

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081419.D
 Acq On : 14 Mar 2024 18:53
 Operator : JC\MD
 Sample : P1749-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Mar 15 01:17:06 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)

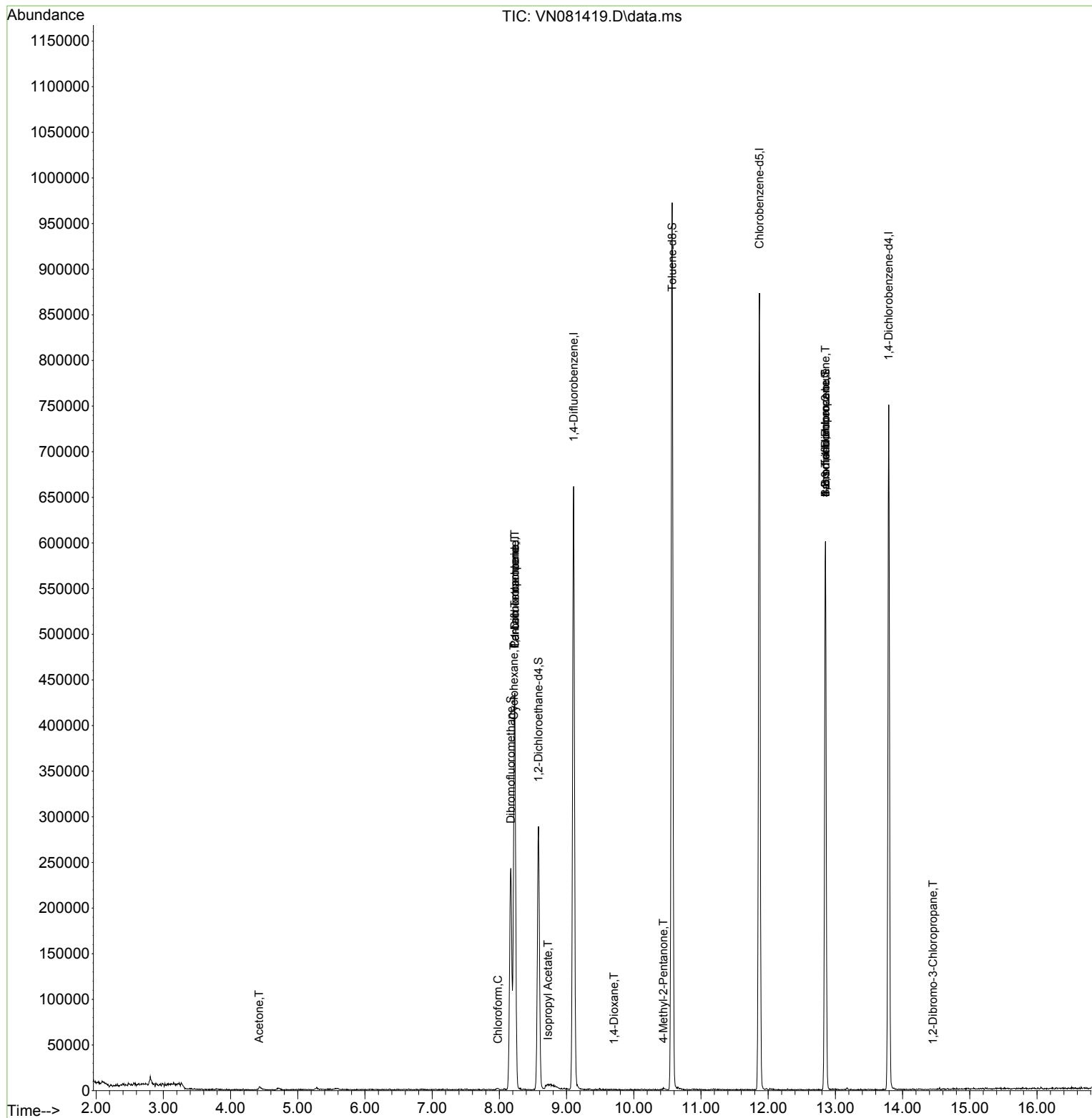
Internal Standards						
1) Pentafluorobenzene	8.230	168	290004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	474705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228497	54.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.980%	
35) Dibromofluoromethane	8.171	113	176030	52.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.880%	
50) Toluene-d8	10.571	98	660478	53.140	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.853	95	205011	46.668	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	2790	1.878	ug/l #	79
20) Methylene Chloride	5.277	84	1080	Below Cal	#	37
30) Chloroform	7.977	83	1435	0.203	ug/l #	46
31) Cyclohexane	8.218	56	8356	1.316	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	29291	5.461	ug/l #	51
38) Carbon Tetrachloride	8.230	117	34211	6.337	ug/l #	18
43) Isopropyl Acetate	8.724	43	6231	0.679	ug/l #	57
49) 1,4-Dioxane	9.706	88	59	0.660	ug/l #	35
51) 4-Methyl-2-Pentanone	10.441	43	1443	0.271	ug/l	97
71) Bromoform	12.853	173	1526	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113667	26.121	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113667	72.898	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.453	75	232	0.236	ug/l #	13

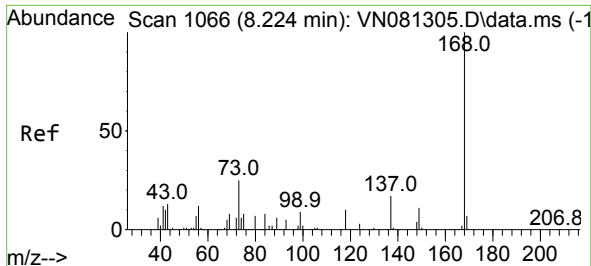
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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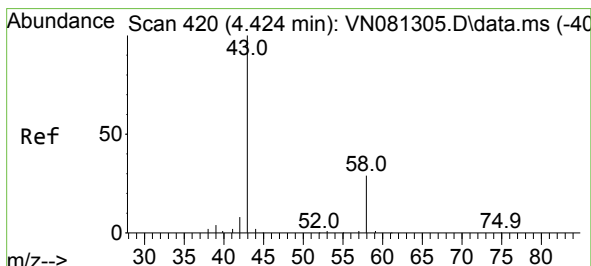
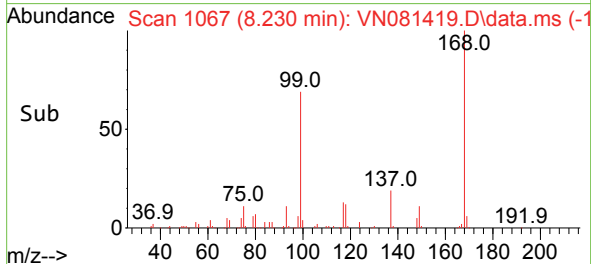
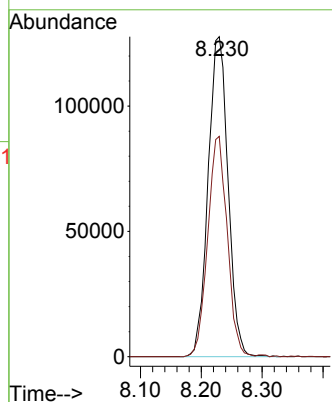
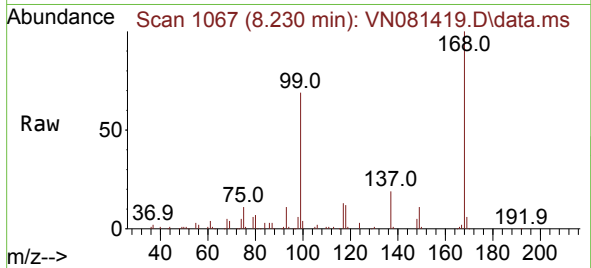




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

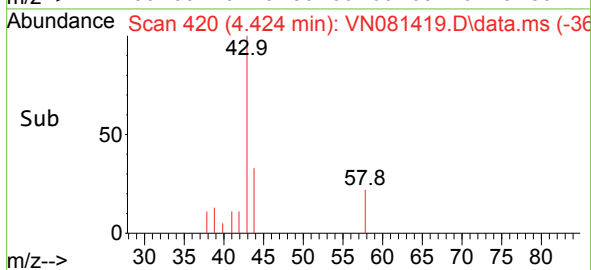
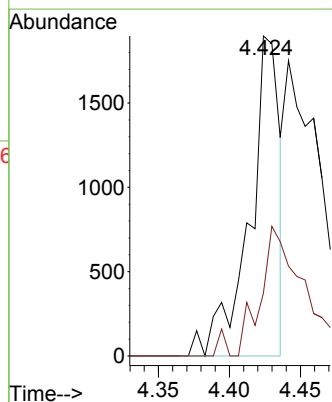
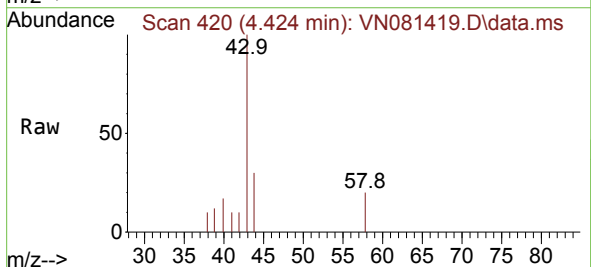
Instrument :
MSVOA_N
ClientSampleId :
MW-4

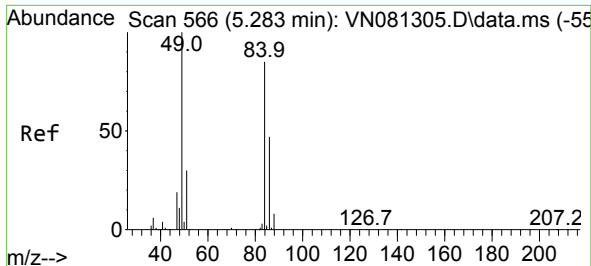
Tgt Ion:168 Resp: 290004
Ion Ratio Lower Upper
168 100
99 68.9 59.9 89.9



#16
Acetone
Concen: 1.878 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
58 19.6 24.8 37.2#

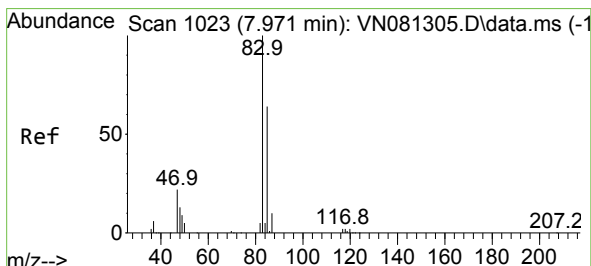
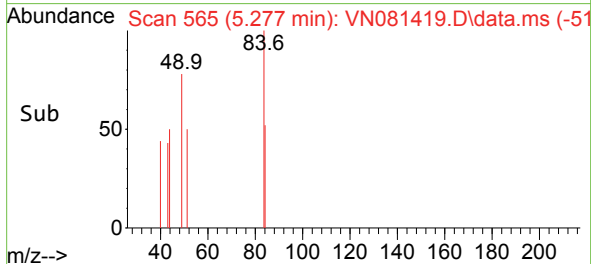
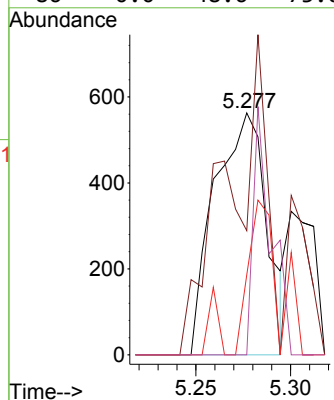
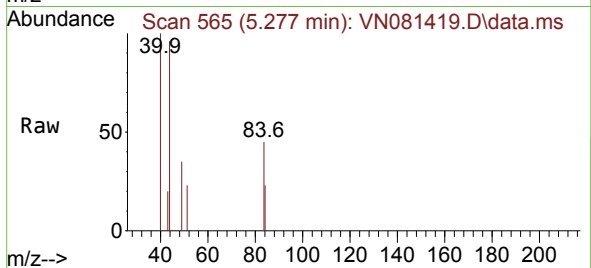




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

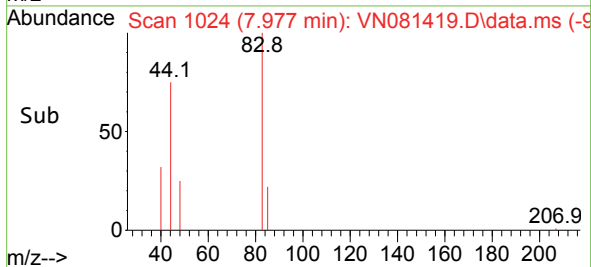
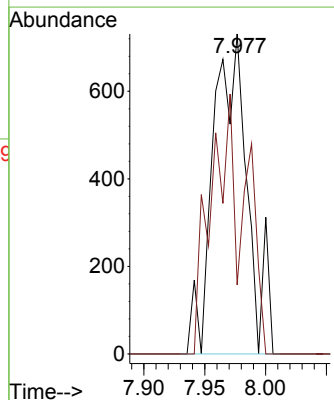
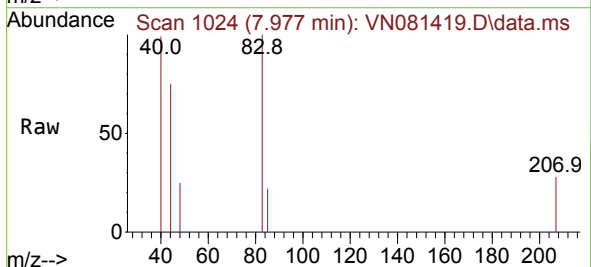
Instrument :
MSVOA_N
ClientSampleId :
MW-4

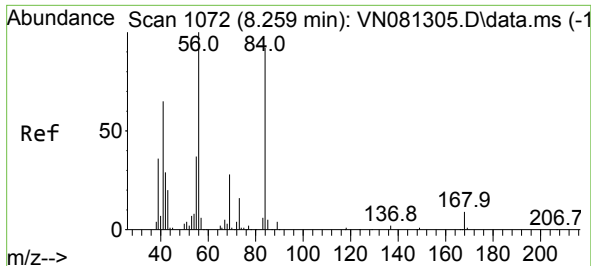
Tgt Ion: 84 Resp: 1080
Ion Ratio Lower Upper
84 100
49 51.3 108.1 162.1#
51 33.0 32.9 49.3
86 0.0 48.6 73.0#



#30
Chloroform
Concen: 0.203 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 83 Resp: 1435
Ion Ratio Lower Upper
83 100
85 21.6 51.0 76.6#

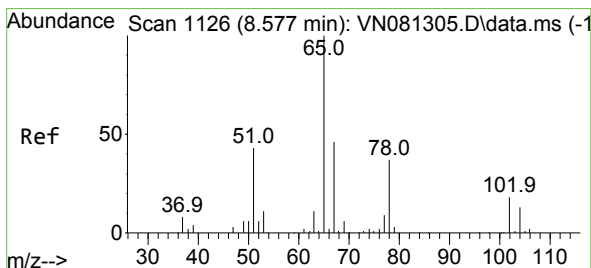
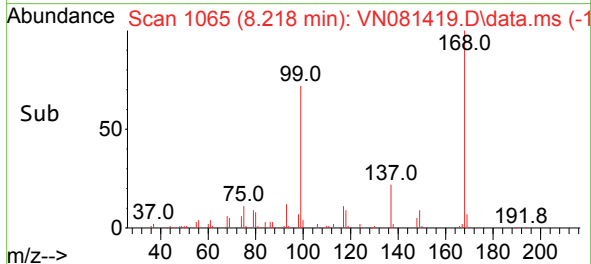
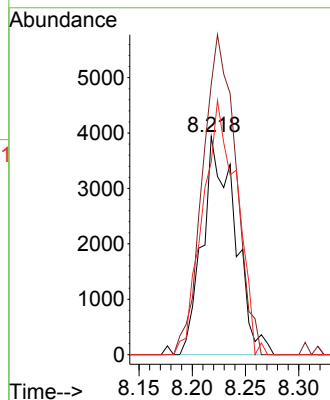
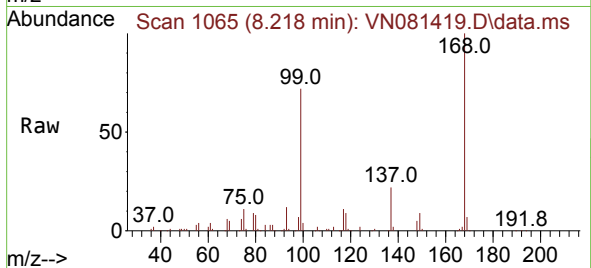




#31
Cyclohexane
Concen: 1.316 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

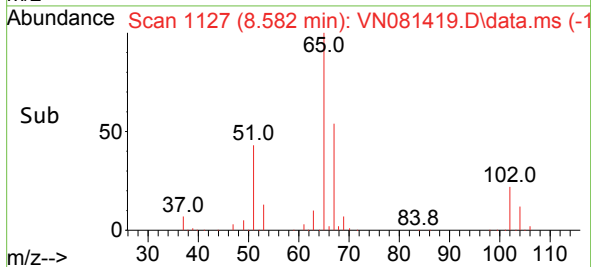
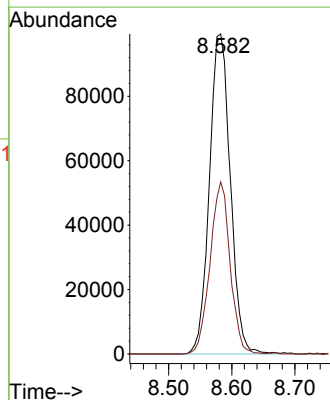
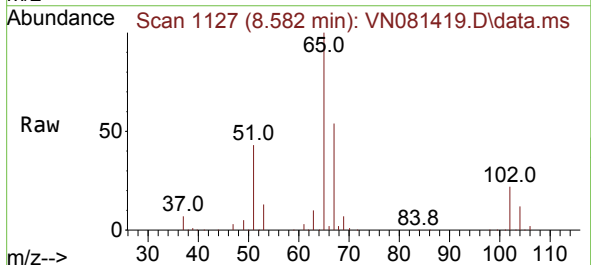
Instrument :
MSVOA_N
ClientSampleId :
MW-4

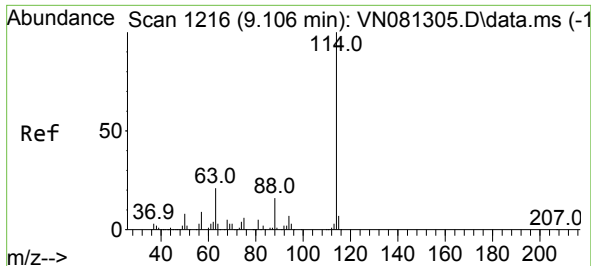
Tgt Ion: 56 Resp: 8356
Ion Ratio Lower Upper
56 100
69 124.0 20.1 30.1#
84 88.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.493 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 65 Resp: 228497
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

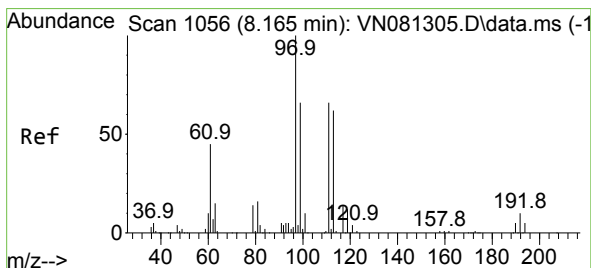
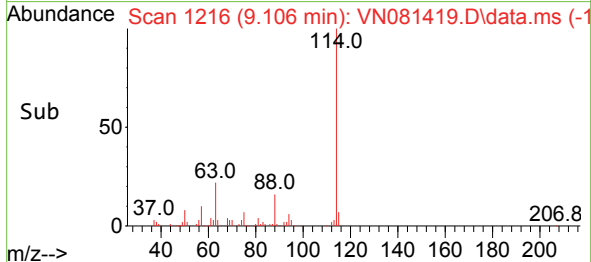
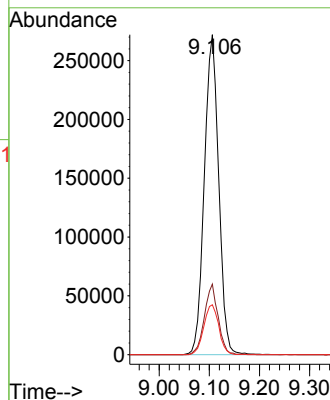
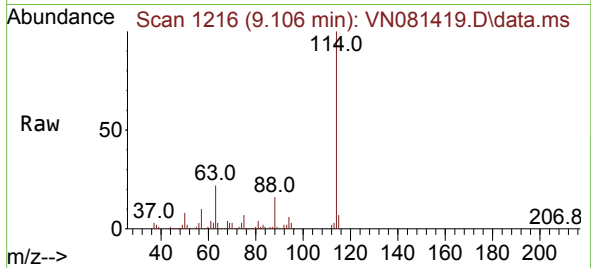




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

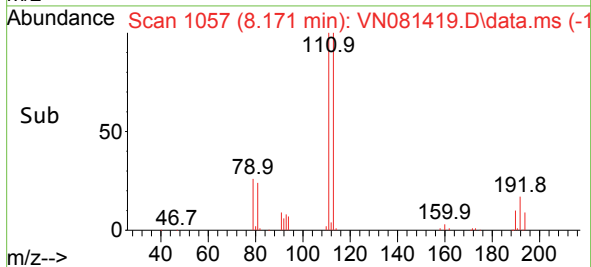
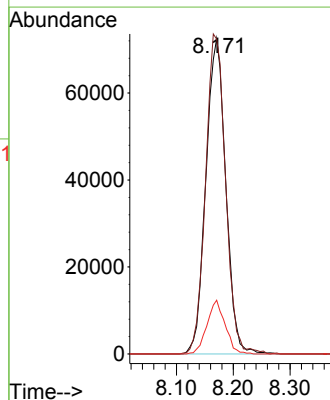
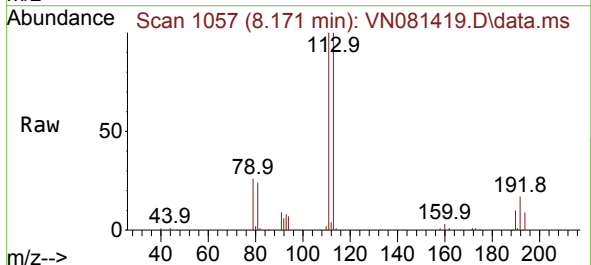
Instrument :
MSVOA_N
ClientSampleId :
MW-4

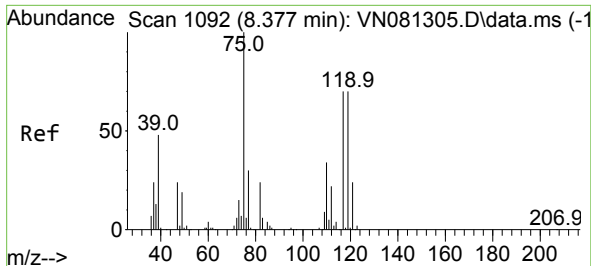
Tgt Ion:114 Resp: 542686
Ion Ratio Lower Upper
114 100
63 22.0 0.0 48.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.944 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion:113 Resp: 176030
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.6 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.461 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN081419.D

Acq: 14 Mar 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

MW-4

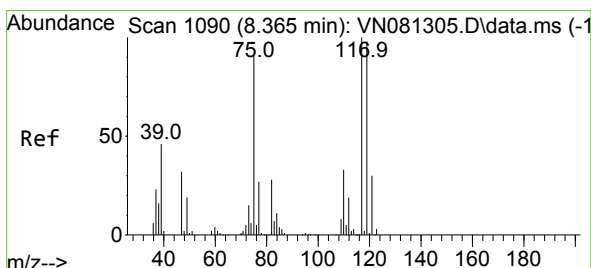
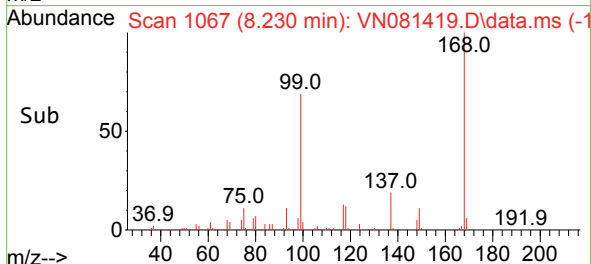
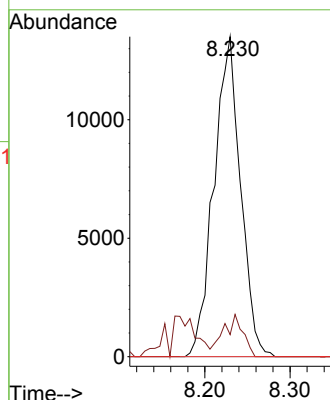
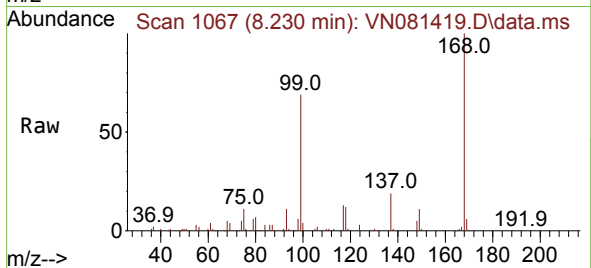
Tgt Ion: 75 Resp: 29291

Ion Ratio Lower Upper

75 100

110 9.7 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.337 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081419.D

Acq: 14 Mar 2024 18:53

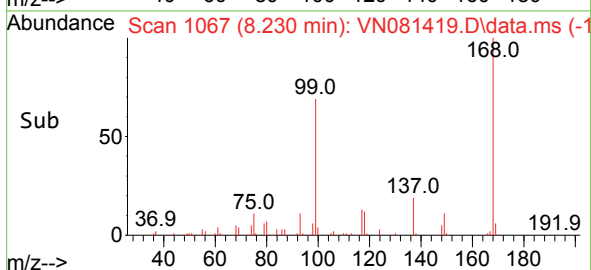
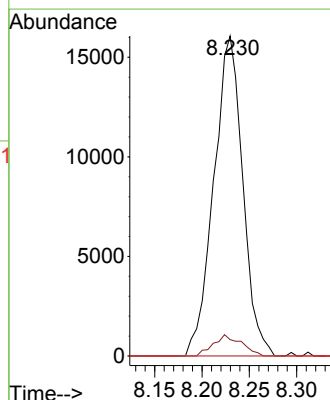
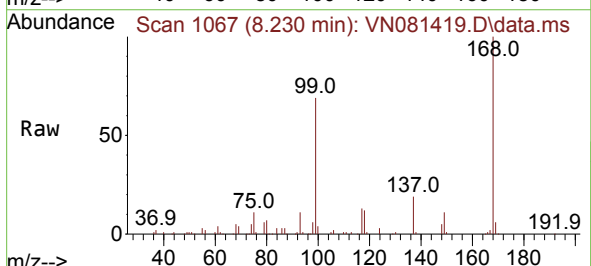
Tgt Ion: 117 Resp: 34211

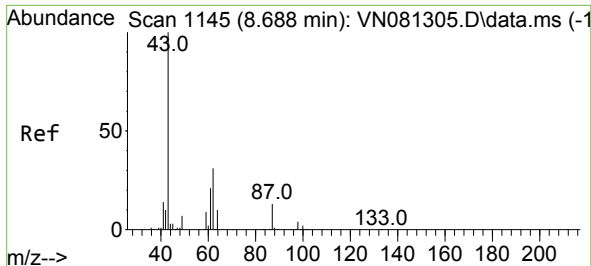
Ion Ratio Lower Upper

117 100

119 5.1 73.4 110.2#

121 0.0 24.4 36.6#

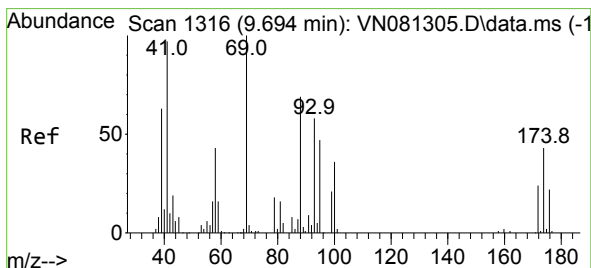
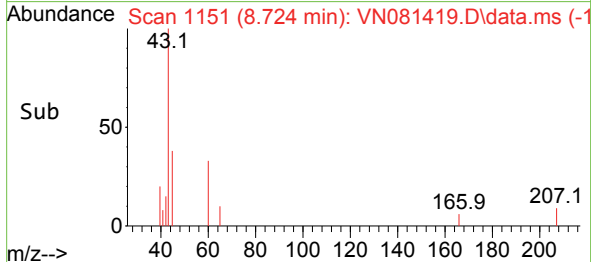
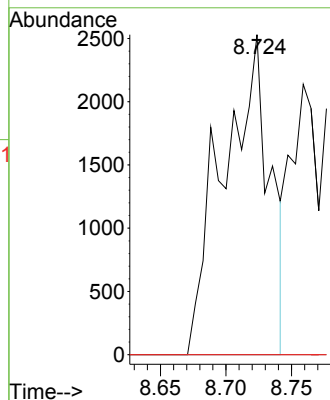
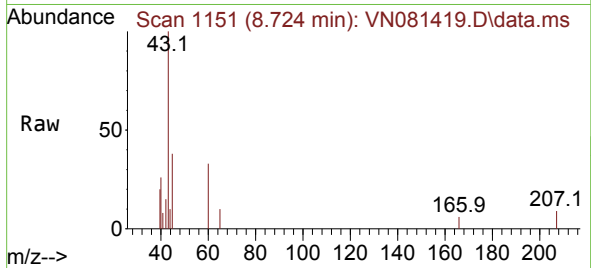




#43
Isopropyl Acetate
Concen: 0.679 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.035 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

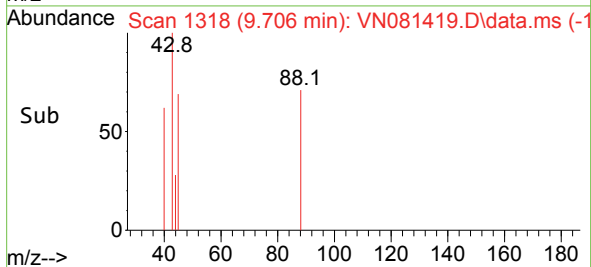
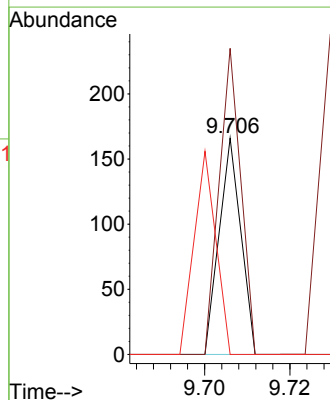
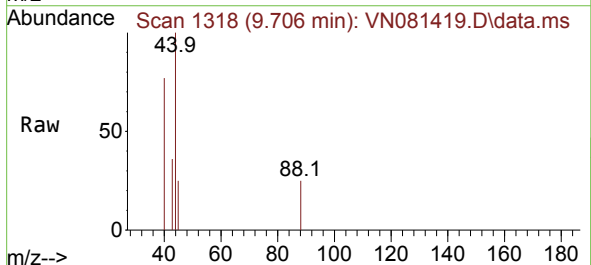
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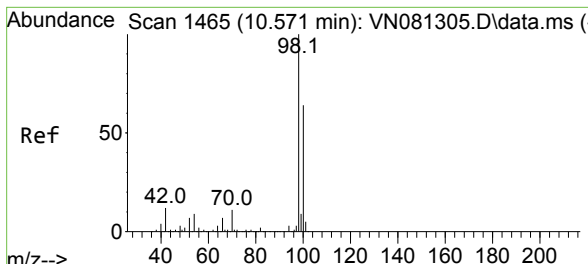
Tgt Ion: 43 Resp: 6231
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: 0.660 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 140.7 30.1 45.1#
58 93.2 63.9 95.9

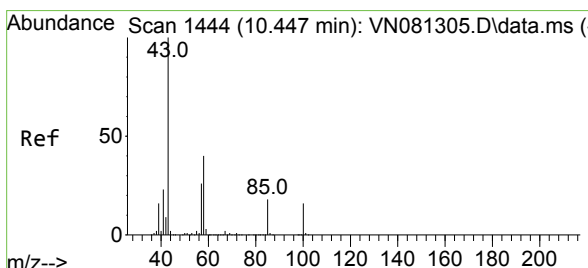
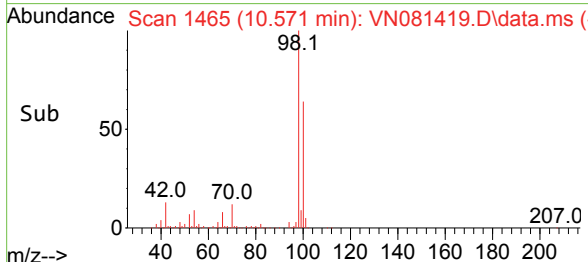
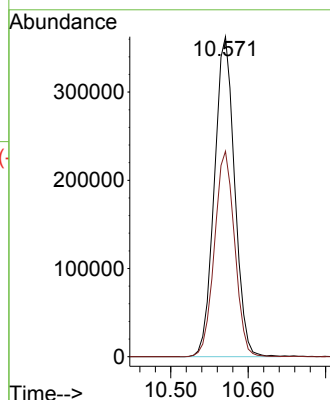
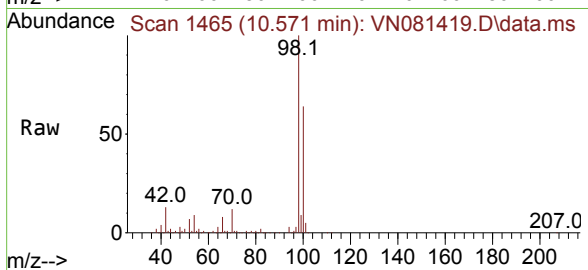




#50
Toluene-d8
Concen: 53.140 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

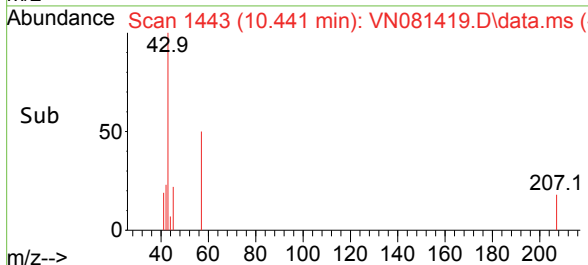
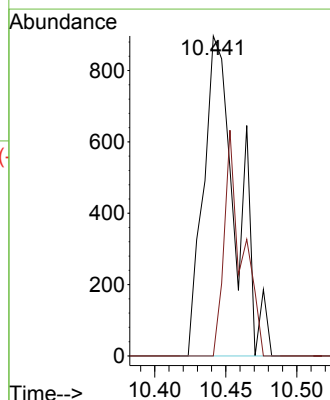
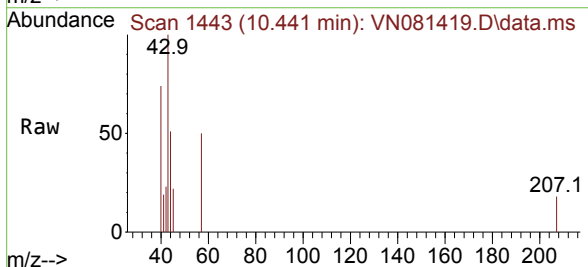
Instrument :
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ClientSampleId :
MW-4

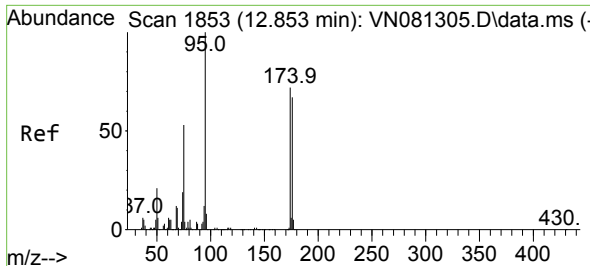
Tgt Ion: 98 Resp: 660478
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.0

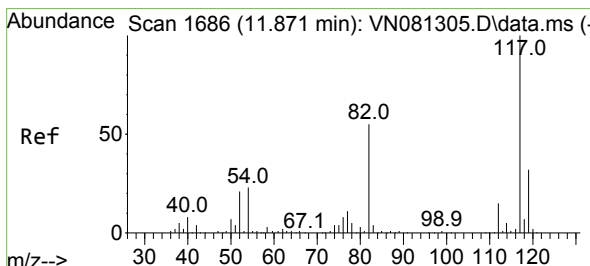
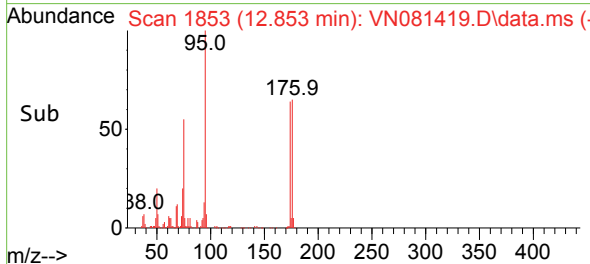
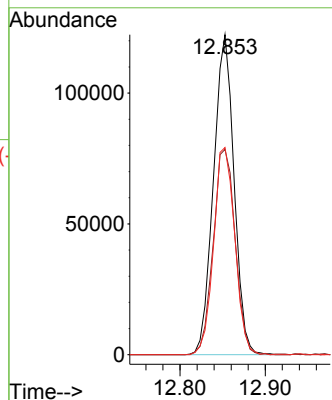
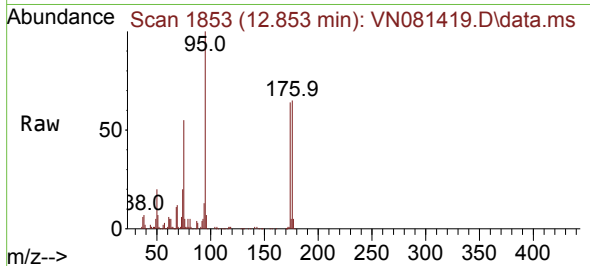




#62
4-Bromofluorobenzene
Concen: 46.668 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

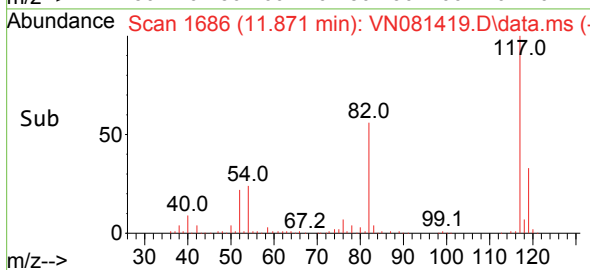
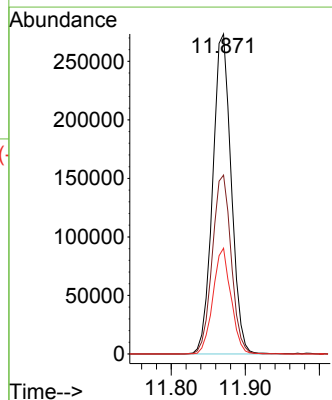
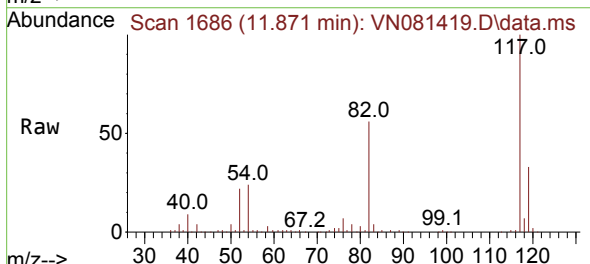
Instrument :
MSVOA_N
ClientSampleId :
MW-4

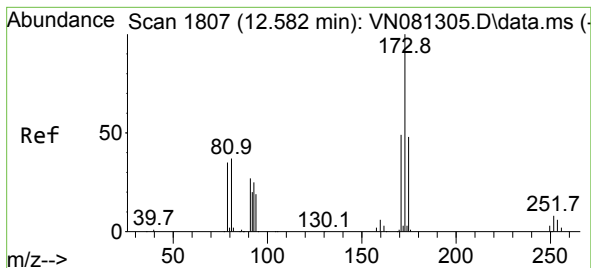
Tgt Ion: 95 Resp: 205011
Ion Ratio Lower Upper
95 100
174 68.4 0.0 120.4
176 66.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 117 Resp: 474705
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 33.0 25.3 37.9





#71

Bromoform

Concen: 0.600 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN081419.D

Acq: 14 Mar 2024 18:53

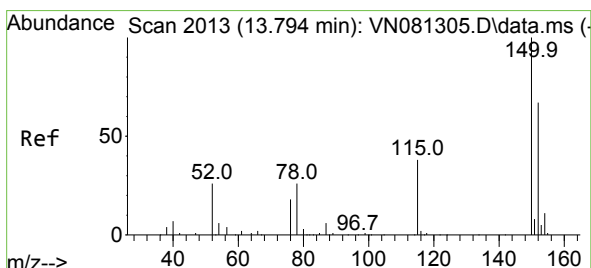
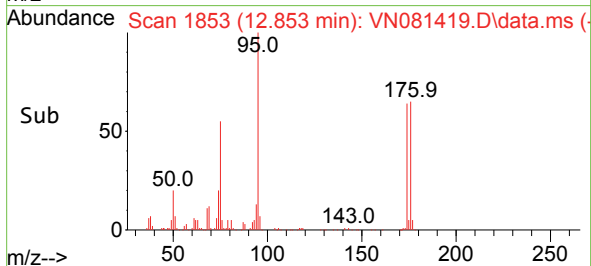
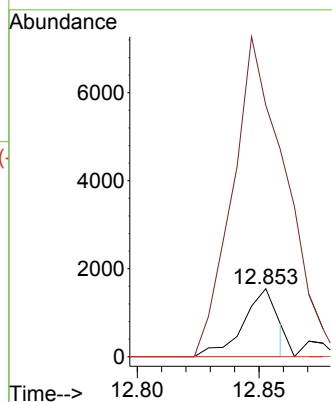
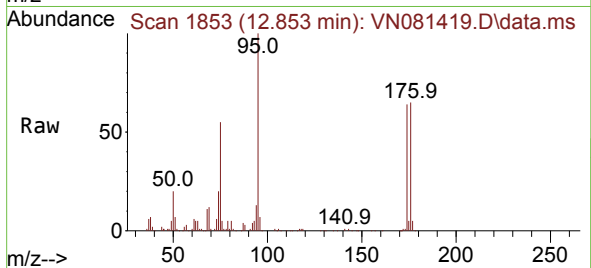
Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tgt Ion:	173	Resp:	1526
Ion Ratio	Lower	Upper	
173	100		
175	591.1	23.1	69.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

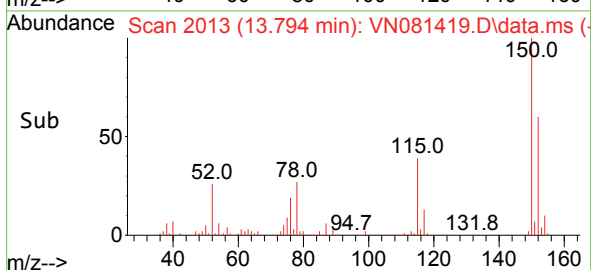
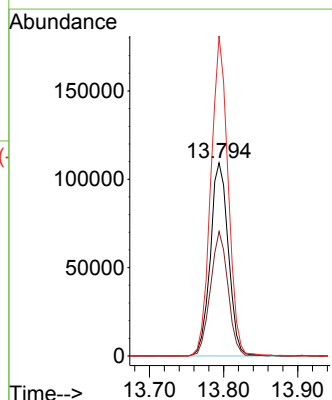
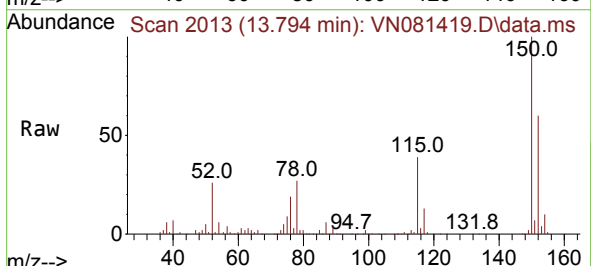
RT: 13.794 min Scan# 2013

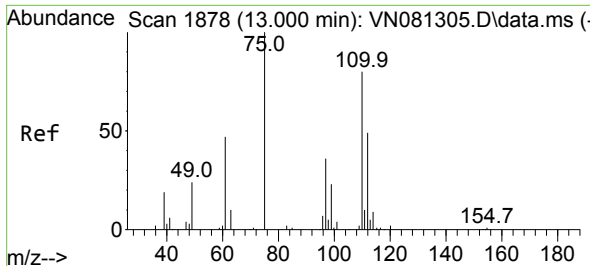
Delta R.T. 0.000 min

Lab File: VN081419.D

Acq: 14 Mar 2024 18:53

Tgt Ion:	152	Resp:	184237
Ion Ratio	Lower	Upper	
152	100		
115	63.0	32.3	96.8
150	158.6	0.0	339.8

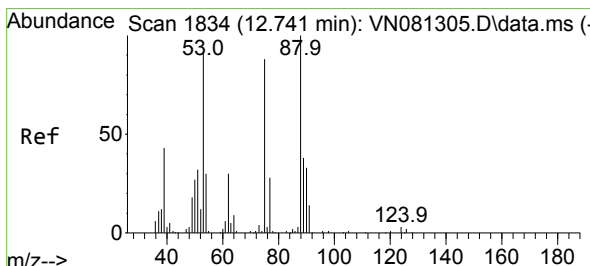
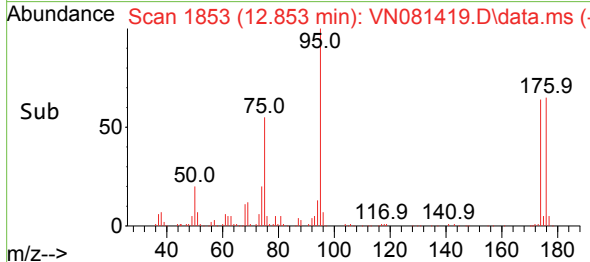
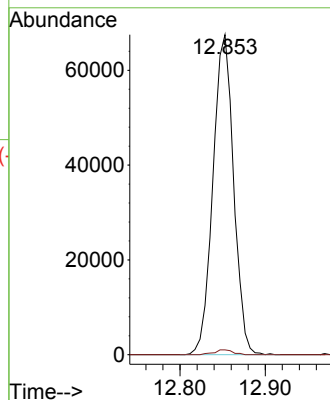
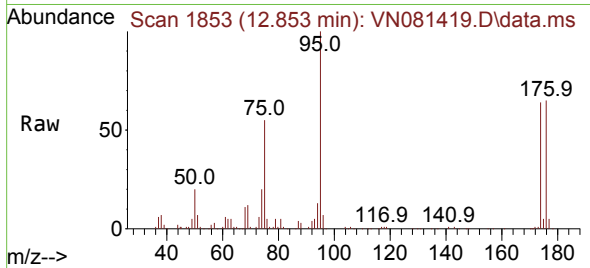




#76
1,2,3-Trichloropropane
Concen: 26.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

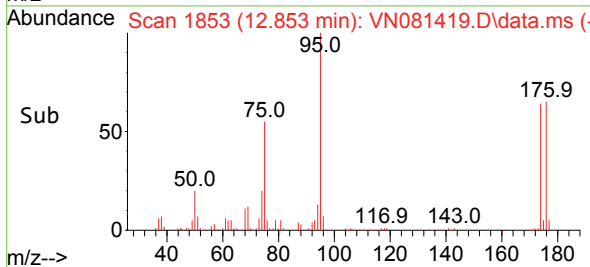
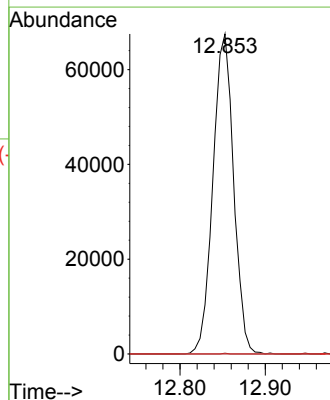
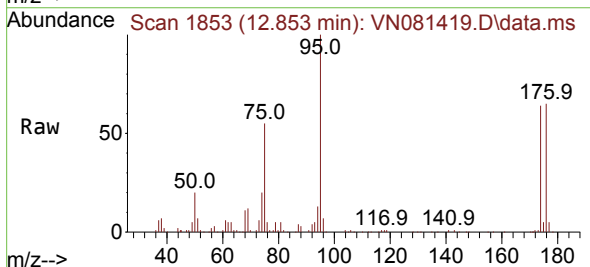
Instrument :
MSVOA_N
ClientSampleId :
MW-4

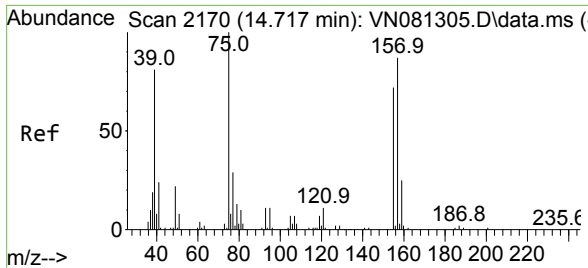
Tgt Ion: 75 Resp: 113667
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.898 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081419.D
Acq: 14 Mar 2024 18:53

Tgt Ion: 75 Resp: 113667
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.236 ug/l
 RT: 14.453 min Scan# 2170
 Delta R.T. -0.265 min
 Lab File: VN081419.D
 Acq: 14 Mar 2024 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tgt Ion: 75 Resp: 232
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.8 95.4#
 157 0.0 41.1 123.4#

