

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081413.D
 Acq On : 14 Mar 2024 16:29
 Operator : JC\MD
 Sample : P1747-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-DUP

Quant Time: Mar 15 01:14:44 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)

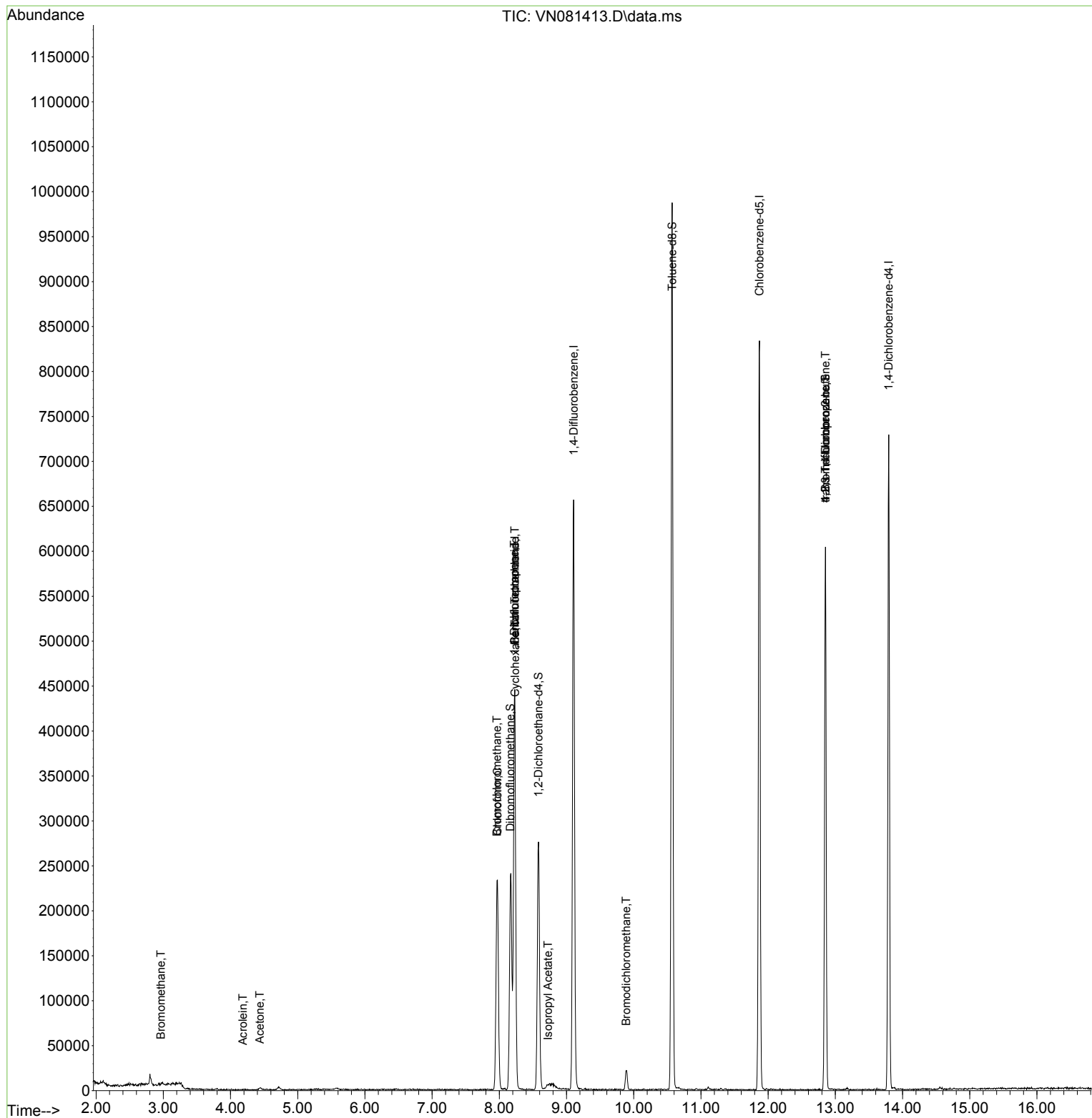
Internal Standards						
1) Pentafluorobenzene	8.230	168	297408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229027	53.260	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.520%		
35) Dibromofluoromethane	8.165	113	174546	51.981	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.960%		
50) Toluene-d8	10.571	98	656223	52.279	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.560%		
62) 4-Bromofluorobenzene	12.853	95	198412	44.722	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 89.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	776	0.262	ug/l #	35
13) Acrolein	4.183	56	197	0.221	ug/l #	24
16) Acetone	4.436	43	3514	2.306	ug/l	93
20) Methylene Chloride	5.265	84	187	Below Cal	#	38
28) Bromochloromethane	7.965	49	18884	6.311	ug/l #	26
30) Chloroform	7.971	83	227708	31.376	ug/l	100
31) Cyclohexane	8.236	56	8816	1.354	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28957	5.345	ug/l #	50
38) Carbon Tetrachloride	8.230	117	34375	6.305	ug/l #	19
43) Isopropyl Acetate	8.724	43	5178	0.559	ug/l #	57
47) Bromodichloromethane	9.888	83	15864	2.854	ug/l #	80
76) 1,2,3-Trichloropropane	12.853	75	111983	26.463	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111983	73.853	ug/l #	14

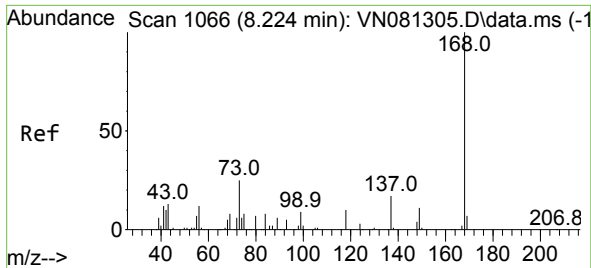
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
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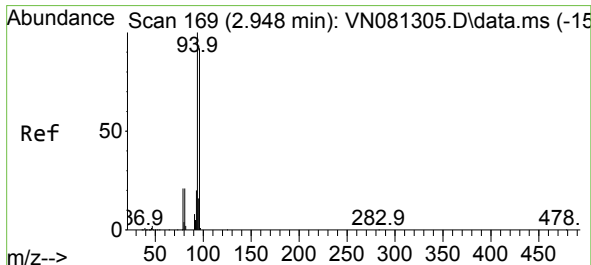
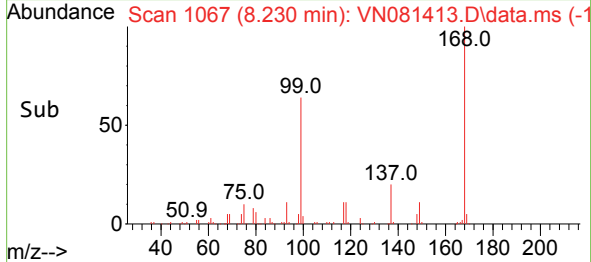
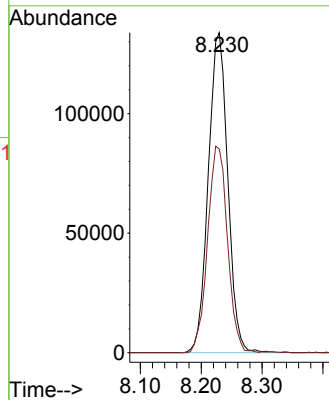
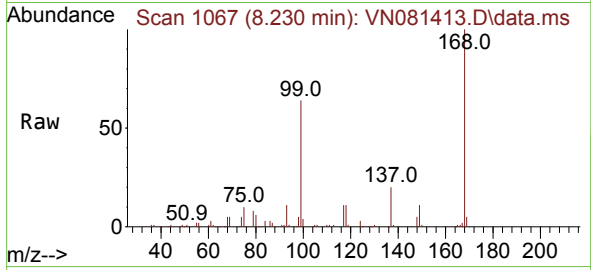




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

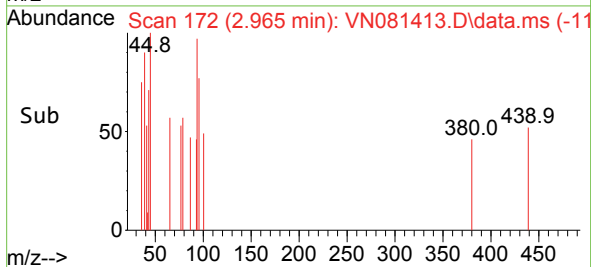
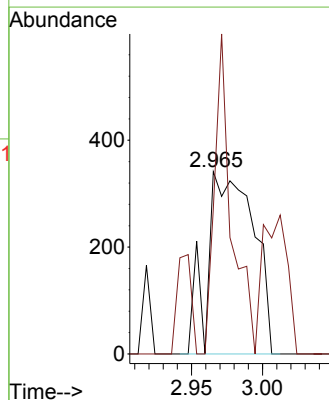
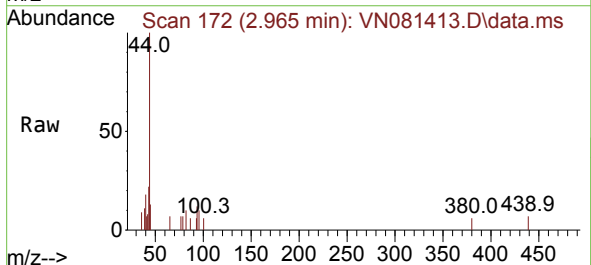
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

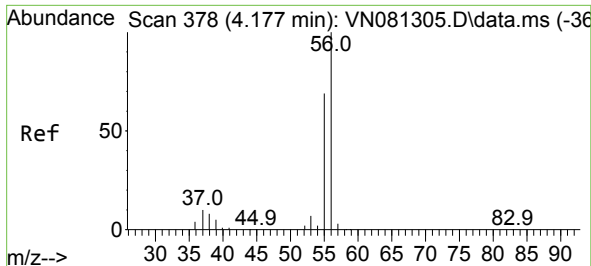
Tgt Ion:168 Resp: 297408
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9



#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 94 Resp: 776
Ion Ratio Lower Upper
94 100
96 27.0 69.2 103.8#

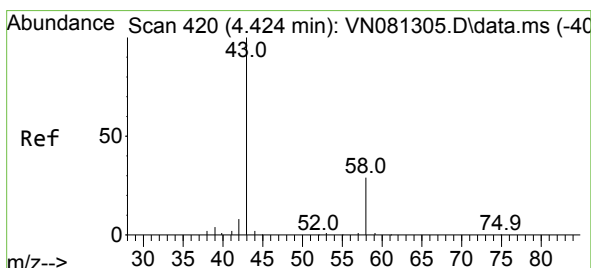
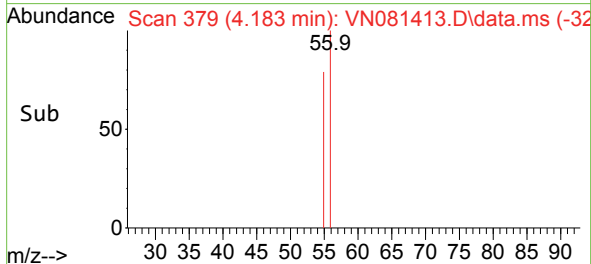
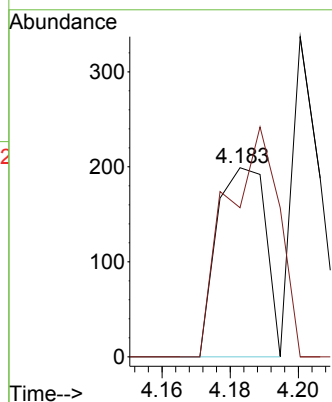
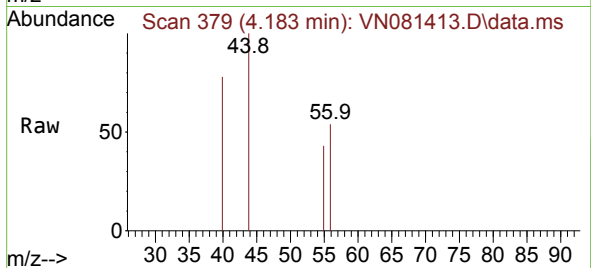




#13
Acrolein
Concen: 0.221 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

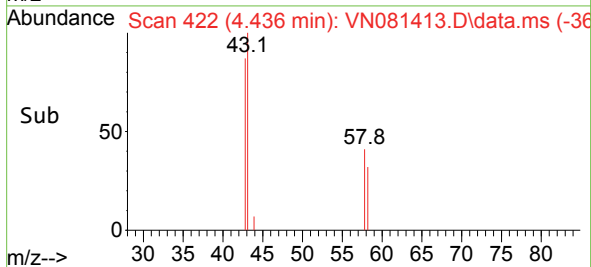
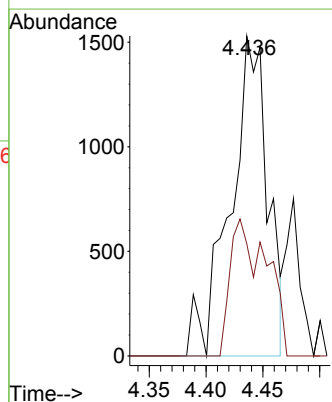
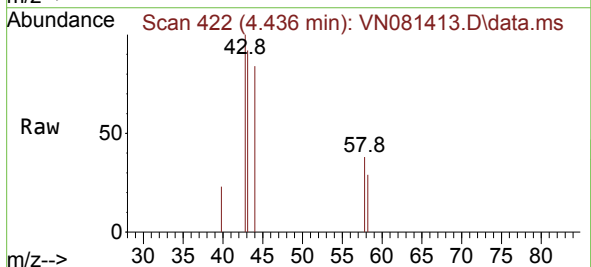
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

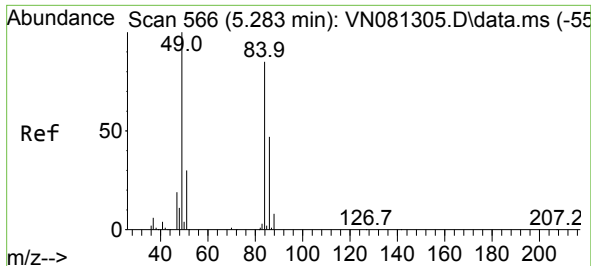
Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 131.0 55.3 82.9#



#16
Acetone
Concen: 2.306 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 35.1 24.8 37.2

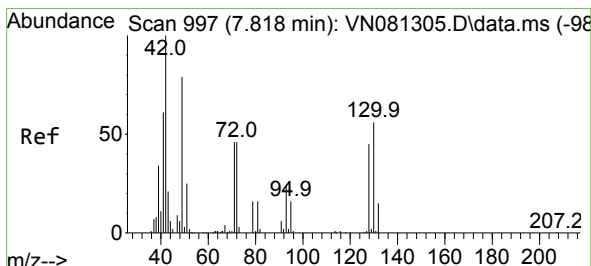
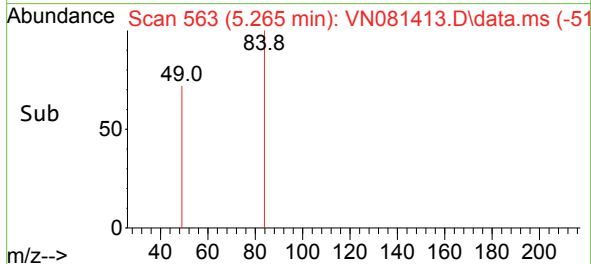
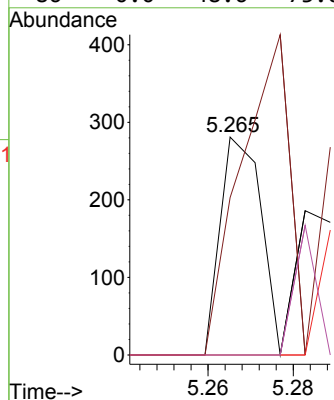
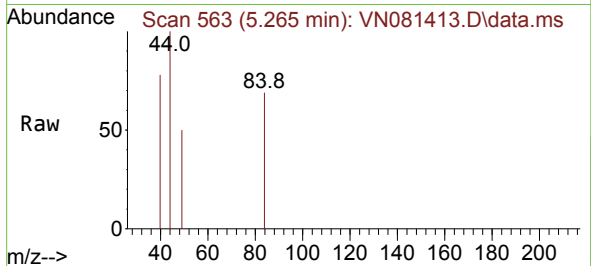




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

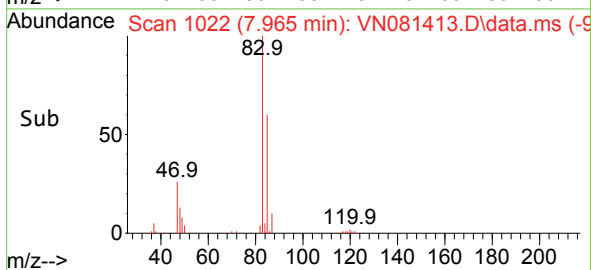
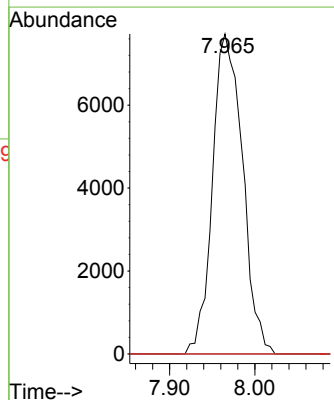
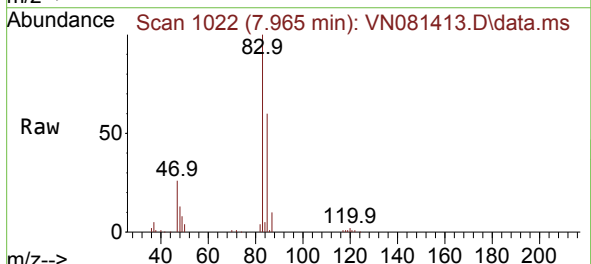
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

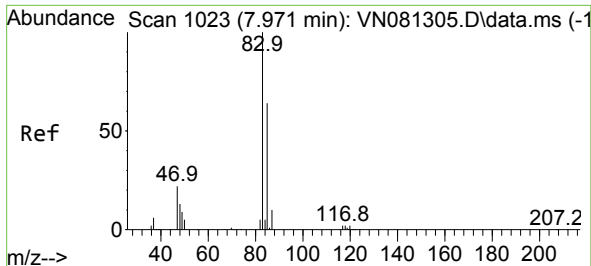
Tgt Ion:	84	Resp:	187
Ion	Ratio	Lower	Upper
84	100		
49	72.2	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#28
Bromochloromethane
Concen: 6.311 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.147 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion:	49	Resp:	18884
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	0.0	42.3	63.5#

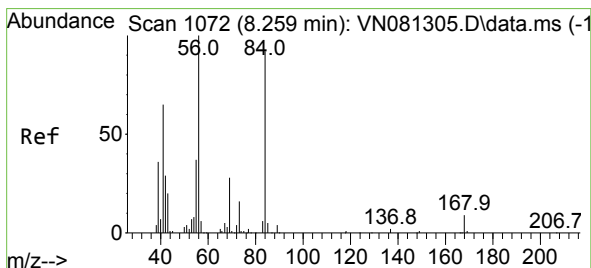
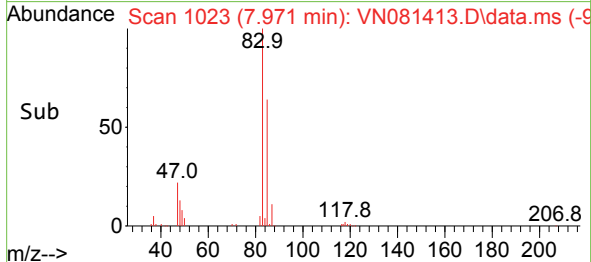
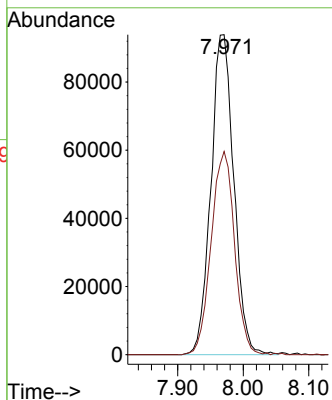
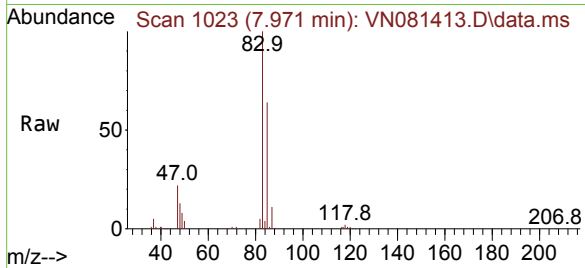




#30
Chloroform
Concen: 31.376 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

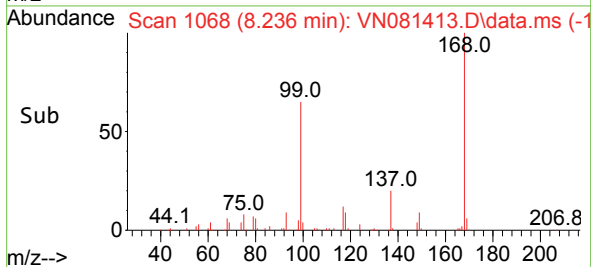
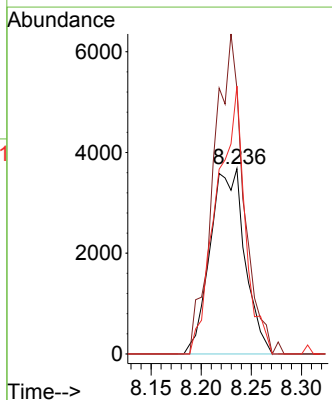
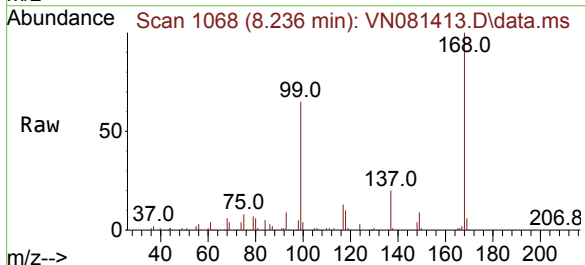
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

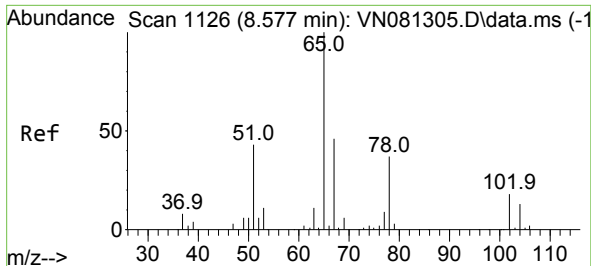
Tgt Ion: 83 Resp: 227708
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 56 Resp: 8816
Ion Ratio Lower Upper
56 100
69 143.4 20.1 30.1#
84 144.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.260 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081413.D

Acq: 14 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

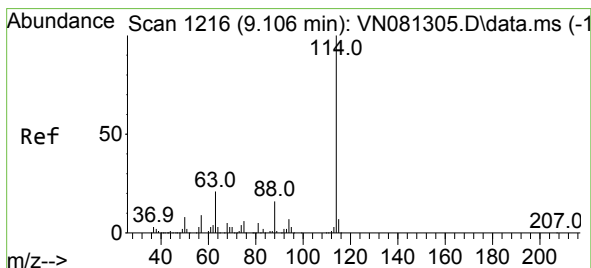
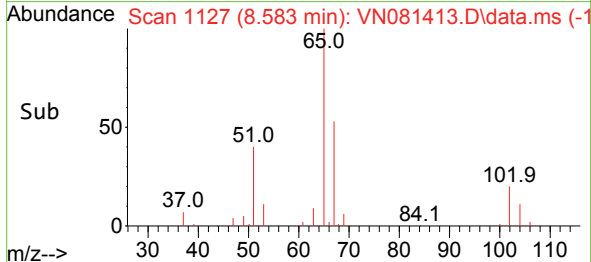
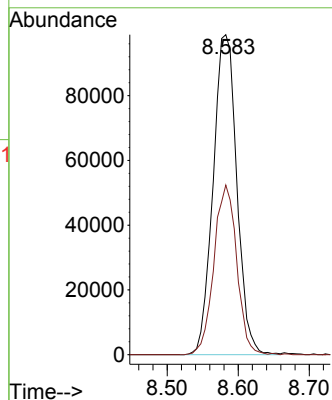
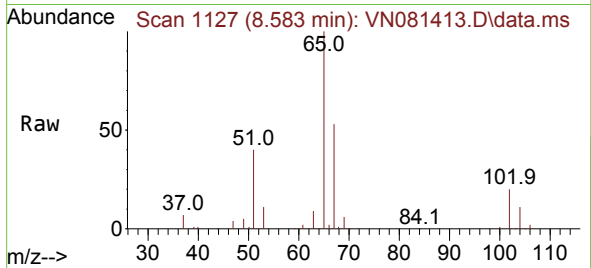
MW-01-DUP

Tgt Ion: 65 Resp: 229027

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081413.D

Acq: 14 Mar 2024 16:29

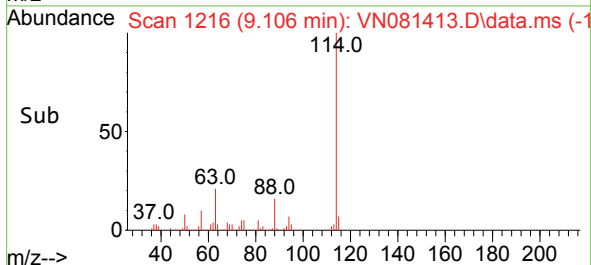
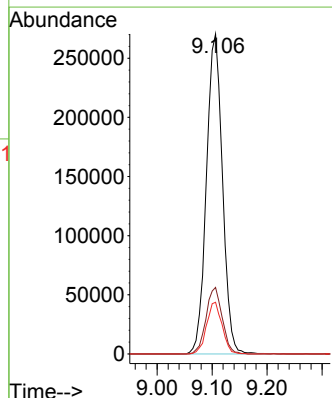
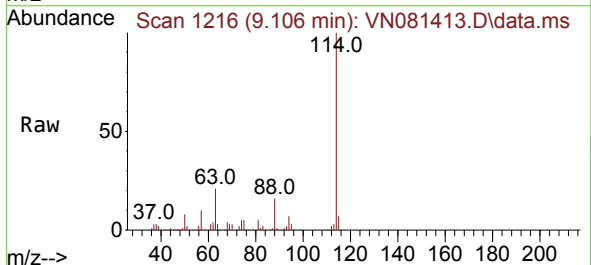
Tgt Ion: 114 Resp: 548071

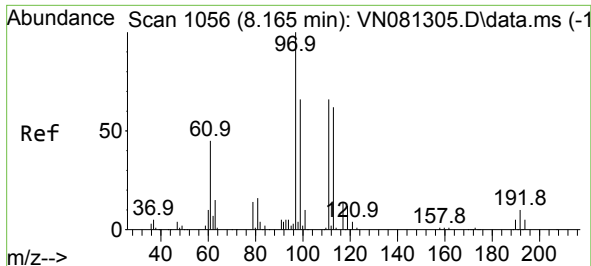
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 16.1 0.0 34.8

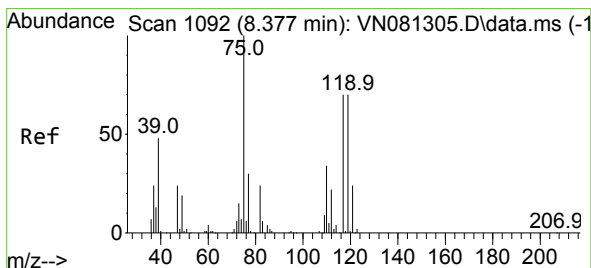
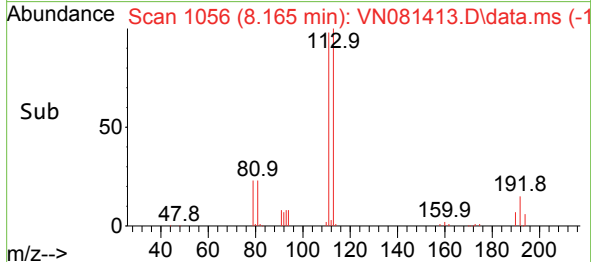
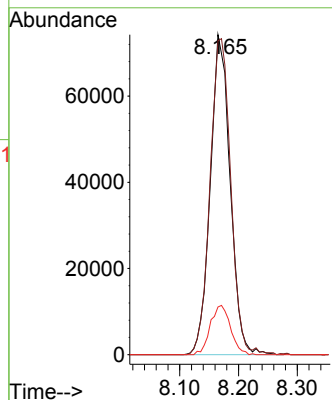
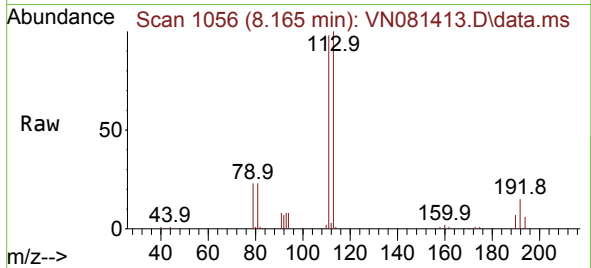




#35
Dibromofluoromethane
Concen: 51.981 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

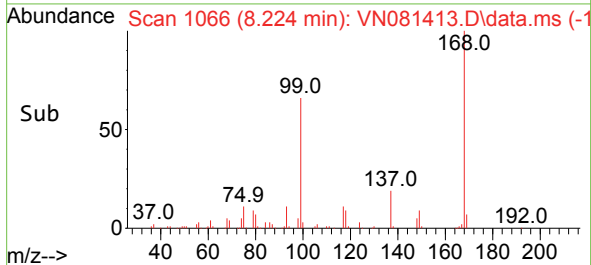
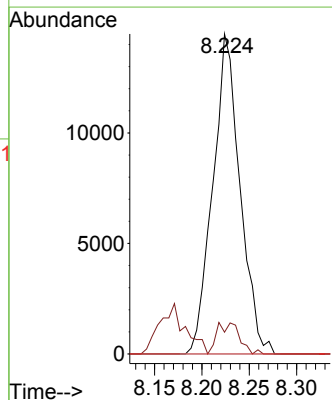
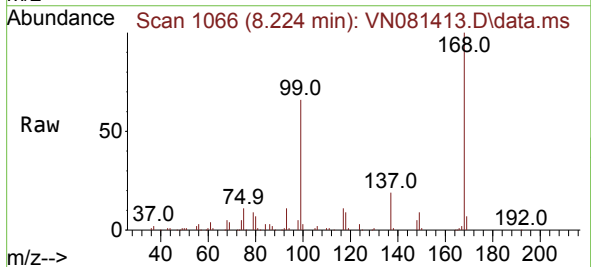
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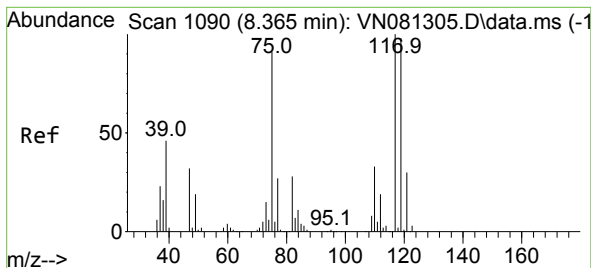
Tgt Ion:113 Resp: 174546
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 15.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 75 Resp: 28957
Ion Ratio Lower Upper
75 100
110 8.1 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.305 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN081413.D

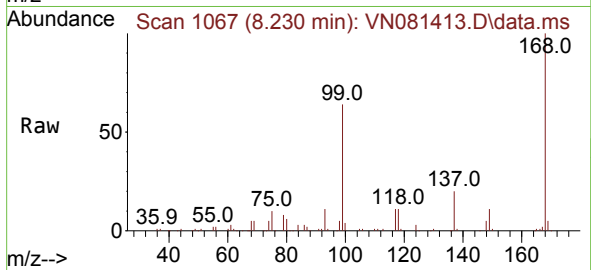
Acq: 14 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

MW-01-DUP



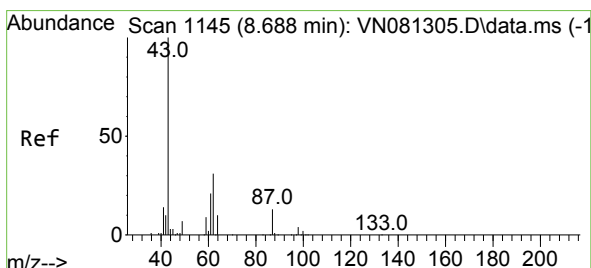
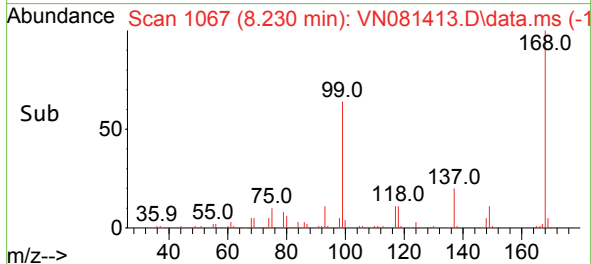
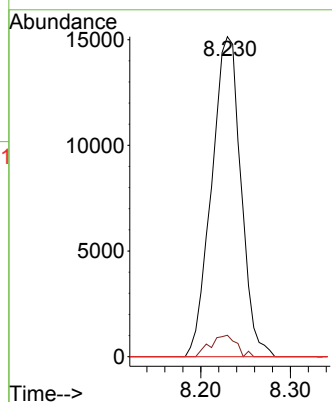
Tgt Ion:117 Resp: 34375

Ion Ratio Lower Upper

117 100

119 6.7 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.559 ug/l

RT: 8.724 min Scan# 1151

Delta R.T. 0.035 min

Lab File: VN081413.D

Acq: 14 Mar 2024 16:29

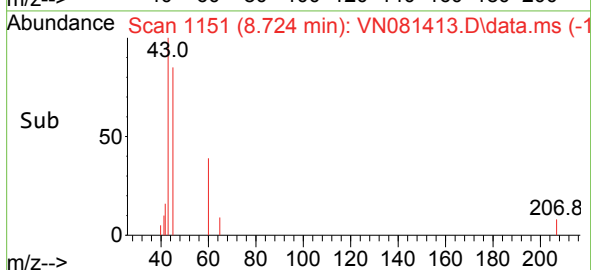
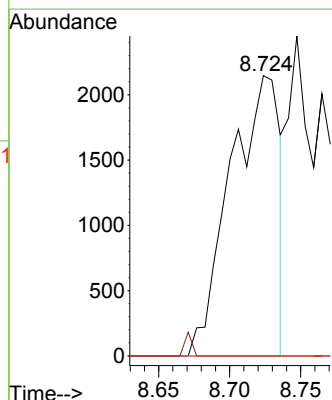
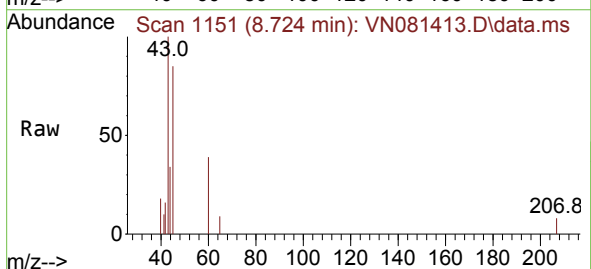
Tgt Ion: 43 Resp: 5178

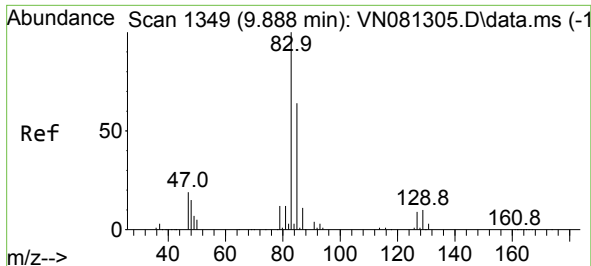
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

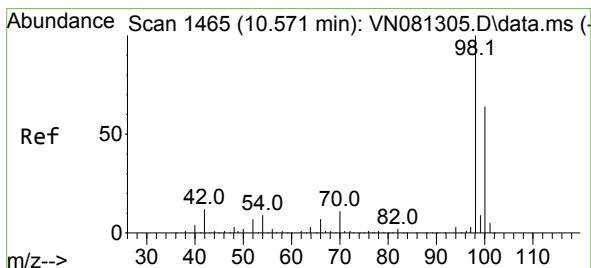
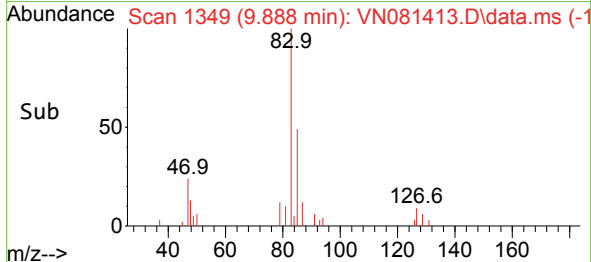
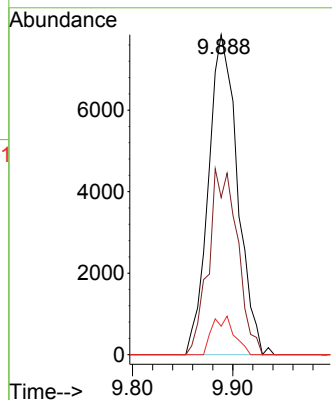
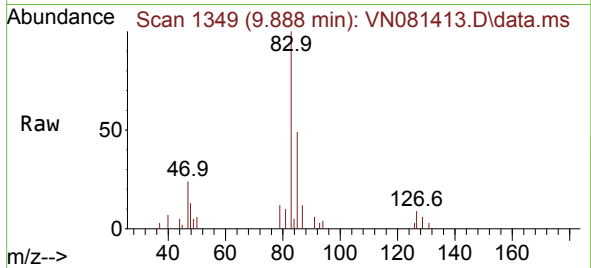




#47
Bromodichloromethane
Concen: 2.854 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

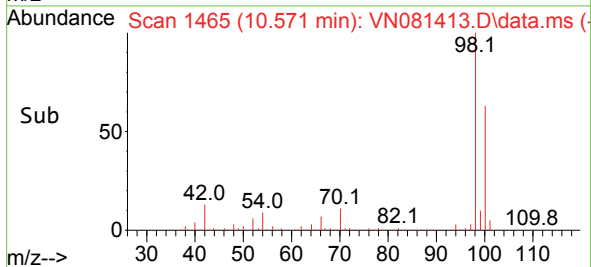
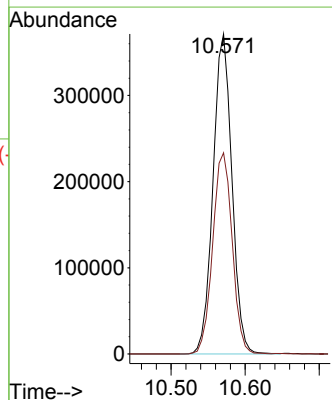
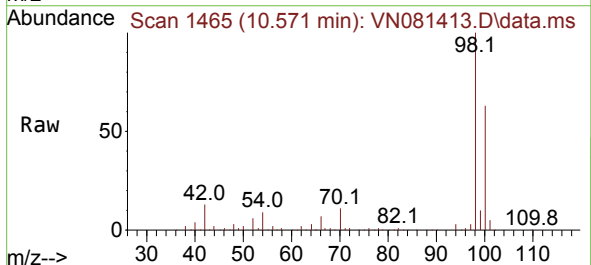
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

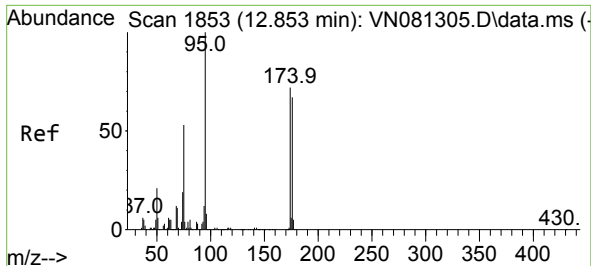
Tgt Ion: 83 Resp: 15864
Ion Ratio Lower Upper
83 100
85 49.1 52.3 78.5#
127 8.9 4.6 7.0#



#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 98 Resp: 656223
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

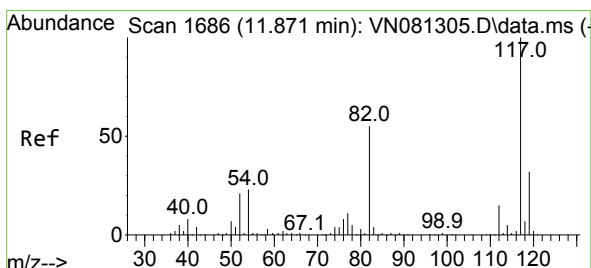
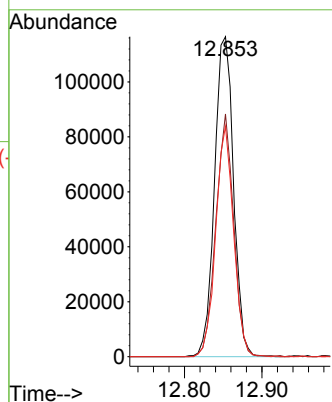
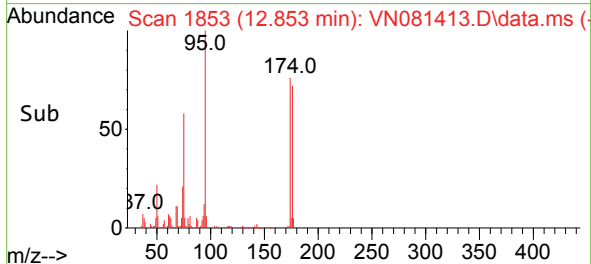
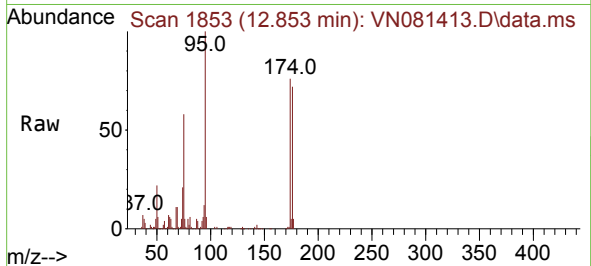




#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

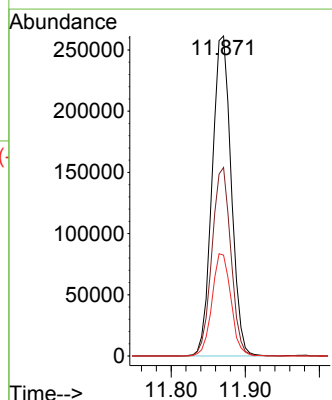
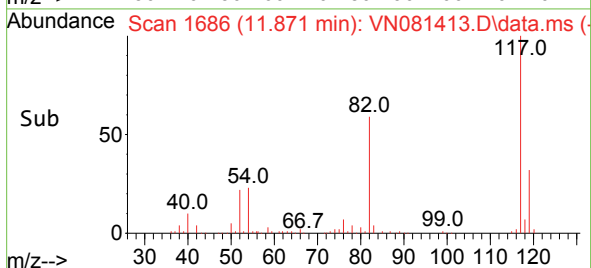
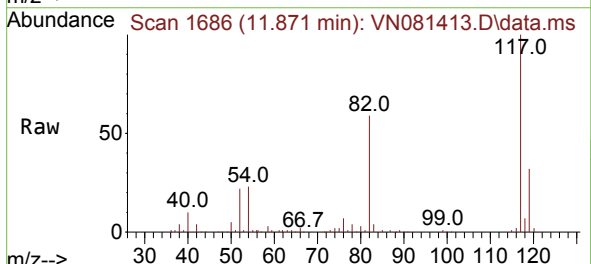
Instrument :
MSVOA_N
ClientSampleId :
MW-01-DUP

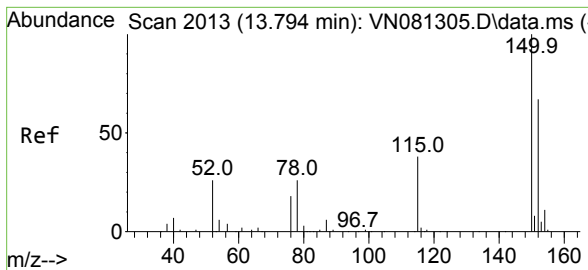
Tgt Ion: 95 Resp: 198412
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 67.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081413.D
Acq: 14 Mar 2024 16:29

Tgt Ion: 117 Resp: 467622
Ion Ratio Lower Upper
117 100
82 58.9 52.7 79.1
119 31.5 25.3 37.9

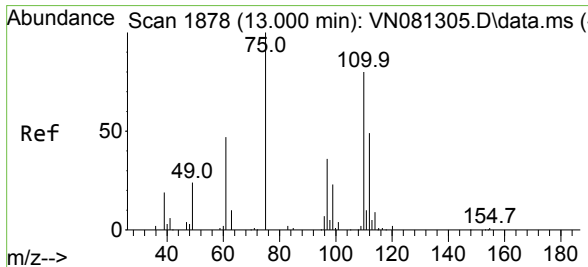
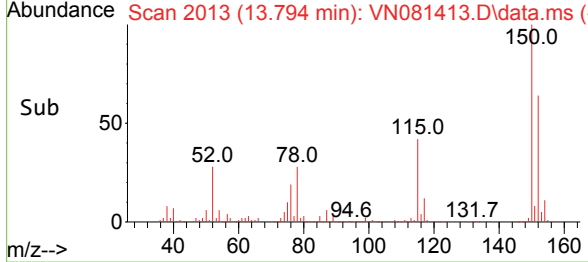
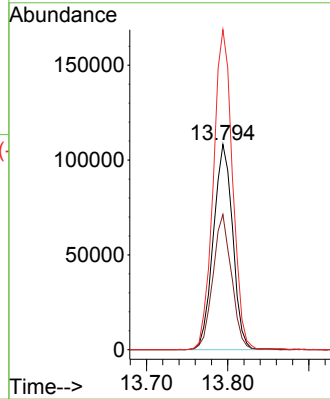
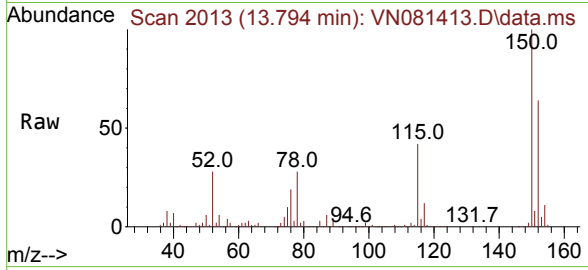




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081413.D
 Acq: 14 Mar 2024 16:29

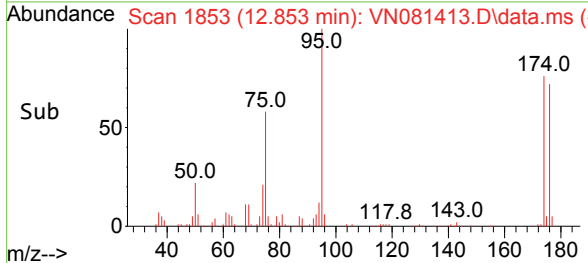
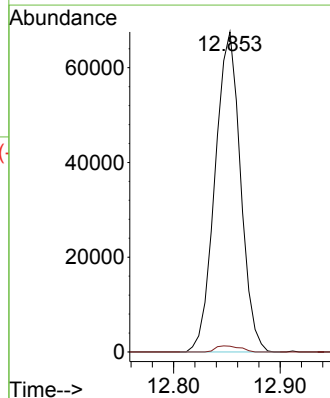
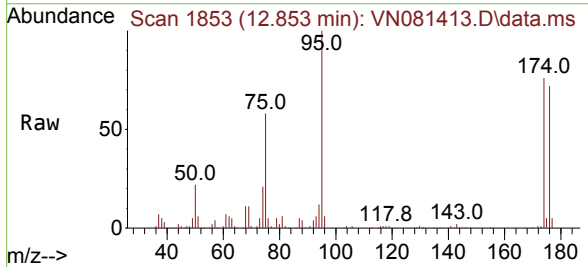
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-DUP

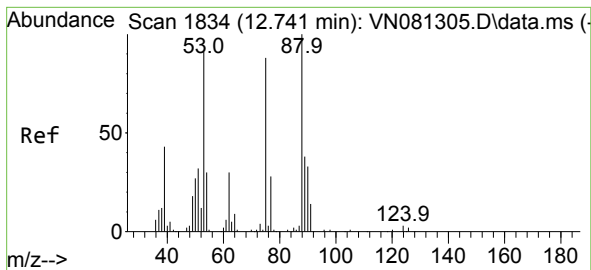
Tgt Ion:152 Resp: 179160
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 154.7 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.463 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081413.D
 Acq: 14 Mar 2024 16:29

Tgt Ion: 75 Resp: 111983
 Ion Ratio Lower Upper
 75 100
 77 1.8 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.853 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081413.D
 Acq: 14 Mar 2024 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-DUP

Tgt Ion: 75 Resp: 111983
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.1 33.4 50.0#

