

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082195.D
 Acq On : 17 May 2024 21:46
 Operator : JC\MD
 Sample : P2486-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPL

Quant Time: May 17 23:18:45 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

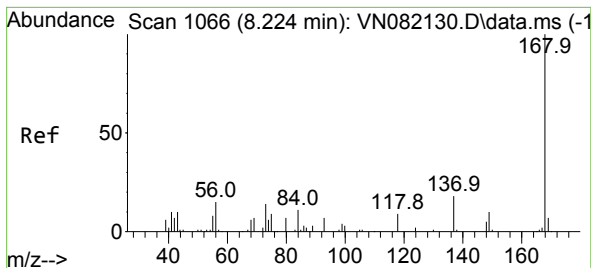
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	177301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150021	53.586	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.165	113	102277	53.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.200%			
50) Toluene-d8	10.571	98	405919	54.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.940%			
62) 4-Bromofluorobenzene	12.847	95	133418	50.623	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	1890	4.206	ug/l #	78
16) Acetone	4.430	43	18697	16.280	ug/l	95
18) Methyl Acetate	5.030	43	3048	1.066	ug/l #	59
20) Methylene Chloride	5.277	84	9602	4.144	ug/l #	74
25) 2-Butanone	7.482	43	2373	1.363	ug/l #	43
31) Cyclohexane	8.229	56	5072	1.134	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	16313	5.050	ug/l #	49
37) Ethyl Acetate	7.565	43	4115	1.138	ug/l #	80
38) Carbon Tetrachloride	8.224	117	19790	6.044	ug/l #	15
42) 1,2-Dichloroethane	8.682	62	1066	0.288	ug/l #	73
43) Isopropyl Acetate	8.688	43	264916	41.358	ug/l #	70
45) 1,2-Dichloropropane	9.741	63	1446	0.582	ug/l #	45
48) Methyl methacrylate	9.741	41	140101	45.902	ug/l #	37
51) 4-Methyl-2-Pentanone	10.359	43	118486	32.557	ug/l #	43
53) t-1,3-Dichloropropene	10.735	75	848	0.238	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	45666	12.110	ug/l #	76
56) Ethyl methacrylate	10.982	69	1501	0.421	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5679	1.446	ug/l #	42
59) 2-Hexanone	11.200	43	90468	33.950	ug/l #	49
71) Bromoform	12.576	173	56	0.733	ug/l #	28
74) N-amyl acetate	12.482	43	1669	0.314	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	79062	30.931	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	79062	72.347	ug/l #	12

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

Quant Time: May 17 23:18:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082195.D

Acq: 17 May 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

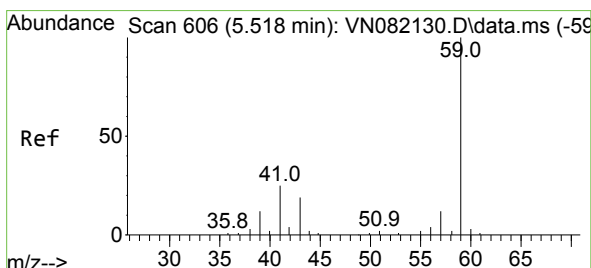
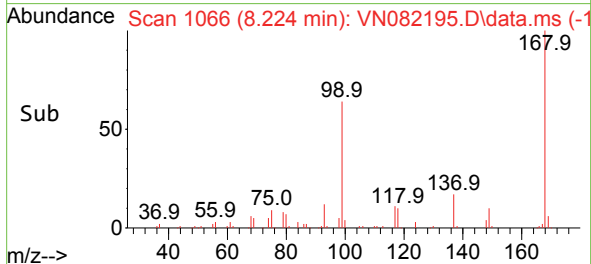
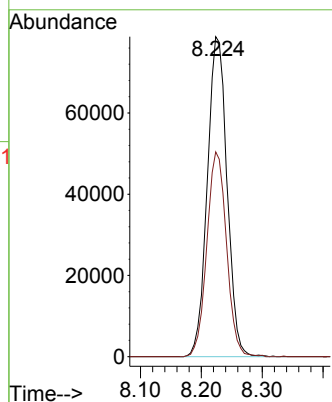
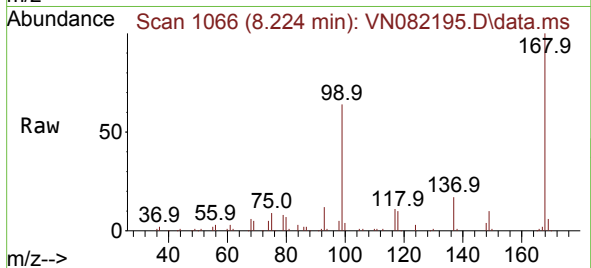
WCS-TPL

Tgt Ion:168 Resp: 177301

Ion Ratio Lower Upper

168 100

99 64.0 48.2 72.4



#11

Tert butyl alcohol

Concen: 4.206 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN082195.D

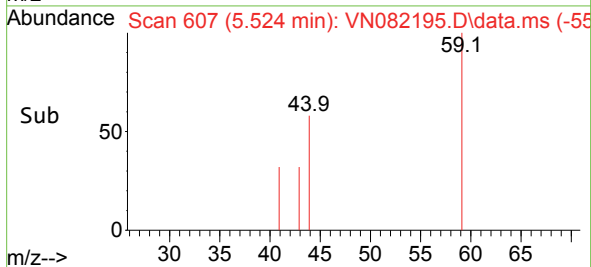
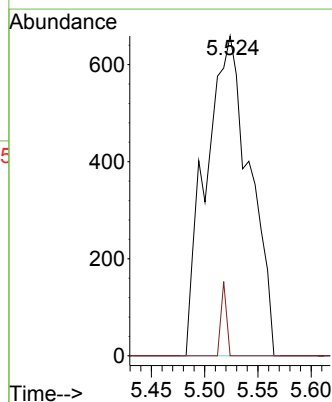
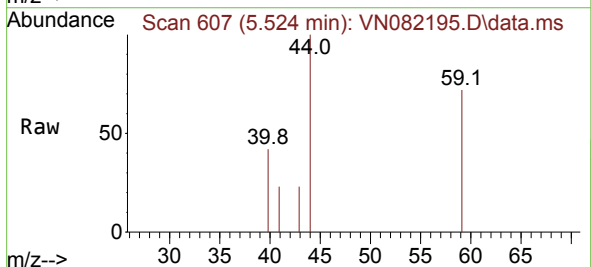
Acq: 17 May 2024 21:46

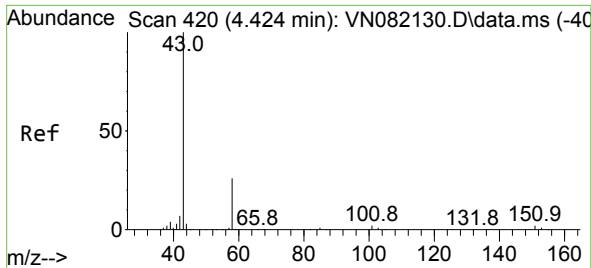
Tgt Ion: 59 Resp: 1890

Ion Ratio Lower Upper

59 100

57 2.9 8.9 13.3#

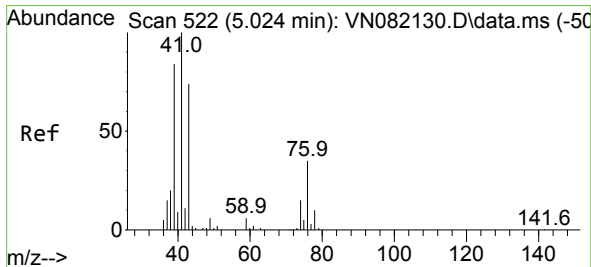
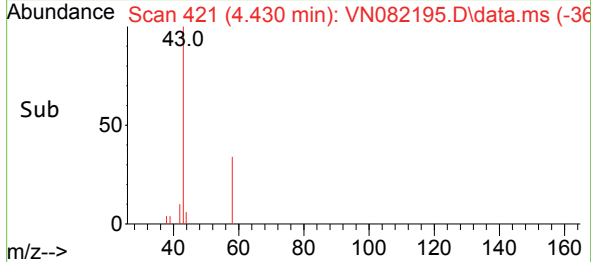
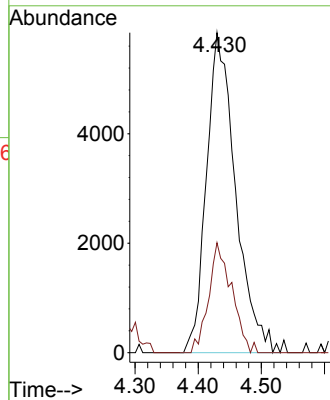
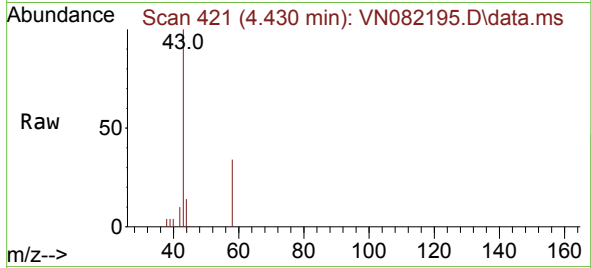




#16
Acetone
Concen: 16.280 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

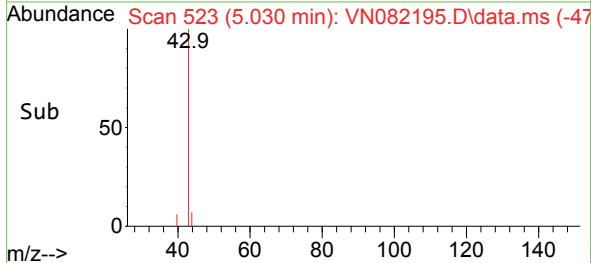
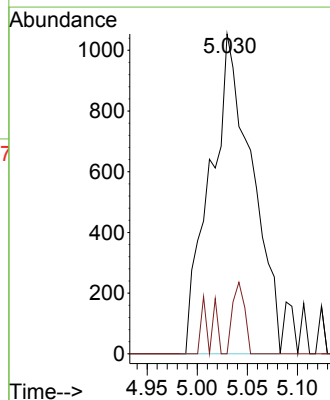
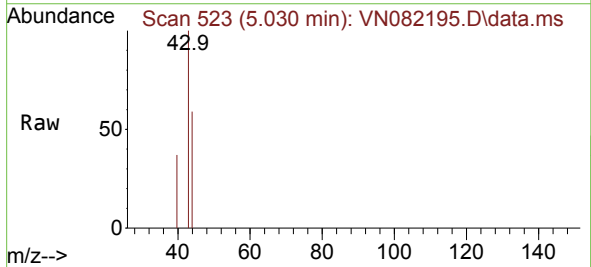
Instrument :
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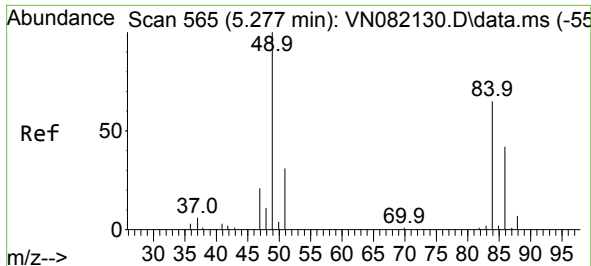
Tgt Ion: 43 Resp: 18697
Ion Ratio Lower Upper
43 100
58 34.3 25.2 37.8



#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
74 6.5 22.2 33.2#

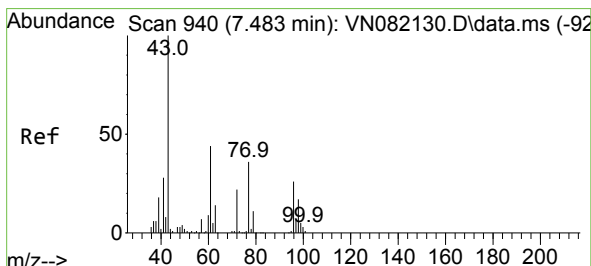
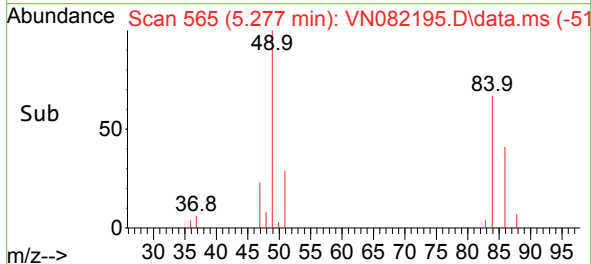
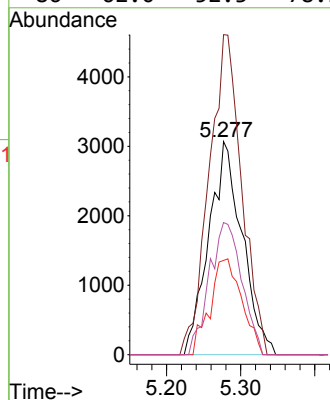
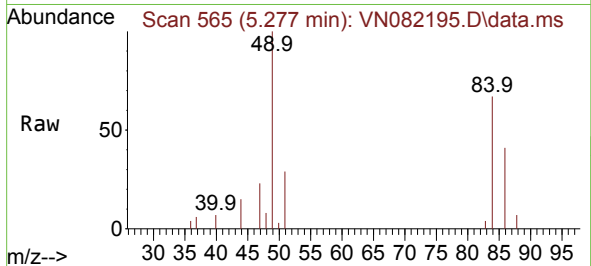




#20
Methylene Chloride
Concen: 4.144 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

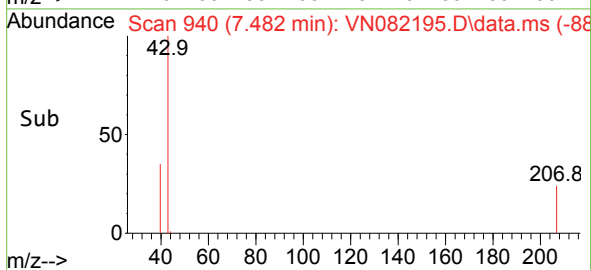
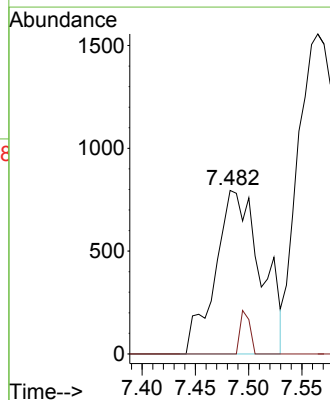
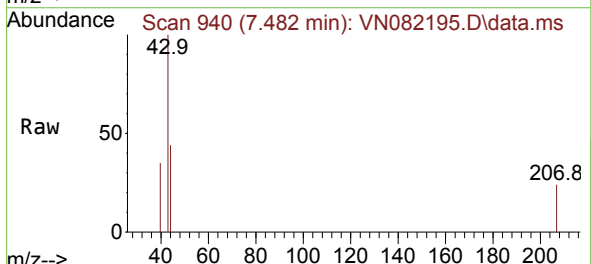
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

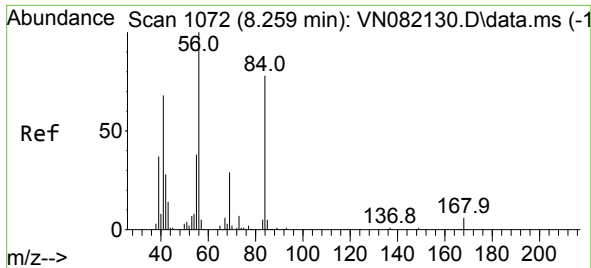
Tgt Ion:	84	Resp:	9602
Ion	Ratio	Lower	Upper
84	100		
49	150.1	84.9	127.3#
51	44.2	27.0	40.6#
86	62.0	52.3	78.5



#25
2-Butanone
Concen: 1.363 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion:	43	Resp:	2373
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#

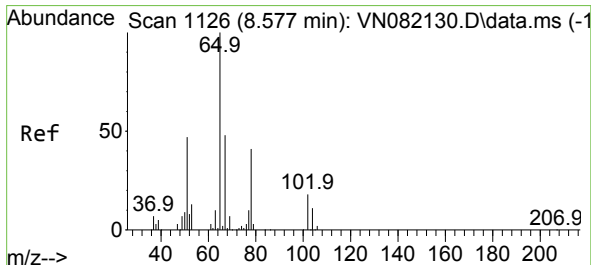
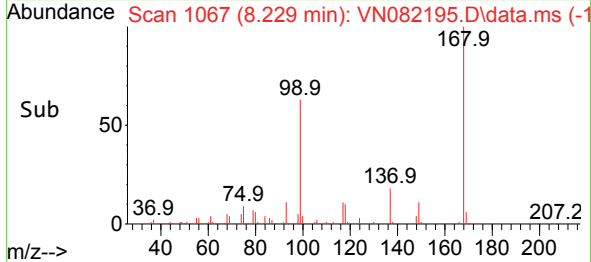
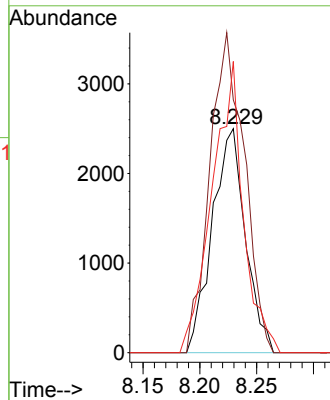
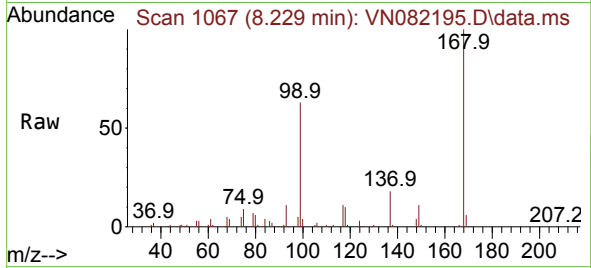




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

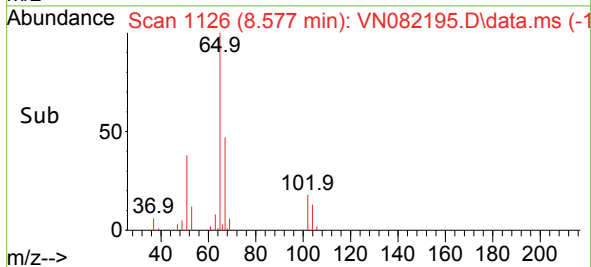
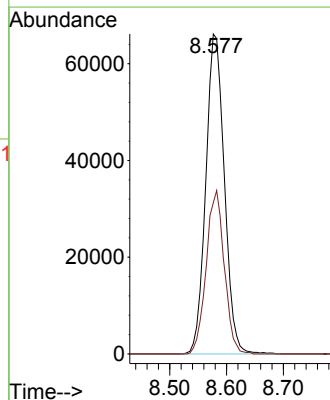
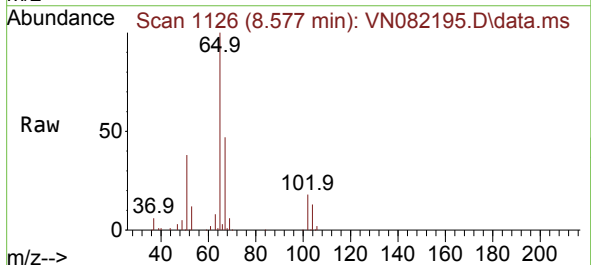
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

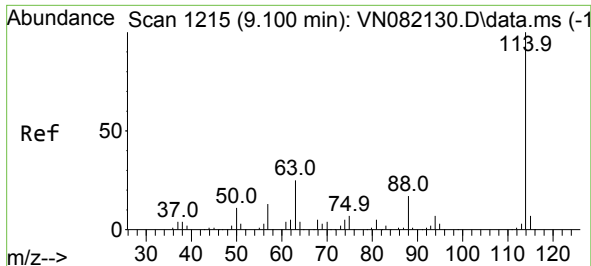
Tgt Ion: 56 Resp: 5072
Ion Ratio Lower Upper
56 100
69 112.8 24.4 36.6#
84 130.0 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 53.586 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 65 Resp: 150021
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082195.D

Acq: 17 May 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPL

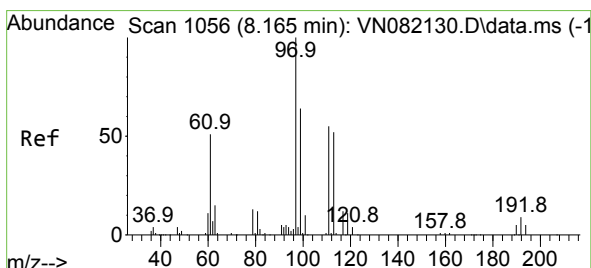
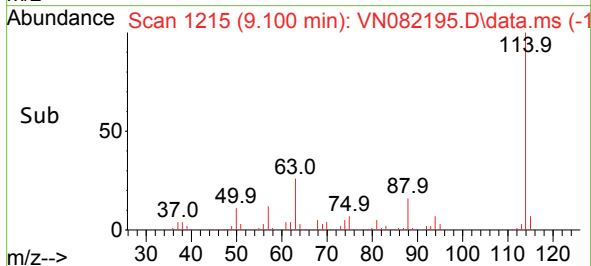
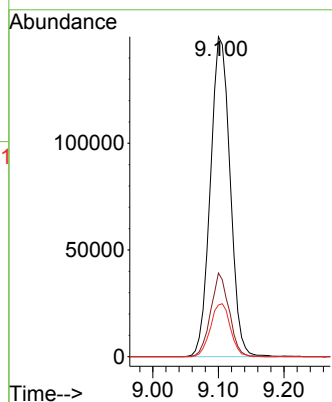
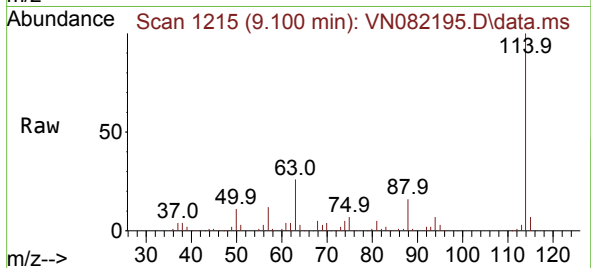
Tgt Ion:114 Resp: 313086

Ion Ratio Lower Upper

114 100

63 26.1 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.104 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082195.D

Acq: 17 May 2024 21:46

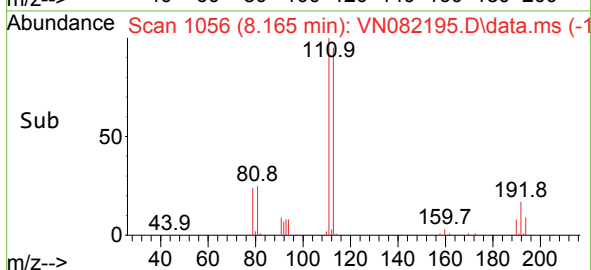
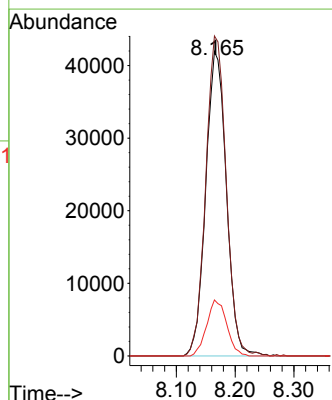
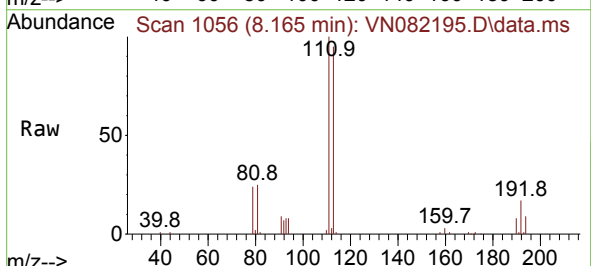
Tgt Ion:113 Resp: 102277

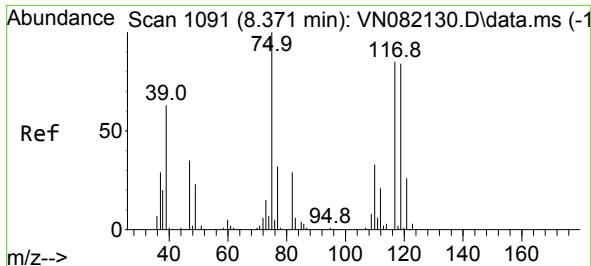
Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 17.9 14.0 21.0

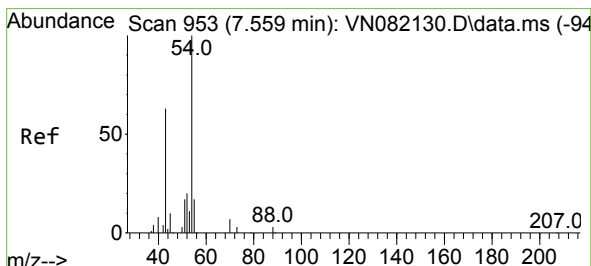
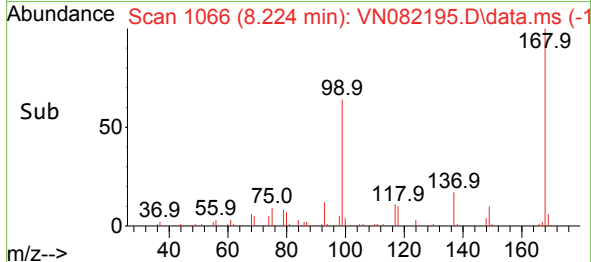
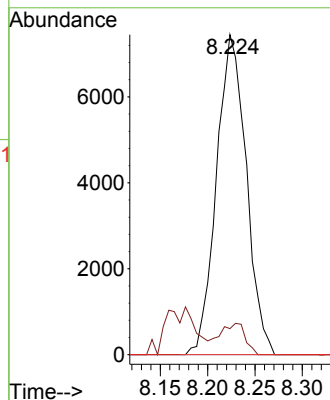
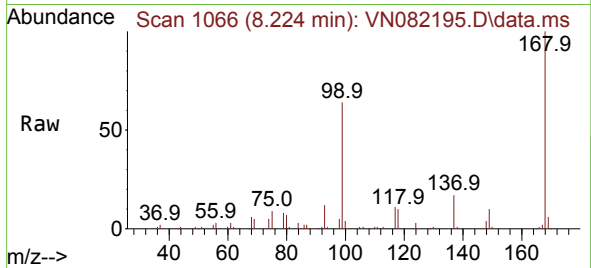




#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

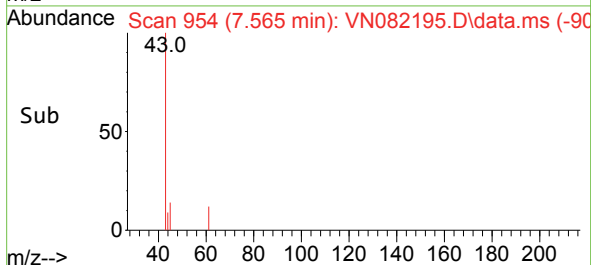
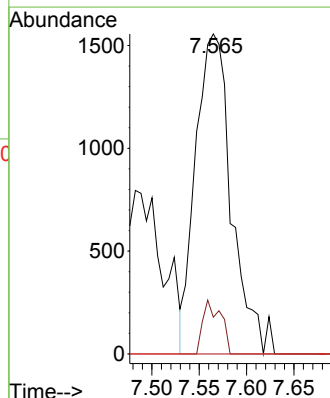
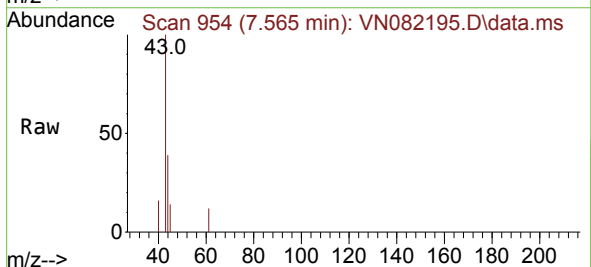
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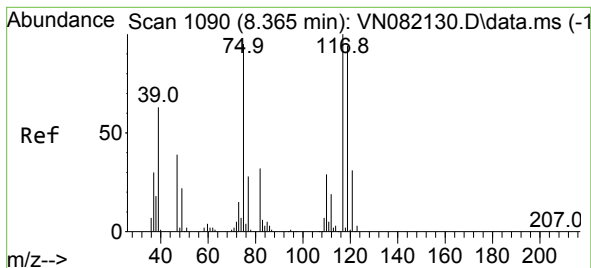
Tgt Ion: 75 Resp: 16313
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.138 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 43 Resp: 4115
Ion Ratio Lower Upper
43 100
61 8.4 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 6.044 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082195.D

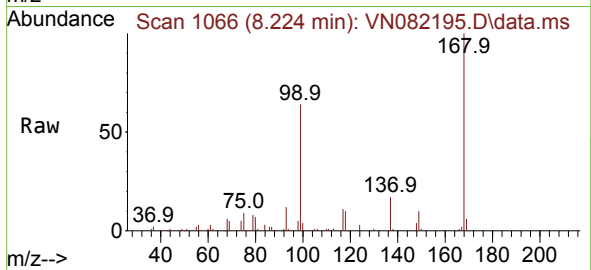
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Instrument :

MSVOA_N

ClientSampleId :

WCS-TPL



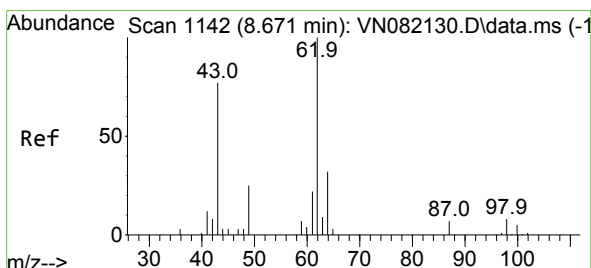
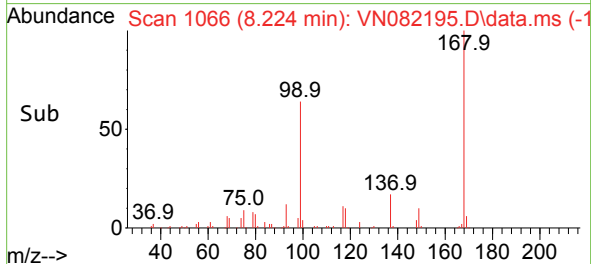
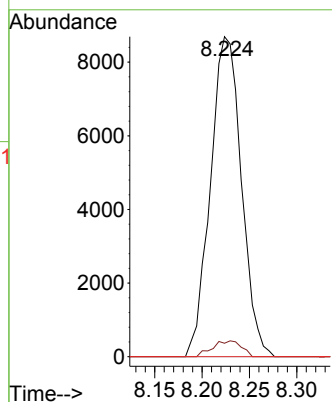
Tgt Ion:117 Resp: 19790

Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.288 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082195.D

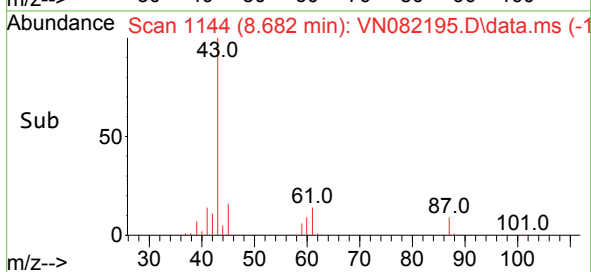
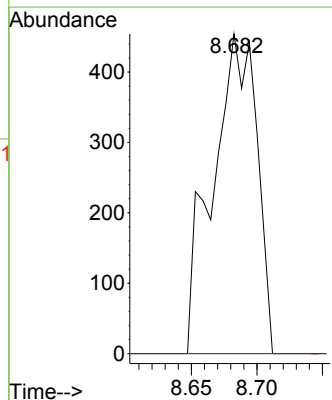
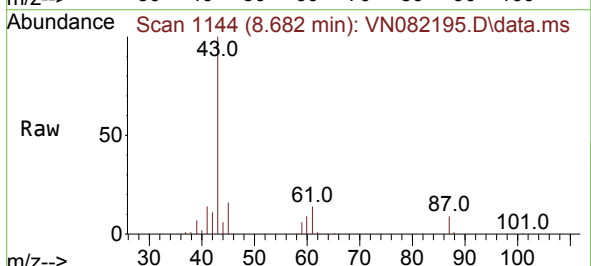
Acq: 17 May 2024 21:46

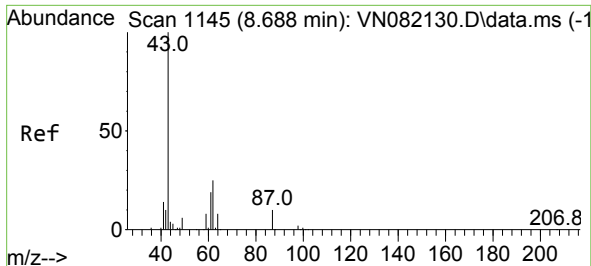
Tgt Ion: 62 Resp: 1066

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6

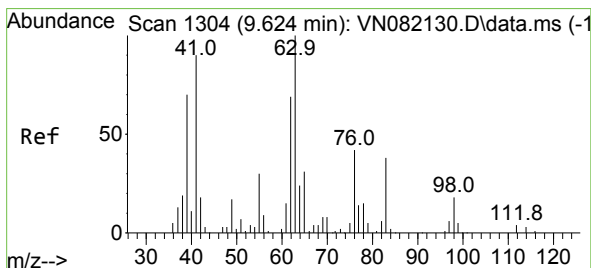
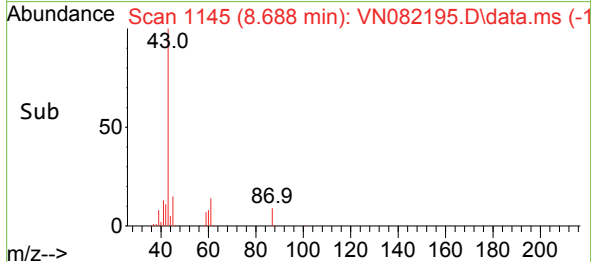
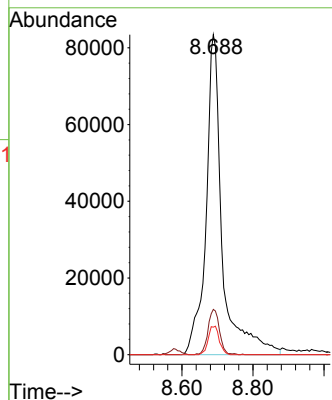
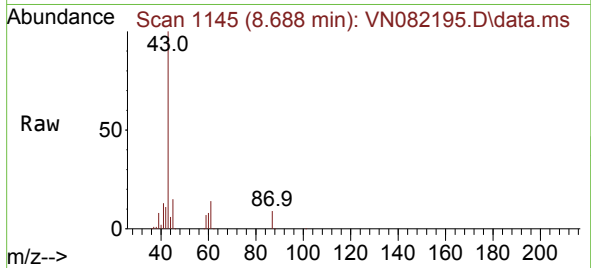




#43
Isopropyl Acetate
Concen: 41.358 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

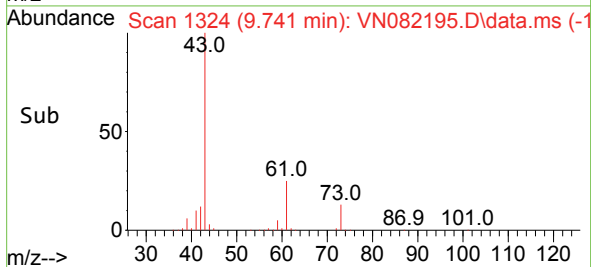
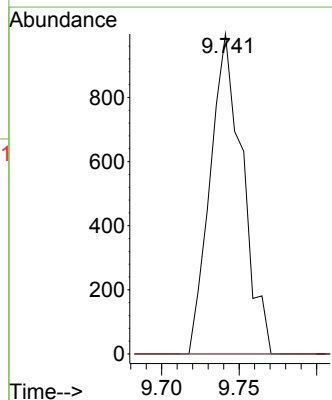
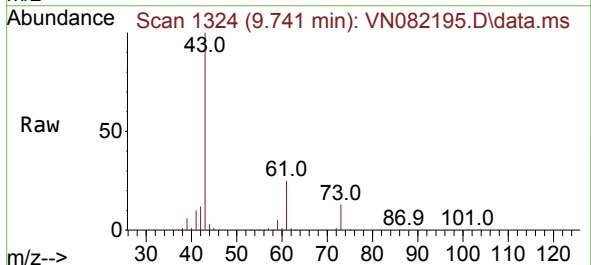
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

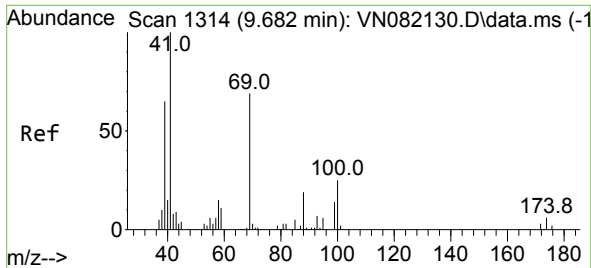
Tgt Ion: 43 Resp: 264916
Ion Ratio Lower Upper
43 100
61 10.0 22.8 34.2#
87 6.1 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.582 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 63 Resp: 1446
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

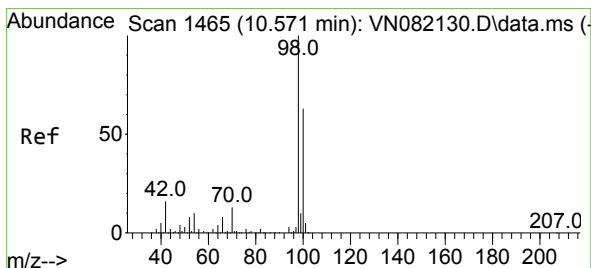
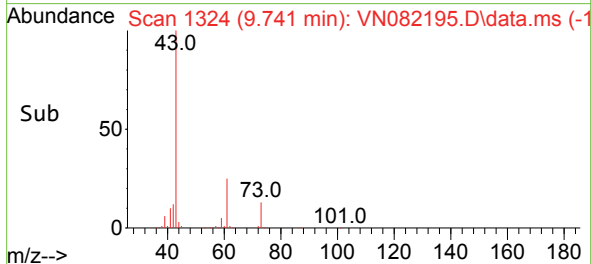
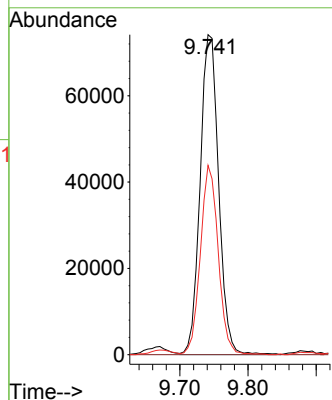
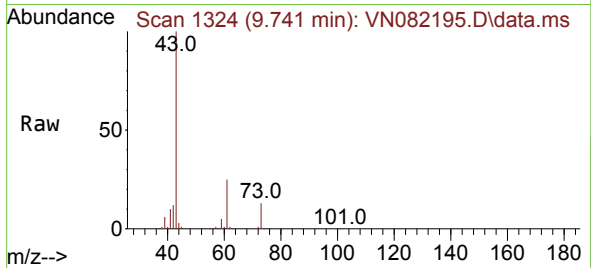




#48
Methyl methacrylate
Concen: 45.902 ug/l
RT: 9.741 min Scan# 1314
Delta R.T. 0.059 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

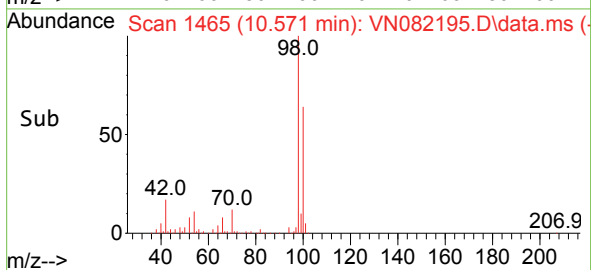
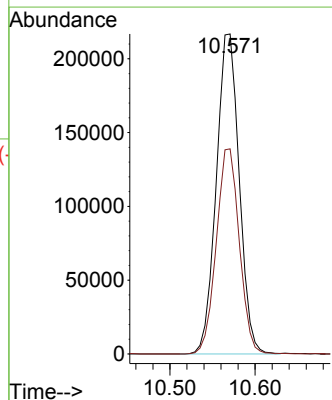
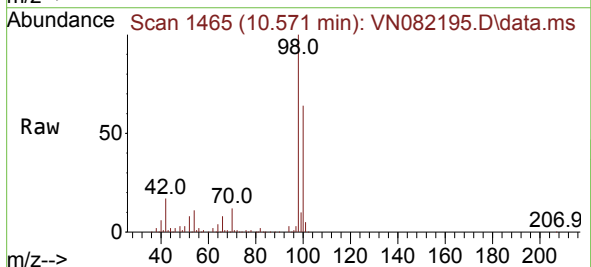
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

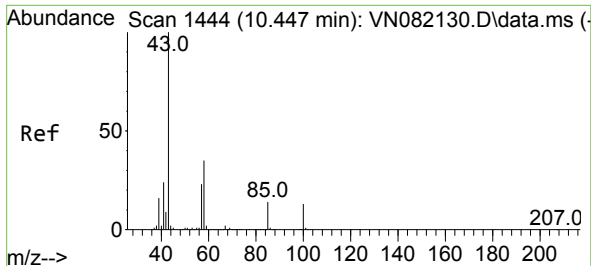
Tgt Ion: 41 Resp: 140101
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 57.1 50.9 76.3



#50
Toluene-d8
Concen: 54.973 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 98 Resp: 405919
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

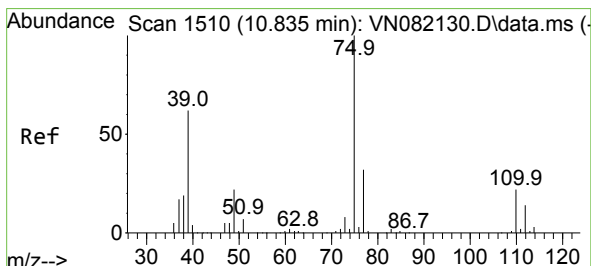
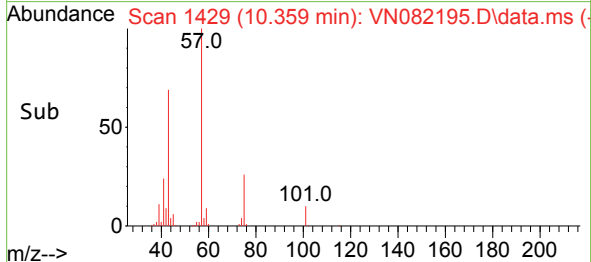
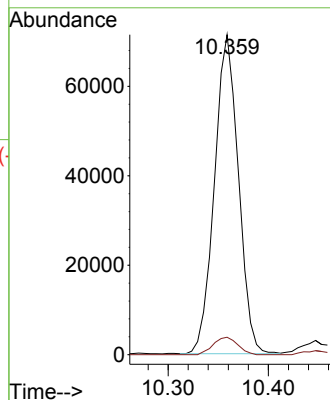
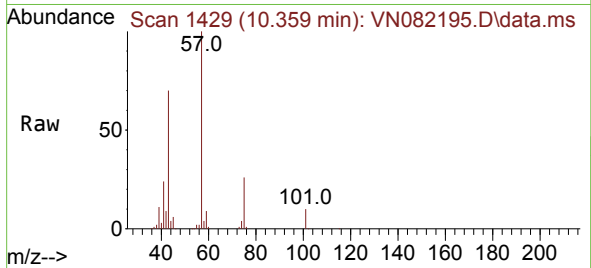




#51
4-Methyl-2-Pentanone
Concen: 32.557 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

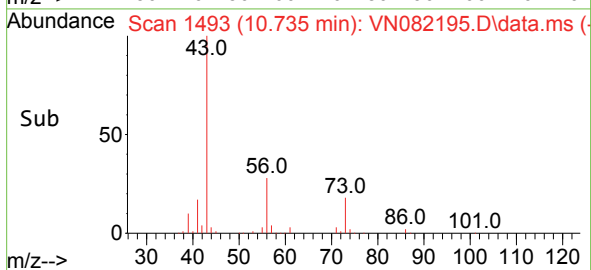
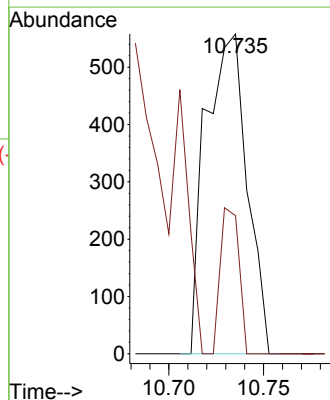
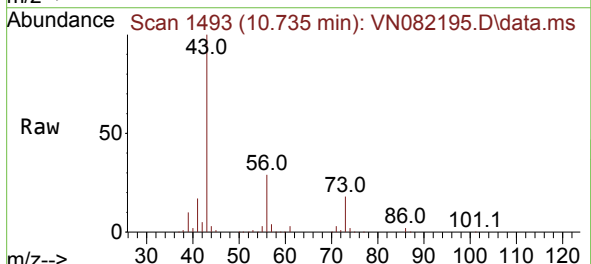
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

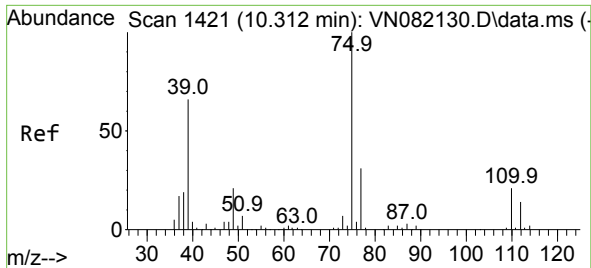
Tgt Ion: 43 Resp: 118486
Ion Ratio Lower Upper
43 100
58 5.6 33.2 49.8#



#53
t-1,3-Dichloropropene
Concen: 0.238 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.100 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 43.2 25.4 38.0#

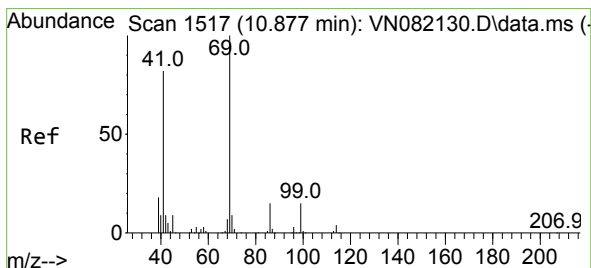
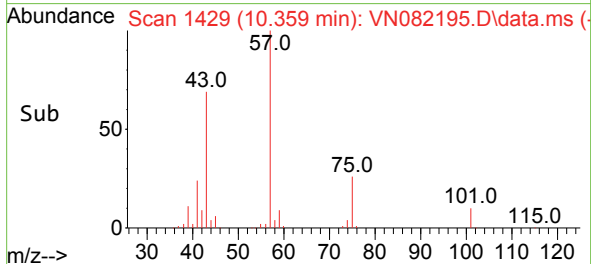
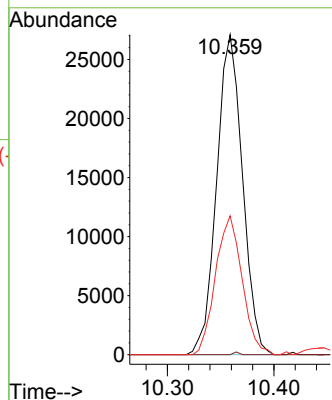
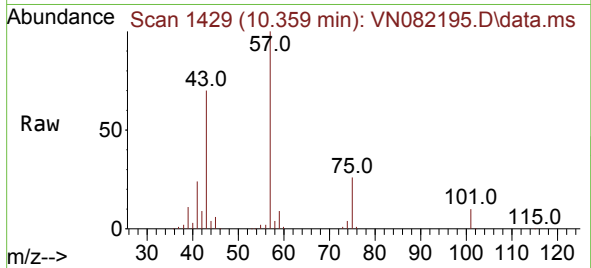




#54
 cis-1,3-Dichloropropene
 Concen: 12.110 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082195.D
 Acq: 17 May 2024 21:46

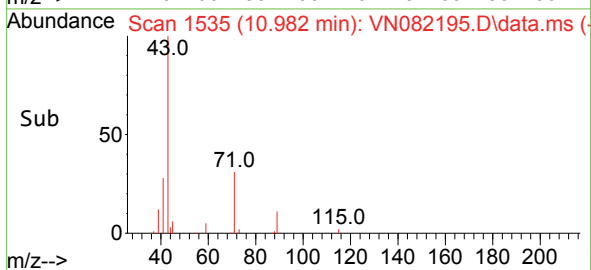
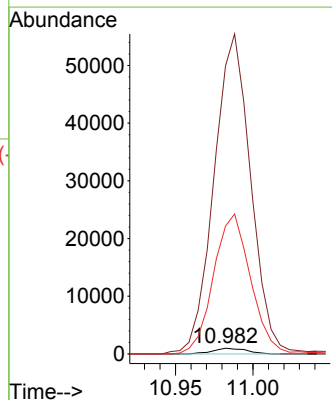
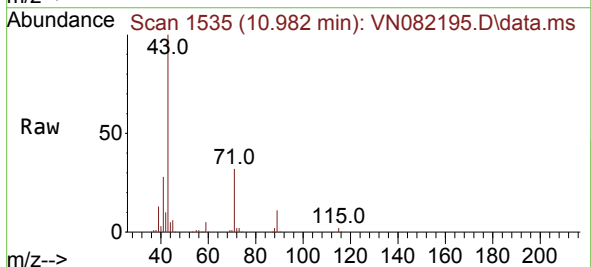
Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPL

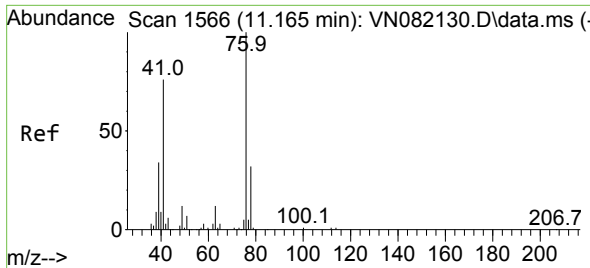
Tgt Ion: 75 Resp: 45666
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 43.4 34.8 52.2



#56
 Ethyl methacrylate
 Concen: 0.421 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN082195.D
 Acq: 17 May 2024 21:46

Tgt Ion: 69 Resp: 1501
 Ion Ratio Lower Upper
 69 100
 41 6120.9 46.6 70.0#
 39 2700.3 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 1.446 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN082195.D

Acq: 17 May 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

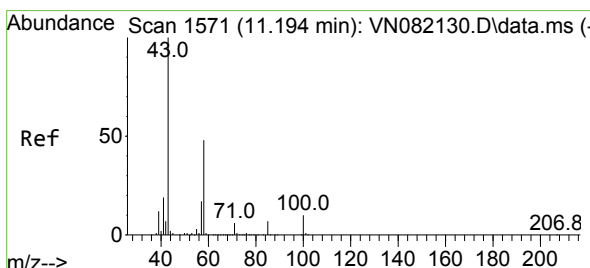
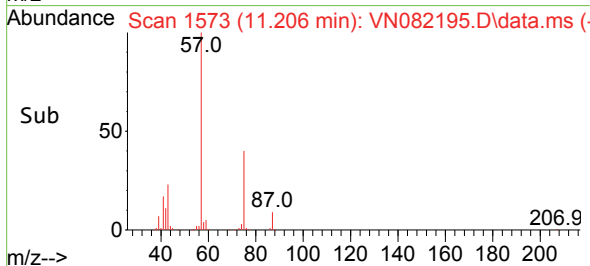
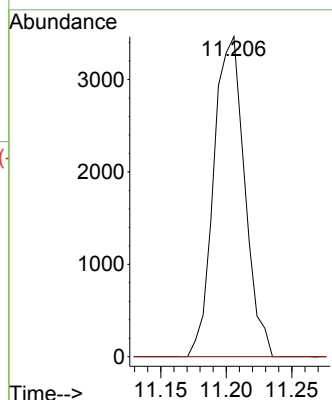
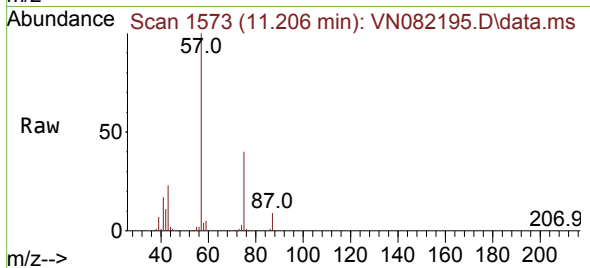
WCS-TPL

Tgt Ion: 76 Resp: 5679

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 33.950 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN082195.D

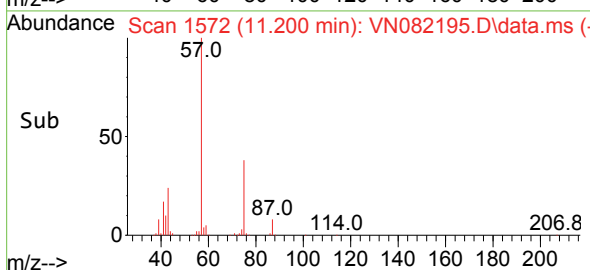
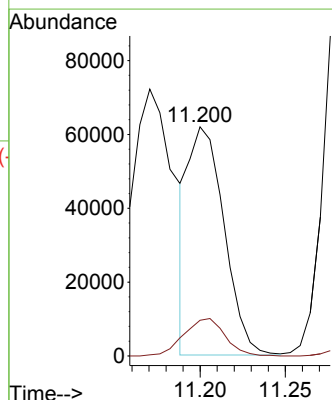
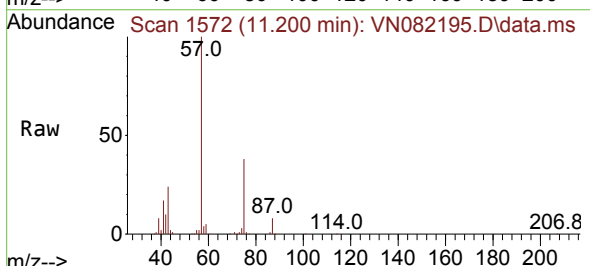
Acq: 17 May 2024 21:46

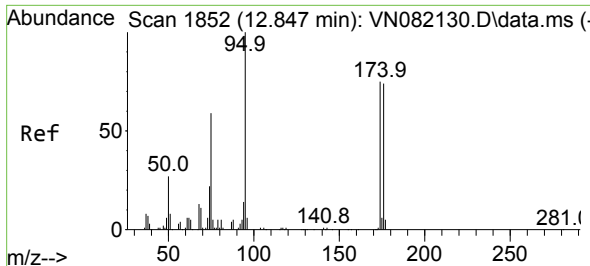
Tgt Ion: 43 Resp: 90468

Ion Ratio Lower Upper

43 100

58 18.9 28.3 84.9#

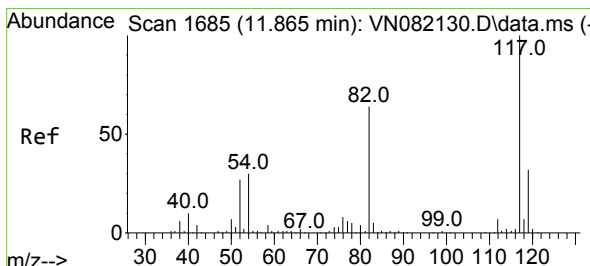
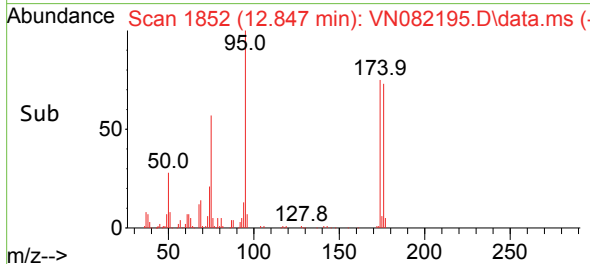
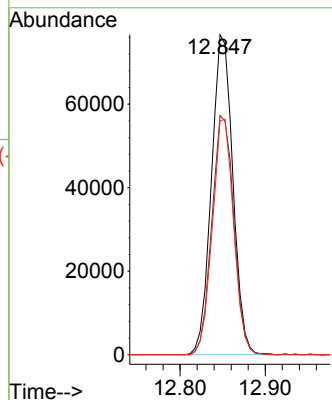
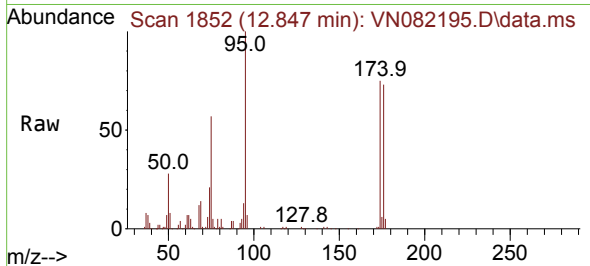




#62
4-Bromofluorobenzene
Concen: 50.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

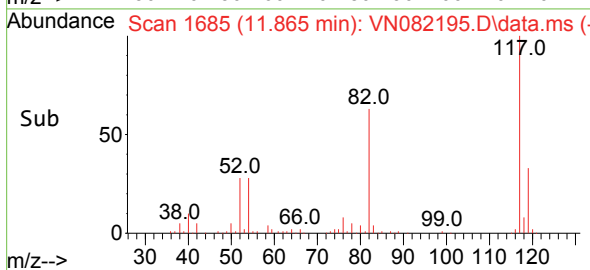
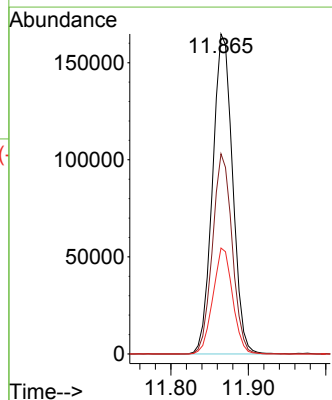
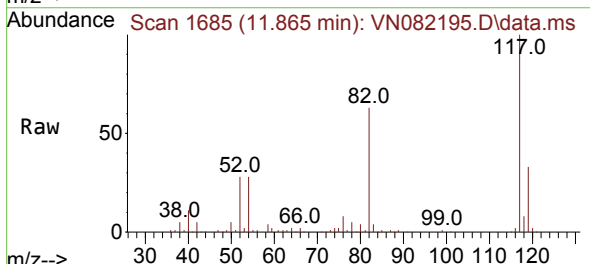
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

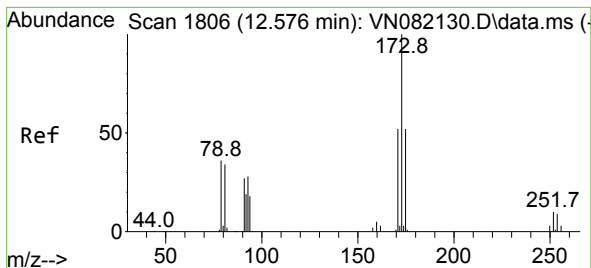
Tgt Ion: 95 Resp: 133418
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Tgt Ion: 117 Resp: 296141
Ion Ratio Lower Upper
117 100
82 62.6 44.6 66.8
119 33.1 25.9 38.9





#71

Bromoform

Concen: 0.733 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082195.D

Acq: 17 May 2024 21:46

Instrument :

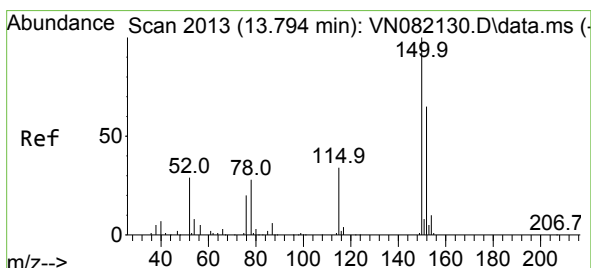
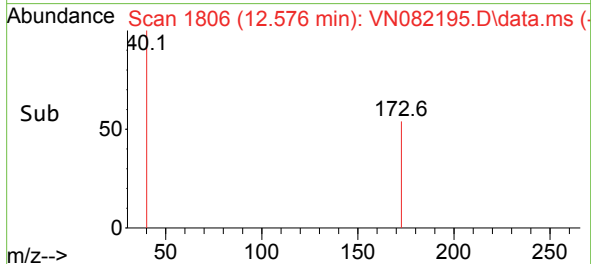
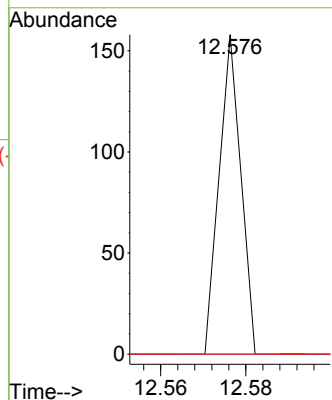
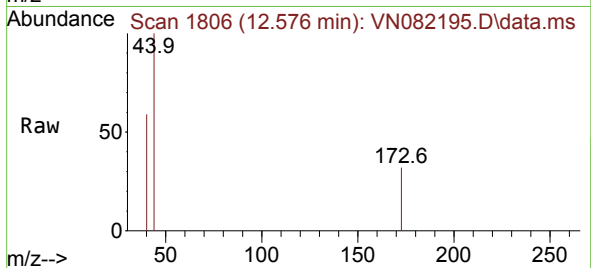
MSVOA_N

ClientSampleId :

WCS-TPL

Tgt Ion:173 Resp: 56

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# 2013

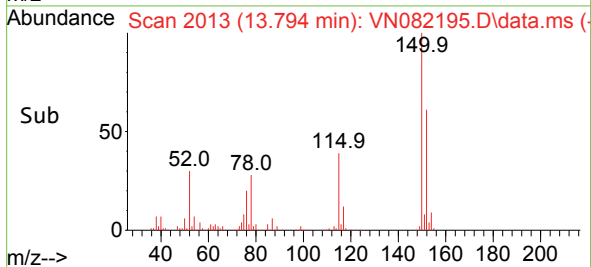
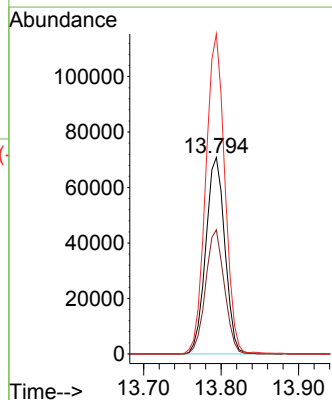
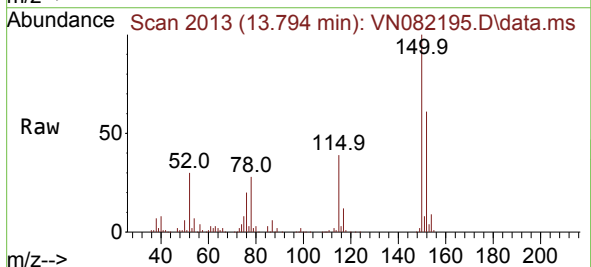
Delta R.T. -0.000 min

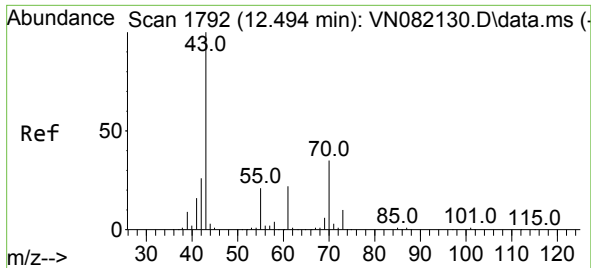
Lab File: VN082195.D

Acq: 17 May 2024 21:46

Tgt Ion:152 Resp: 121442

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.4	91.3
150	162.4	0.0	353.2

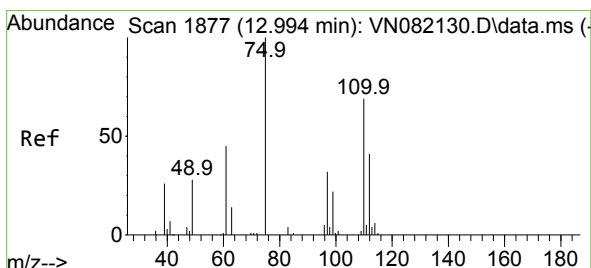
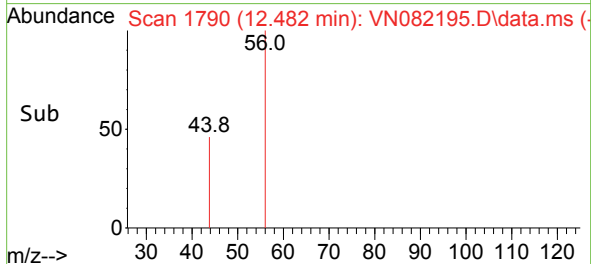
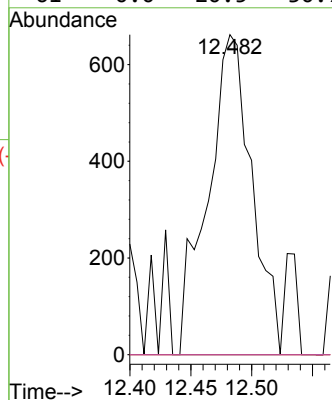
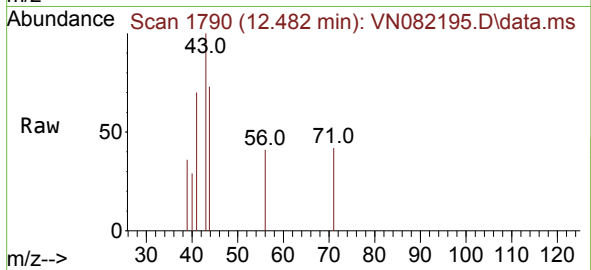




#74
N-amy1 acetate
Concen: 0.314 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

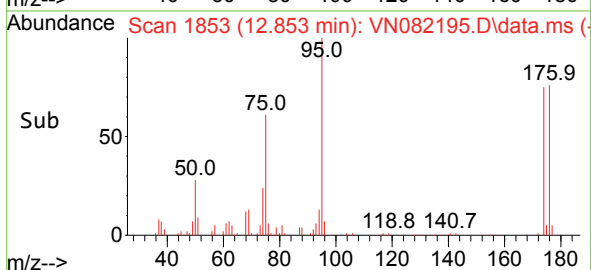
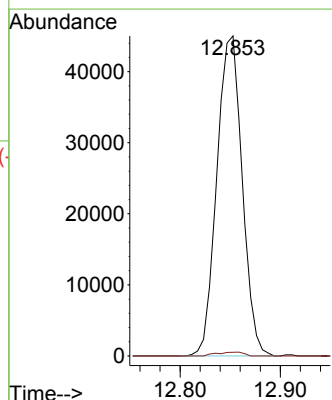
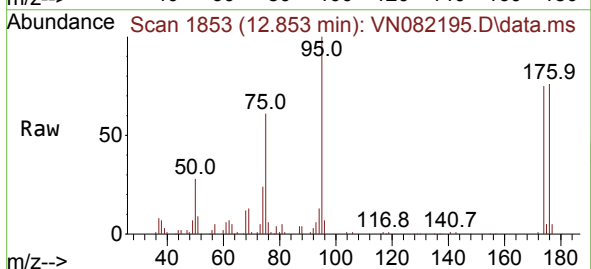
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

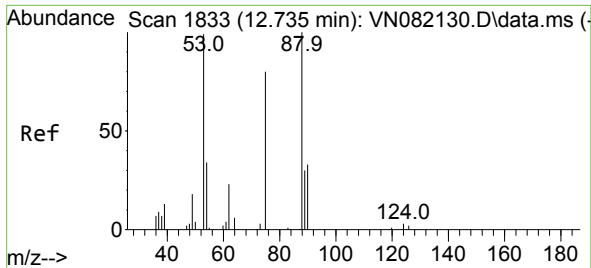
Tgt Ion: 43	Resp: 1669
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.4#
55	0.0 21.3 31.9#
61	0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 30.931 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

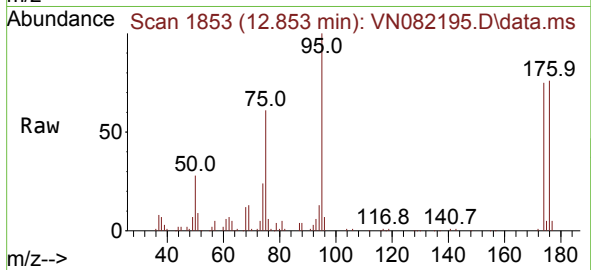
Tgt Ion: 75	Resp: 79062
Ion Ratio	Lower Upper
75	100
77	1.3 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.347 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN082195.D
Acq: 17 May 2024 21:46

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL



Tgt Ion: 75 Resp: 79062
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

