

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081190.D
 Acq On : 26 Feb 2024 13:16
 Operator : JC\MD
 Sample : P1533-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB04-20240217

Quant Time: Feb 27 00:06:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

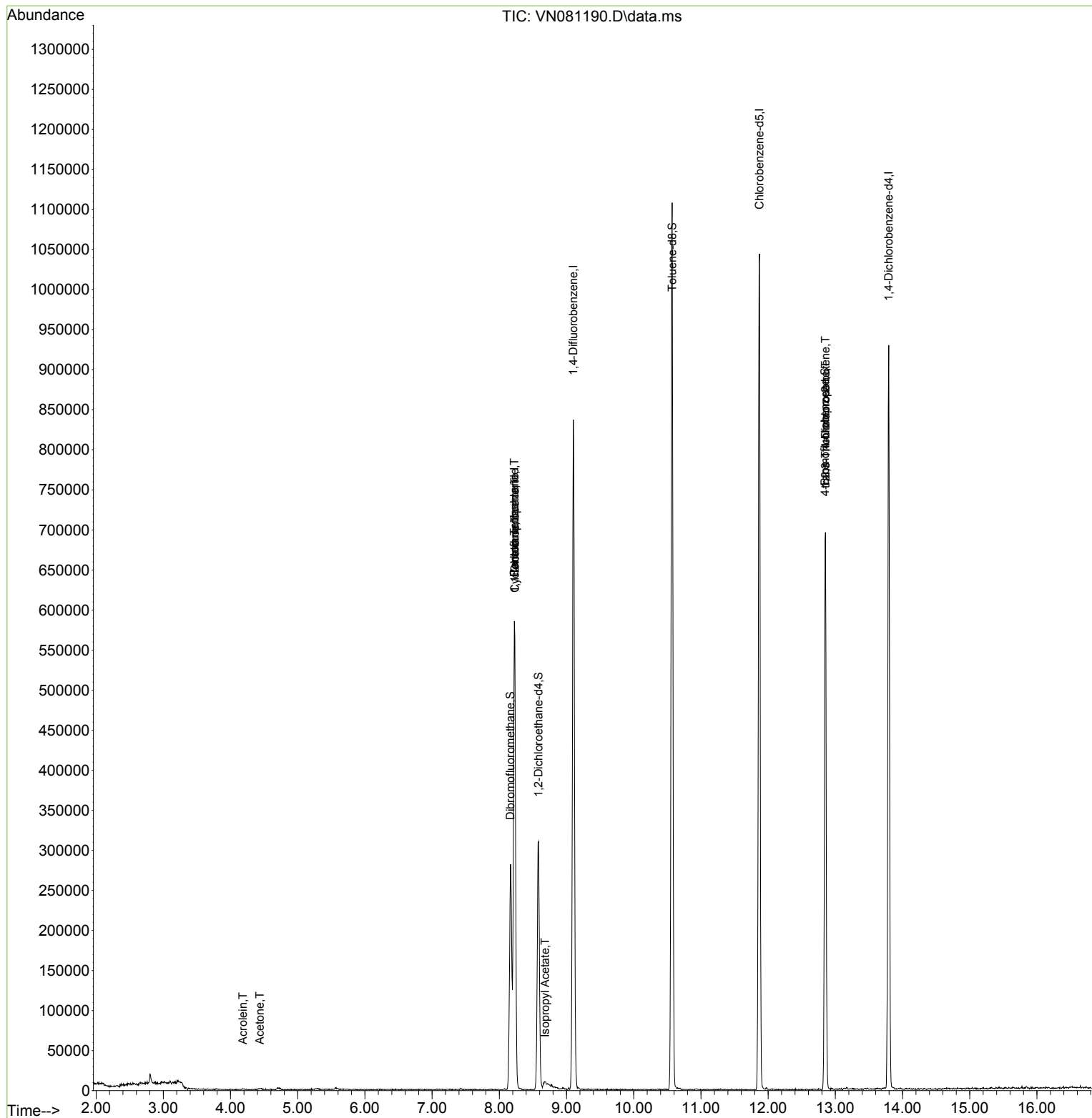
Internal Standards						
1) Pentafluorobenzene	8.224	168	408893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	722625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	619438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248899	49.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.165	113	198225	48.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.571	98	767072	52.854	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.700%		
62) 4-Bromofluorobenzene	12.847	95	246421	45.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.380%		
Target Compounds						
3) Chloromethane	2.365	50	1212	Below Cal	#	69
6) Chloroethane	3.118	64	77	Below Cal	#	42
13) Acrolein	4.183	56	929	1.881	ug/l #	80
16) Acetone	4.436	43	2298	1.165	ug/l #	44
20) Methylene Chloride	5.289	84	1232	Below Cal	#	29
31) Cyclohexane	8.230	56	10894	1.259	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	37914	5.416	ug/l #	50
38) Carbon Tetrachloride	8.224	117	47986	6.775	ug/l #	18
43) Isopropyl Acetate	8.683	43	10230	0.926	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	136473	25.064	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	136473	64.512	ug/l #	14

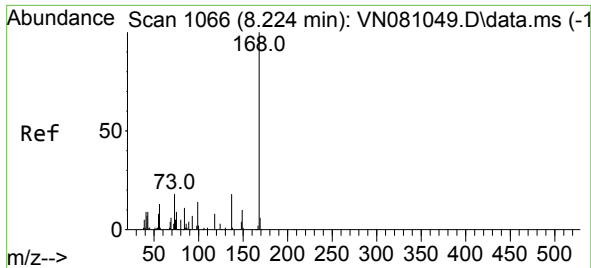
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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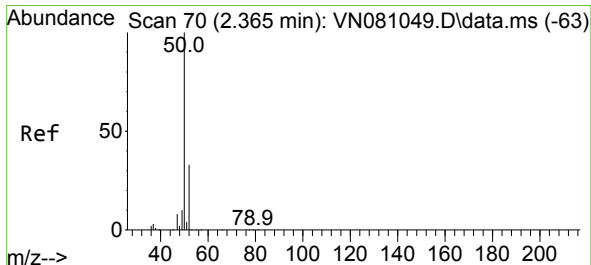
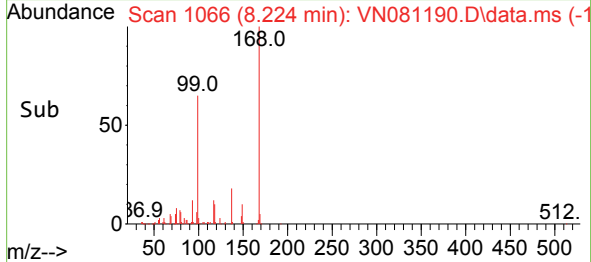
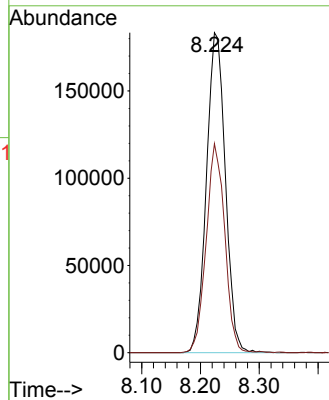
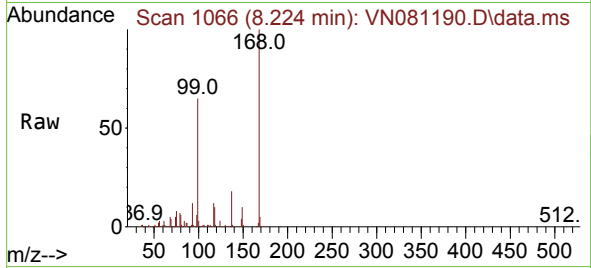




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

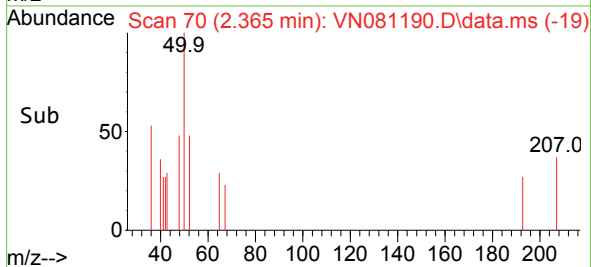
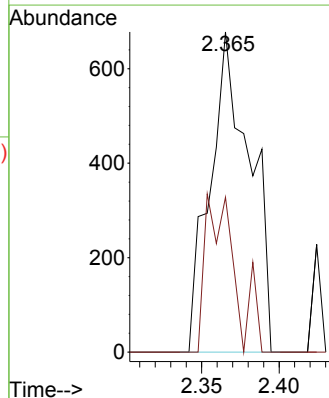
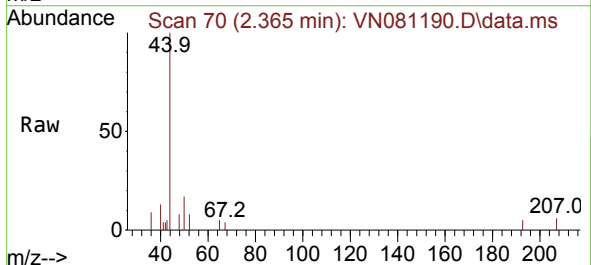
Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217

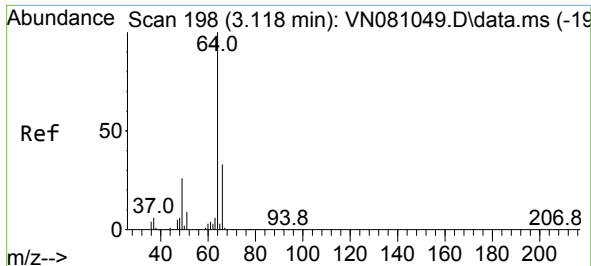
Tgt Ion:168 Resp: 408893
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion: 50 Resp: 1212
Ion Ratio Lower Upper
50 100
52 48.4 25.0 37.4#

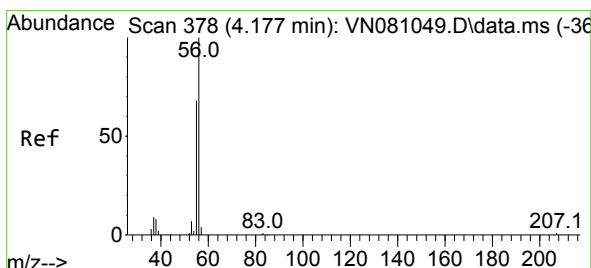
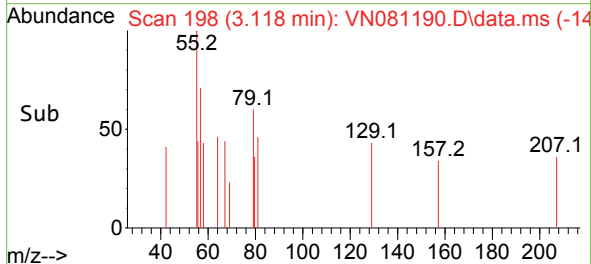
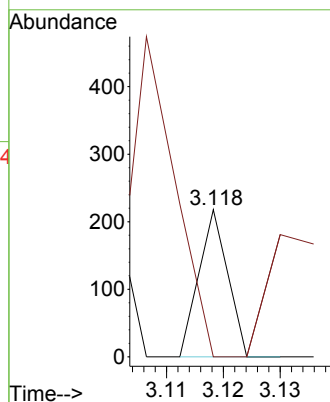
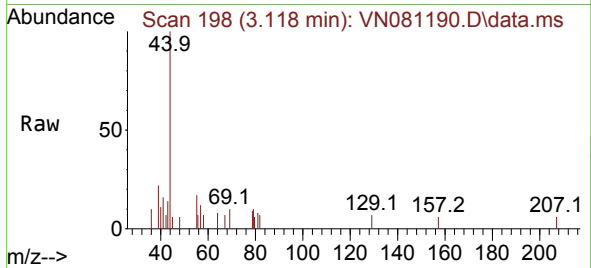




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

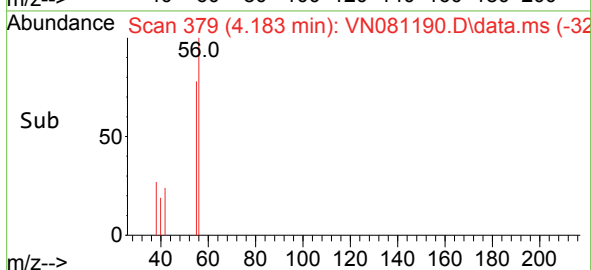
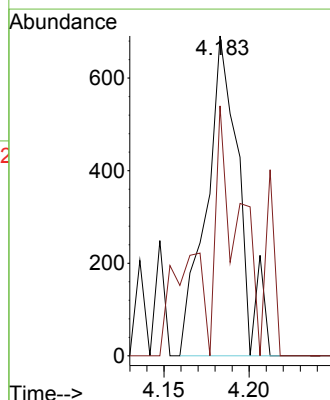
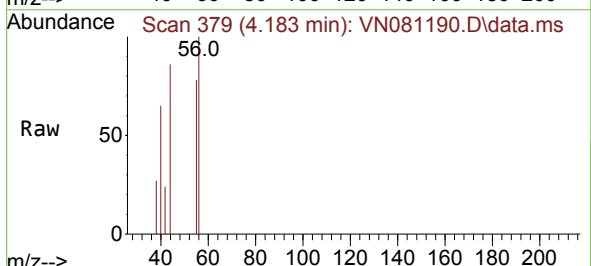
Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217

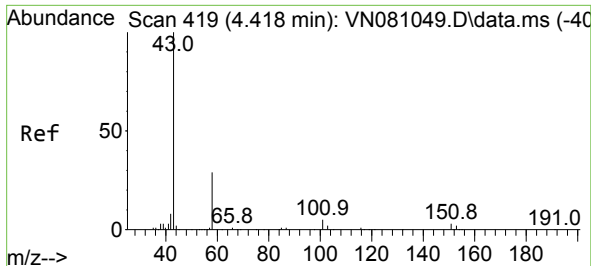
Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.881 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion: 56 Resp: 929
Ion Ratio Lower Upper
56 100
55 53.0 55.3 82.9#

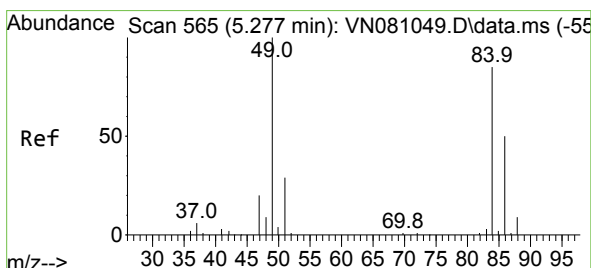
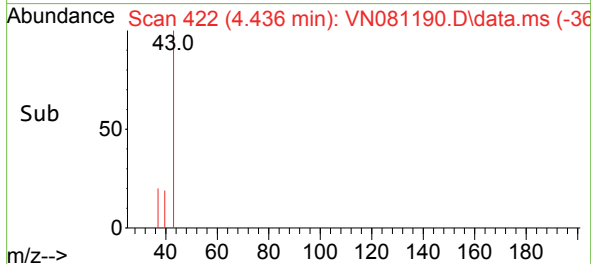
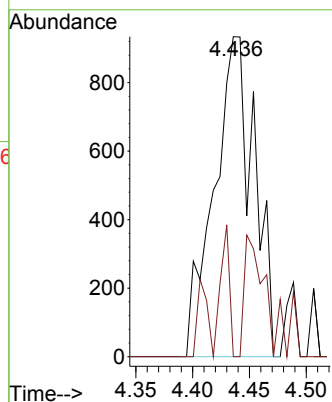
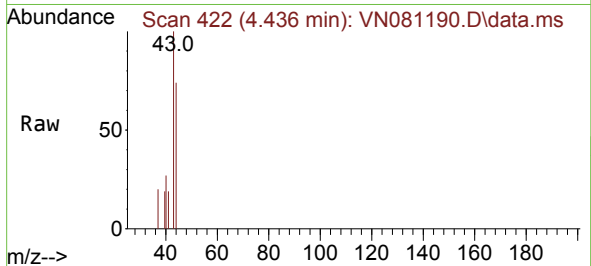




#16
Acetone
Concen: 1.165 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

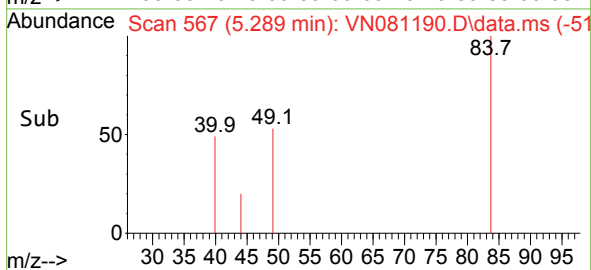
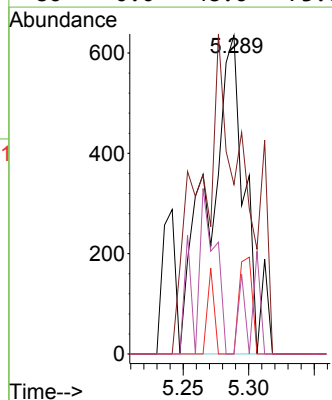
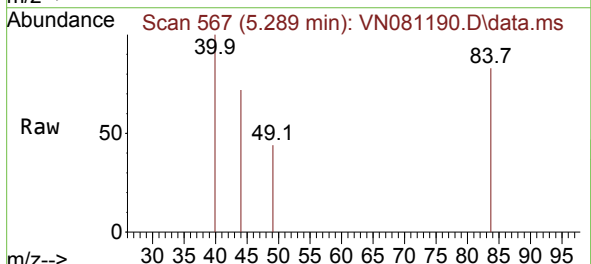
Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217

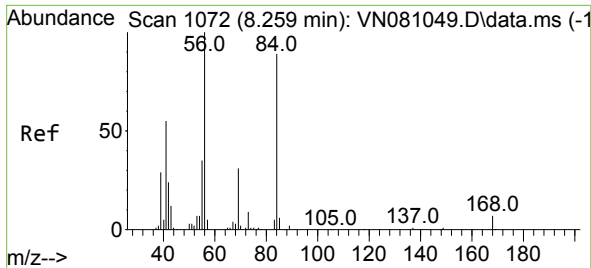
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

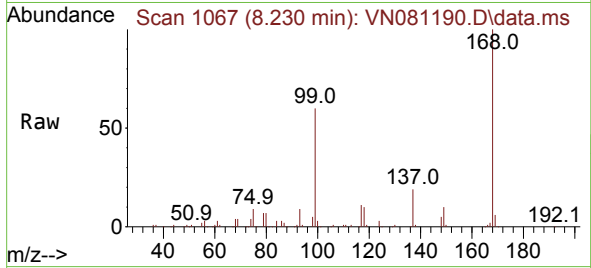
Tgt Ion: 84 Resp: 1232
Ion Ratio Lower Upper
84 100
49 53.2 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



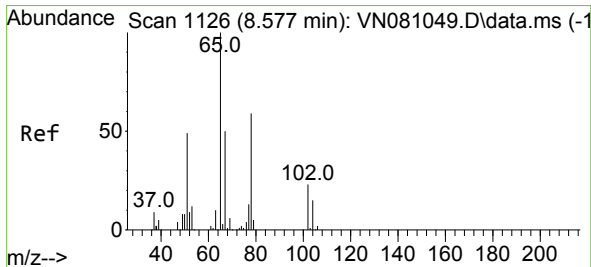
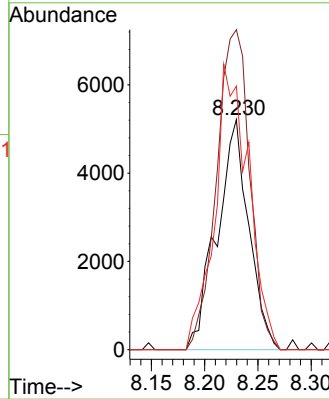
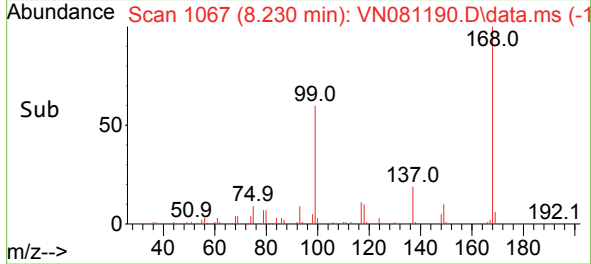


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217

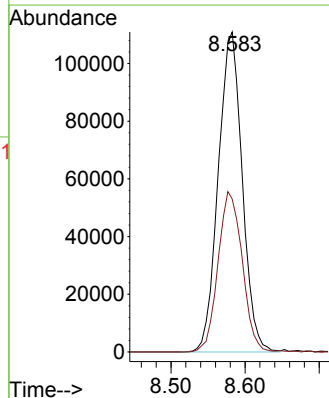
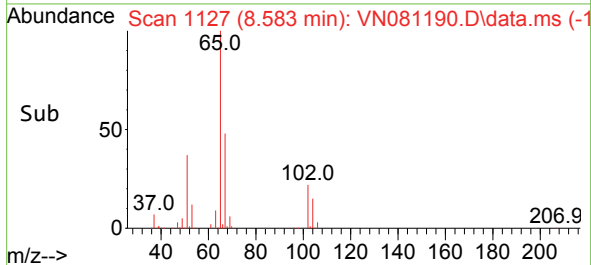
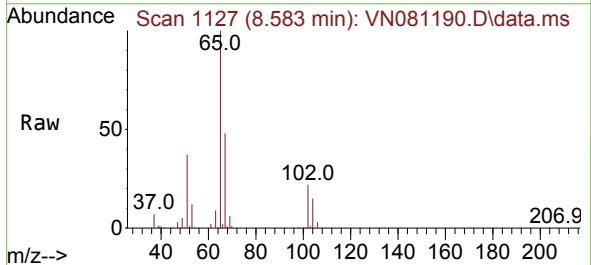


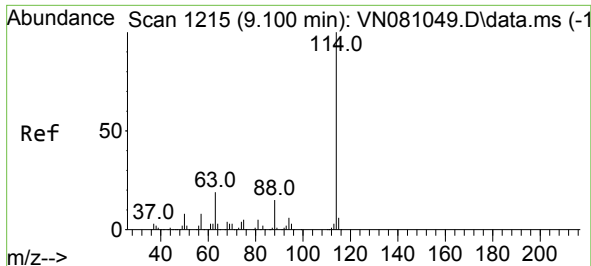
Tgt Ion: 56 Resp: 10894
Ion Ratio Lower Upper
56 100
69 139.1 20.1 30.1#
84 114.5 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.662 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion: 65 Resp: 248899
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4

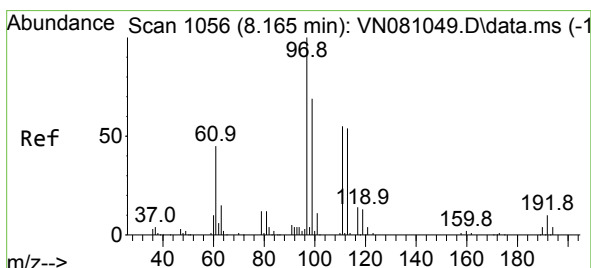
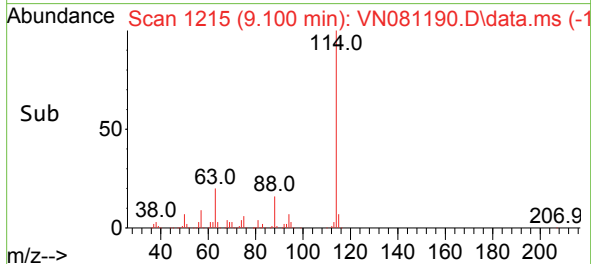
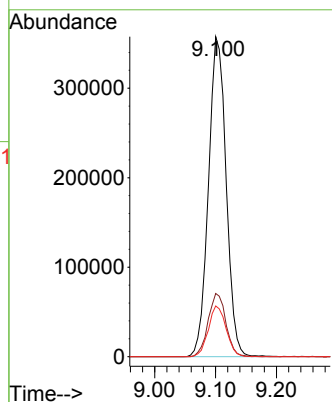
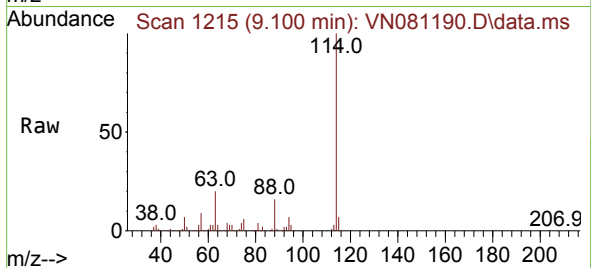




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

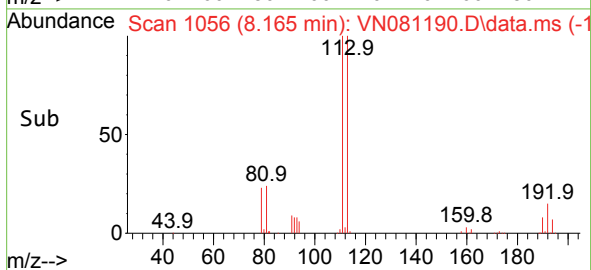
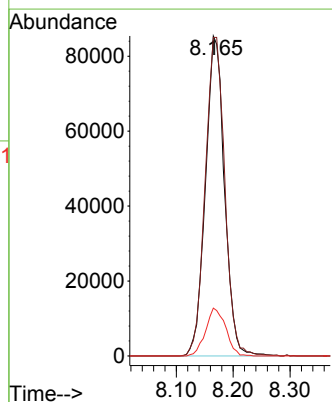
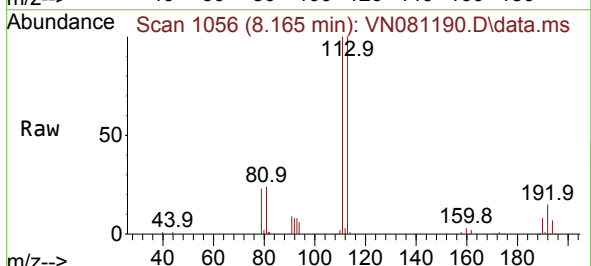
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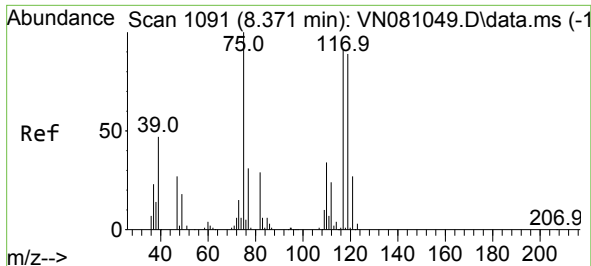
Tgt Ion:114 Resp: 722625
Ion Ratio Lower Upper
114 100
63 19.7 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion:113 Resp: 198225
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 15.8 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.416 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081190.D

Acq: 26 Feb 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

TB04-20240217

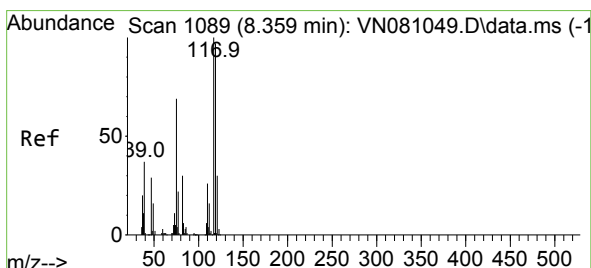
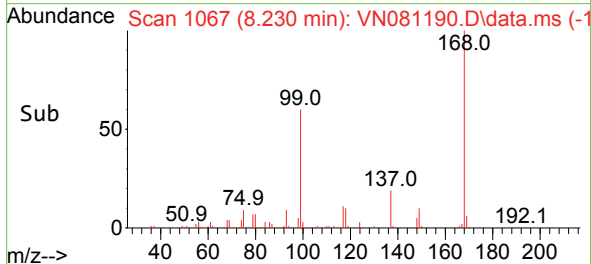
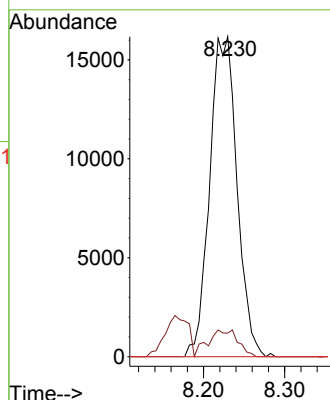
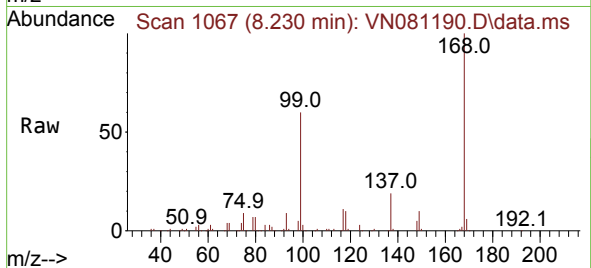
Tgt Ion: 75 Resp: 37914

Ion Ratio Lower Upper

75 100

110 8.5 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.775 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081190.D

Acq: 26 Feb 2024 13:16

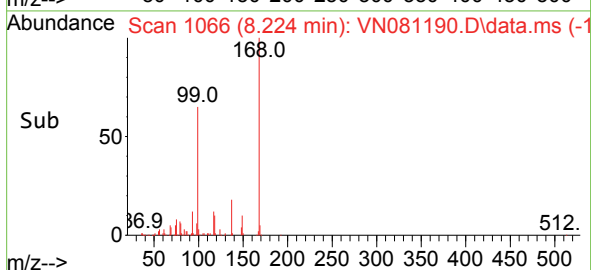
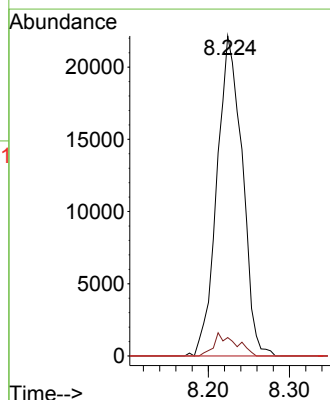
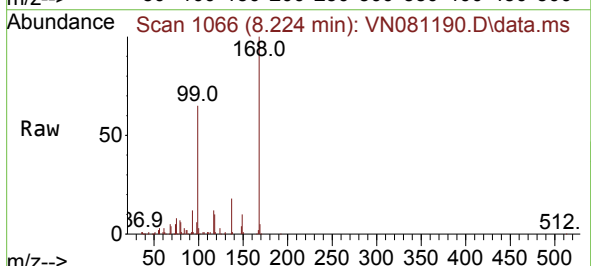
Tgt Ion: 117 Resp: 47986

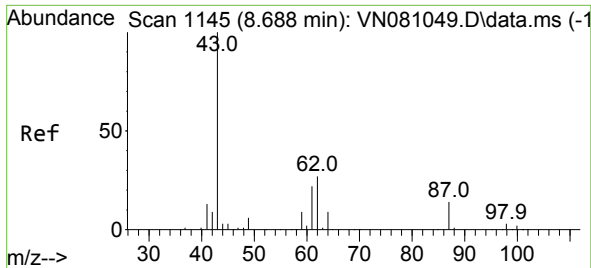
Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

121 0.0 24.4 36.6#

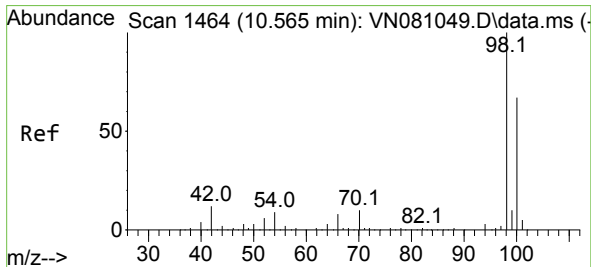
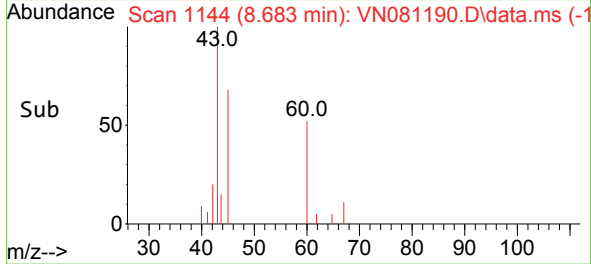
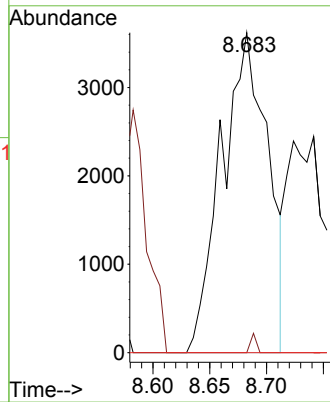
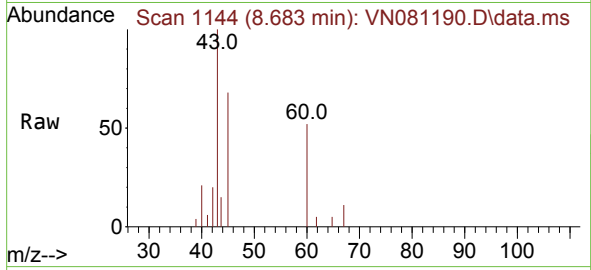




#43
Isopropyl Acetate
Concen: 0.926 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

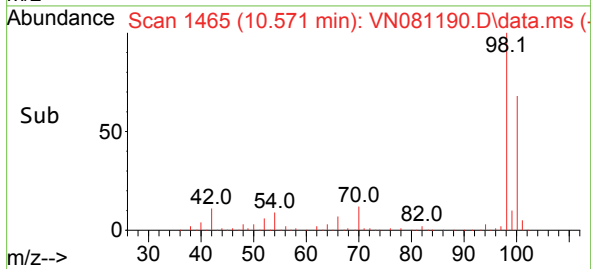
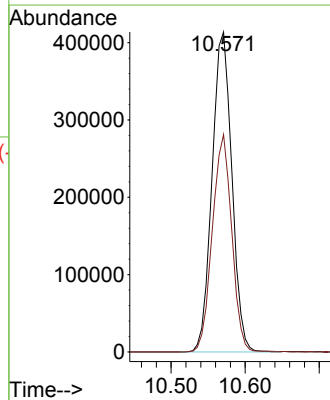
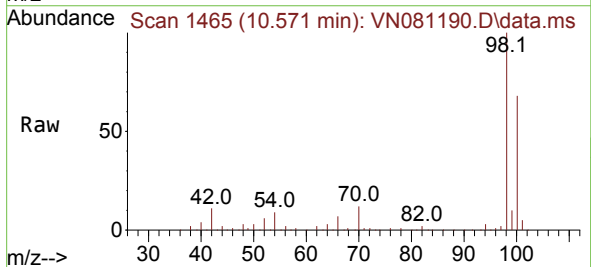
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TB04-20240217

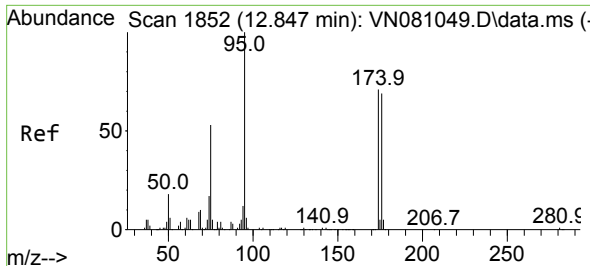
Tgt Ion: 43 Resp: 10230
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 52.854 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion: 98 Resp: 767072
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0

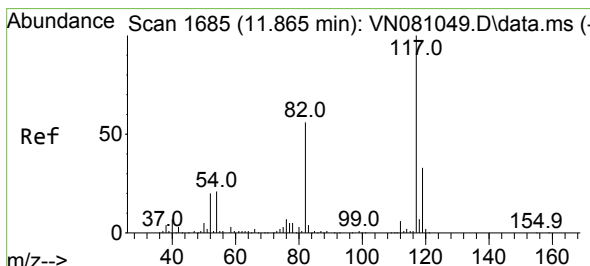
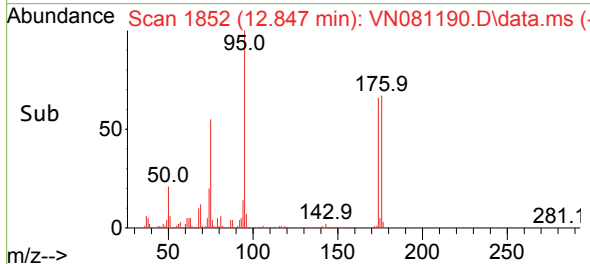
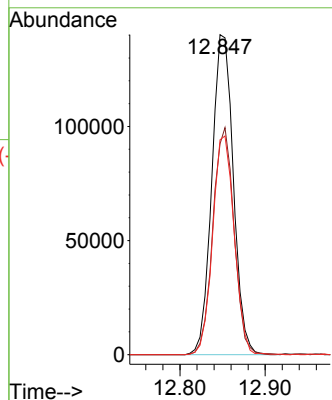
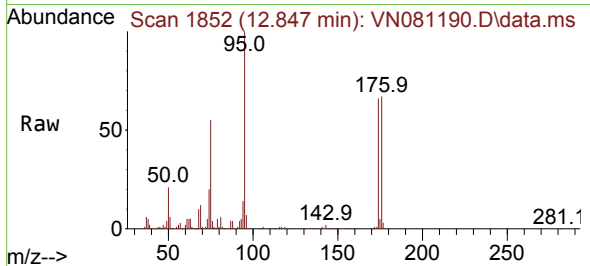




#62
4-Bromofluorobenzene
Concen: 45.187 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

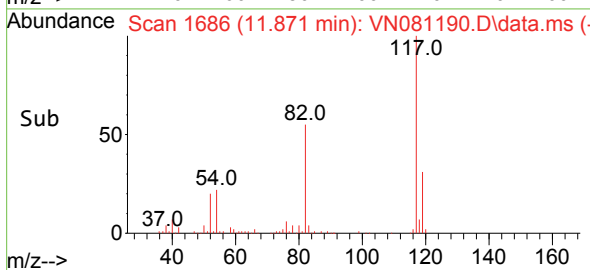
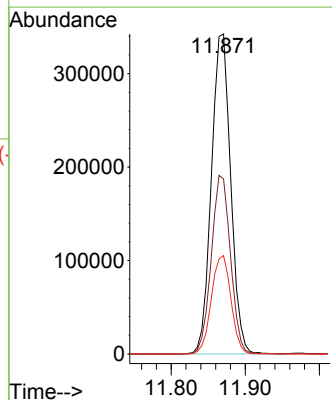
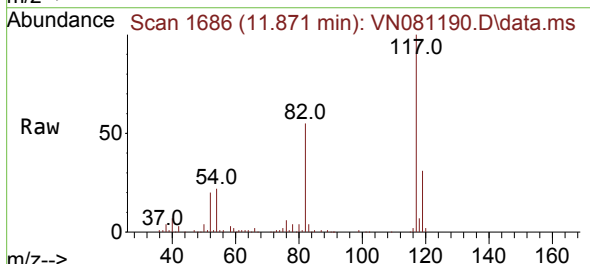
Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217

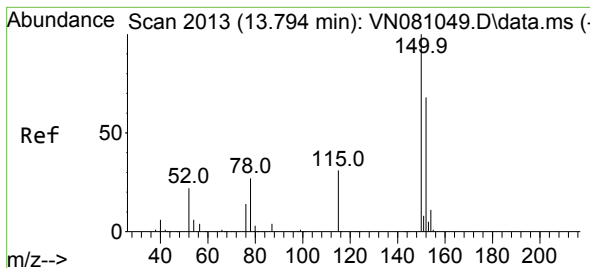
Tgt Ion: 95 Resp: 246421
Ion Ratio Lower Upper
95 100
174 69.8 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Tgt Ion: 117 Resp: 619438
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 30.8 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: VN081190.D

Acq: 26 Feb 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

TB04-20240217

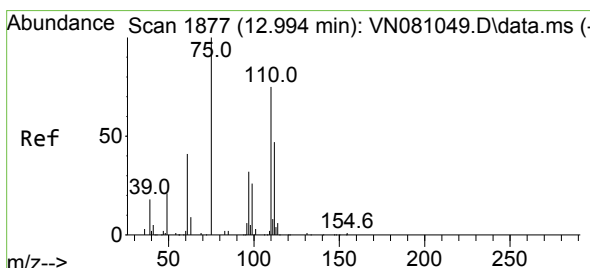
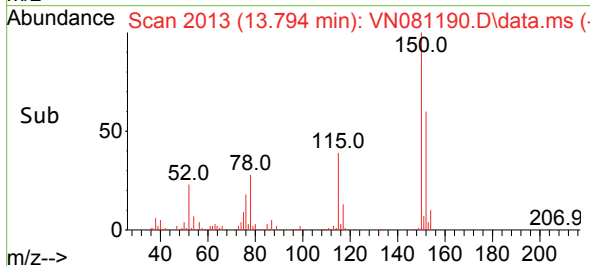
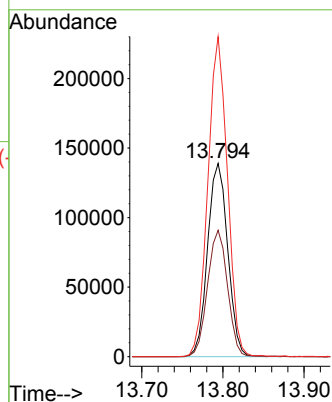
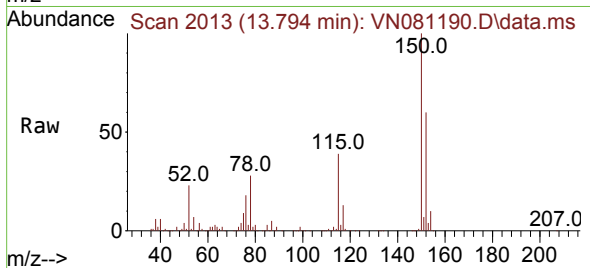
Tgt Ion:152 Resp: 239651

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 160.4 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 25.064 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081190.D

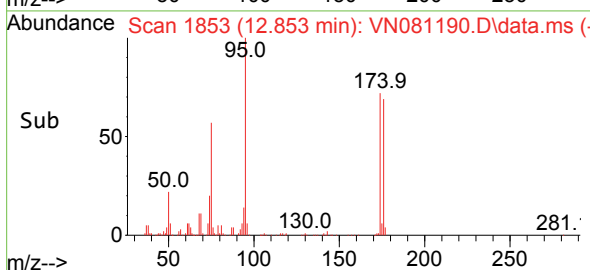
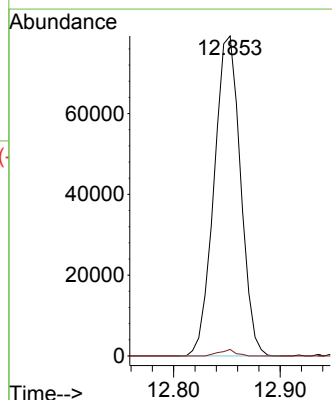
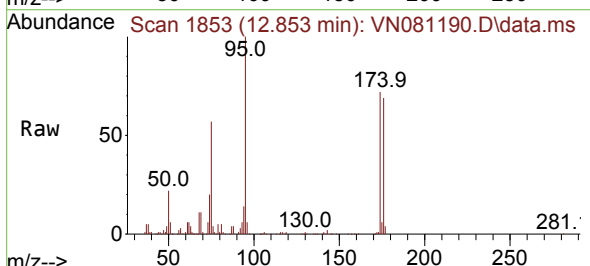
Acq: 26 Feb 2024 13:16

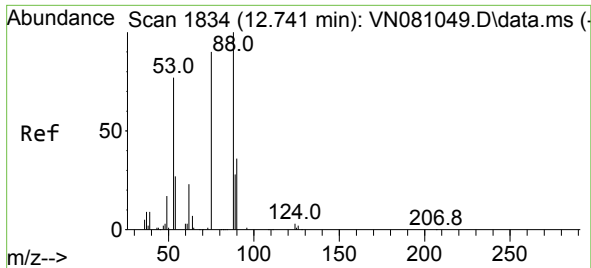
Tgt Ion: 75 Resp: 136473

Ion Ratio Lower Upper

75 100

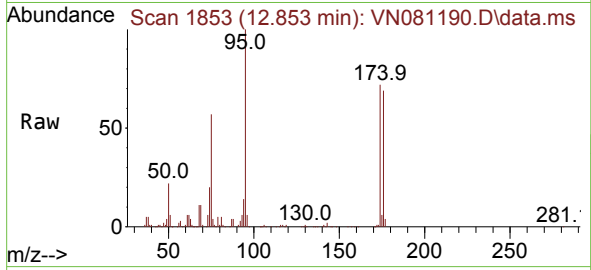
77 1.3 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.512 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081190.D
Acq: 26 Feb 2024 13:16

Instrument :
MSVOA_N
ClientSampleId :
TB04-20240217



Tgt Ion: 75 Resp: 136473
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

