

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082193.D
 Acq On : 17 May 2024 20:58
 Operator : JC\MD
 Sample : P2480-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-MH-JJ

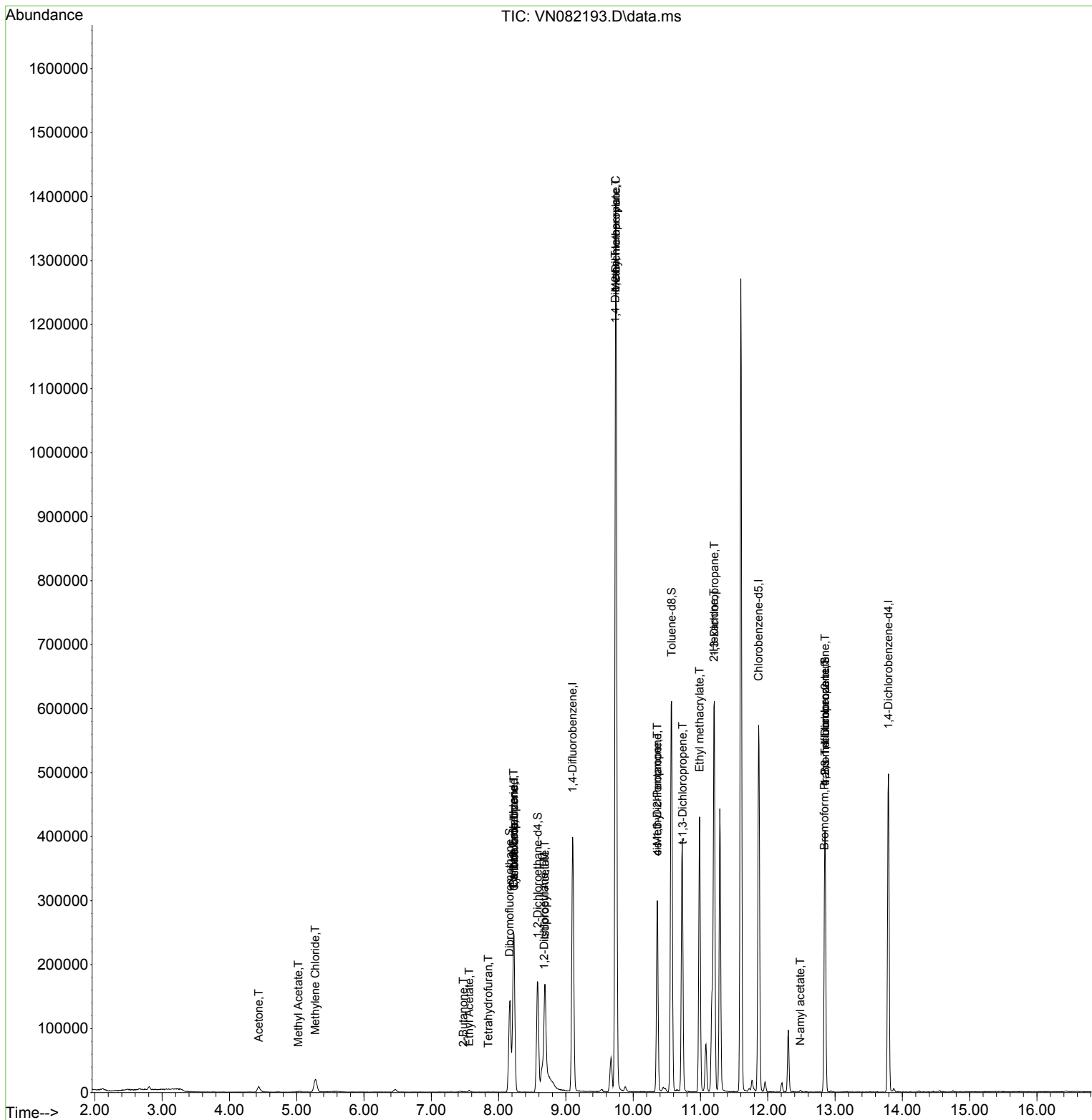
Quant Time: May 17 23:17:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

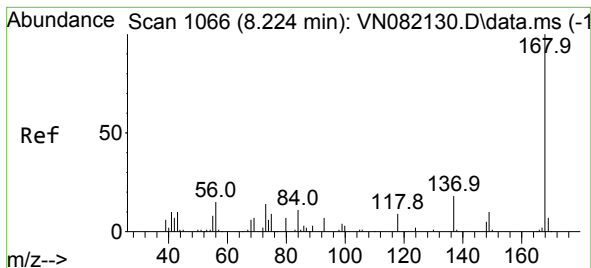
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	174628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142512	51.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.360%	
35) Dibromofluoromethane	8.165	113	100079	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	10.571	98	403126	54.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.853	95	134728	51.068	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	17379	15.364	ug/l	90
18) Methyl Acetate	5.024	43	1248	0.443	ug/l #	58
20) Methylene Chloride	5.277	84	14593	6.394	ug/l #	80
25) 2-Butanone	7.477	43	593	0.346	ug/l #	43
29) Tetrahydrofuran	7.847	42	289	0.262	ug/l #	29
31) Cyclohexane	8.230	56	5155	1.171	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	16026	4.956	ug/l #	50
37) Ethyl Acetate	7.565	43	4184	1.156	ug/l #	77
38) Carbon Tetrachloride	8.224	117	18206	5.554	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	949	0.256	ug/l #	73
43) Isopropyl Acetate	8.688	43	257980	40.235	ug/l #	70
45) 1,2-Dichloropropane	9.741	63	1533	0.616	ug/l #	45
48) Methyl methacrylate	9.741	41	141615	46.351	ug/l #	37
49) 1,4-Dioxane	9.735	88	53	1.238	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	119263	32.737	ug/l #	42
53) t-1,3-Dichloropropene	10.735	75	766	0.215	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	44508	11.791	ug/l #	75
56) Ethyl methacrylate	10.988	69	1406	0.394	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5597	1.424	ug/l #	42
59) 2-Hexanone	11.200	43	91684	34.371	ug/l #	47
71) Bromoform	12.841	173	968	1.258	ug/l #	28
74) N-amyl acetate	12.482	43	2128	0.398	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	78869	30.600	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	78869	71.572	ug/l #	12

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

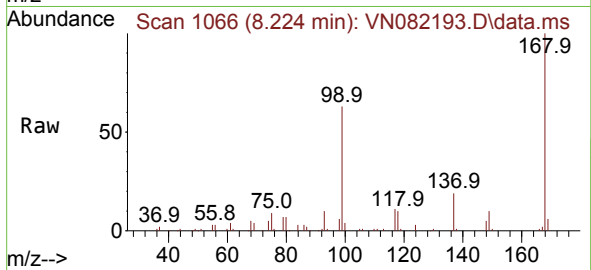
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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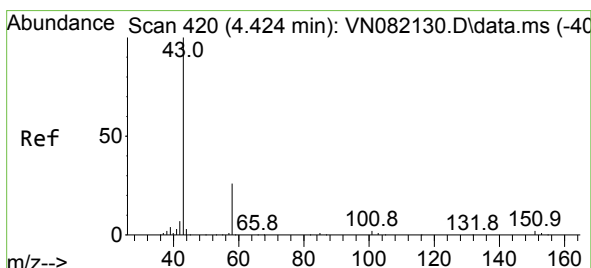
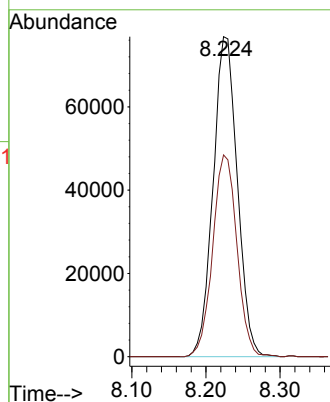
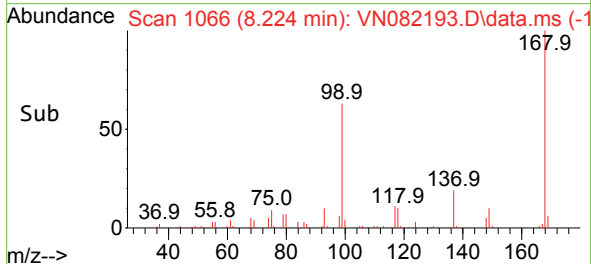


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

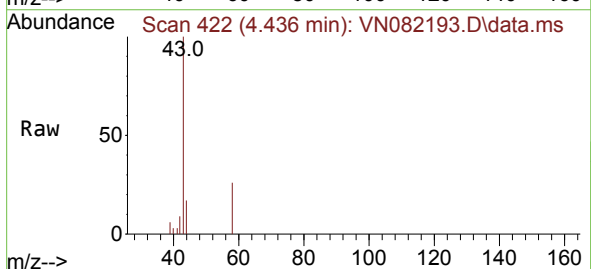
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ



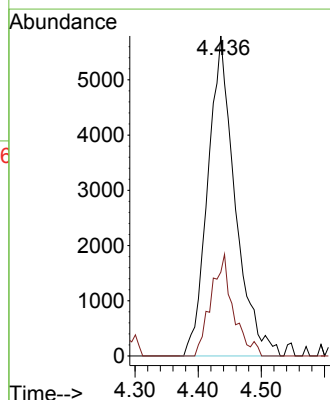
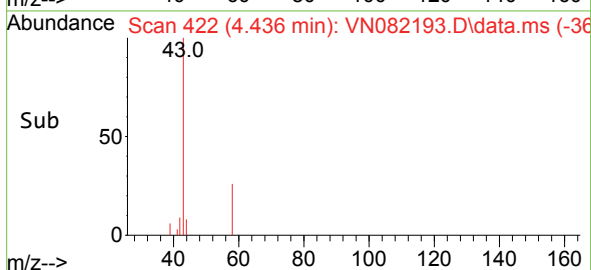
Tgt Ion:168 Resp: 174628
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4

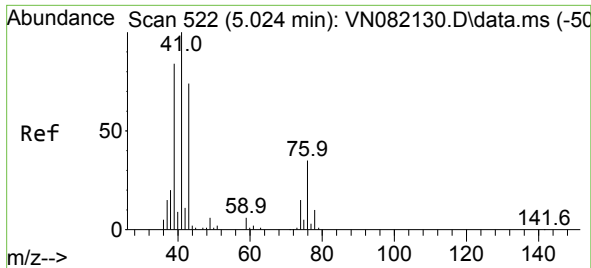


#16
Acetone
Concen: 15.364 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58



Tgt Ion: 43 Resp: 17379
Ion Ratio Lower Upper
43 100
58 26.2 25.2 37.8

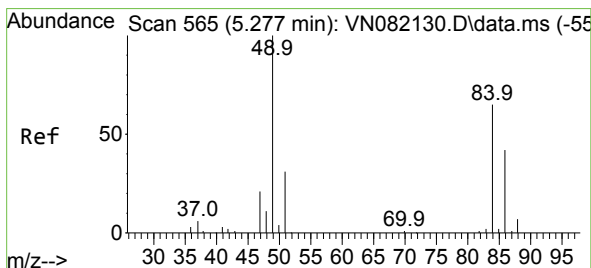
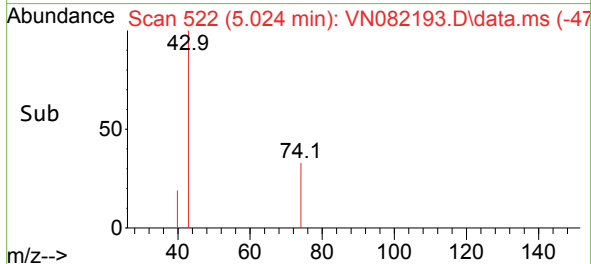
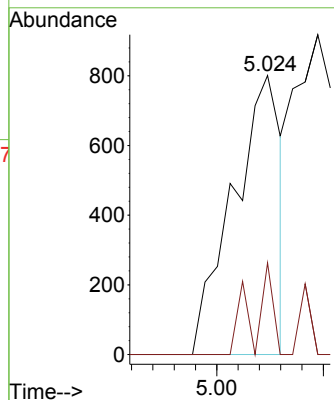
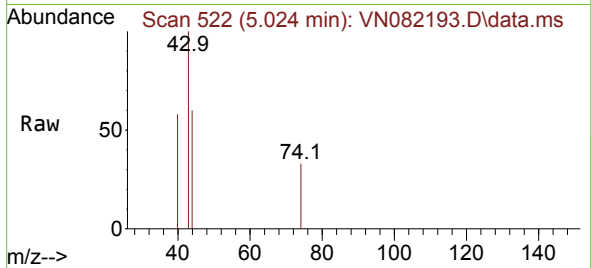




#18
Methyl Acetate
Concen: 0.443 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

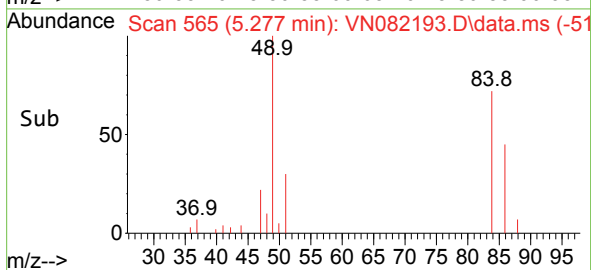
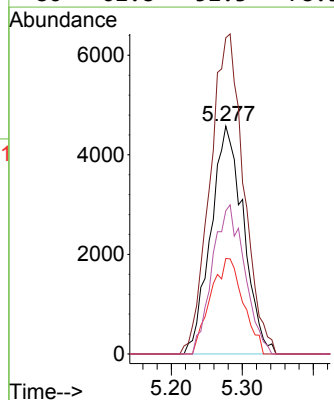
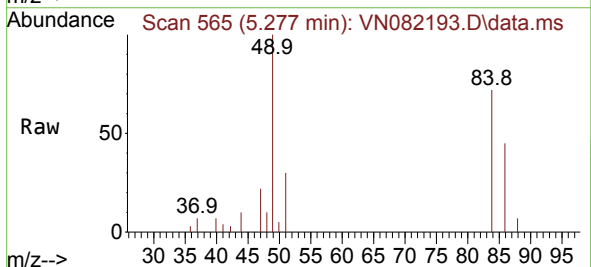
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

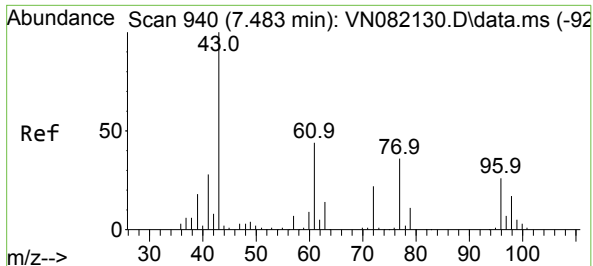
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 5.9 22.2 33.2#



#20
Methylene Chloride
Concen: 6.394 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 84 Resp: 14593
Ion Ratio Lower Upper
84 100
49 138.8 84.9 127.3#
51 41.9 27.0 40.6#
86 62.8 52.3 78.5





#25

2-Butanone

Concen: 0.346 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082193.D

Acq: 17 May 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

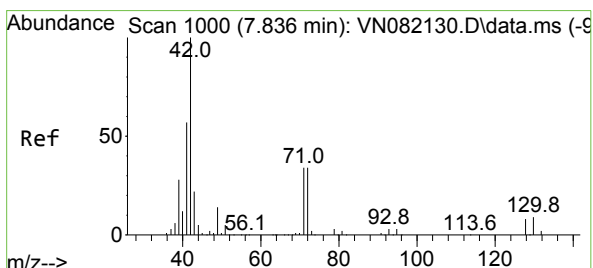
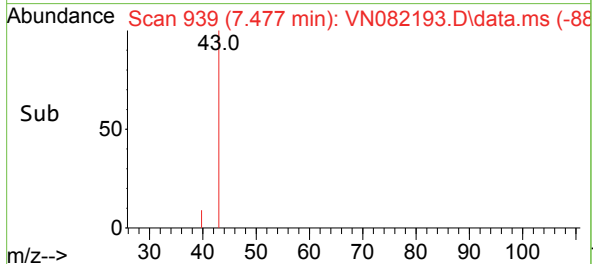
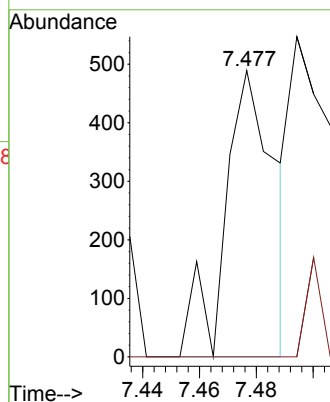
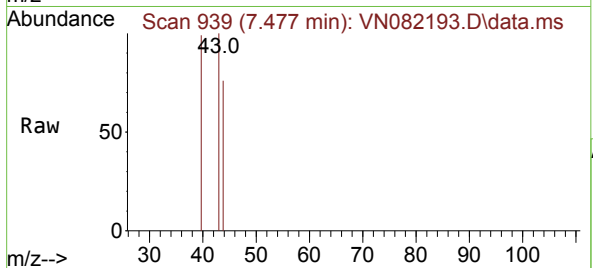
WC-MH-JJ

Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#



#29

Tetrahydrofuran

Concen: 0.262 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.011 min

Lab File: VN082193.D

Acq: 17 May 2024 20:58

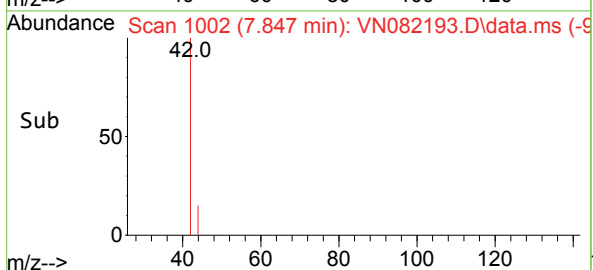
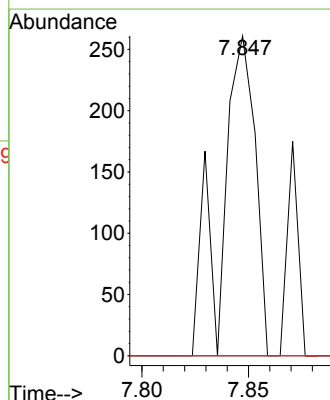
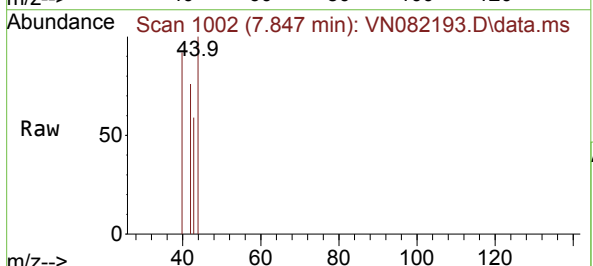
Tgt Ion: 42 Resp: 289

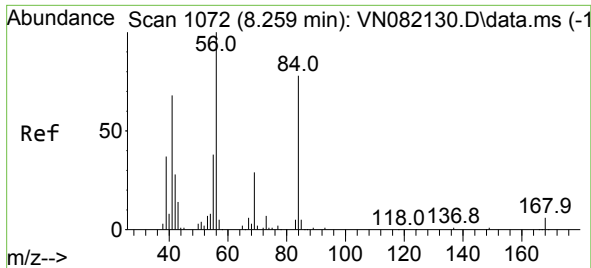
Ion Ratio Lower Upper

42 100

72 0.0 39.3 58.9#

71 0.0 37.4 56.0#

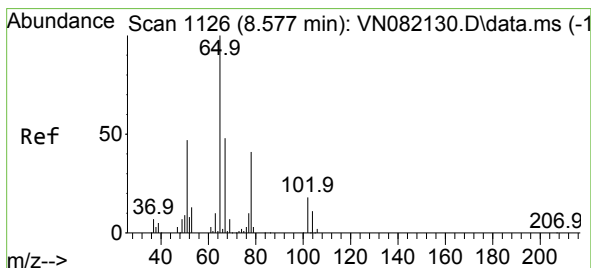
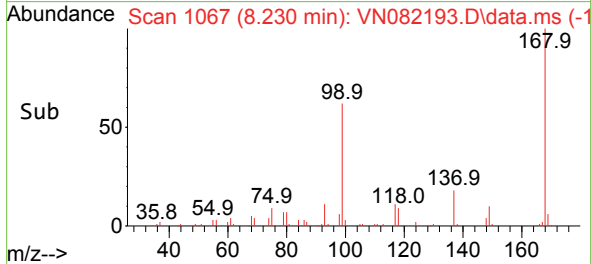
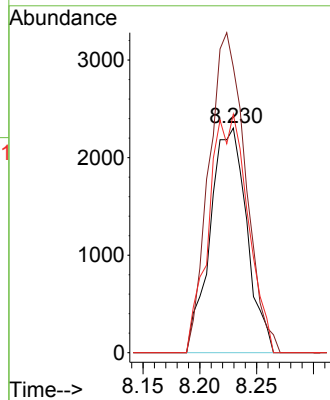
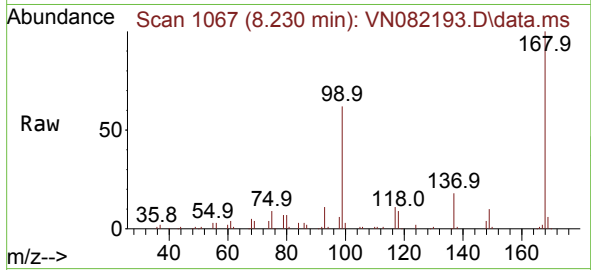




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

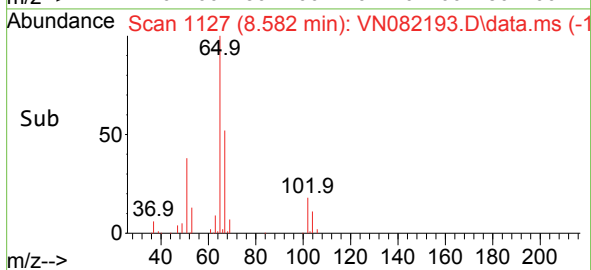
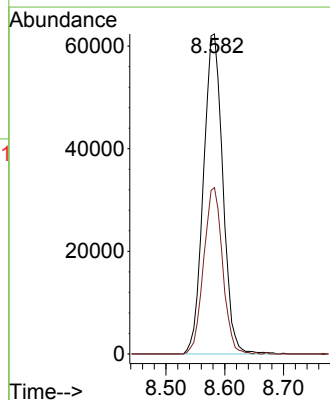
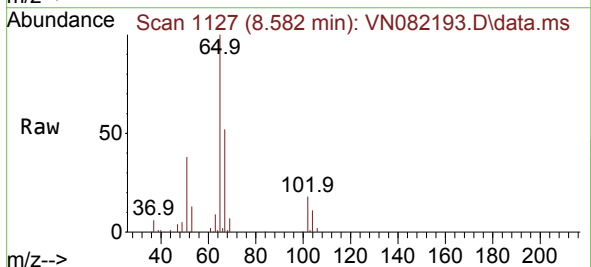
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

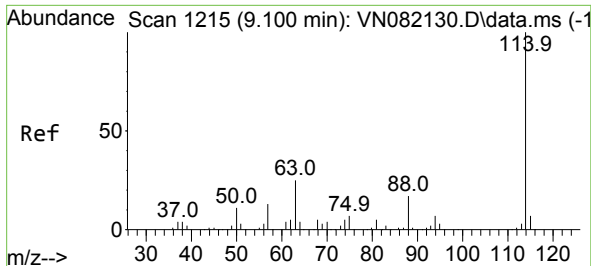
Tgt Ion: 56 Resp: 5155
Ion Ratio Lower Upper
56 100
69 127.1 24.4 36.6#
84 106.2 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 65 Resp: 142512
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

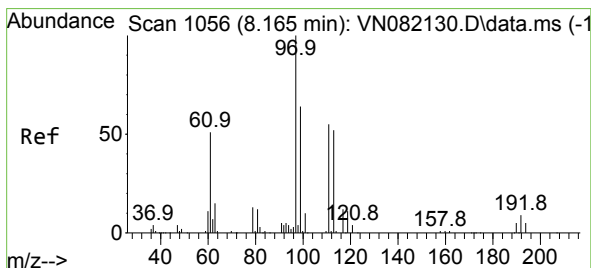
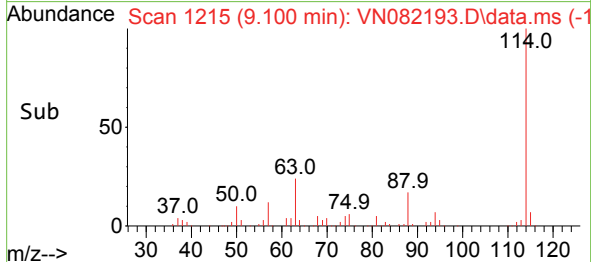
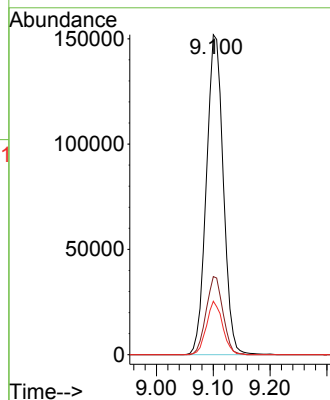
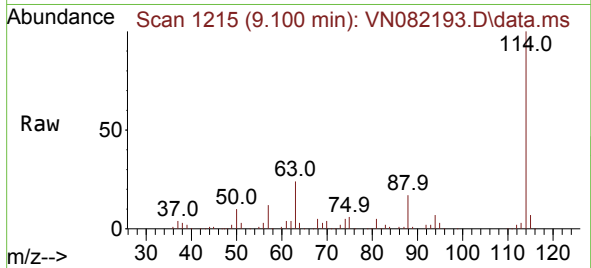




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

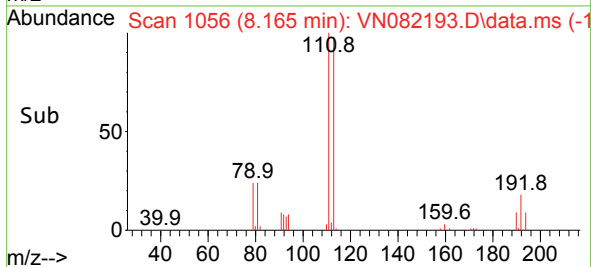
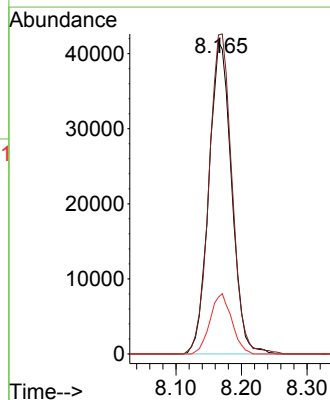
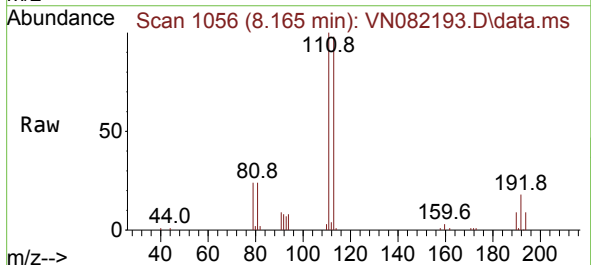
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ClientSampleId :
WC-MH-JJ

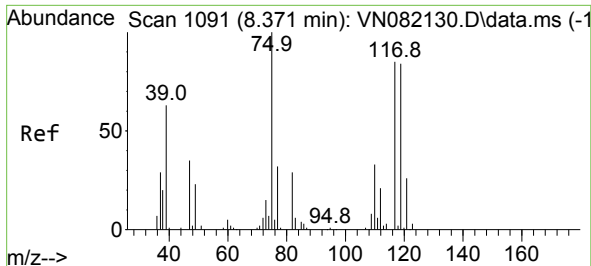
Tgt Ion:114 Resp: 313403
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion:113 Resp: 100079
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.4 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.956 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082193.D

Acq: 17 May 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

WC-MH-JJ

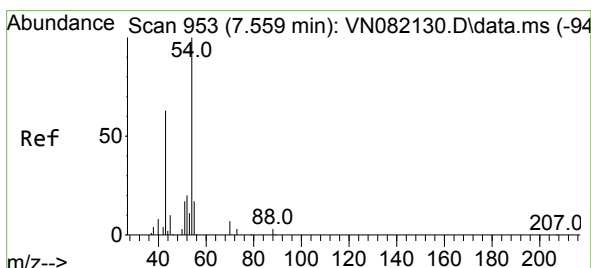
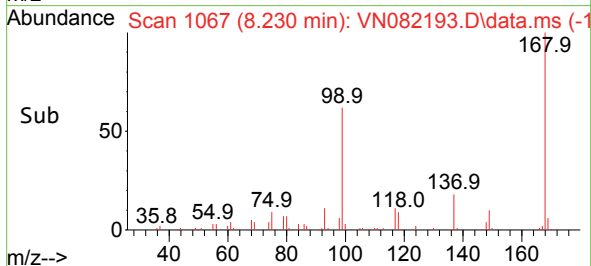
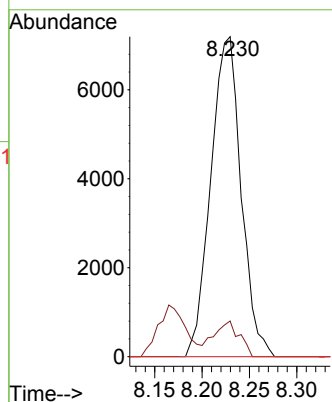
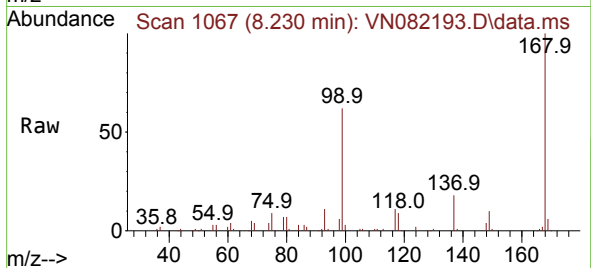
Tgt Ion: 75 Resp: 16026

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.156 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN082193.D

Acq: 17 May 2024 20:58

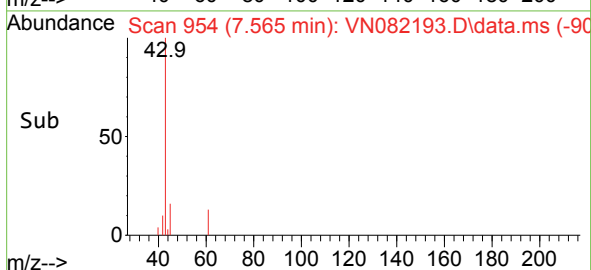
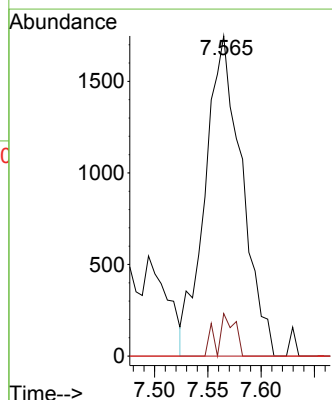
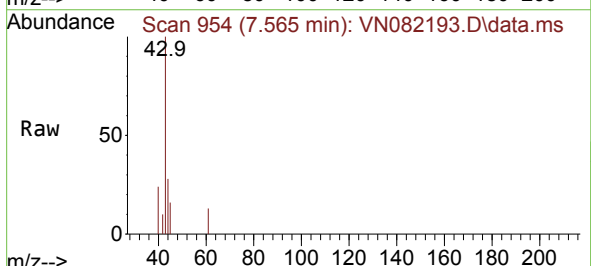
Tgt Ion: 43 Resp: 4184

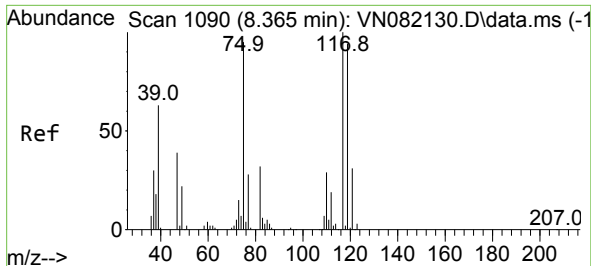
Ion Ratio Lower Upper

43 100

61 6.4 11.3 16.9#

70 0.0 8.7 13.1#

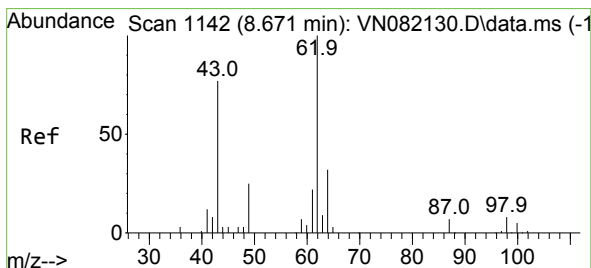
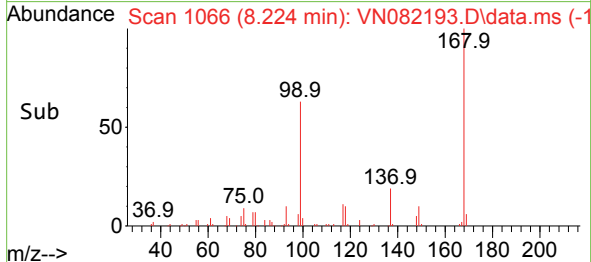
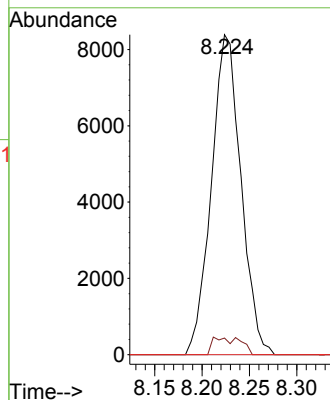
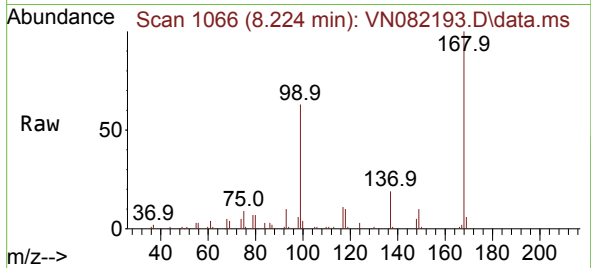




#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

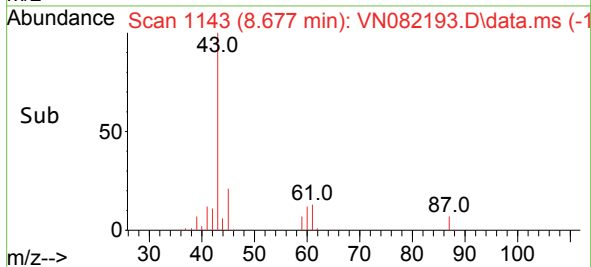
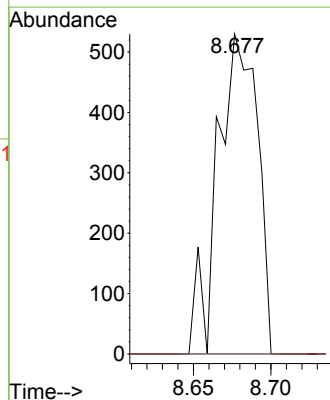
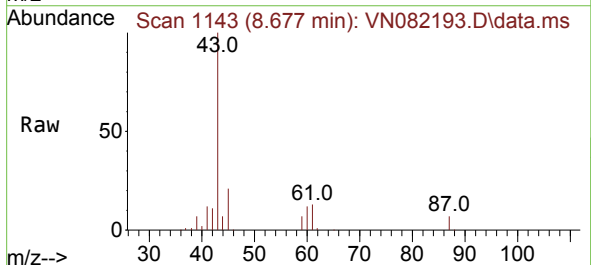
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

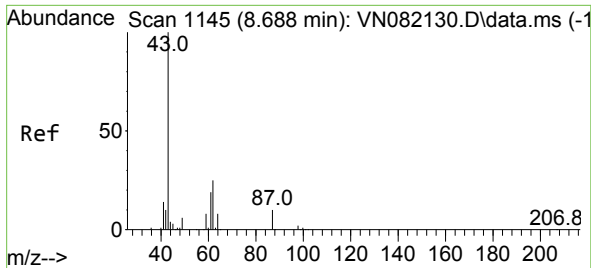
Tgt Ion:117 Resp: 18206
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.256 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 62 Resp: 949
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6

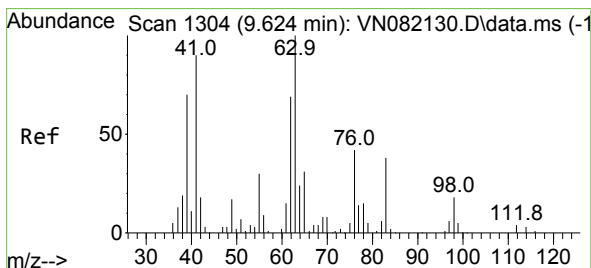
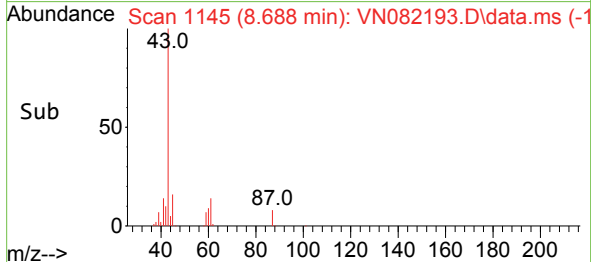
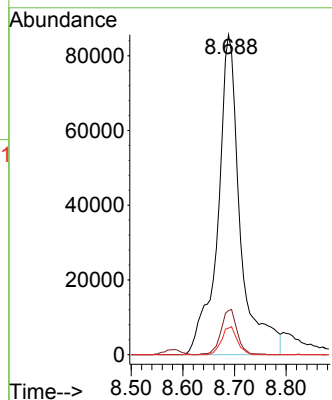
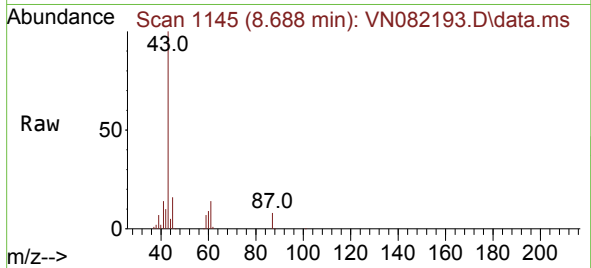




#43
Isopropyl Acetate
Concen: 40.235 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

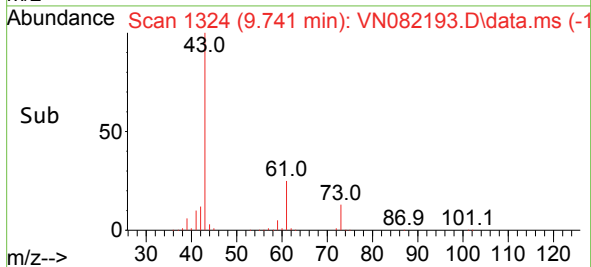
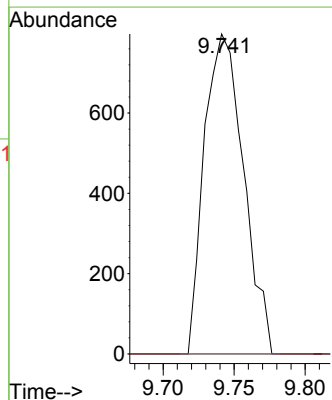
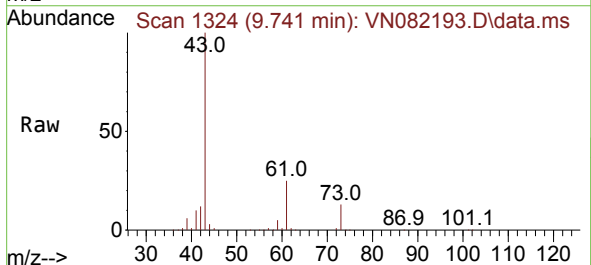
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

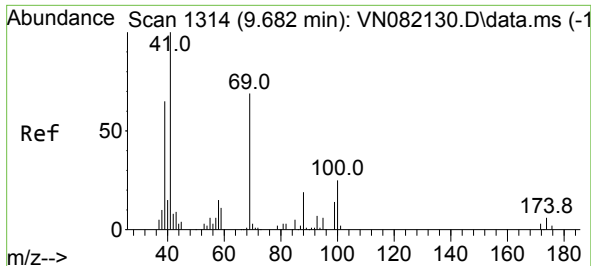
Tgt Ion: 43 Resp: 257980
Ion Ratio Lower Upper
43 100
61 10.2 22.8 34.2#
87 6.1 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.616 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 63 Resp: 1533
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

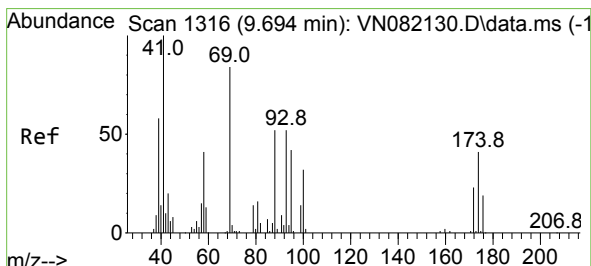
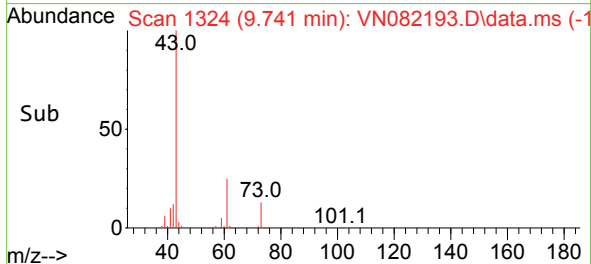
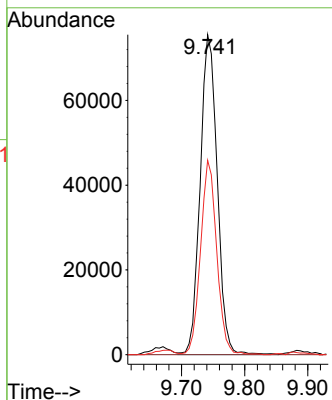
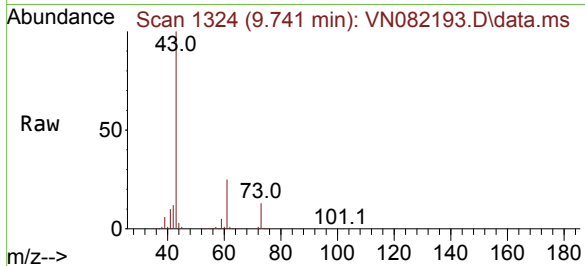




#48
Methyl methacrylate
Concen: 46.351 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

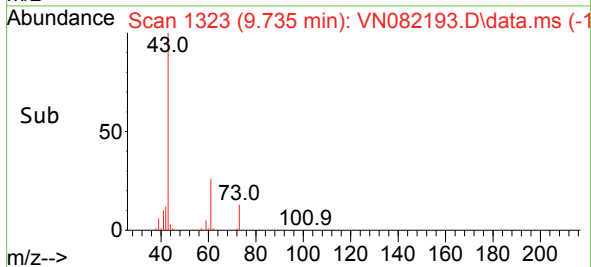
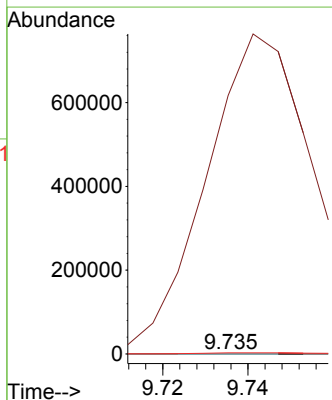
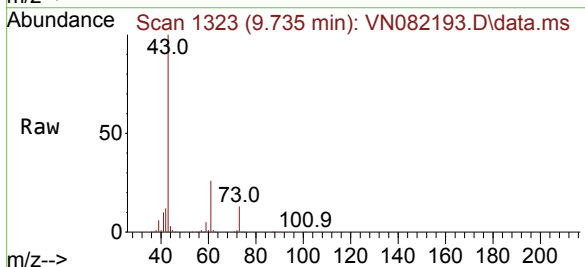
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

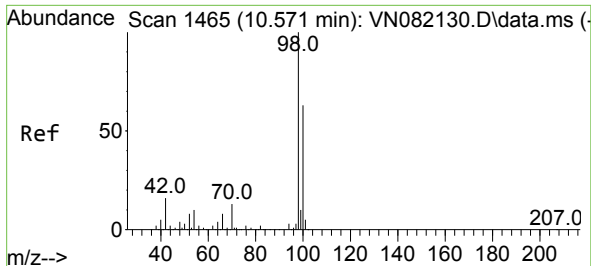
Tgt Ion: 41 Resp: 141615
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 57.8 50.9 76.3



#49
1,4-Dioxane
Concen: 1.238 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 2585226.4 19.0 28.6#
58 10560.4 50.6 76.0#

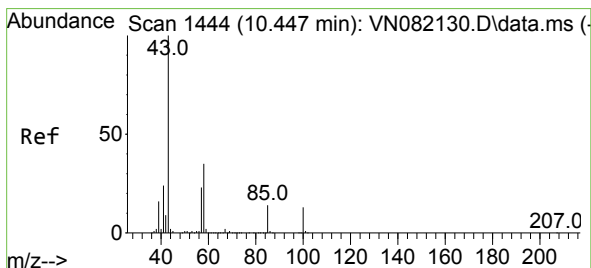
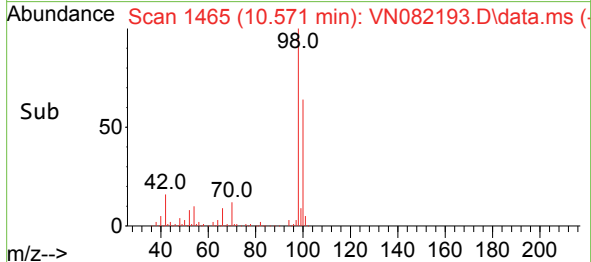
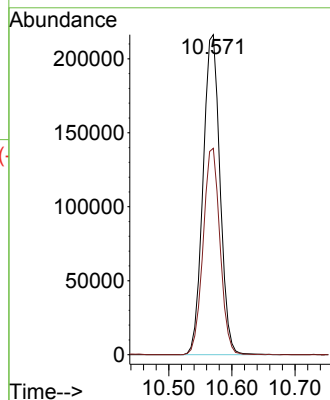
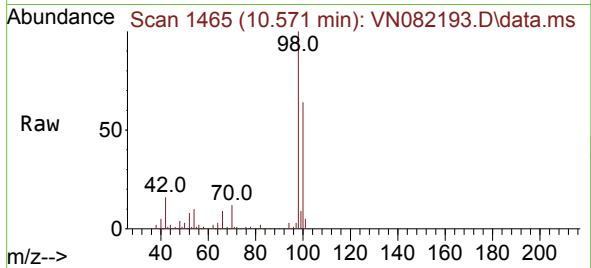




#50
Toluene-d8
Concen: 54.539 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

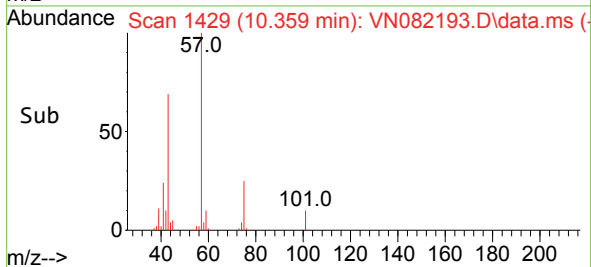
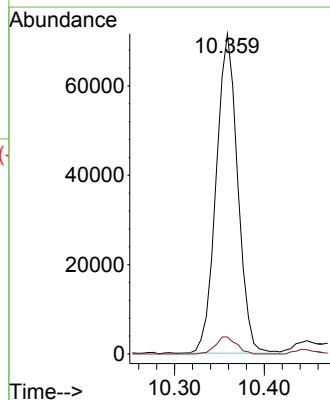
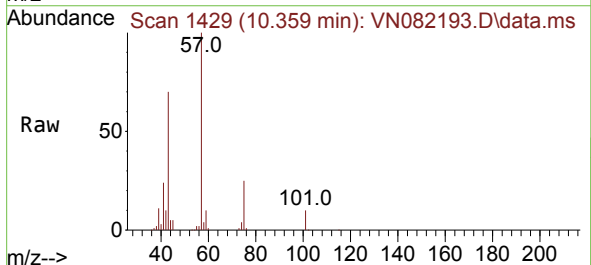
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

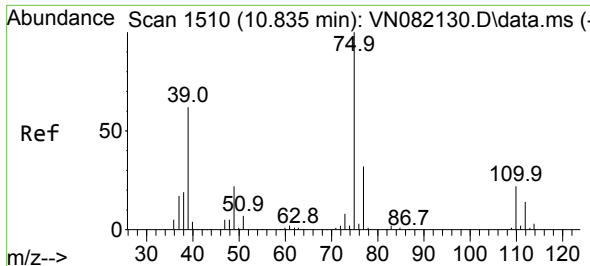
Tgt Ion: 98 Resp: 403126
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.737 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 43 Resp: 119263
Ion Ratio Lower Upper
43 100
58 5.2 33.2 49.8#

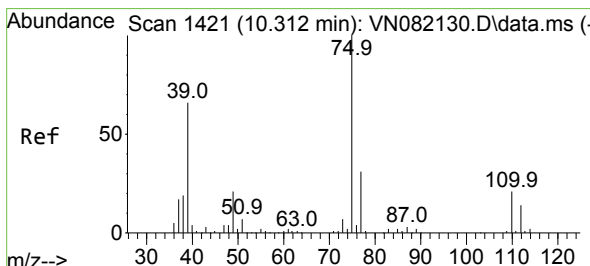
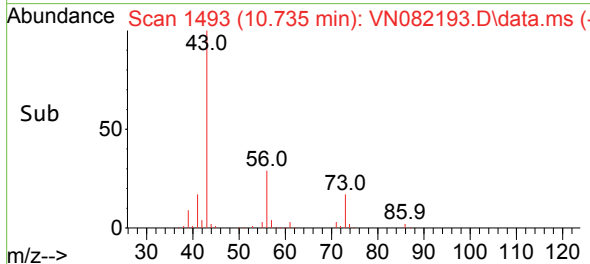
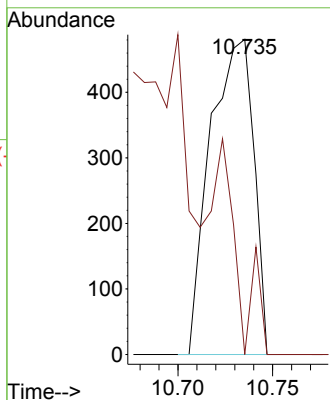
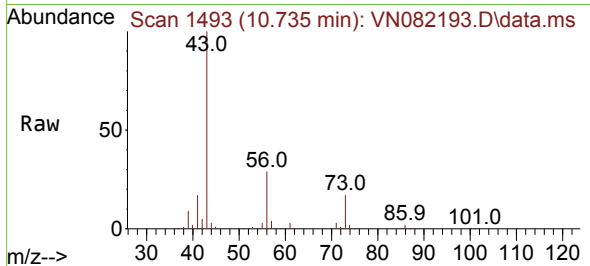




#53
 t-1,3-Dichloropropene
 Concen: 0.215 ug/l
 RT: 10.735 min Scan# 1493
 Delta R.T. -0.100 min
 Lab File: VN082193.D
 Acq: 17 May 2024 20:58

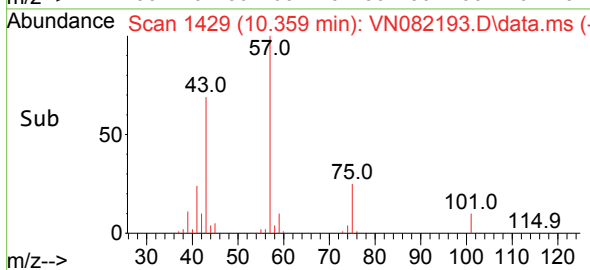
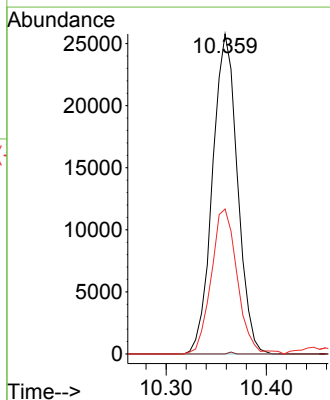
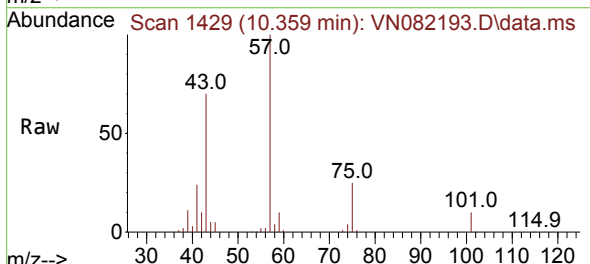
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-MH-JJ

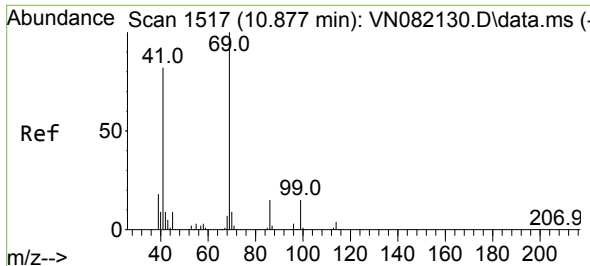
Tgt Ion: 75 Resp: 766
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 11.791 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082193.D
 Acq: 17 May 2024 20:58

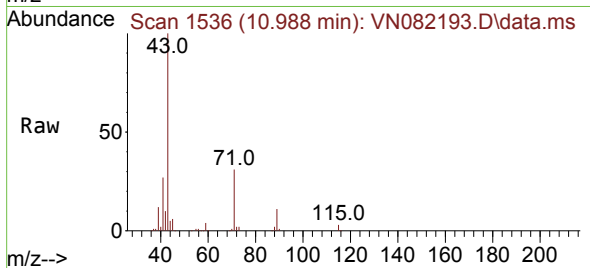
Tgt Ion: 75 Resp: 44508
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 45.3 34.8 52.2



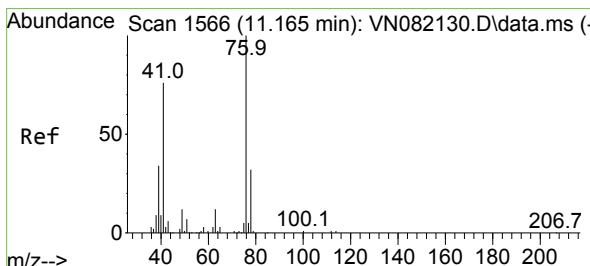
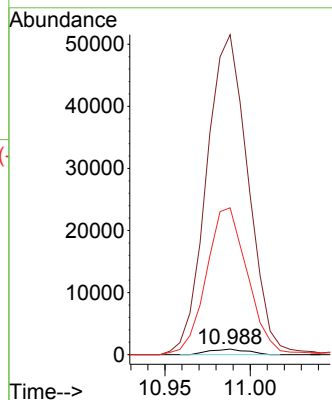
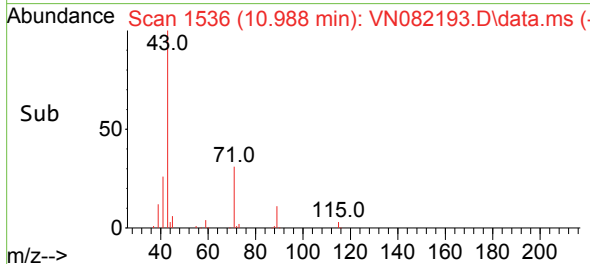


#56
Ethyl methacrylate
Concen: 0.394 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

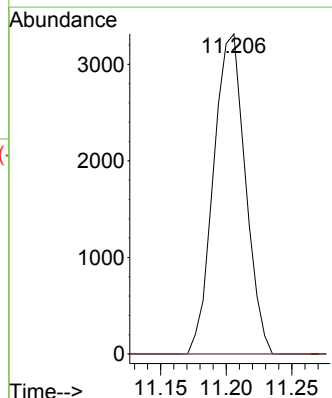
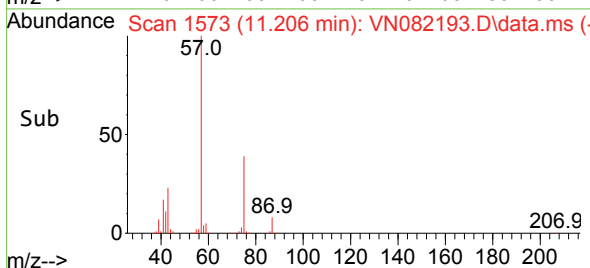
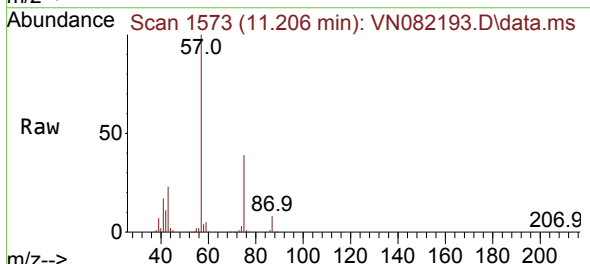


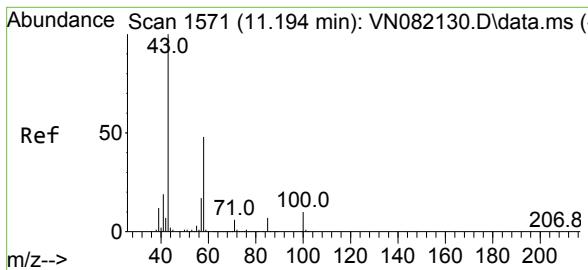
Tgt Ion: 69 Resp: 1406
Ion Ratio Lower Upper
69 100
41 6257.3 46.6 70.0#
39 2852.3 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.424 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 76 Resp: 5597
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

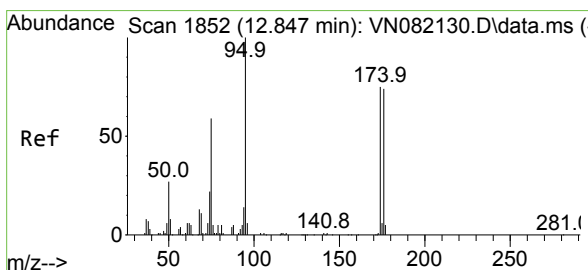
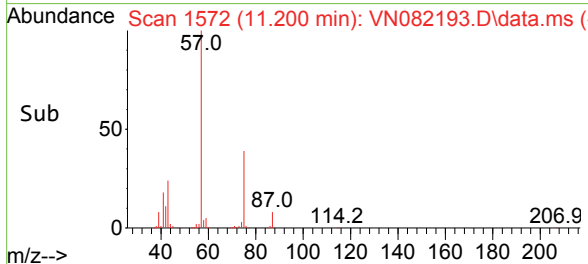
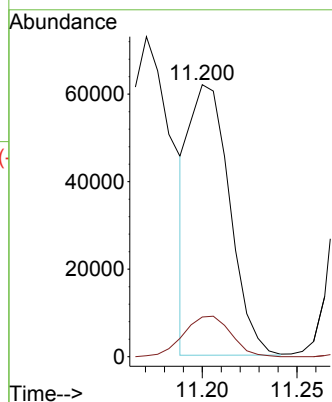
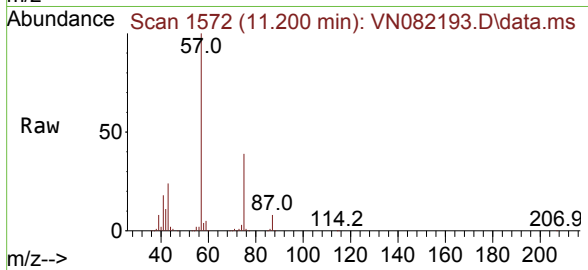




#59
2-Hexanone
Concen: 34.371 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

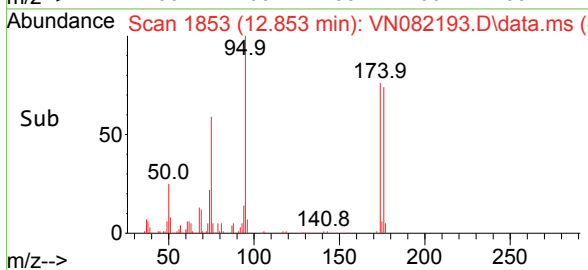
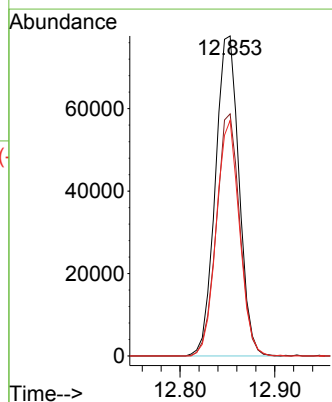
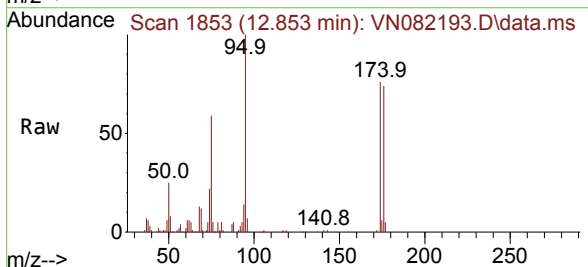
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

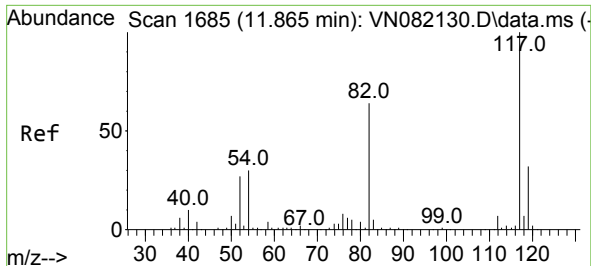
Tgt Ion: 43 Resp: 91684
Ion Ratio Lower Upper
43 100
58 17.6 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 51.068 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 95 Resp: 134728
Ion Ratio Lower Upper
95 100
174 74.9 0.0 160.6
176 71.9 0.0 152.8

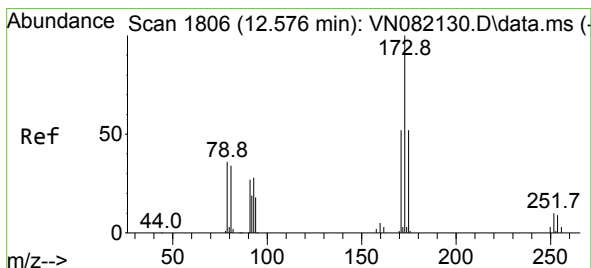
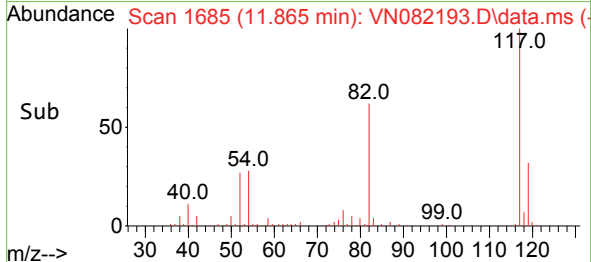
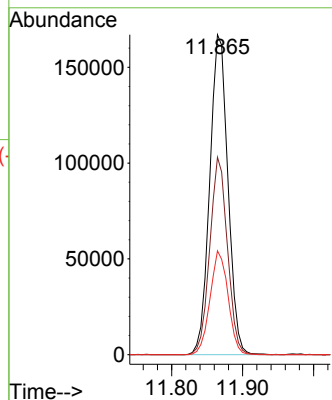
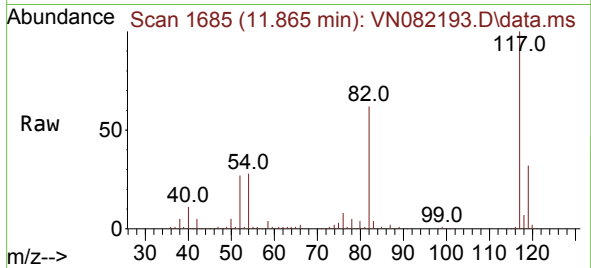




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

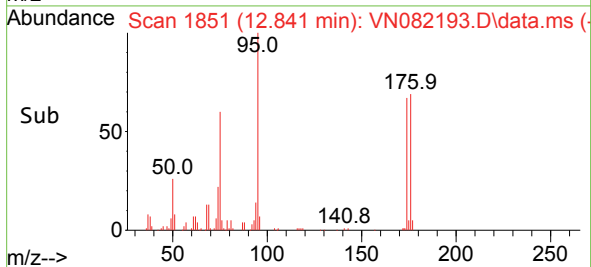
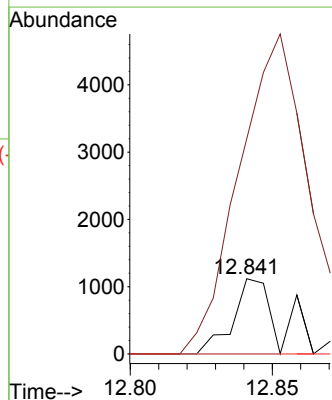
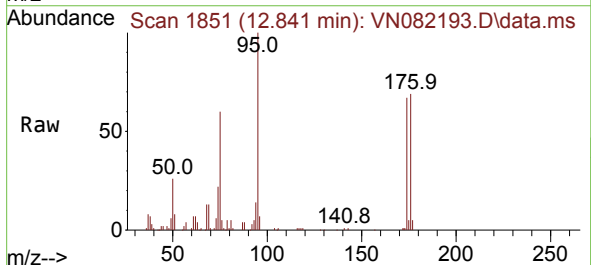
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

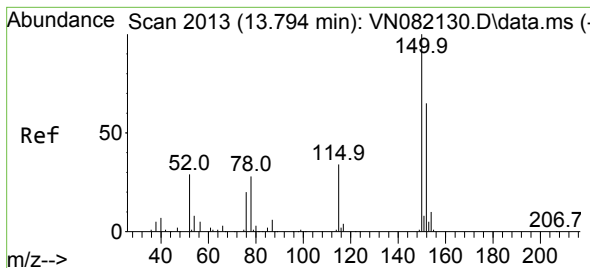
Tgt Ion:117 Resp: 296230
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 32.5 25.9 38.9



#71
Bromoform
Concen: 1.258 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion:173 Resp: 968
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082193.D

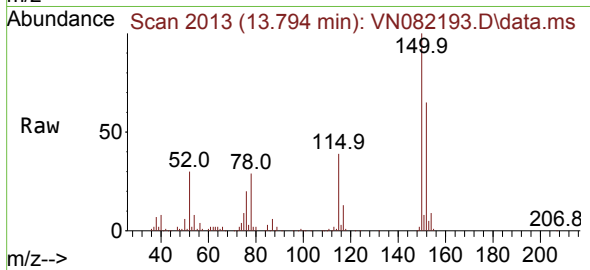
Acq: 17 May 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

WC-MH-JJ



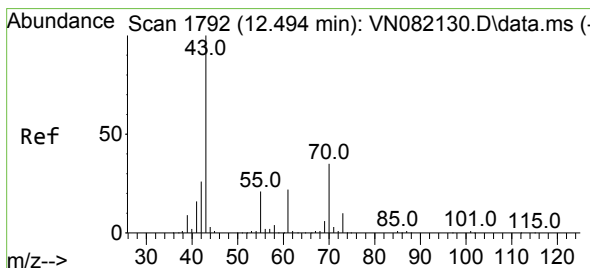
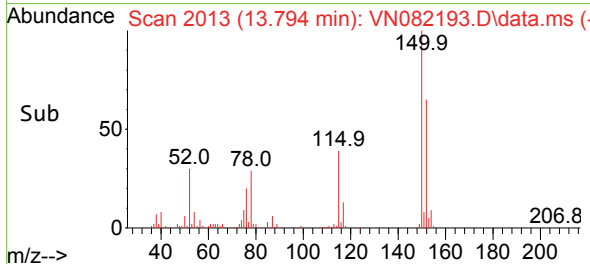
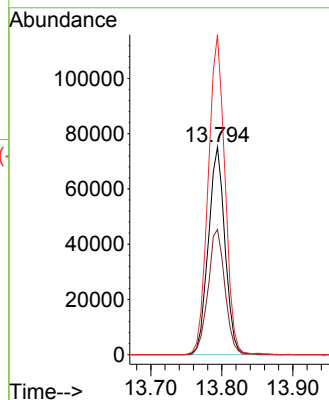
Tgt Ion:152 Resp: 122456

Ion Ratio Lower Upper

152 100

115 61.3 30.4 91.3

150 155.3 0.0 353.2



#74

N-ethyl acetate

Concen: 0.398 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.012 min

Lab File: VN082193.D

Acq: 17 May 2024 20:58

Tgt Ion: 43 Resp: 2128

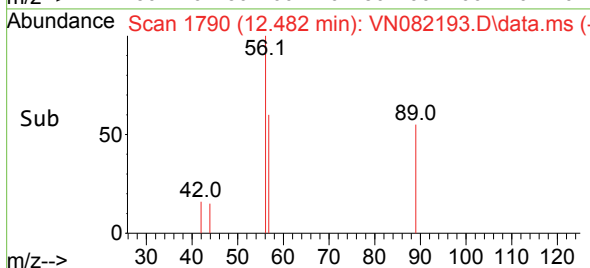
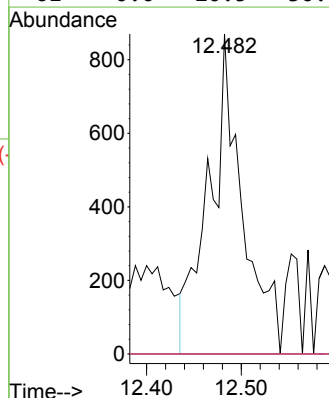
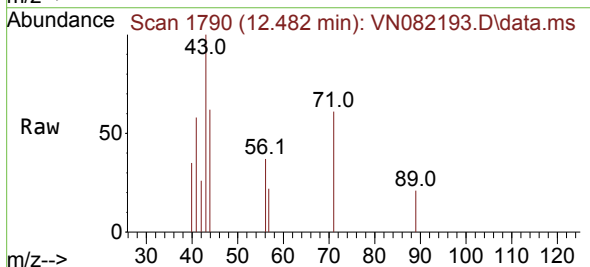
Ion Ratio Lower Upper

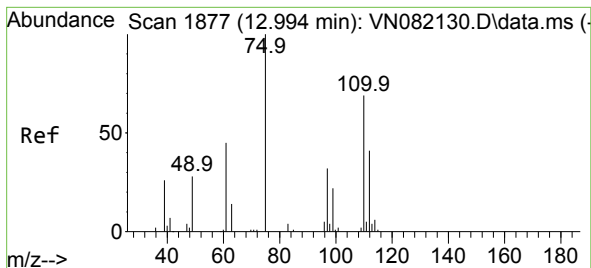
43 100

70 0.0 39.0 58.4#

55 0.0 21.3 31.9#

61 0.0 20.5 30.7#

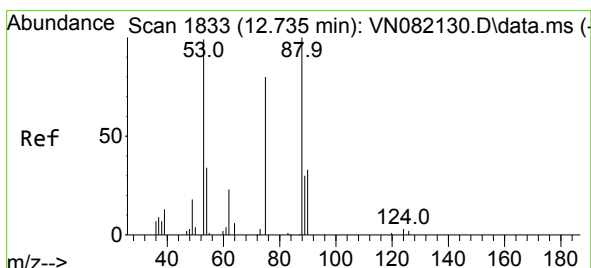
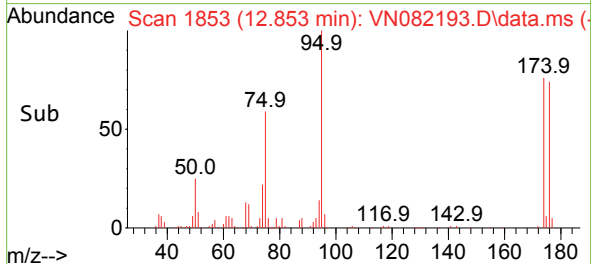
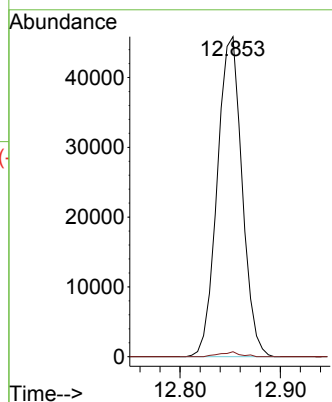
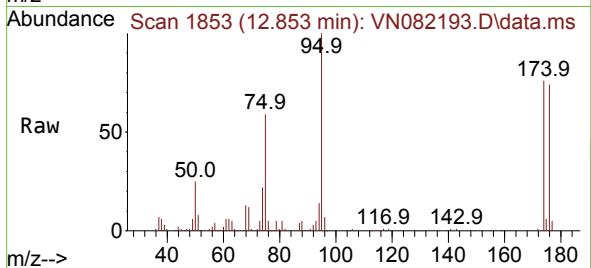




#76
1,2,3-Trichloropropane
Concen: 30.600 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :
WC-MH-JJ

Tgt Ion: 75 Resp: 78869
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082193.D
Acq: 17 May 2024 20:58

Tgt Ion: 75 Resp: 78869
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

