

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081412.D
 Acq On : 14 Mar 2024 16:05
 Operator : JC\MD
 Sample : P1747-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Quant Time: Mar 15 01:14:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

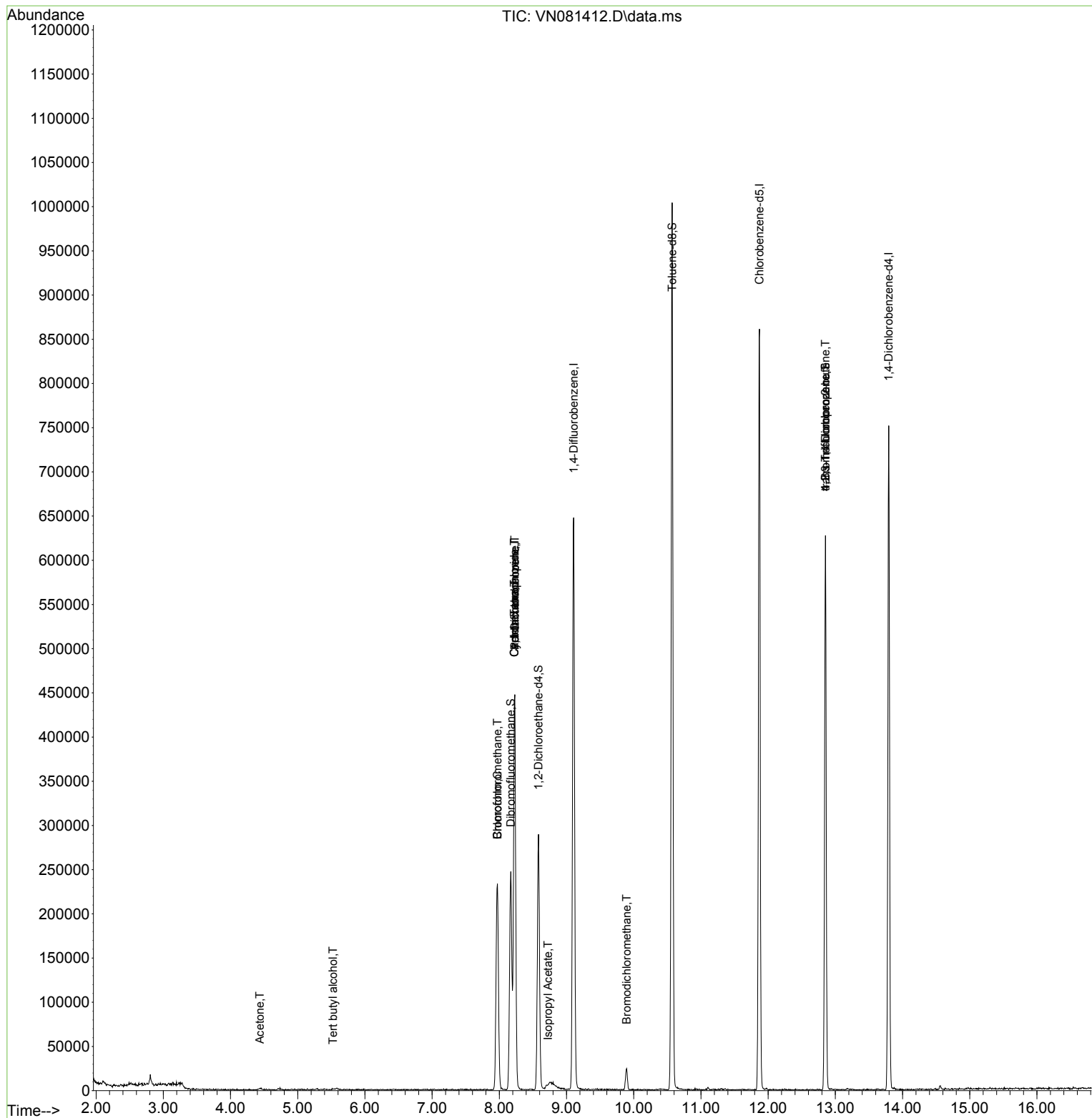
Internal Standards						
1) Pentafluorobenzene	8.230	168	303621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	551652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230511	52.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.171	113	177254	52.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	10.571	98	659893	52.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.853	95	209487	46.912	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	379	0.494	ug/l #	72
16) Acetone	4.436	43	2021	1.299	ug/l	99
20) Methylene Chloride	5.300	84	309	Below Cal	#	8
28) Bromochloromethane	7.971	49	18867	6.176	ug/l #	26
30) Chloroform	7.971	83	229758	31.011	ug/l	100
31) Cyclohexane	8.224	56	8719	1.312	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28825	5.286	ug/l #	51
38) Carbon Tetrachloride	8.224	117	34897	6.359	ug/l #	16
43) Isopropyl Acetate	8.724	43	4823	0.517	ug/l #	57
47) Bromodichloromethane	9.894	83	16265	2.907	ug/l	92
76) 1,2,3-Trichloropropane	12.853	75	118105	26.000	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118105	72.562	ug/l #	14

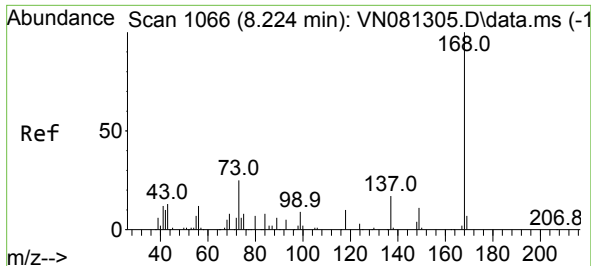
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 01:14:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

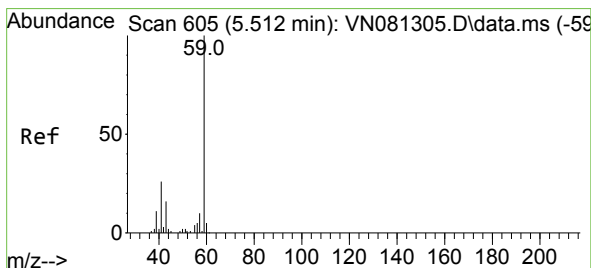
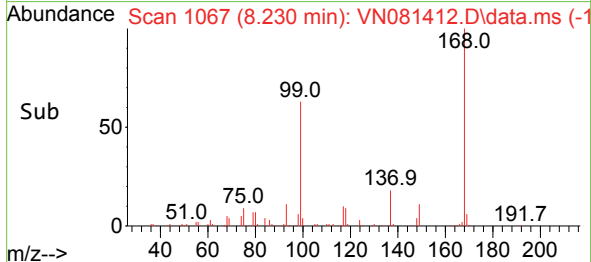
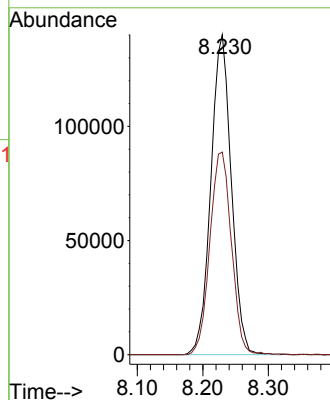
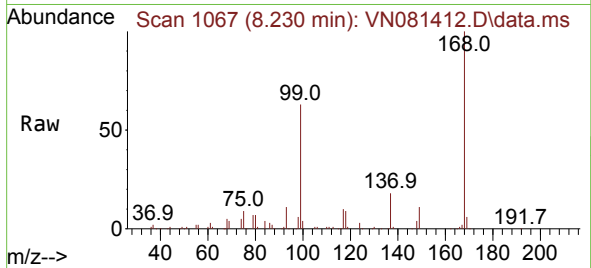




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

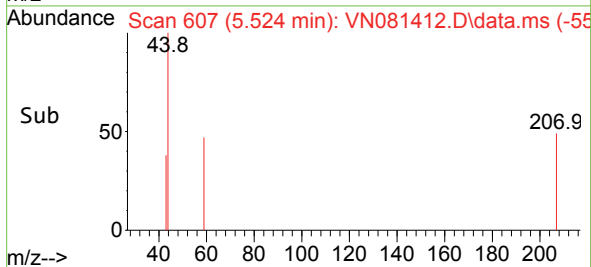
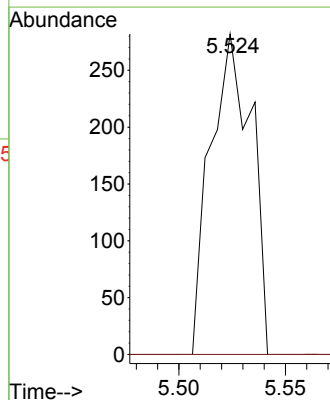
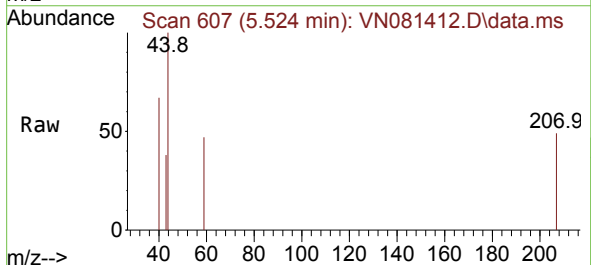
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MSVOA_N
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MW-01

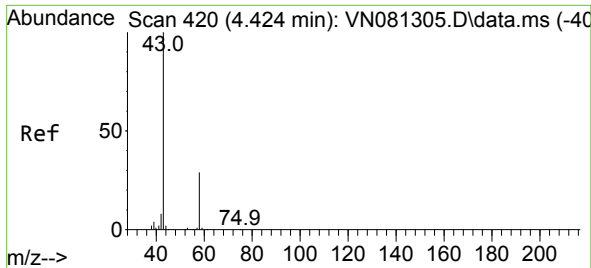
Tgt Ion:168 Resp: 303621
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9



#11
Tert butyl alcohol
Concen: 0.494 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

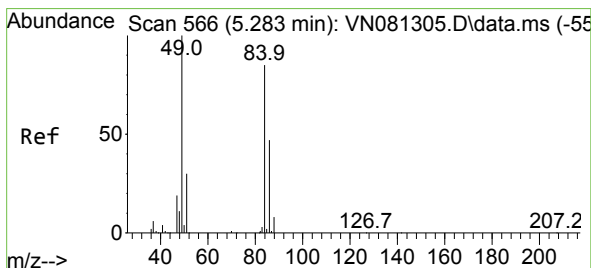
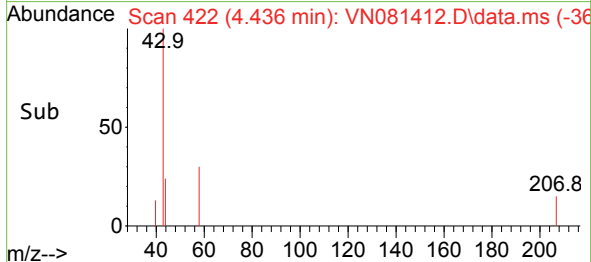
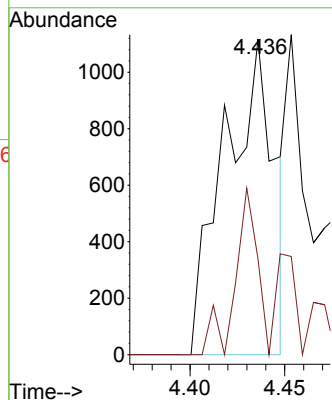
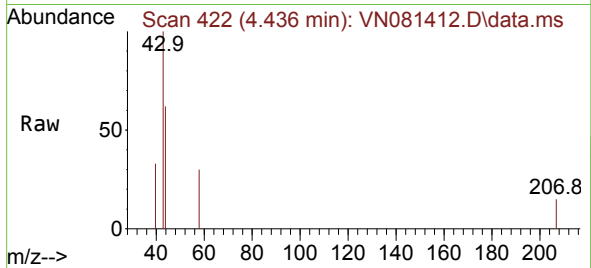




#16
Acetone
Concen: 1.299 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

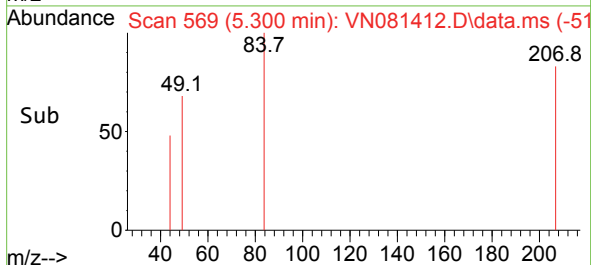
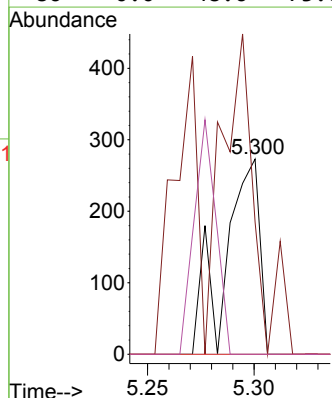
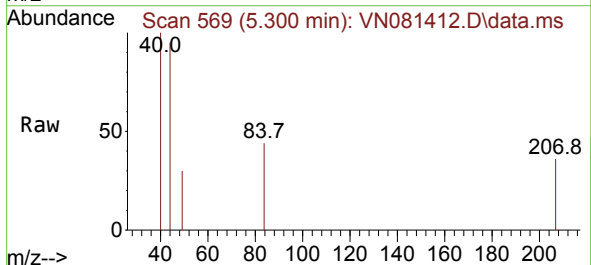
Instrument :
MSVOA_N
ClientSampleId :
MW-01

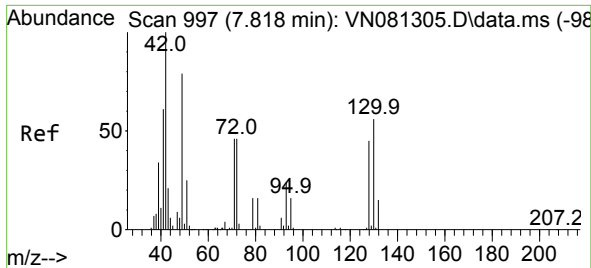
Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 569
Delta R.T. 0.017 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 9.9 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

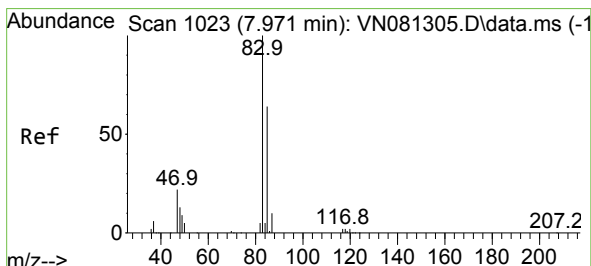
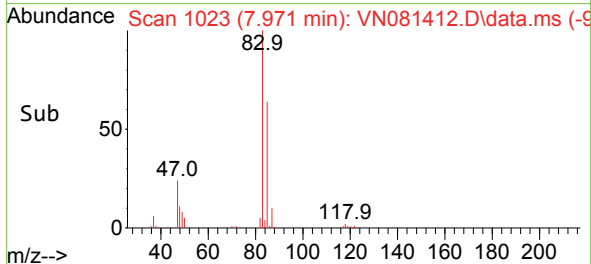
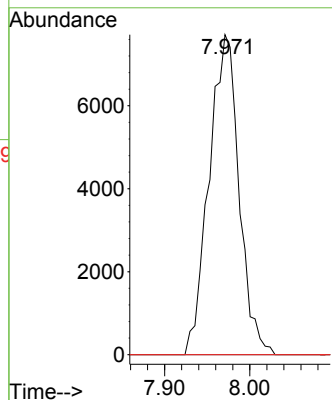
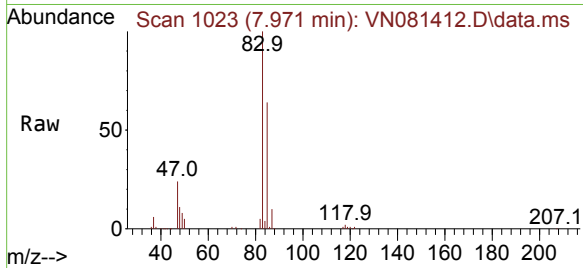




#28
Bromochloromethane
Concen: 6.176 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.153 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

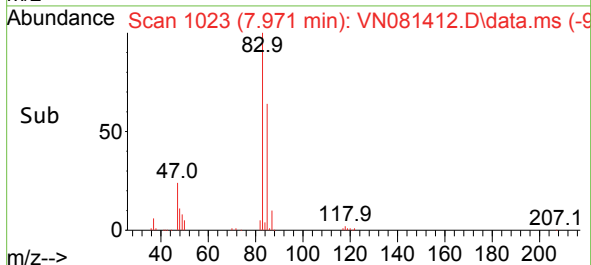
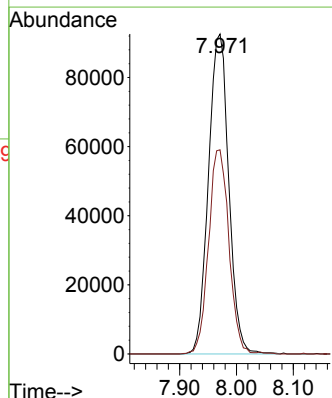
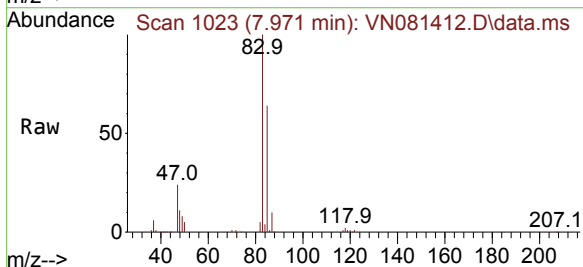
Instrument :
MSVOA_N
ClientSampleId :
MW-01

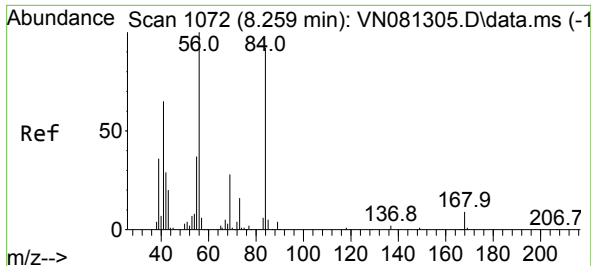
Tgt Ion: 49 Resp: 18867
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#



#30
Chloroform
Concen: 31.011 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 83 Resp: 229758
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6

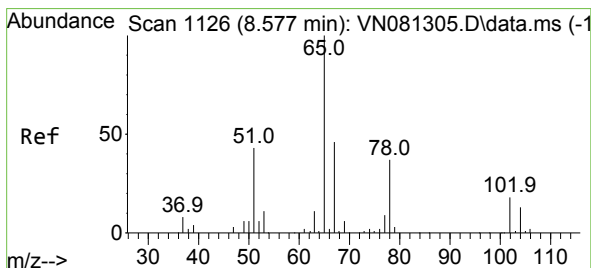
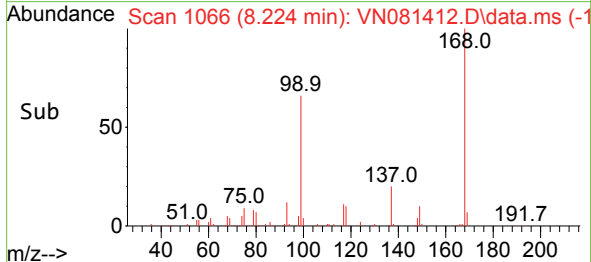
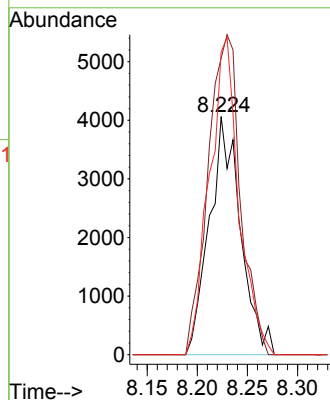
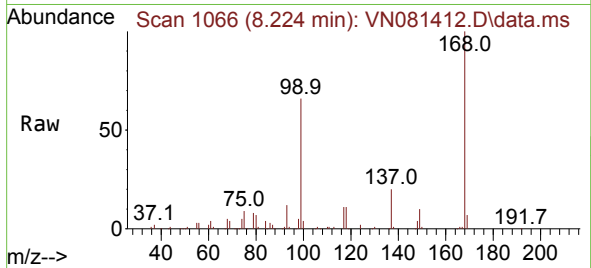




#31
Cyclohexane
Concen: 1.312 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

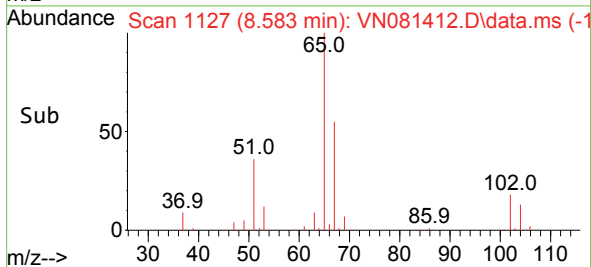
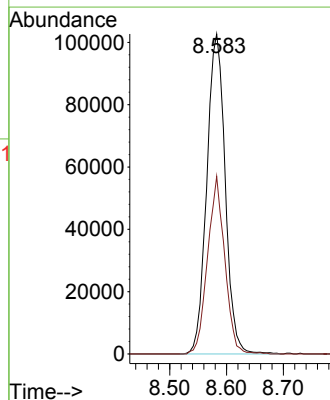
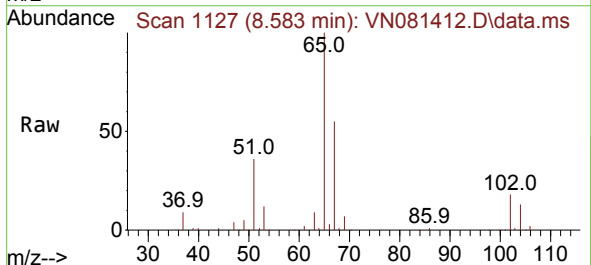
Instrument :
MSVOA_N
ClientSampleId :
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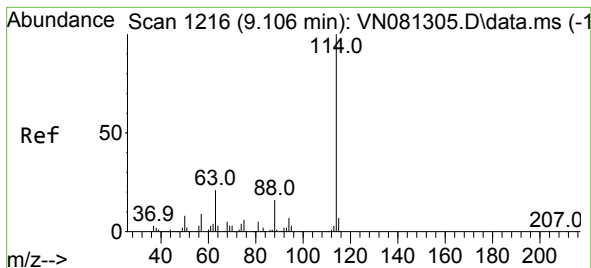
Tgt Ion: 56 Resp: 8719
Ion Ratio Lower Upper
56 100
69 124.6 20.1 30.1#
84 139.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 52.508 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 65 Resp: 230511
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081412.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

MW-01

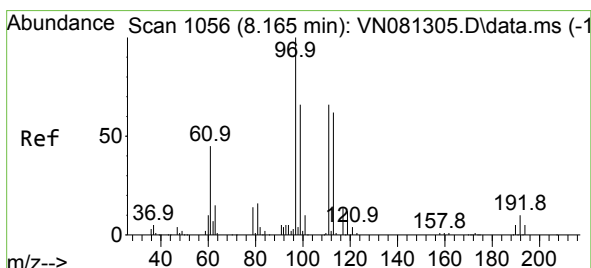
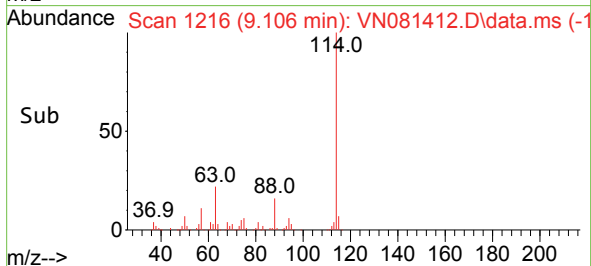
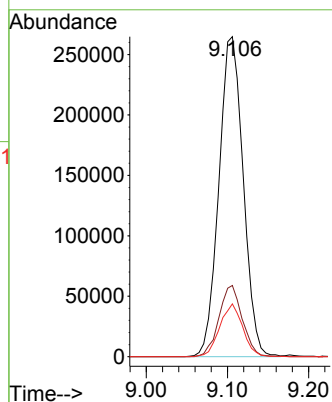
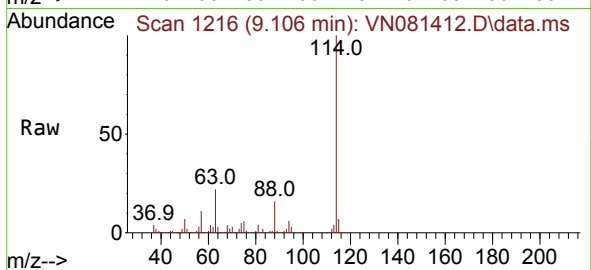
Tgt Ion:114 Resp: 551652

Ion Ratio Lower Upper

114 100

63 22.2 0.0 48.0

88 16.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.445 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081412.D

Acq: 14 Mar 2024 16:05

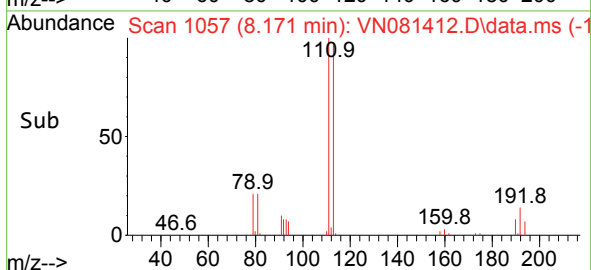
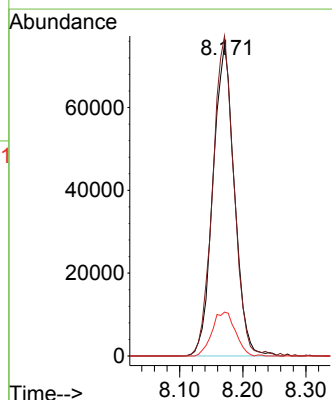
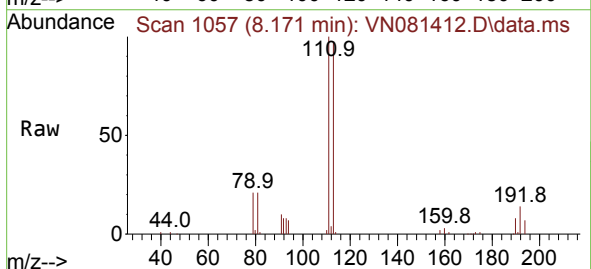
Tgt Ion:113 Resp: 177254

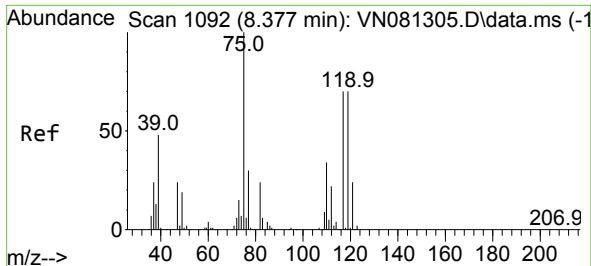
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 15.3 12.5 18.7

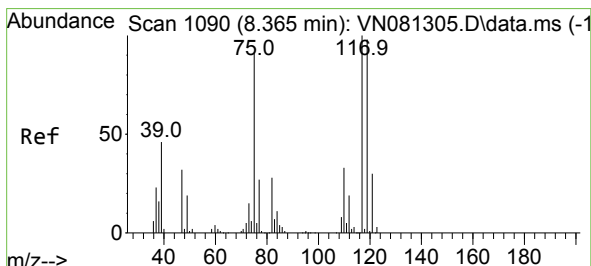
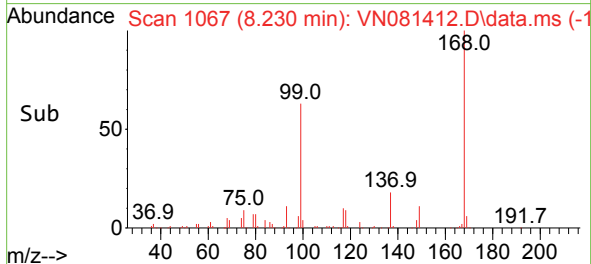
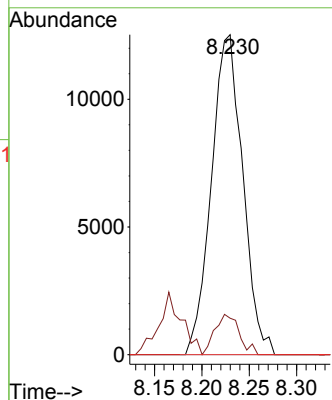
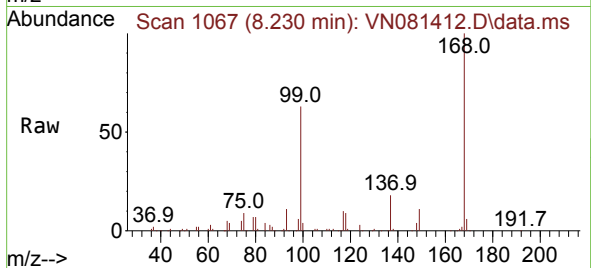




#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

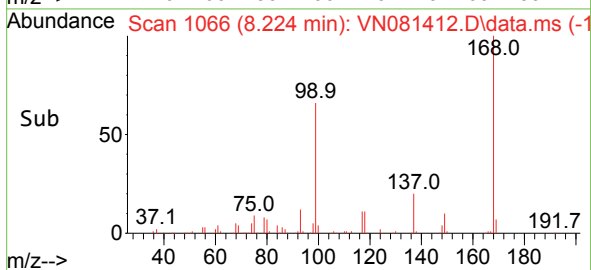
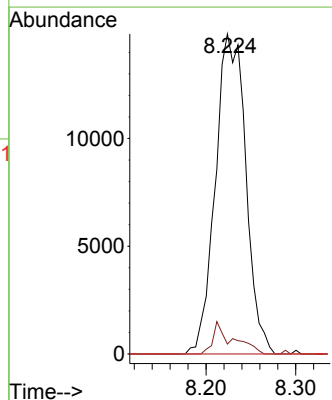
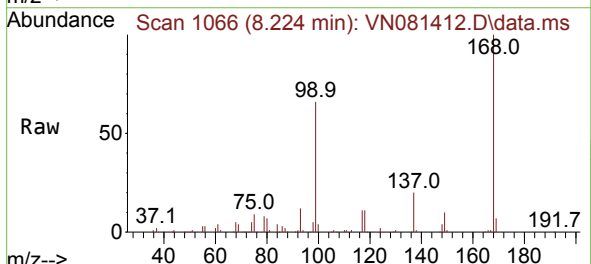
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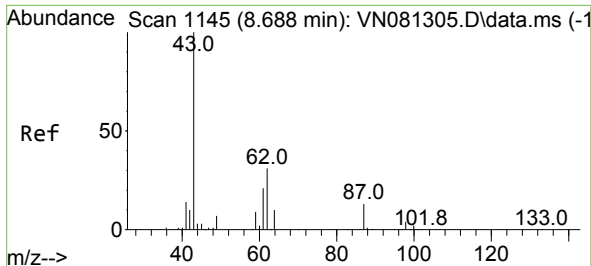
Tgt Ion: 75 Resp: 28825
Ion Ratio Lower Upper
75 100
110 9.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 117 Resp: 34897
Ion Ratio Lower Upper
117 100
119 3.1 73.4 110.2#
121 0.0 24.4 36.6#

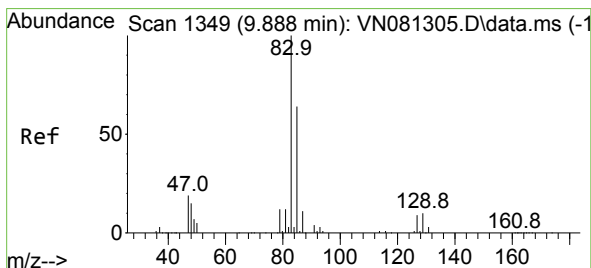
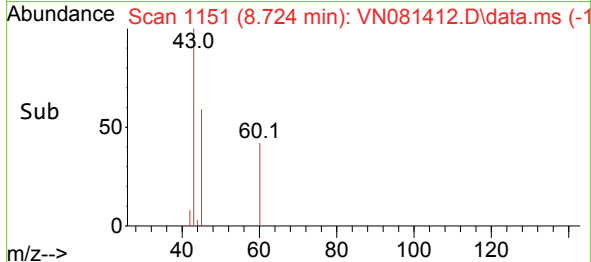
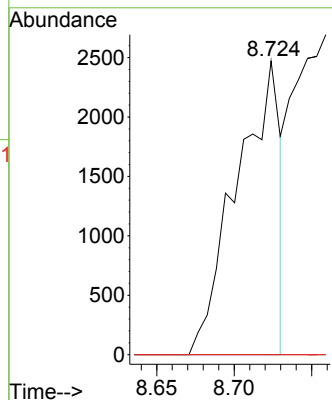
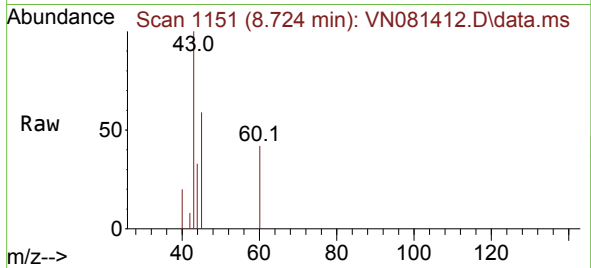




#43
Isopropyl Acetate
Concen: 0.517 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.035 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

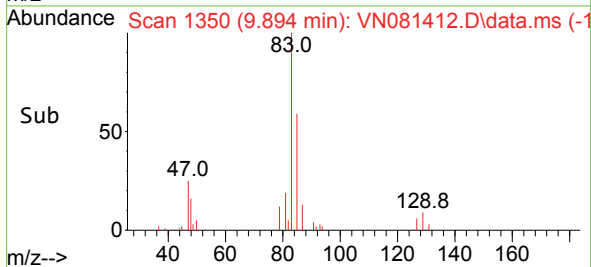
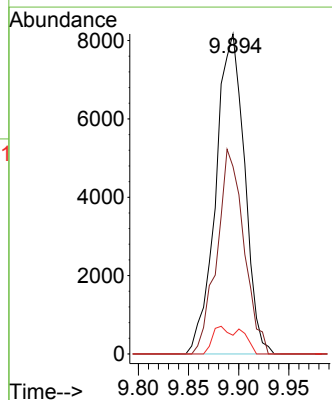
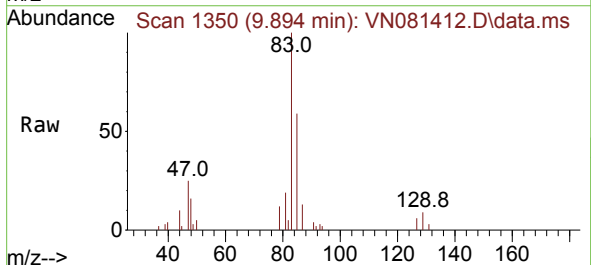
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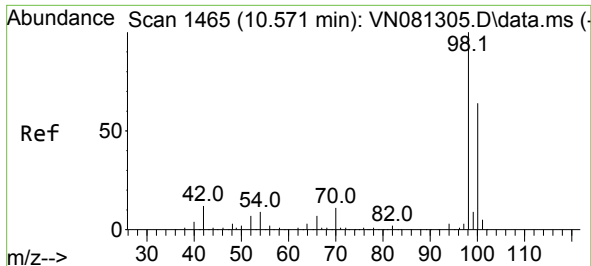
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#47
Bromodichloromethane
Concen: 2.907 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 83 Resp: 16265
Ion Ratio Lower Upper
83 100
85 58.6 52.3 78.5
127 5.9 4.6 7.0

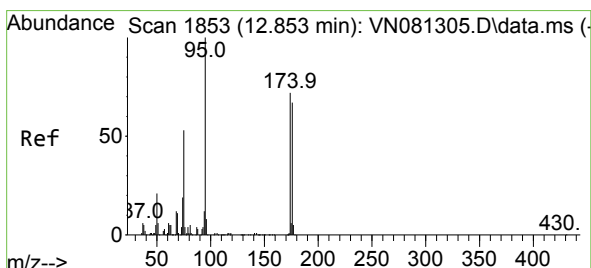
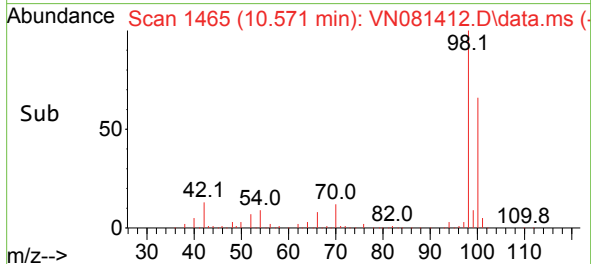
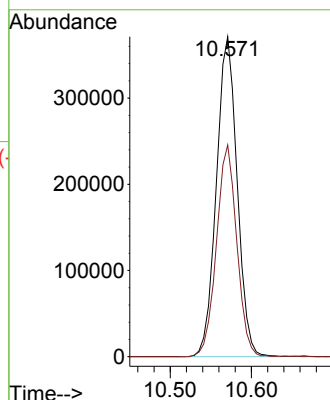
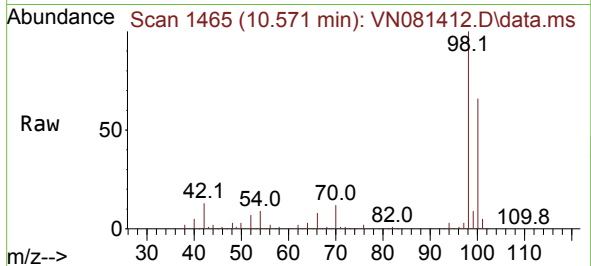




#50
Toluene-d8
Concen: 52.230 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

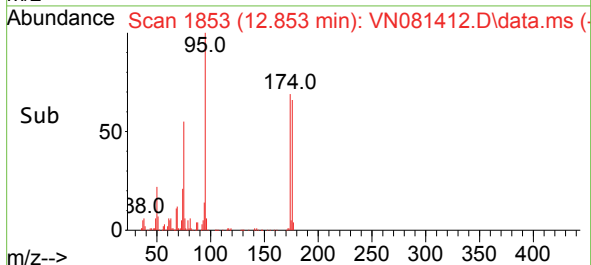
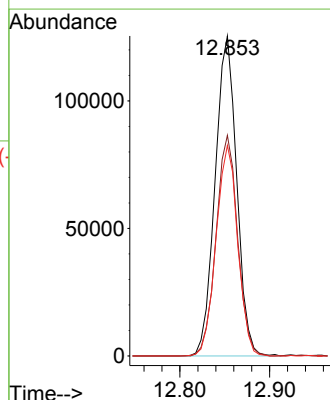
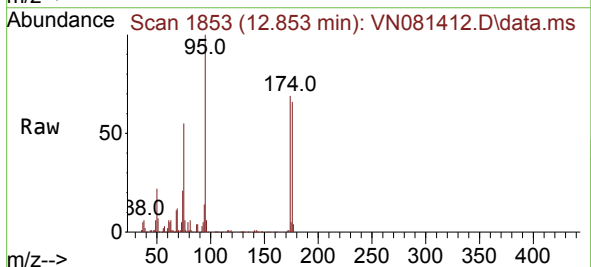
Instrument :
MSVOA_N
ClientSampleId :
MW-01

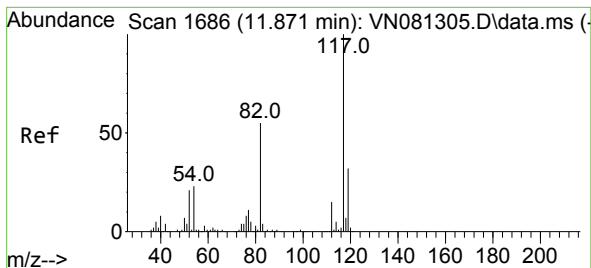
Tgt Ion: 98 Resp: 659893
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.912 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 95 Resp: 209487
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 65.9 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081412.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

MW-01

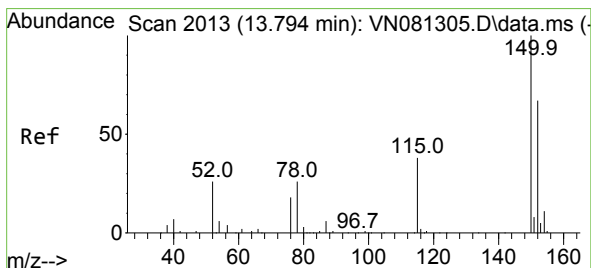
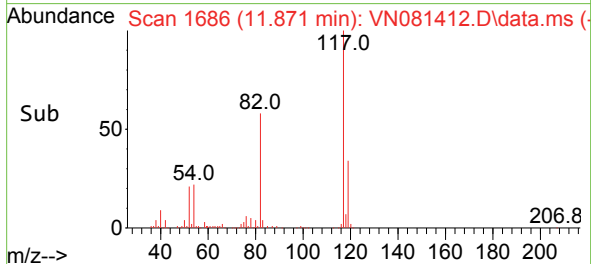
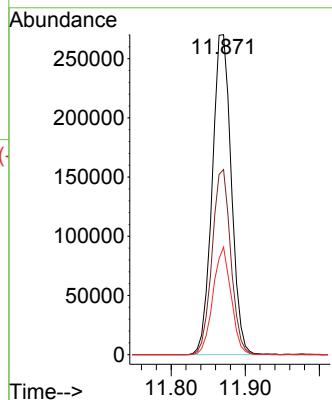
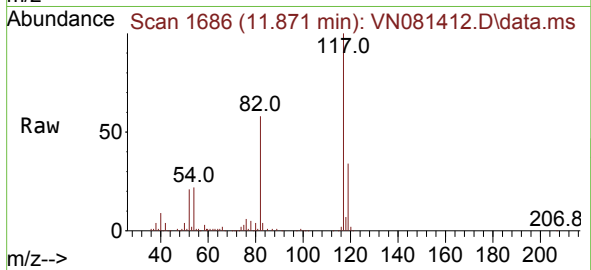
Tgt Ion:117 Resp: 483758

Ion Ratio Lower Upper

117 100

82 57.9 52.7 79.1

119 33.6 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: VN081412.D

Acq: 14 Mar 2024 16:05

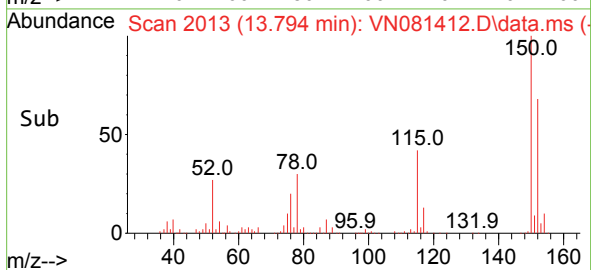
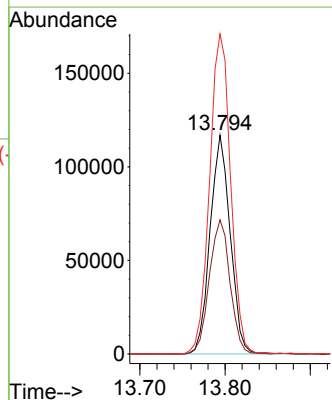
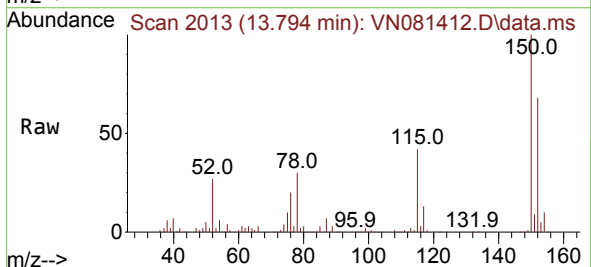
Tgt Ion:152 Resp: 192317

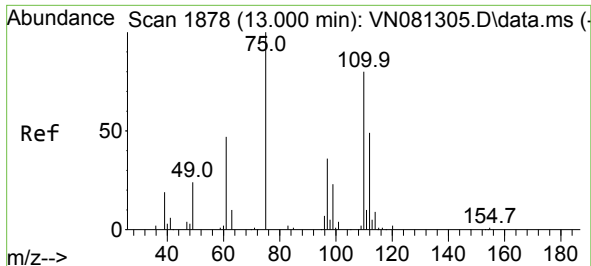
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 152.6 0.0 339.8

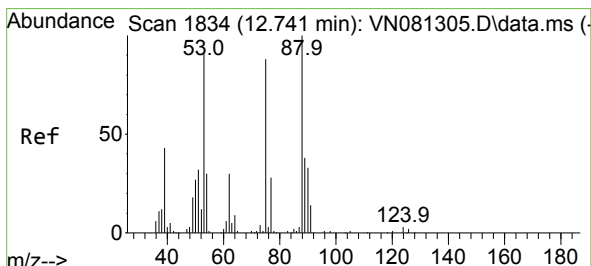
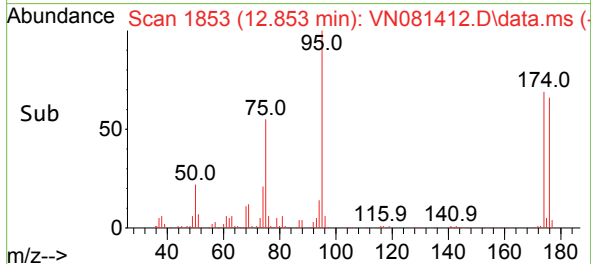
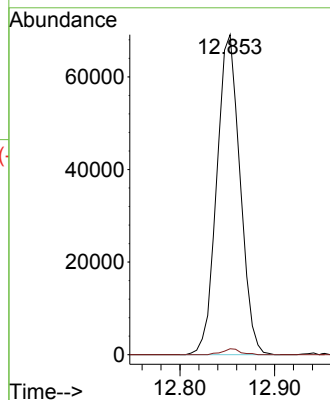
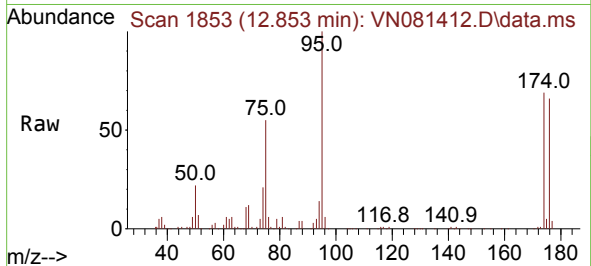




#76
1,2,3-Trichloropropane
Concen: 26.000 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
MW-01

Tgt Ion: 75 Resp: 118105
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.562 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081412.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 75 Resp: 118105
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

