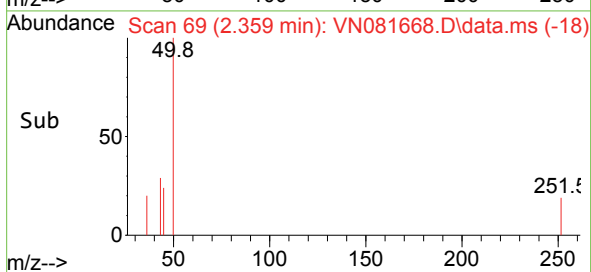
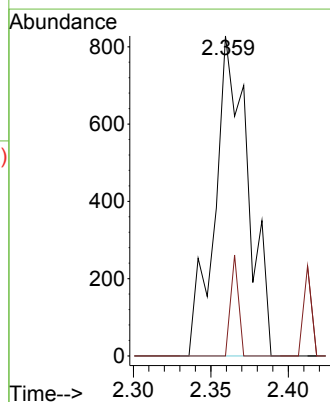
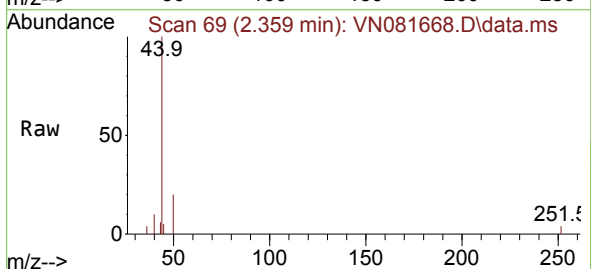
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

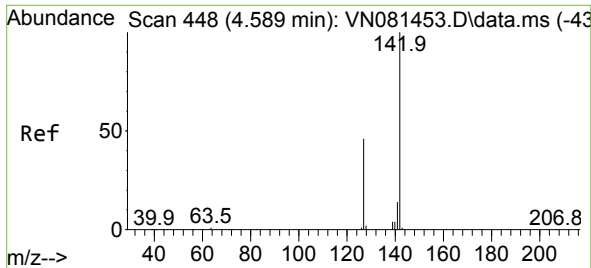
Tgt Ion:168 Resp: 431772
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9#



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion: 50 Resp: 1227
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#10

Methyl Iodide

Concen: 0.250 ug/l

RT: 4.595 min Scan# 448

Delta R.T. 0.006 min

Lab File: VN081668.D

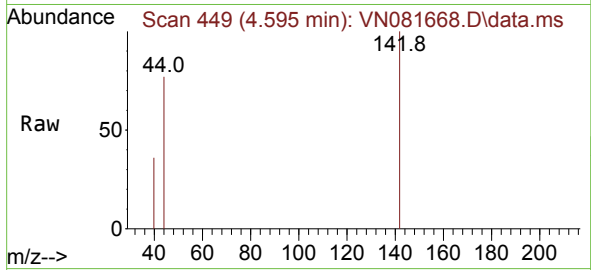
Acq: 08 Apr 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01



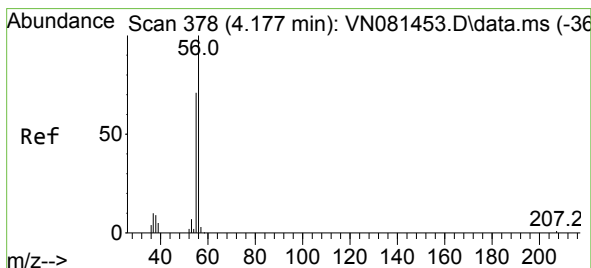
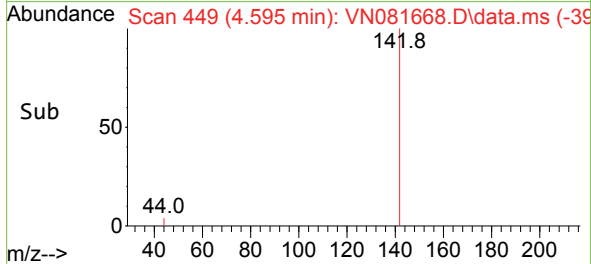
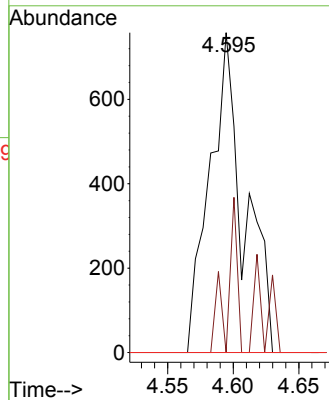
Tgt Ion:142 Resp: 1371

Ion Ratio Lower Upper

142 100

127 0.0 37.0 55.4#

141 0.0 12.5 18.7#



#13

Acrolein

Concen: 0.330 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN081668.D

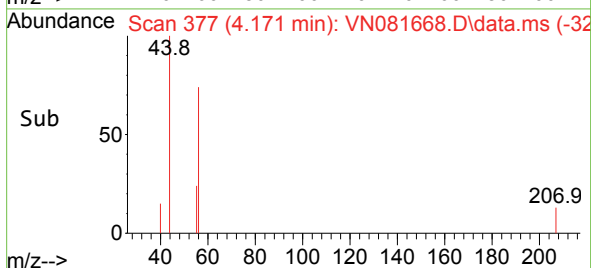
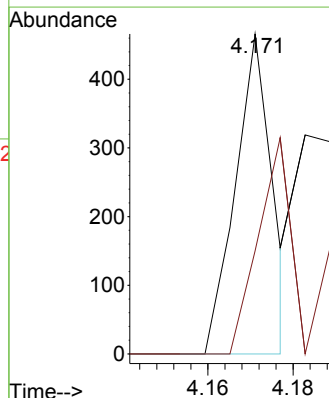
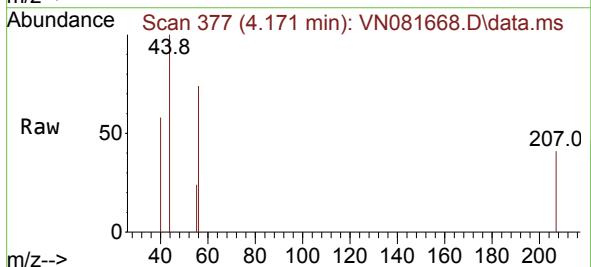
Acq: 08 Apr 2024 11:20

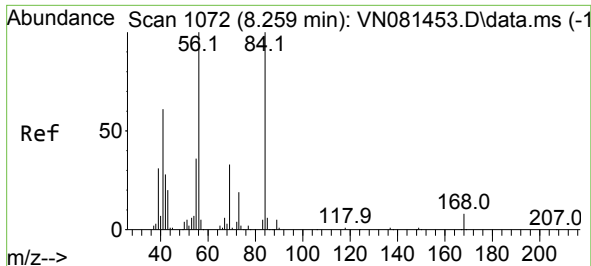
Tgt Ion: 56 Resp: 284

Ion Ratio Lower Upper

56 100

55 57.7 55.3 82.9

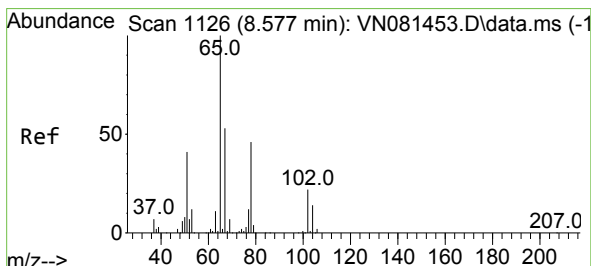
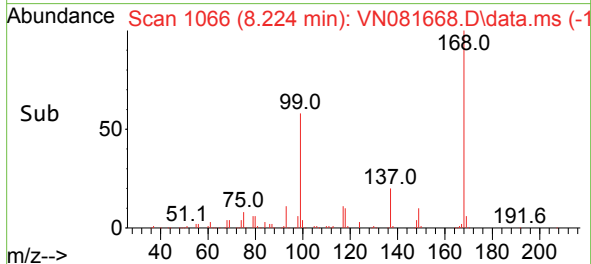
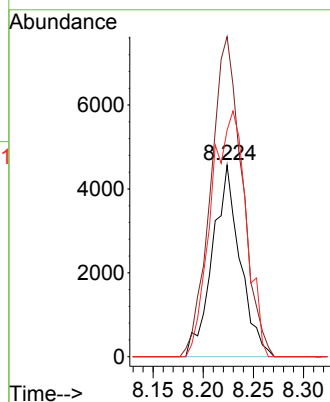
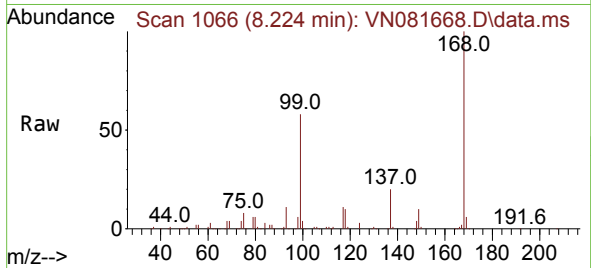




#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

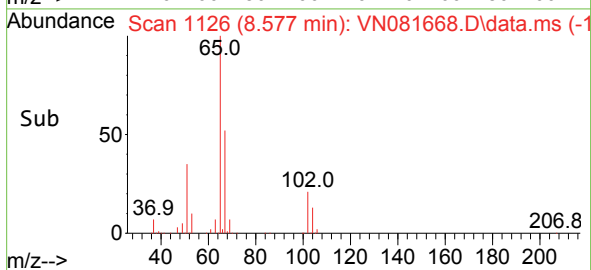
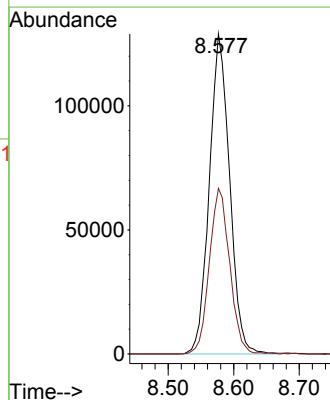
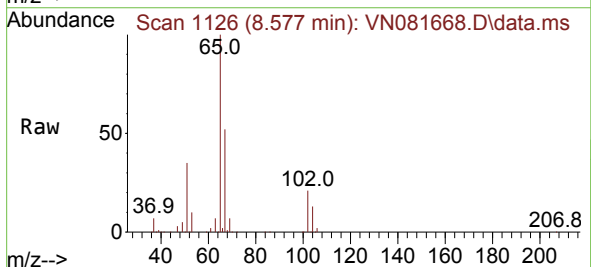
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

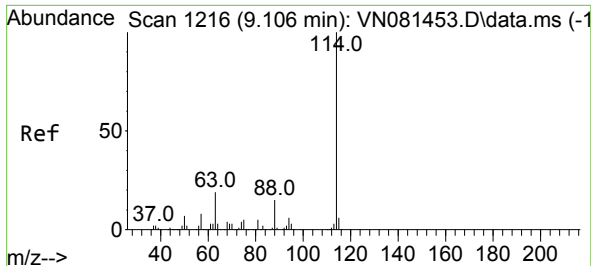
Tgt Ion: 56 Resp: 8743
Ion Ratio Lower Upper
56 100
69 167.1 20.1 30.1#
84 118.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 50.371 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion: 65 Resp: 277353
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

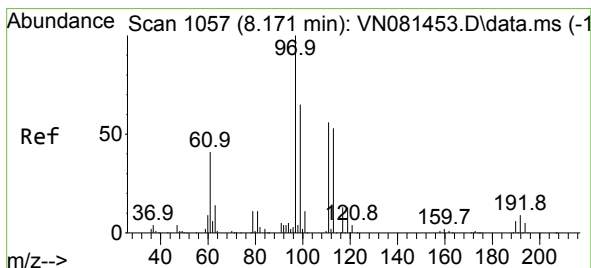
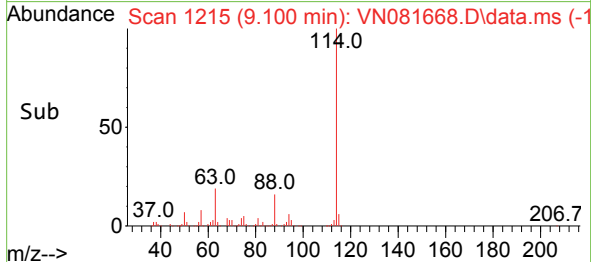
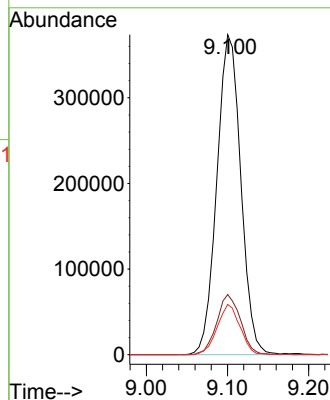
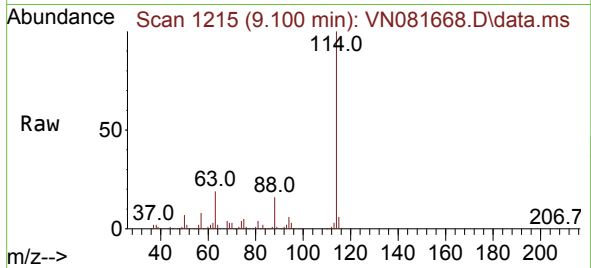




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

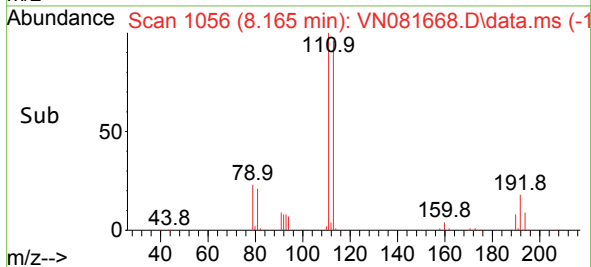
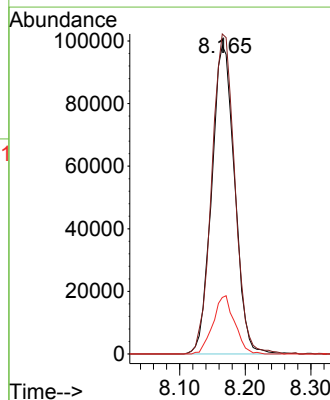
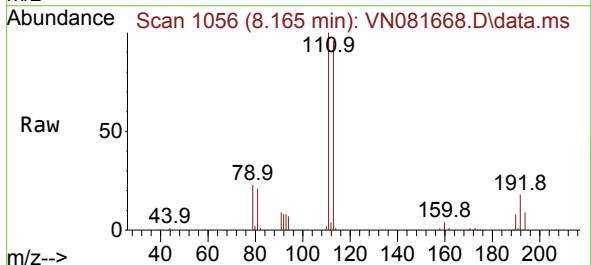
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

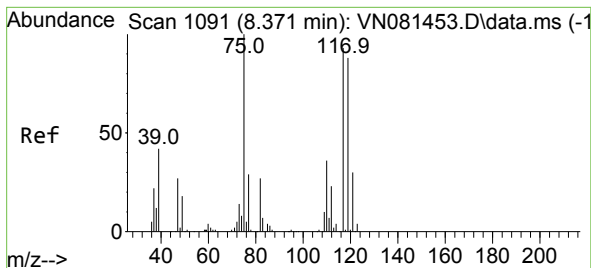
Tgt Ion:114 Resp: 766250
Ion Ratio Lower Upper
114 100
63 18.8 0.0 48.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.560 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion:113 Resp: 239665
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.8 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.427 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01

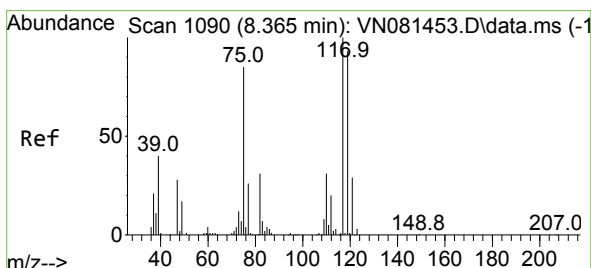
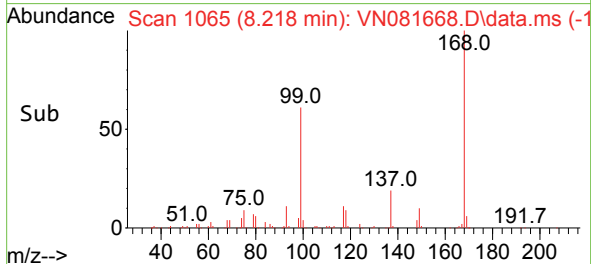
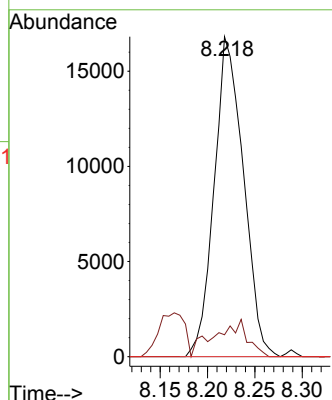
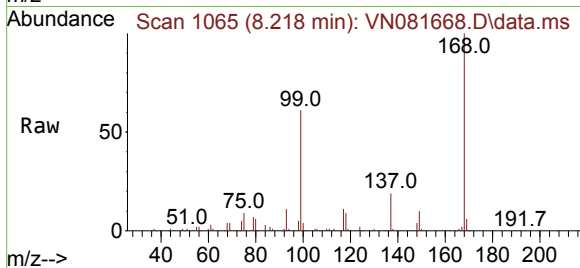
Tgt Ion: 75 Resp: 36025

Ion Ratio Lower Upper

75 100

110 10.2 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

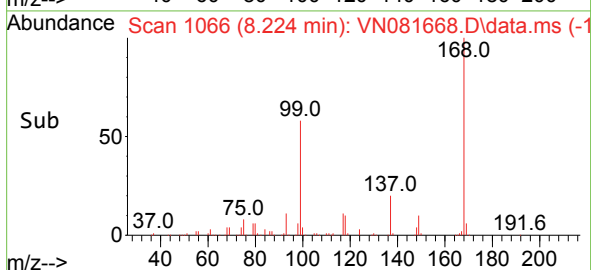
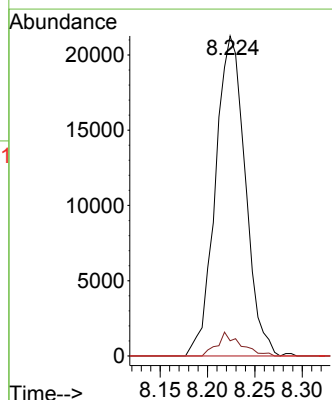
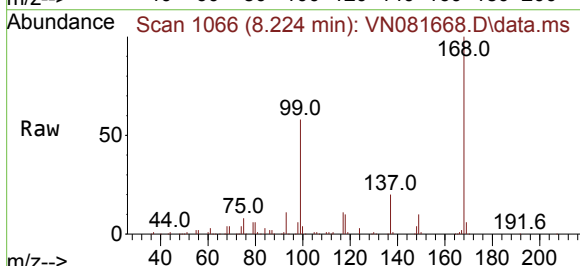
Tgt Ion: 117 Resp: 46660

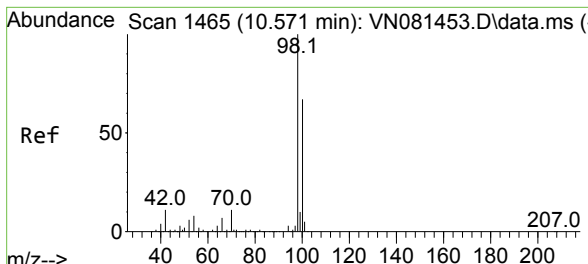
Ion Ratio Lower Upper

117 100

119 4.7 73.4 110.2#

121 0.0 24.4 36.6#

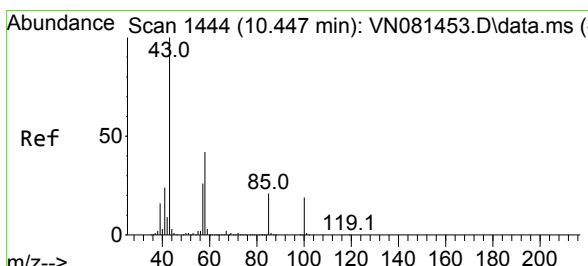
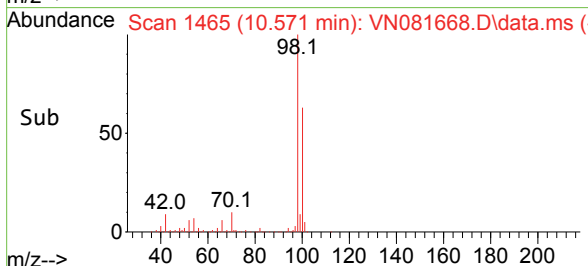
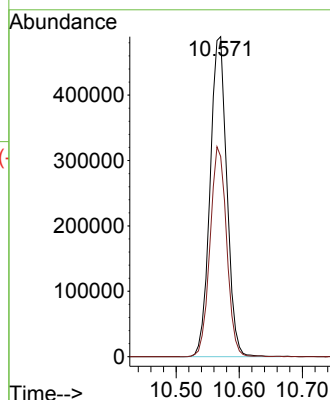
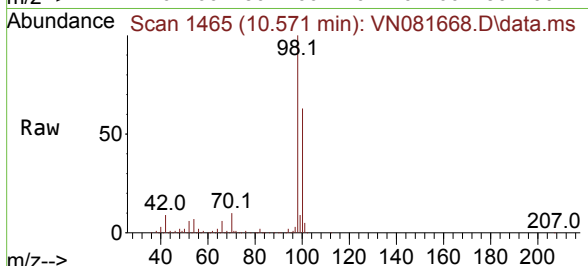




#50
Toluene-d8
Concen: 51.503 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

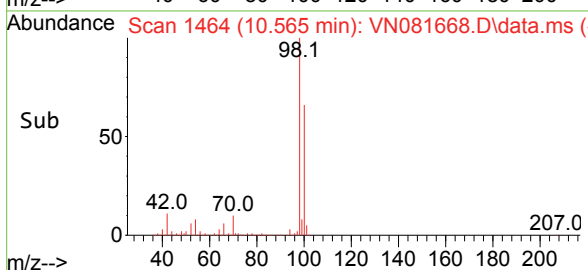
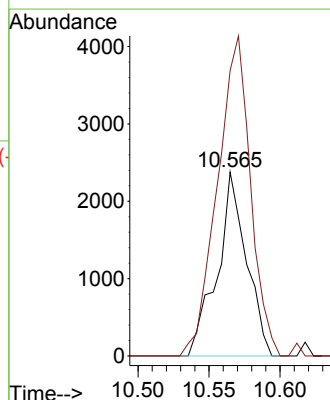
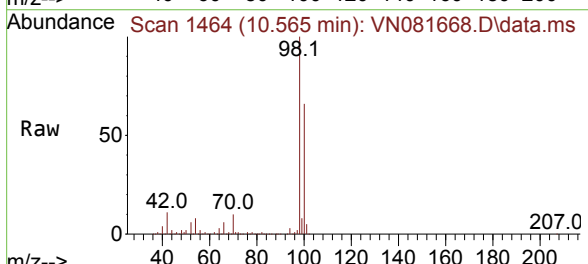
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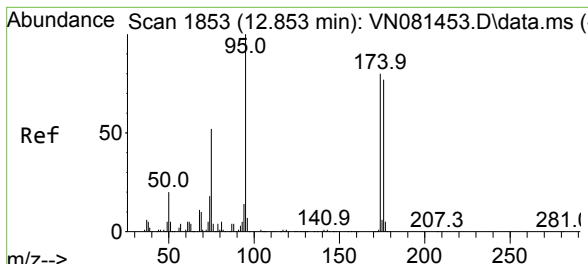
Tgt Ion: 98 Resp: 900323
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion: 43 Resp: 3406
Ion Ratio Lower Upper
43 100
58 197.1 29.4 44.0#

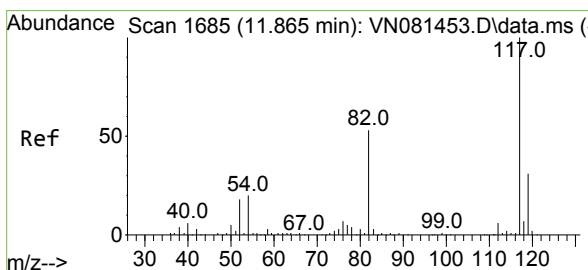
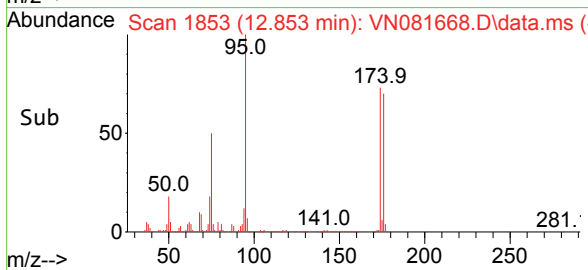
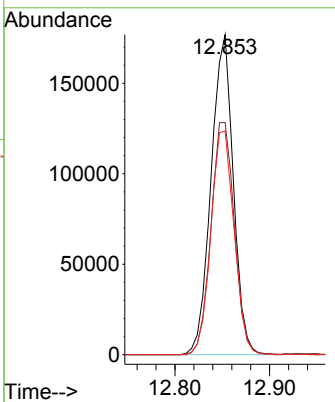
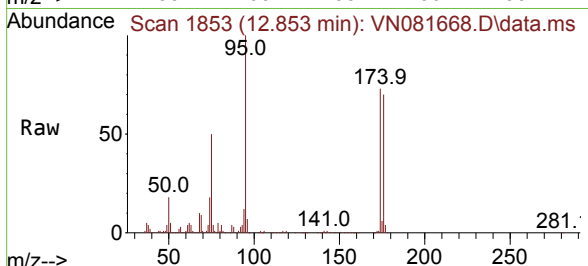




#62
 4-Bromofluorobenzene
 Concen: 46.835 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081668.D
 Acq: 08 Apr 2024 11:20

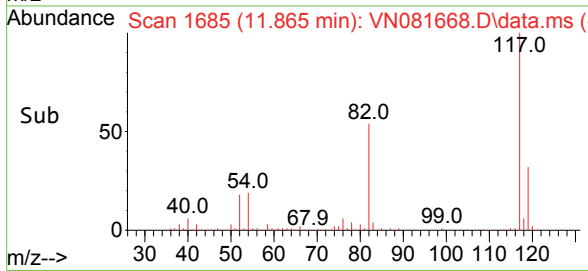
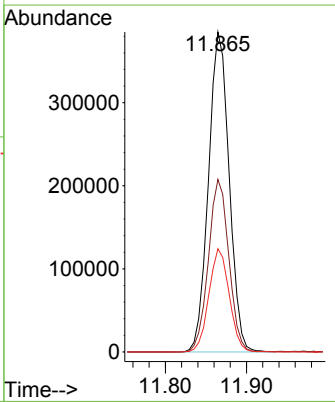
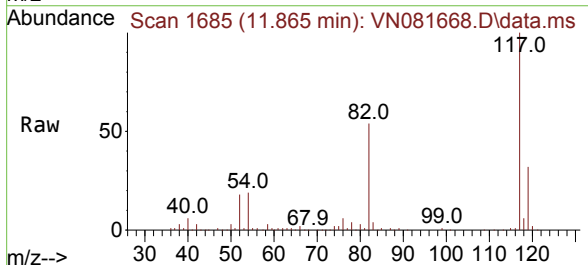
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

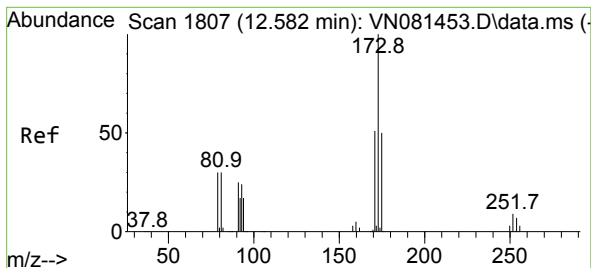
Tgt Ion:	95	Resp:	288485
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	120.4
176	73.0	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081668.D
 Acq: 08 Apr 2024 11:20

Tgt Ion:	117	Resp:	681525
Ion	Ratio	Lower	Upper
117	100		
82	53.9	52.7	79.1
119	32.2	25.3	37.9





#71

Bromoform

Concen: 0.573 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01

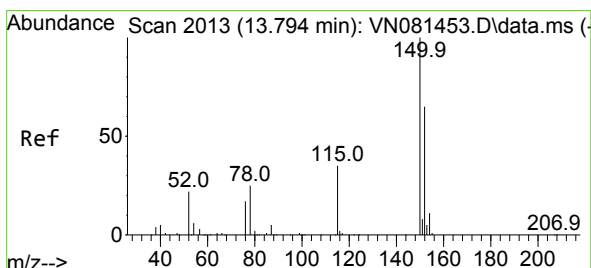
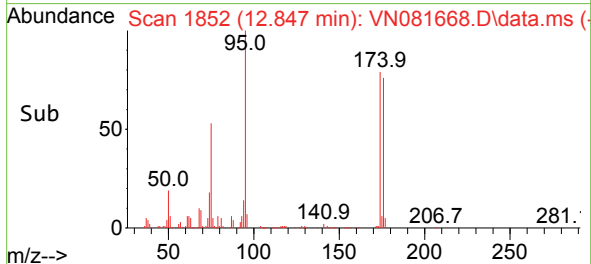
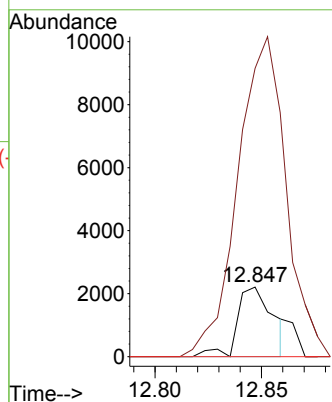
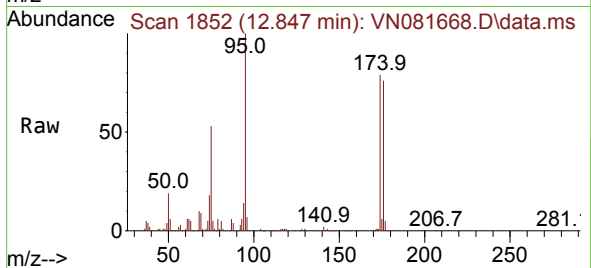
Tgt Ion:173 Resp: 2570

Ion Ratio Lower Upper

173 100

175 550.2 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: VN081668.D

Acq: 08 Apr 2024 11:20

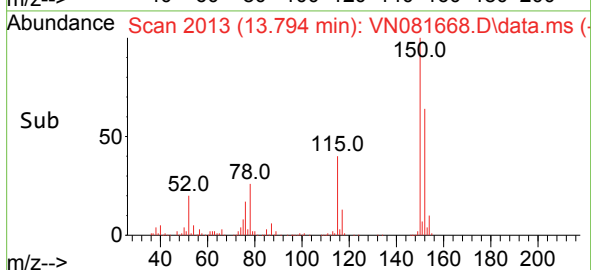
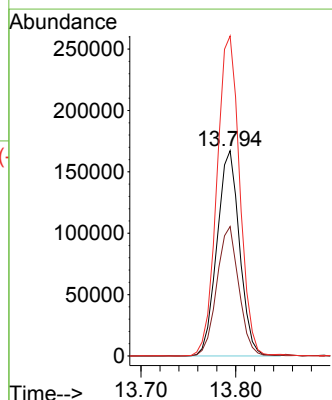
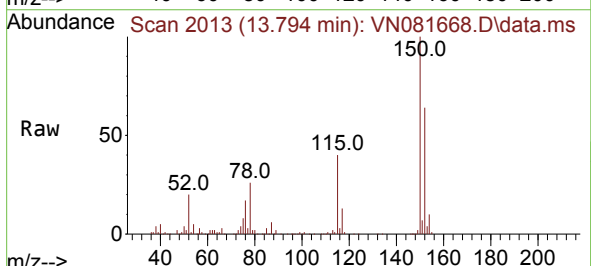
Tgt Ion:152 Resp: 276661

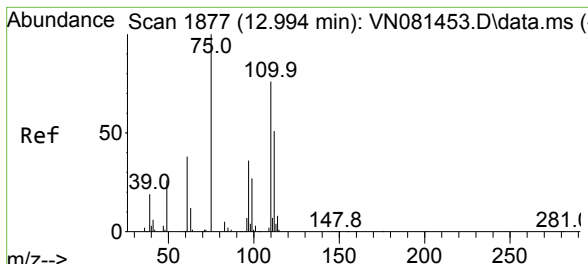
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 158.2 0.0 339.8

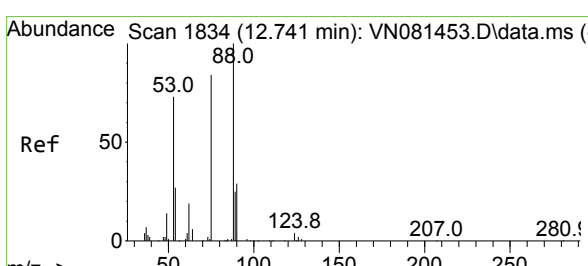
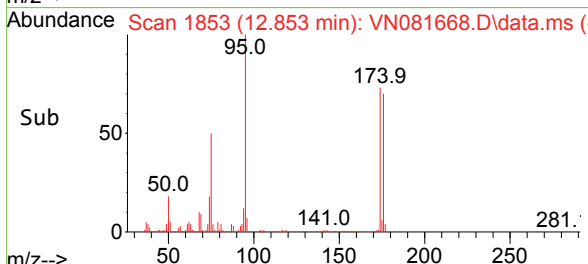
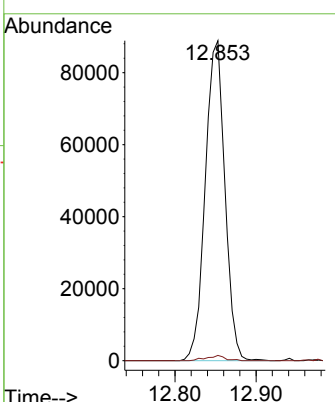
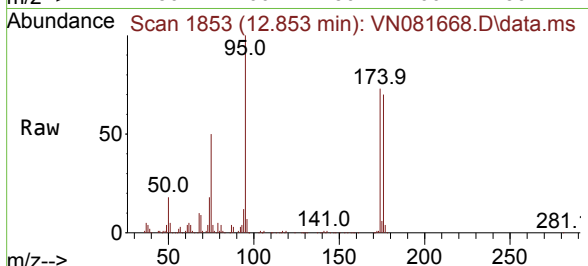




#76
 1,2,3-Trichloropropane
 Concen: 22.541 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081668.D
 Acq: 08 Apr 2024 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

Tgt Ion: 75 Resp: 149172
 Ion Ratio Lower Upper
 75 100
 77 1.5 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.913 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081668.D
 Acq: 08 Apr 2024 11:20

Tgt Ion: 75 Resp: 149172
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

