

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081420.D
 Acq On : 14 Mar 2024 19:17
 Operator : JC\MD
 Sample : P1769-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Mar 15 01:17:34 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	8.224	168	313855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	593006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	518919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	233761	51.512	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	103.020%	
35) Dibromofluoromethane	8.171	113	181864	50.057	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	100.120%	
50) Toluene-d8	10.571	98	705666	51.958	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	103.920%	
62) 4-Bromofluorobenzene	12.853	95	238419	49.668	ug/l	0.00
Spiked Amount 50.000	Range	64 - 133	Recovery	=	99.340%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.512	62	26772	5.710	ug/l	99
8) Diethyl Ether	3.947	74	662	0.271	ug/l #	20
11) Tert butyl alcohol	5.512	59	5224	6.583	ug/l	100
13) Acrolein	4.177	56	420	0.447	ug/l #	1
16) Acetone	4.436	43	19839	12.339	ug/l #	77
19) Methyl tert-butyl Ether	5.800	73	3905	0.315	ug/l #	79
20) Methylene Chloride	5.271	84	905	Below Cal	#	40
21) trans-1,2-Dichloroethene	5.806	96	1039	0.252	ug/l #	30
22) Diisopropyl ether	6.671	45	20302	1.684	ug/l #	86
23) Vinyl Acetate	6.665	43	12843	1.311	ug/l #	75
25) 2-Butanone	7.482	43	14974	5.561	ug/l #	80
27) cis-1,2-Dichloroethene	7.488	96	122972	26.303	ug/l	78
29) Tetrahydrofuran	7.853	42	954	0.520	ug/l #	74
31) Cyclohexane	8.229	56	10190	1.483	ug/l #	19
36) 1,1-Dichloropropene	8.229	75	30771	5.250	ug/l #	51
37) Ethyl Acetate	7.482	43	14974	2.613	ug/l #	1
38) Carbon Tetrachloride	8.224	117	36243	6.144	ug/l #	18
39) Methylcyclohexane	9.600	83	31482	4.667	ug/l	91
40) Benzene	8.612	78	2112828	120.764	ug/l	95
42) 1,2-Dichloroethane	8.682	62	4760	0.772	ug/l	88
43) Isopropyl Acetate	8.706	43	4082	0.407	ug/l #	57
44) Trichloroethene	9.353	130	312082	70.726	ug/l	96
48) Methyl methacrylate	9.665	41	2869	0.647	ug/l #	34
51) 4-Methyl-2-Pentanone	10.635	43	690034	118.499	ug/l #	38
53) t-1,3-Dichloropropene	10.635	75	771615	118.582	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	1250	0.298	ug/l #	13
59) 2-Hexanone	11.188	43	2839	0.652	ug/l	71
65) Chlorobenzene	11.894	112	2485469	227.296	ug/l	96
67) Ethyl Benzene	11.965	91	960913	48.783	ug/l	98
68) m/p-Xylenes	12.070	106	1124727	151.723	ug/l	100
69) o-Xylene	12.400	106	304981	42.451	ug/l	98
70) Styrene	12.412	104	364707	32.033	ug/l	96
73) Isopropylbenzene	12.700	105	48026	2.605	ug/l	94
74) N-amyl acetate	12.459	43	7592	0.981	ug/l #	55
76) 1,2,3-Trichloropropane	12.853	75	139374	25.842	ug/l #	1
78) n-propylbenzene	13.035	91	36213	1.661	ug/l	93

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Quant Time: Mar 15 01:17:34 2024
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

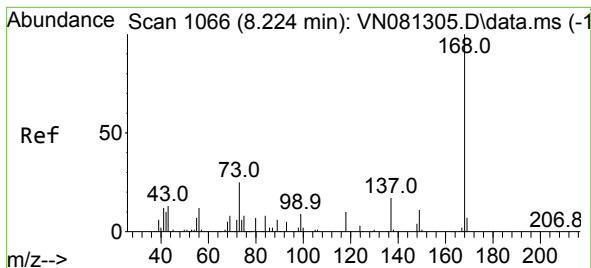
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	13.129	91	30448	2.284	ug/l	74
80) 1,3,5-Trimethylbenzene	13.176	105	38217	2.507	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	139374	72.122	ug/l #	14
82) 4-Chlorotoluene	13.229	91	12537	0.952	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	132716	8.594	ug/l	94
85) sec-Butylbenzene	13.482	105	132716	7.021	ug/l #	60
86) p-Isopropyltoluene	13.729	119	13177	0.869	ug/l	89
87) 1,3-Dichlorobenzene	13.735	146	10667	1.292	ug/l	89
88) 1,4-Dichlorobenzene	13.812	146	152967	18.540	ug/l	98
89) n-Butylbenzene	14.059	91	9475	0.682	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	48452	6.118	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	2559	0.604	ug/l	80
95) Naphthalene	15.641	128	112654	7.479	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	1817	0.423	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

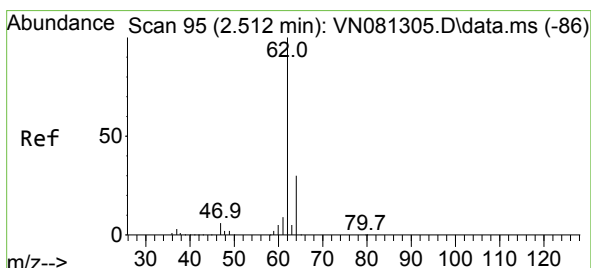
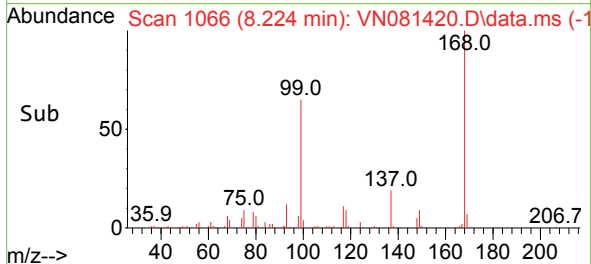
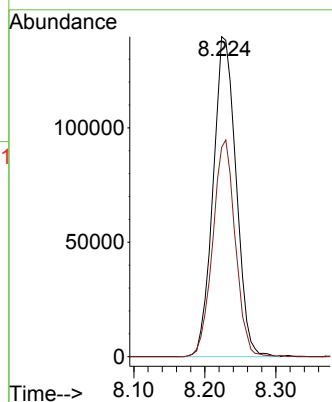
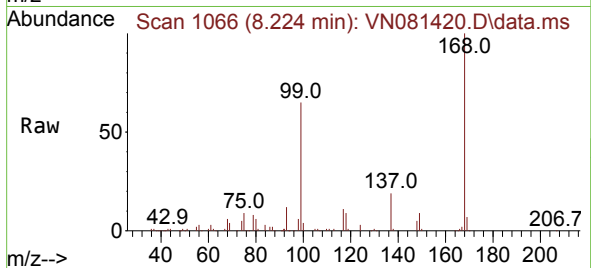
MW-2

Tgt Ion:168 Resp: 313855

Ion Ratio Lower Upper

168 100

99 65.4 59.9 89.9



#4

Vinyl Chloride

Concen: 5.710 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN081420.D

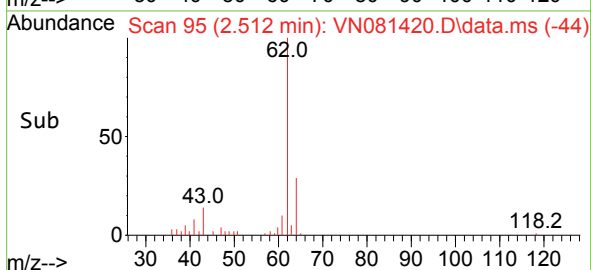
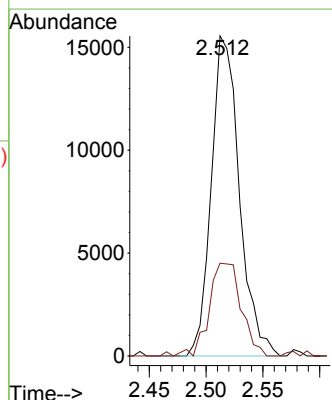
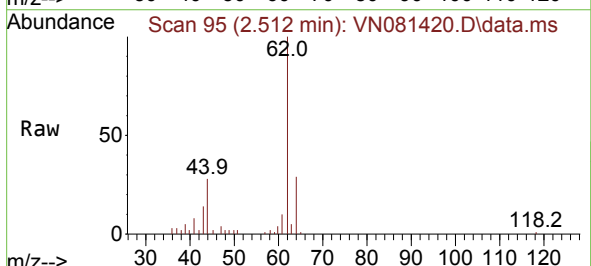
Acq: 14 Mar 2024 19:17

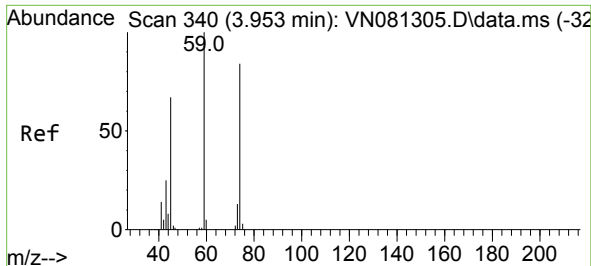
Tgt Ion: 62 Resp: 26772

Ion Ratio Lower Upper

62 100

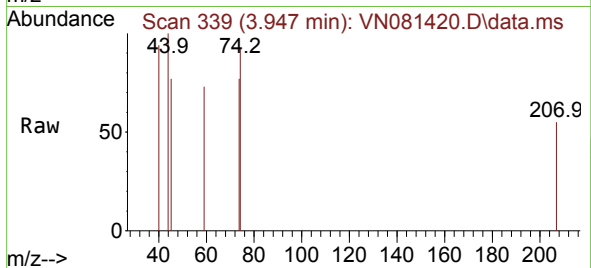
64 29.0 22.7 34.1



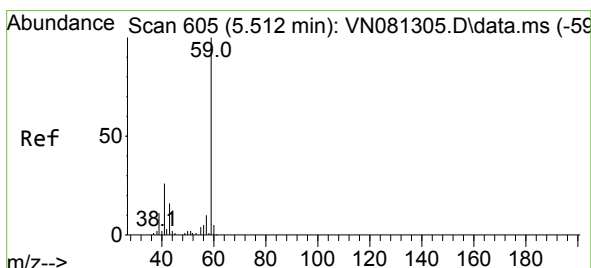
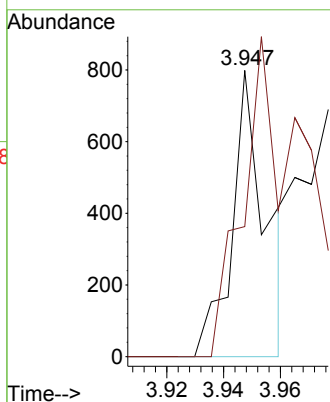
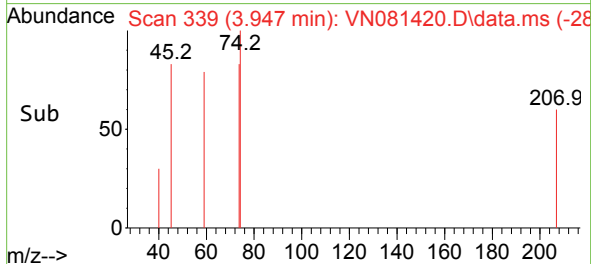


#8
Diethyl Ether
Concen: 0.271 ug/l
RT: 3.947 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :
MW-2

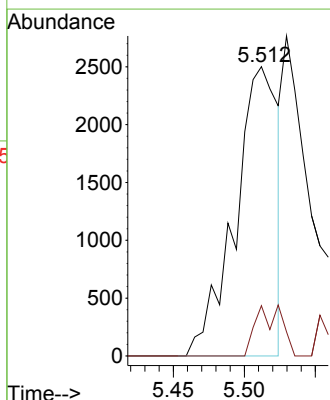
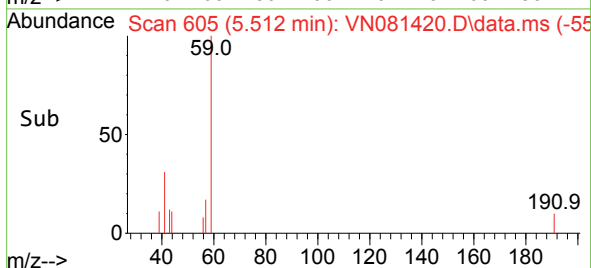
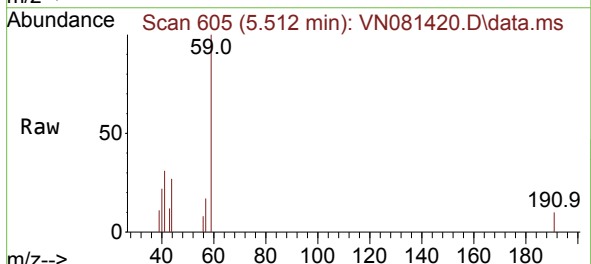


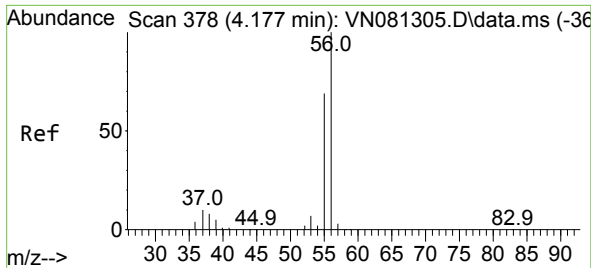
Tgt Ion: 74 Resp: 662
Ion Ratio Lower Upper
74 100
45 189.4 53.3 159.9#



#11
Tert butyl alcohol
Concen: 6.583 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 59 Resp: 5224
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

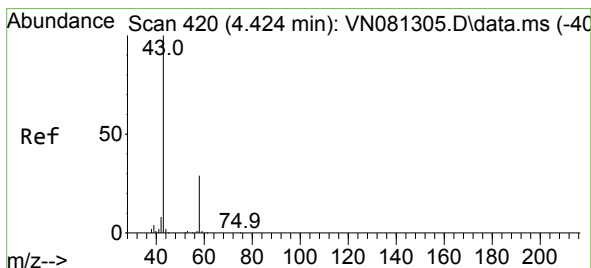
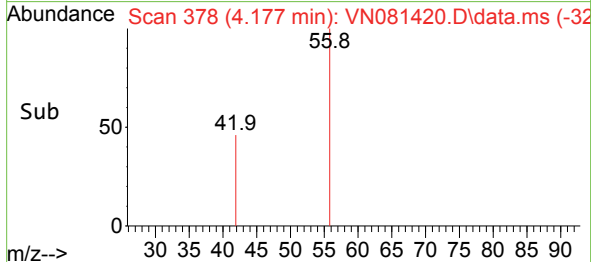
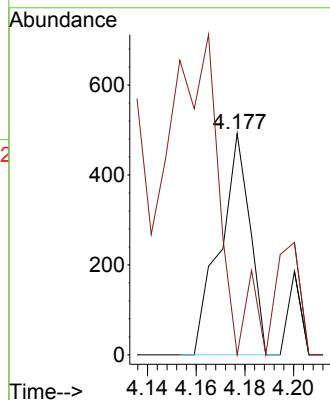
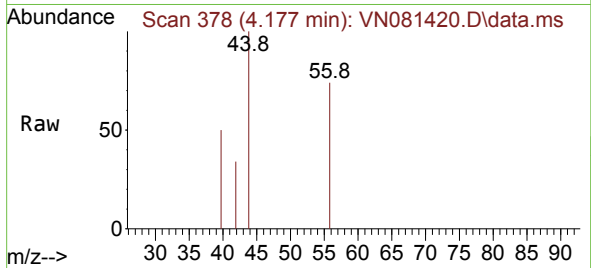




#13
Acrolein
Concen: 0.447 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

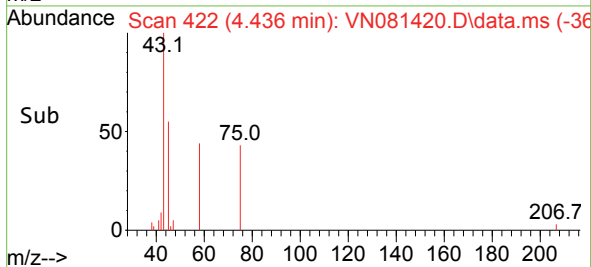
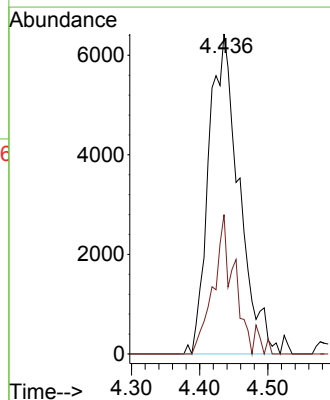
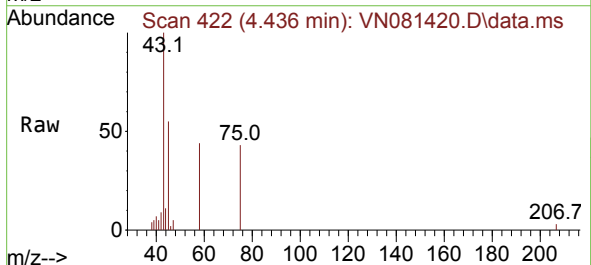
Instrument :
MSVOA_N
ClientSampleId :
MW-2

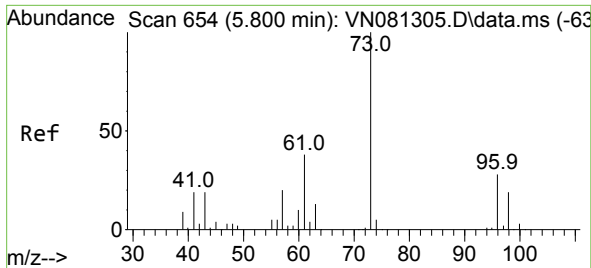
Tgt Ion: 56 Resp: 420
Ion Ratio Lower Upper
56 100
55 219.5 55.3 82.9#



#16
Acetone
Concen: 12.339 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 43 Resp: 19839
Ion Ratio Lower Upper
43 100
58 43.6 24.8 37.2#

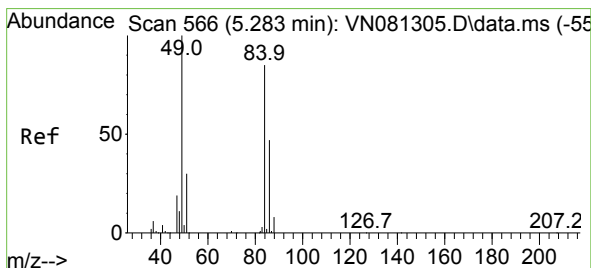
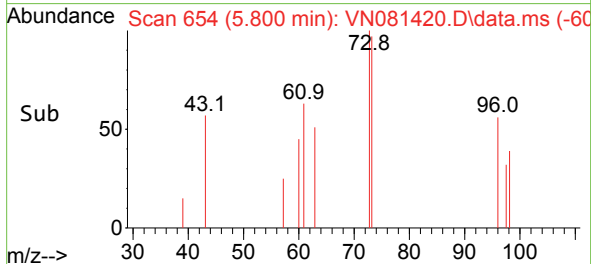
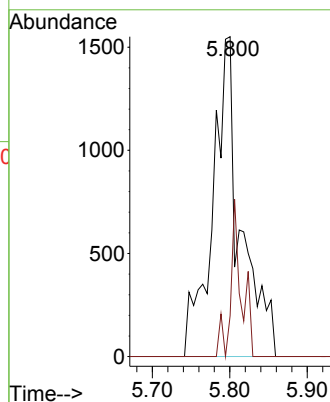
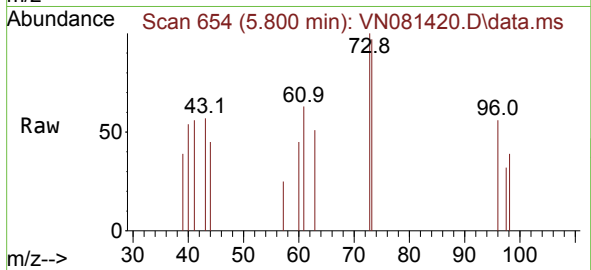




#19
Methyl tert-butyl Ether
Concen: 0.315 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

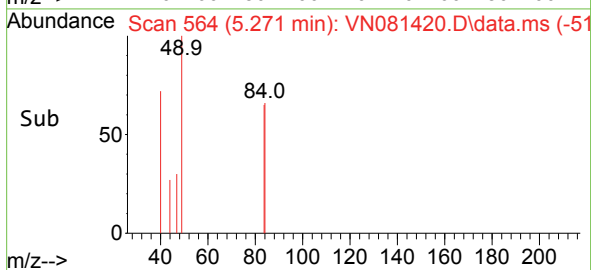
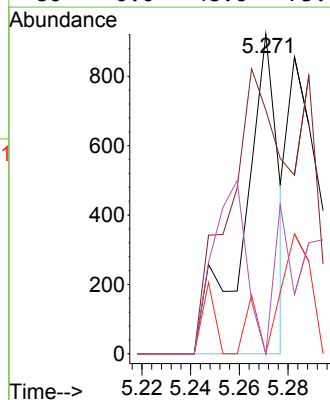
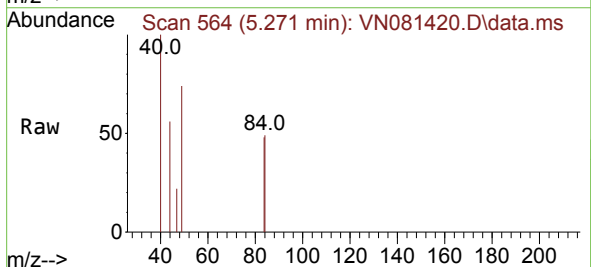
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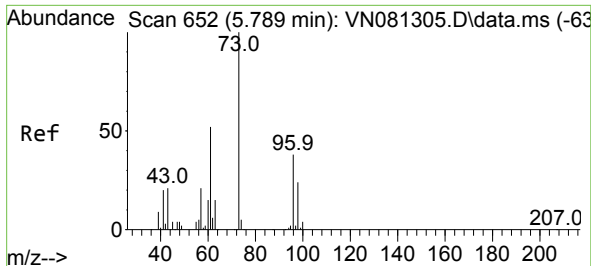
Tgt Ion: 73 Resp: 3905
Ion Ratio Lower Upper
73 100
57 12.8 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 84 Resp: 905
Ion Ratio Lower Upper
84 100
49 76.2 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

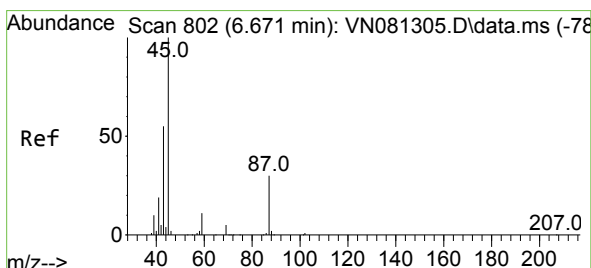
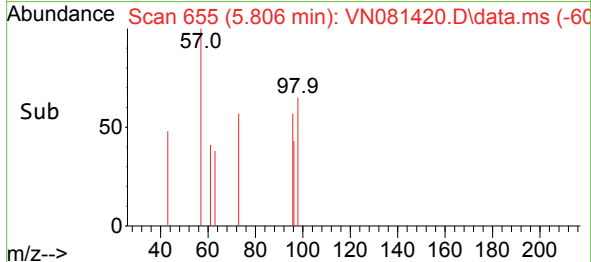
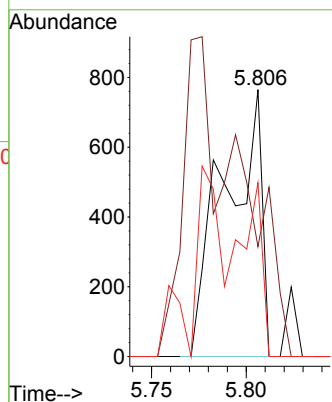
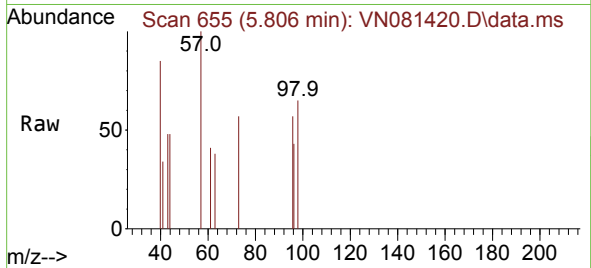




#21
trans-1,2-Dichloroethene
Concen: 0.252 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

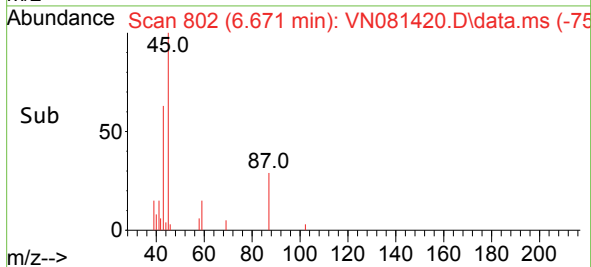
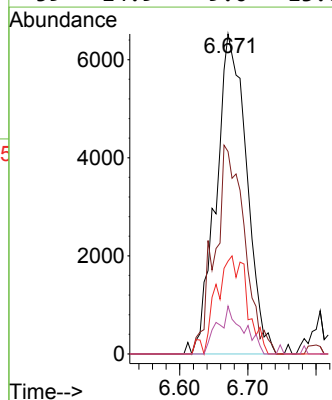
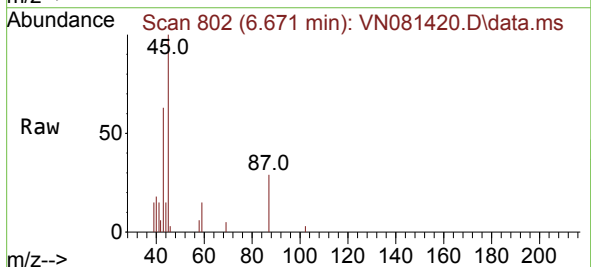
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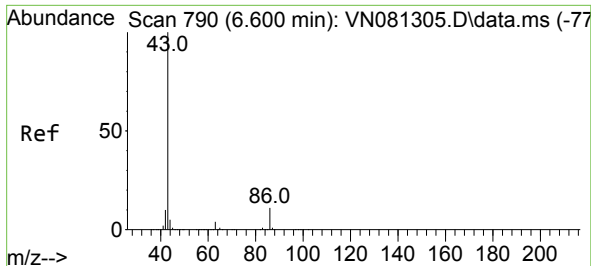
Tgt Ion: 96 Resp: 1039
Ion Ratio Lower Upper
96 100
61 17.4 112.8 169.2#
98 65.1 51.0 76.4



#22
Diisopropyl ether
Concen: 1.684 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 45 Resp: 20302
Ion Ratio Lower Upper
45 100
43 63.3 41.8 62.8#
87 29.0 18.1 27.1#
59 14.9 9.0 13.6#

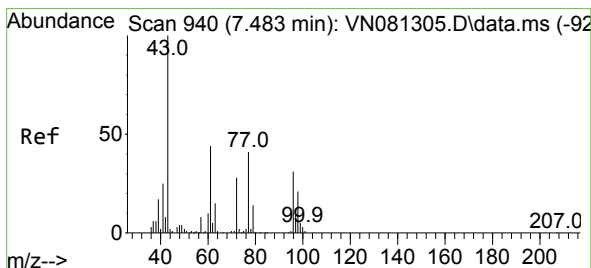
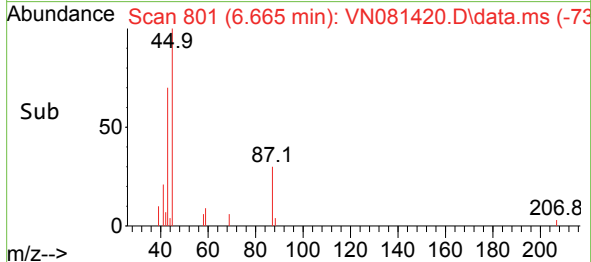
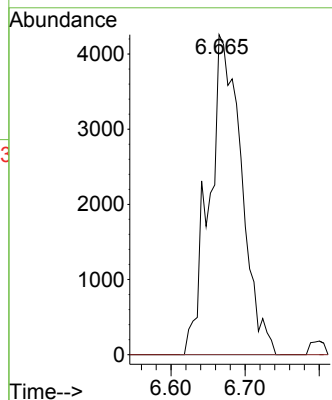
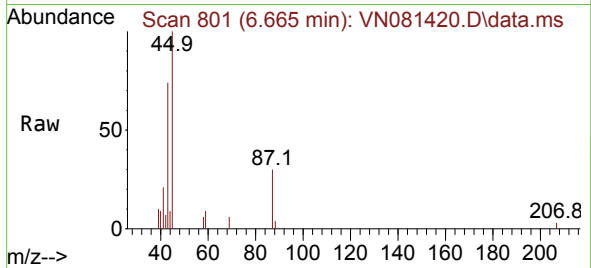




#23
 Vinyl Acetate
 Concen: 1.311 ug/l
 RT: 6.665 min Scan# 801
 Delta R.T. 0.065 min
 Lab File: VN081420.D
 Acq: 14 Mar 2024 19:17

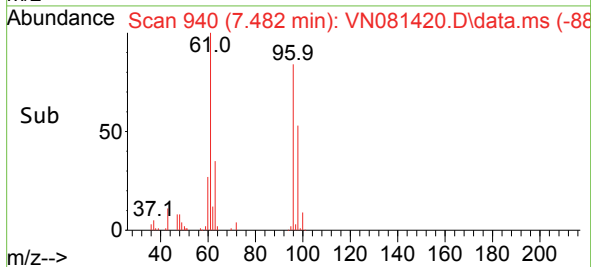
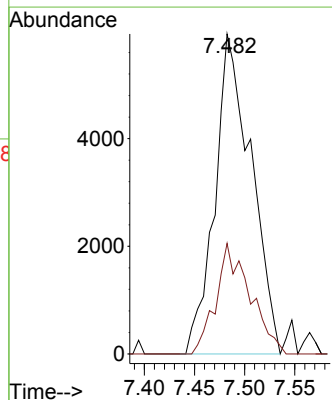
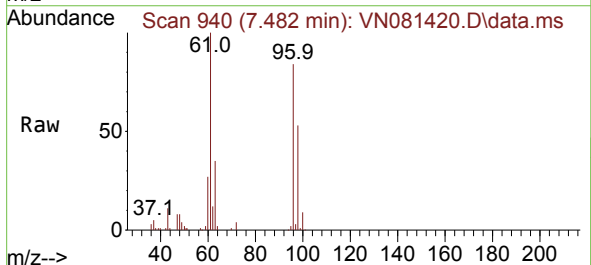
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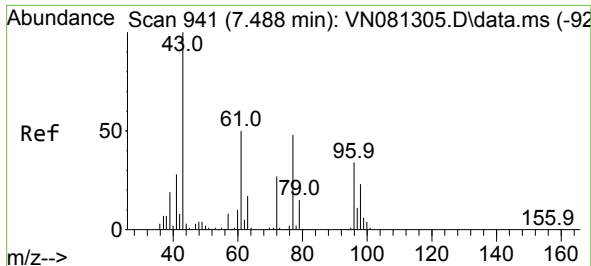
Tgt Ion: 43 Resp: 12843
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 5.561 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN081420.D
 Acq: 14 Mar 2024 19:17

Tgt Ion: 43 Resp: 14974
 Ion Ratio Lower Upper
 43 100
 72 34.5 19.5 29.3#

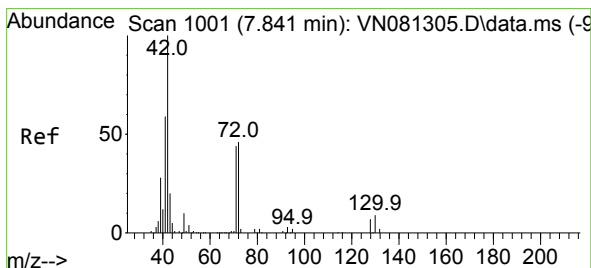
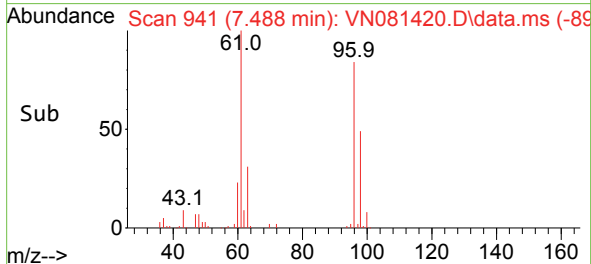
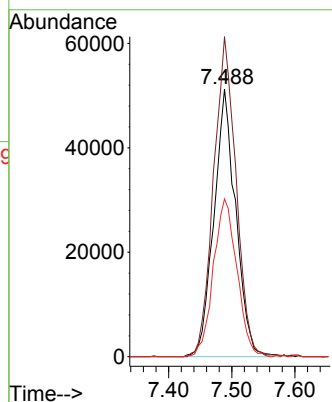
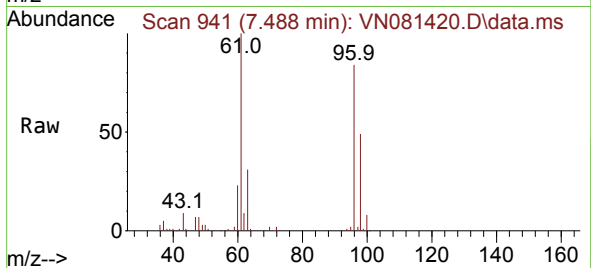




#27
 cis-1,2-Dichloroethene
 Concen: 26.303 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081420.D
 Acq: 14 Mar 2024 19:17

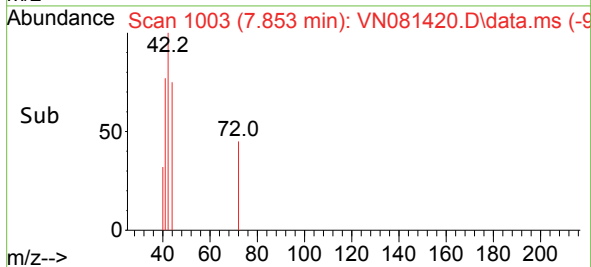
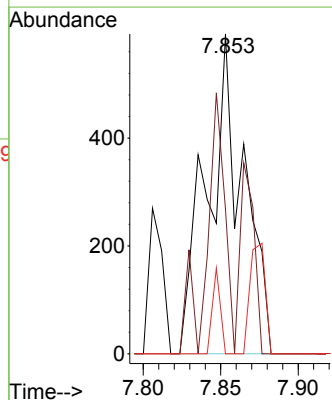
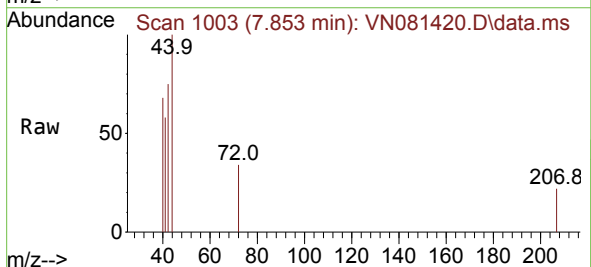
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

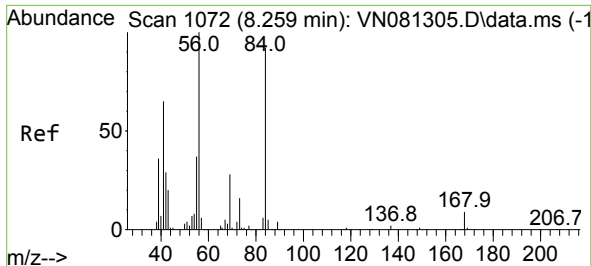
Tgt Ion: 96 Resp: 122972
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 325.4
 98 63.5 0.0 130.4



#29
 Tetrahydrofuran
 Concen: 0.520 ug/l
 RT: 7.853 min Scan# 1003
 Delta R.T. 0.012 min
 Lab File: VN081420.D
 Acq: 14 Mar 2024 19:17

Tgt Ion: 42 Resp: 954
 Ion Ratio Lower Upper
 42 100
 72 41.6 31.1 46.7
 71 5.9 28.3 42.5#

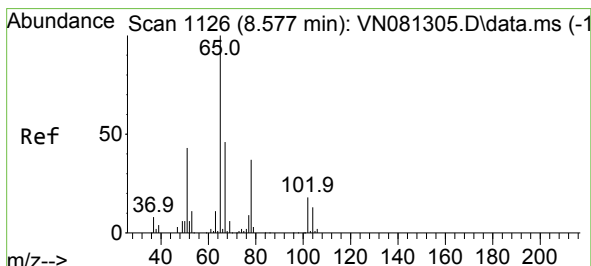
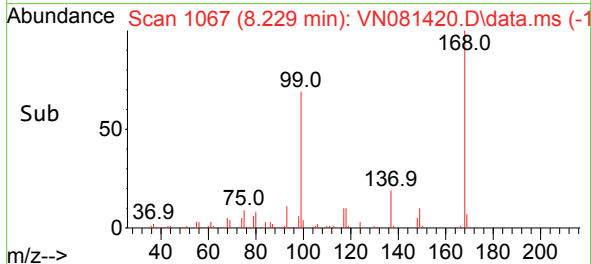
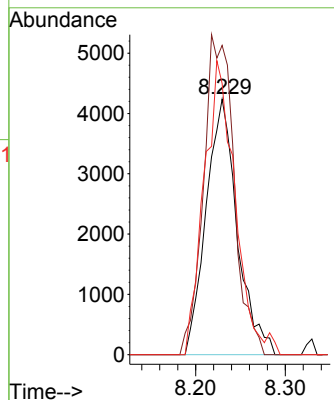
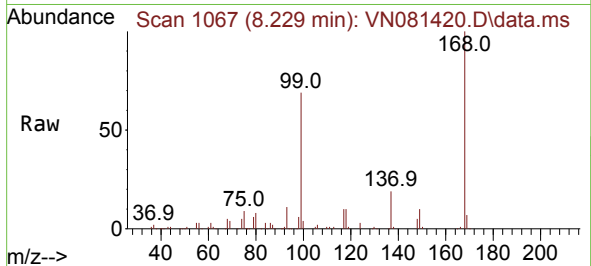




#31
Cyclohexane
Concen: 1.483 ug/l
RT: 8.229 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

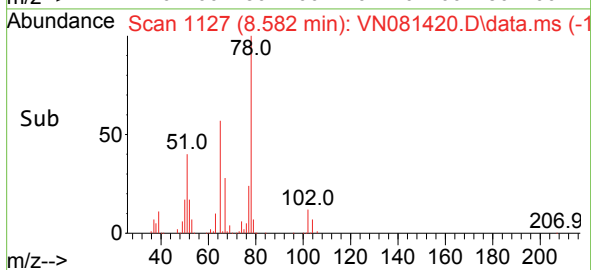
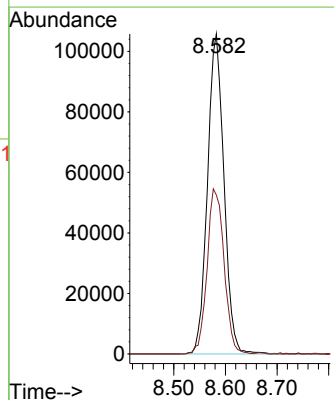
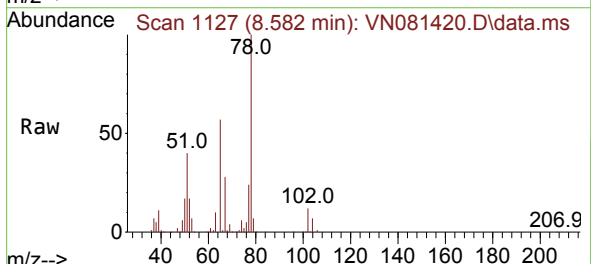
Instrument :
MSVOA_N
ClientSampleId :
MW-2

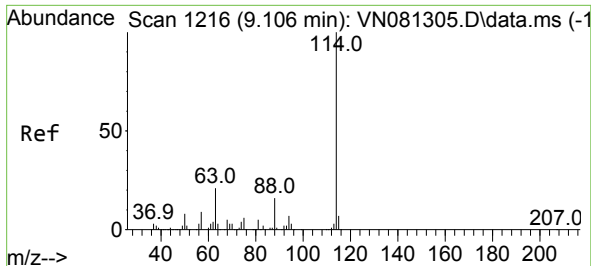
Tgt Ion: 56 Resp: 10190
Ion Ratio Lower Upper
56 100
69 121.0 20.1 30.1#
84 106.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.512 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 65 Resp: 233761
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4

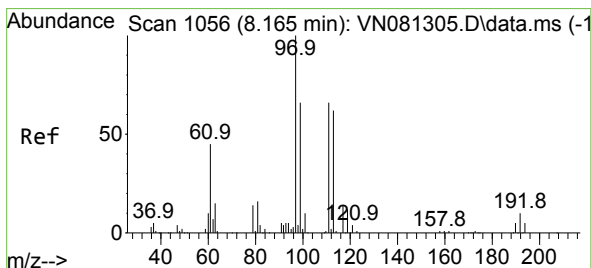
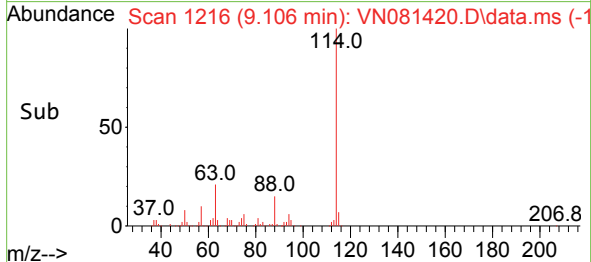
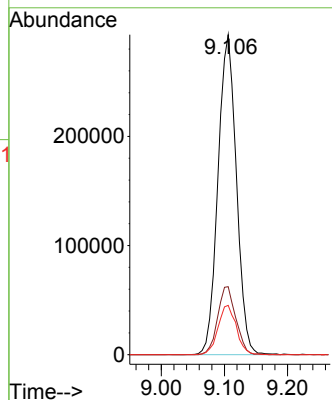
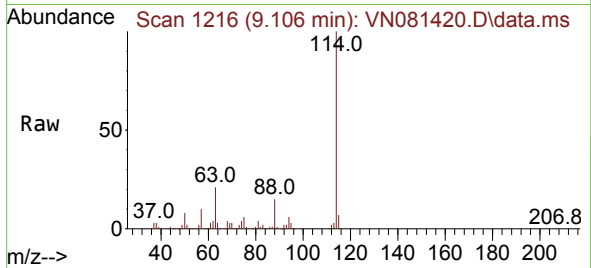




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

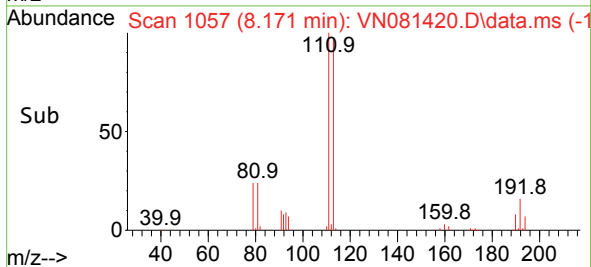
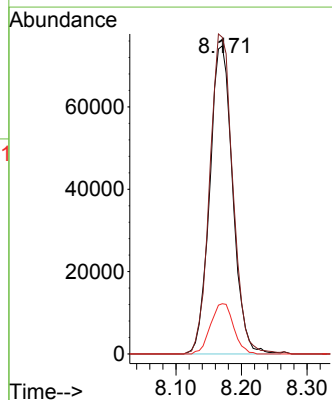
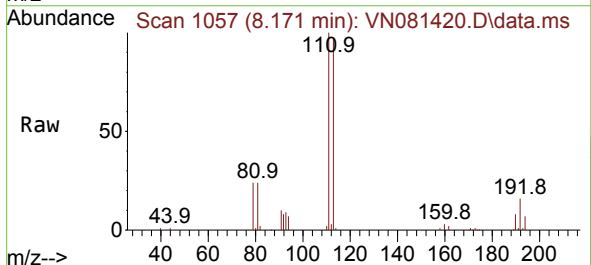
Instrument :
MSVOA_N
ClientSampleId :
MW-2

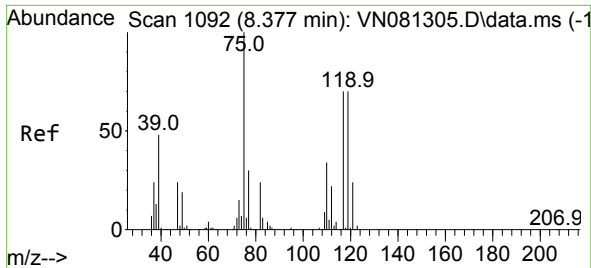
Tgt Ion:114 Resp: 593006
Ion Ratio Lower Upper
114 100
63 21.2 0.0 48.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.057 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion:113 Resp: 181864
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.4 12.5 18.7

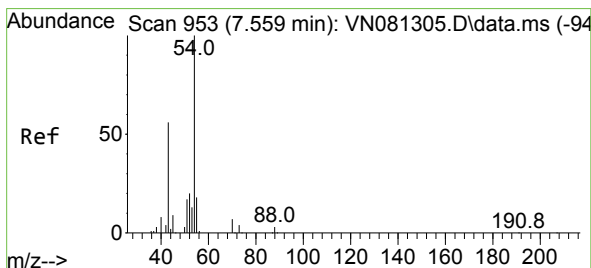
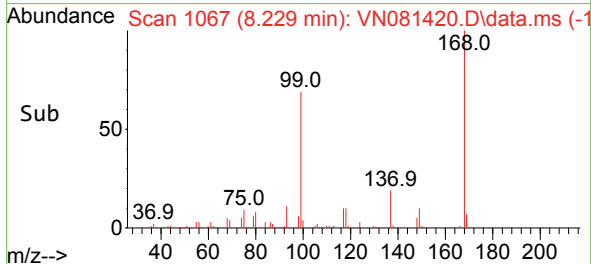
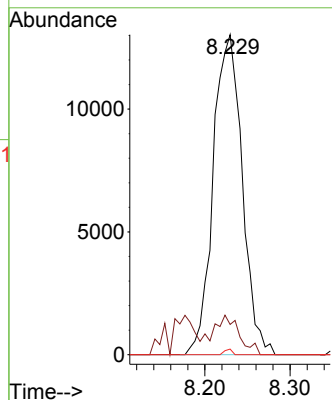
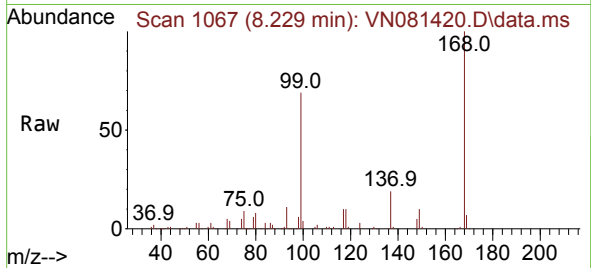




#36
1,1-Dichloropropene
Concen: 5.250 ug/l
RT: 8.229 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

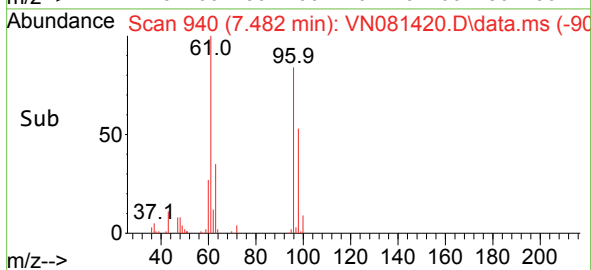
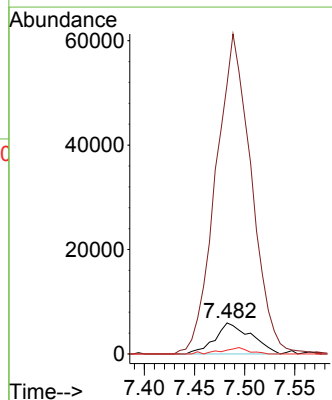
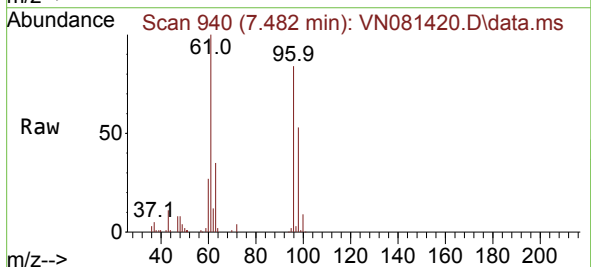
Instrument :
MSVOA_N
ClientSampleId :
MW-2

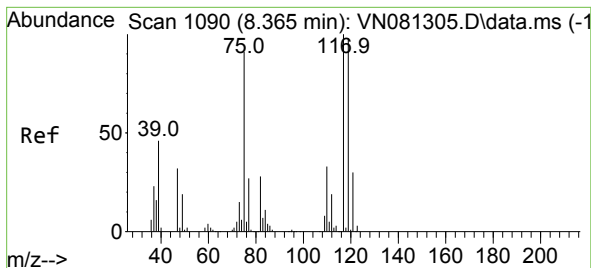
Tgt Ion: 75 Resp: 30771
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 2.613 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.077 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 43 Resp: 14974
Ion Ratio Lower Upper
43 100
61 1014.5 10.6 15.8#
70 15.3 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 6.144 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

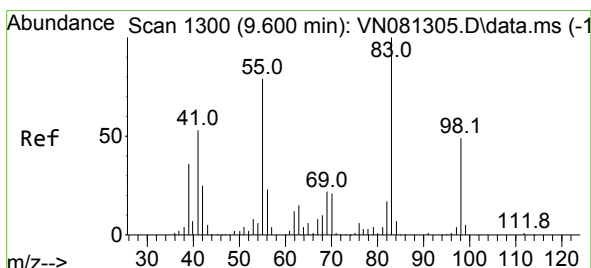
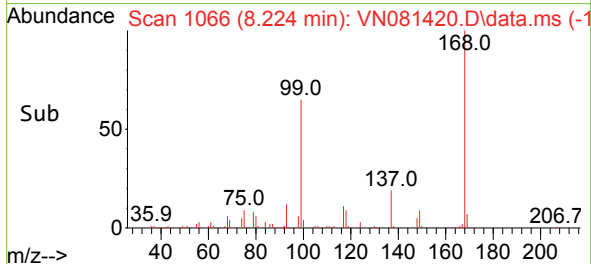
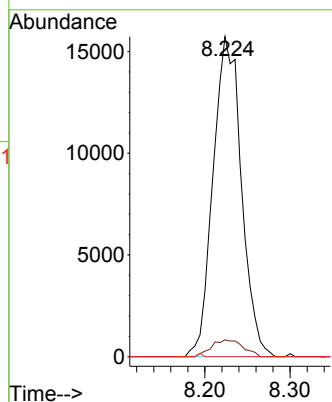
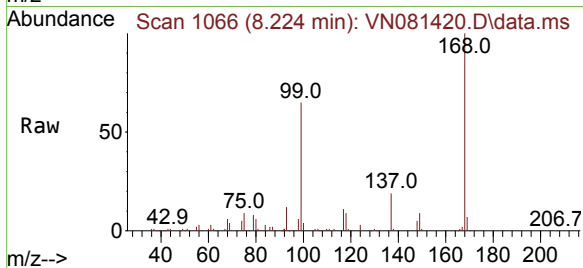
Tgt Ion:117 Resp: 36243

Ion Ratio Lower Upper

117 100

119 5.2 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 4.667 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

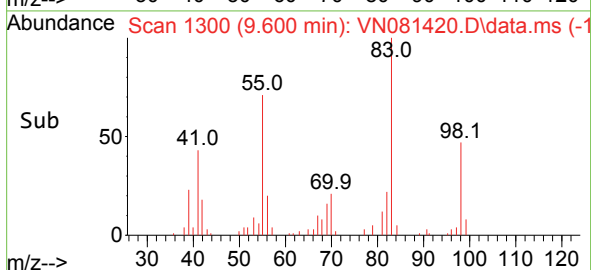
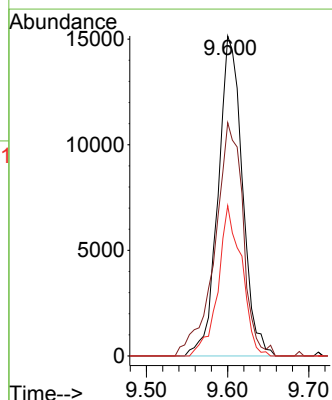
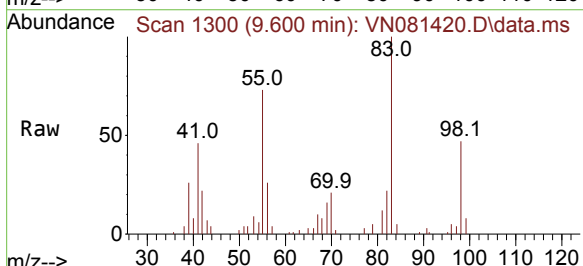
Tgt Ion: 83 Resp: 31482

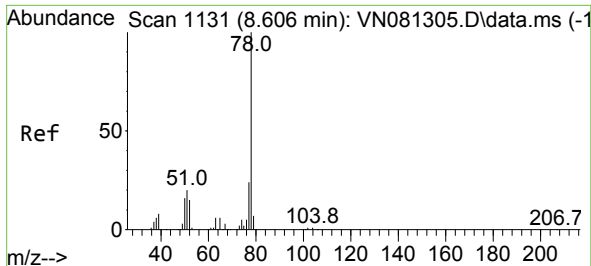
Ion Ratio Lower Upper

83 100

55 72.9 65.7 98.5

98 47.0 33.8 50.6

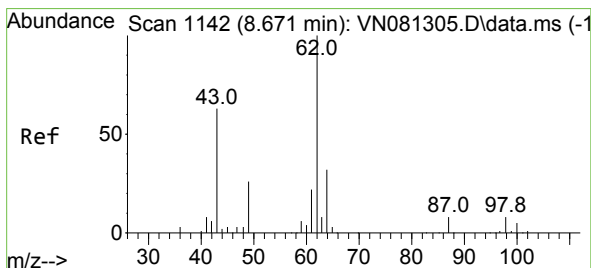
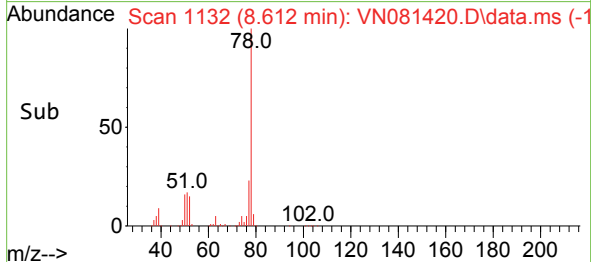
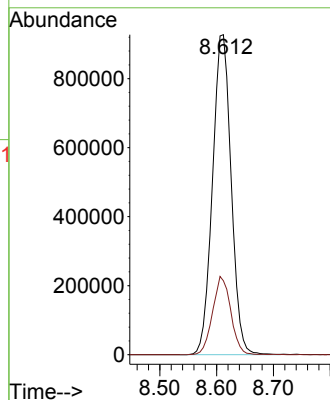
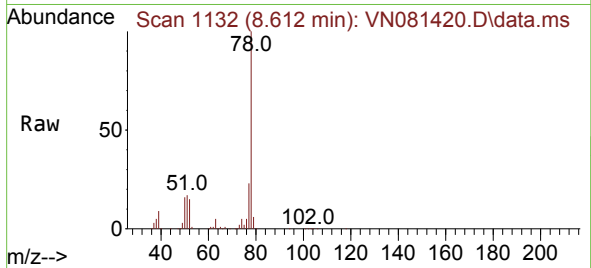




#40
Benzene
Concen: 120.764 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

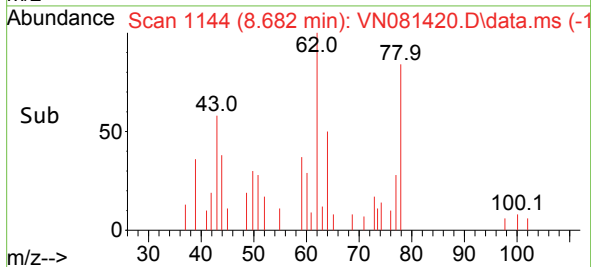
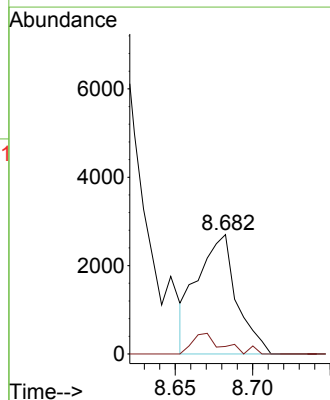
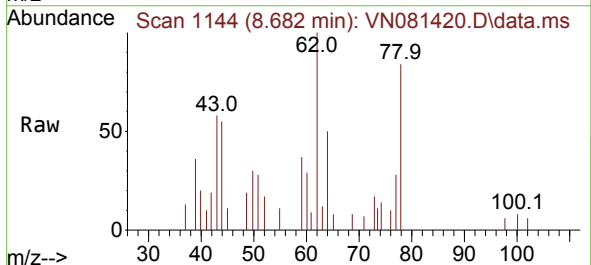
Instrument :
MSVOA_N
ClientSampleId :
MW-2

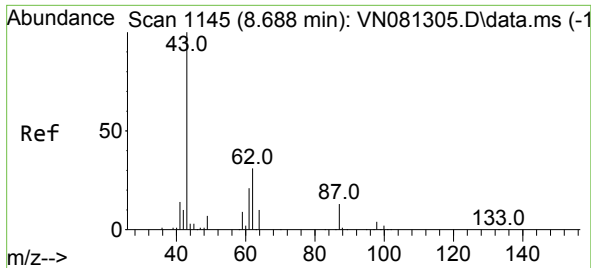
Tgt Ion: 78 Resp: 2112828
Ion Ratio Lower Upper
78 100
77 23.1 20.4 30.6



#42
1,2-Dichloroethane
Concen: 0.772 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 62 Resp: 4760
Ion Ratio Lower Upper
62 100
98 13.4 0.0 18.0

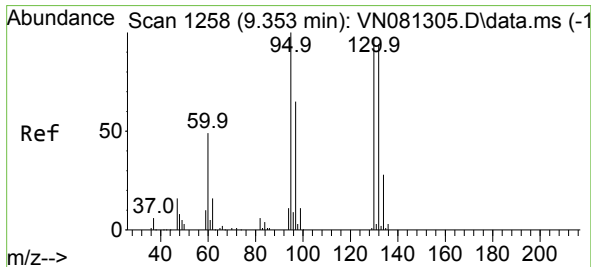
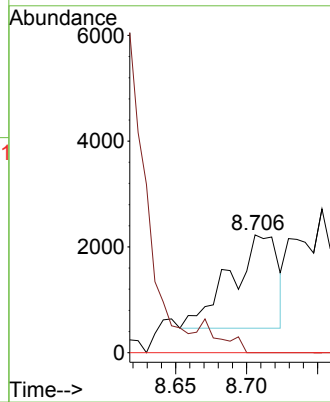
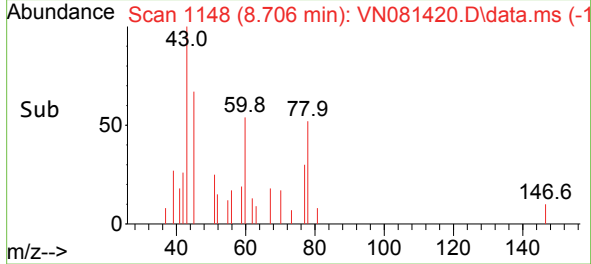
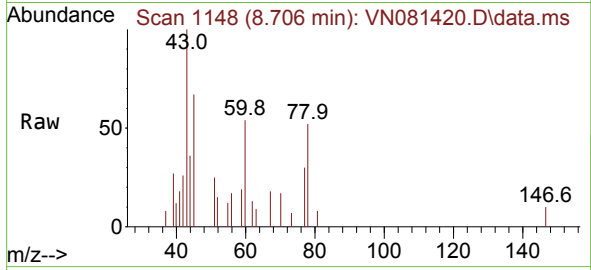




#43
Isopropyl Acetate
Concen: 0.407 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

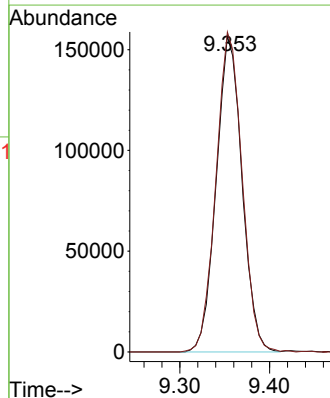
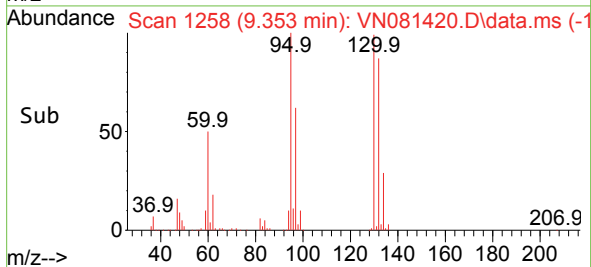
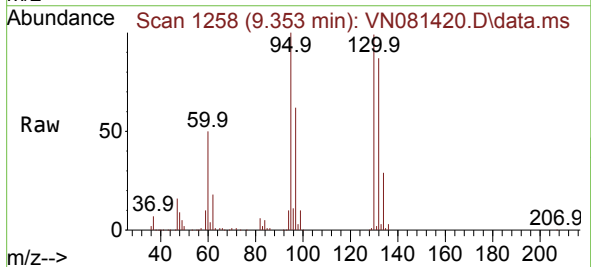
Instrument :
MSVOA_N
ClientSampleId :
MW-2

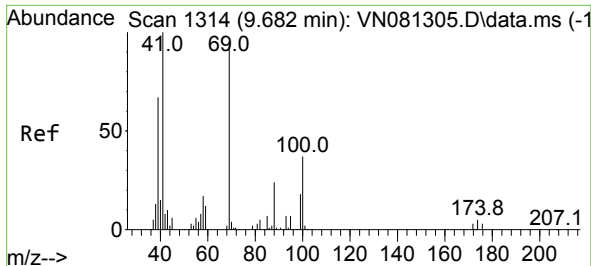
Tgt Ion: 43 Resp: 4082
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#44
Trichloroethene
Concen: 70.726 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

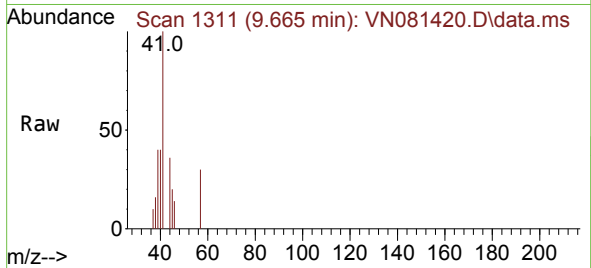
Tgt Ion:130 Resp: 312082
Ion Ratio Lower Upper
130 100
95 101.3 0.0 210.4



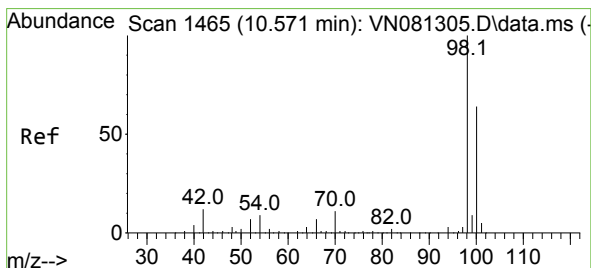
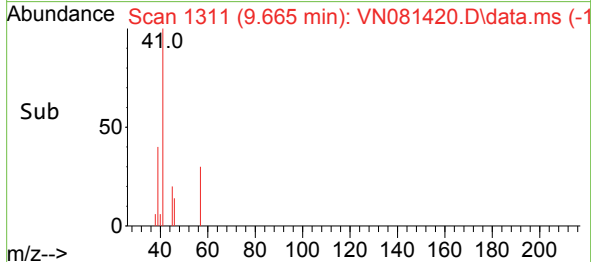
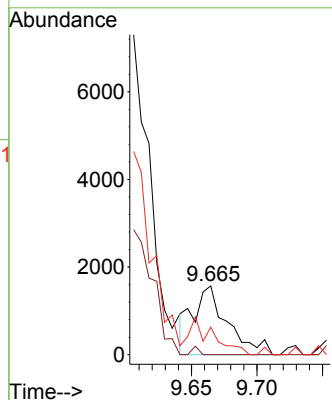


#48
Methyl methacrylate
Concen: 0.647 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :
MW-2

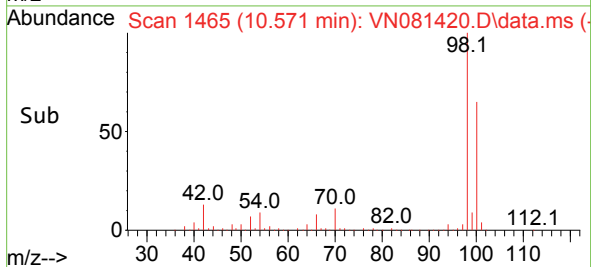
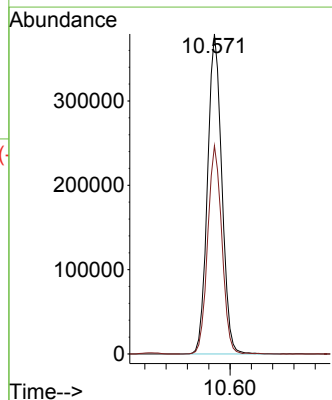
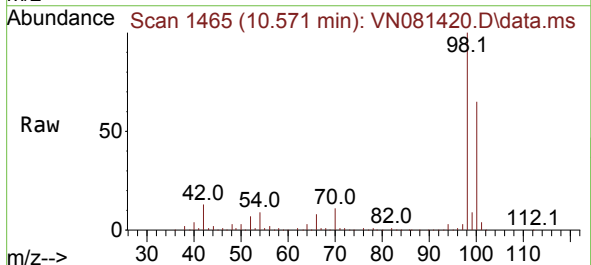


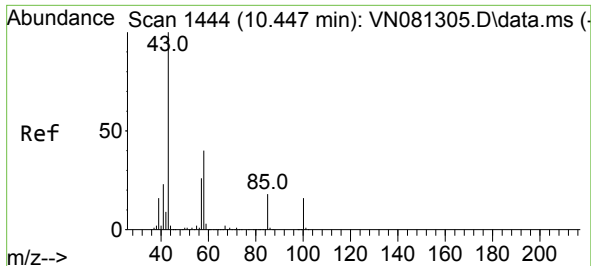
Tgt Ion: 41 Resp: 2869
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 32.6 47.6 71.4#



#50
Toluene-d8
Concen: 51.958 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 98 Resp: 705666
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

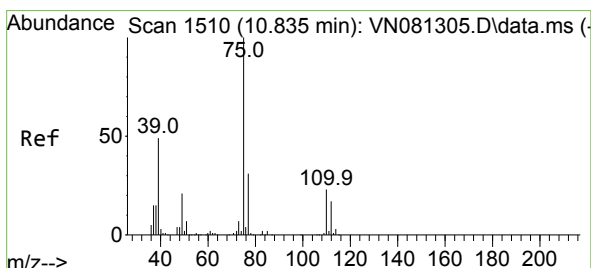
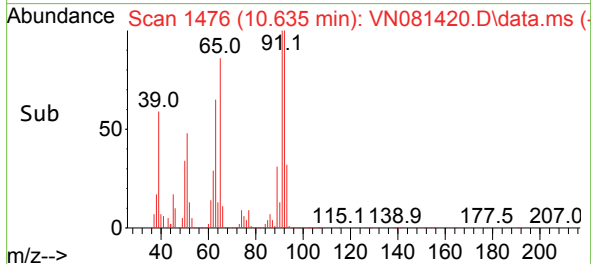
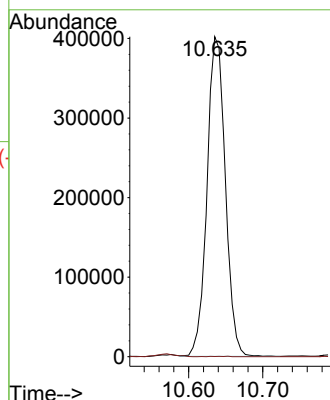
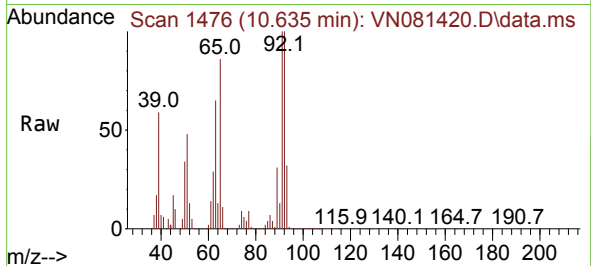




#51
4-Methyl-2-Pentanone
Concen: 118.499 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.188 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

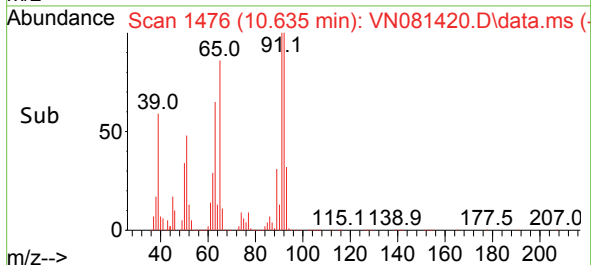
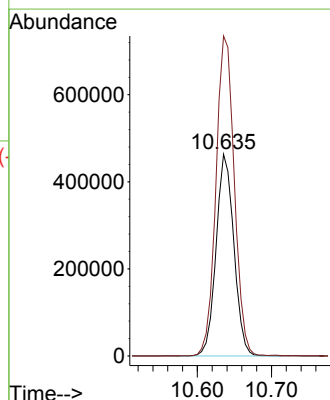
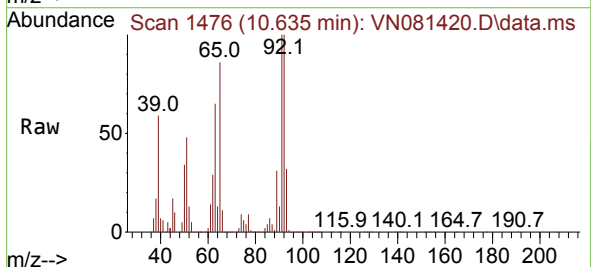
Instrument :
MSVOA_N
ClientSampleId :
MW-2

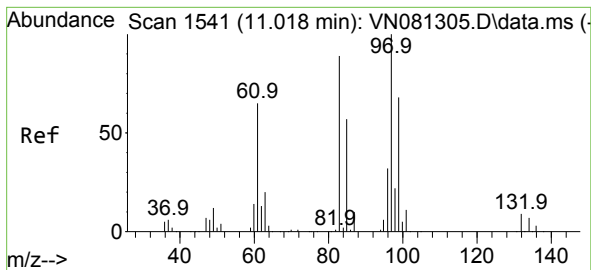
Tgt Ion: 43 Resp: 690034
Ion Ratio Lower Upper
43 100
58 0.1 29.4 44.0#



#53
t-1,3-Dichloropropene
Concen: 118.582 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.200 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 75 Resp: 771615
Ion Ratio Lower Upper
75 100
77 158.5 25.5 38.3#





#55

1,1,2-Trichloroethane

Concen: 0.298 ug/l

RT: 11.006 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tgt Ion: 97 Resp: 1250

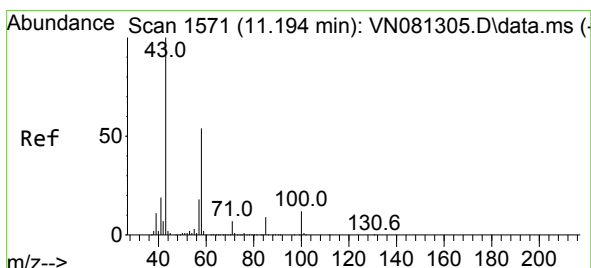
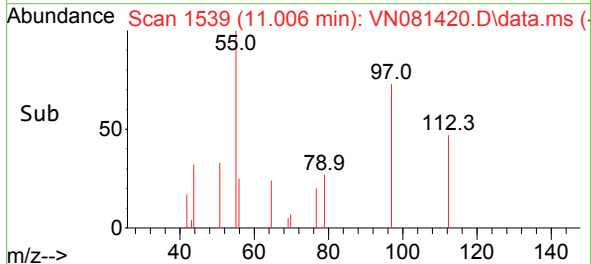
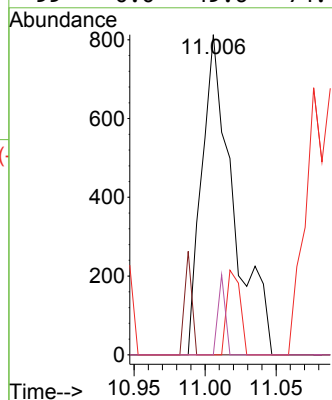
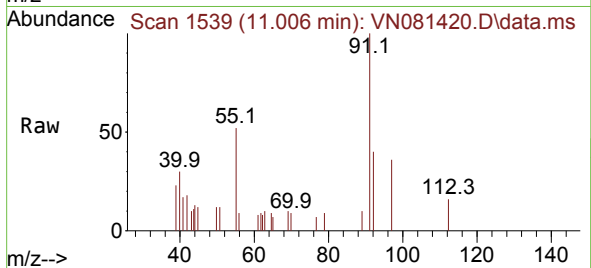
Ion Ratio Lower Upper

97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

99 0.0 49.6 74.4#



#59

2-Hexanone

Concen: 0.652 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. -0.006 min

Lab File: VN081420.D

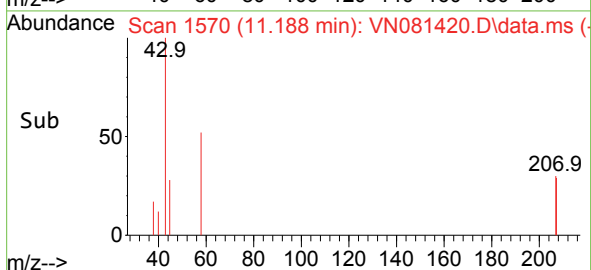
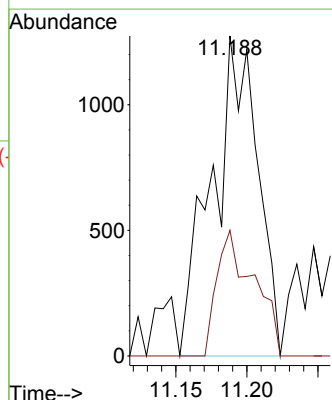
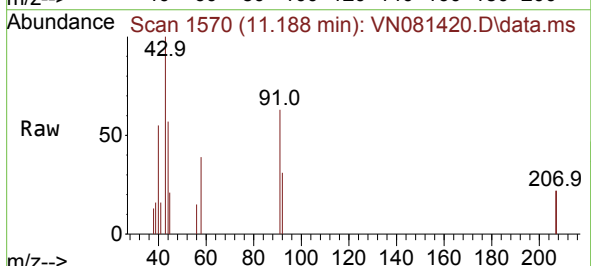
Acq: 14 Mar 2024 19:17

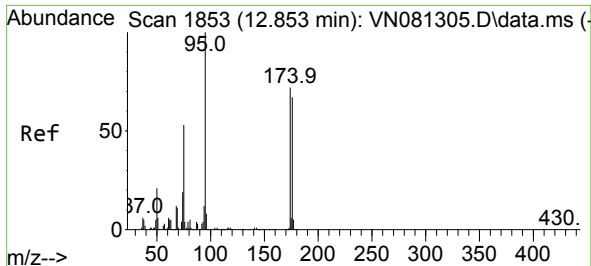
Tgt Ion: 43 Resp: 2839

Ion Ratio Lower Upper

43 100

58 31.8 25.9 77.8

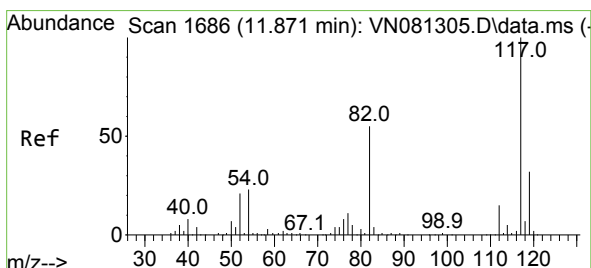
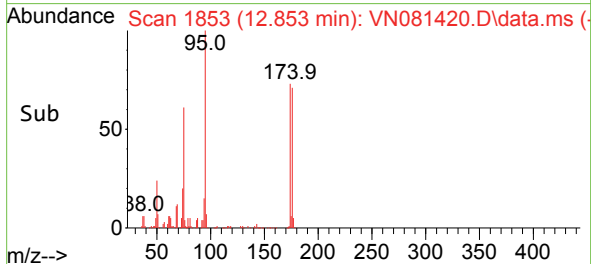
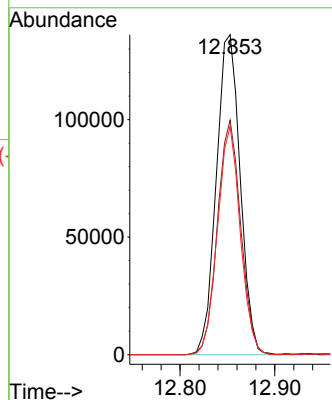
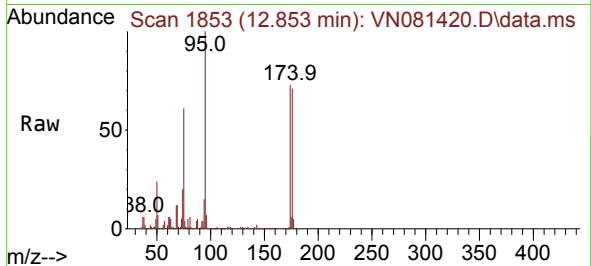




#62
4-Bromofluorobenzene
Concen: 49.668 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

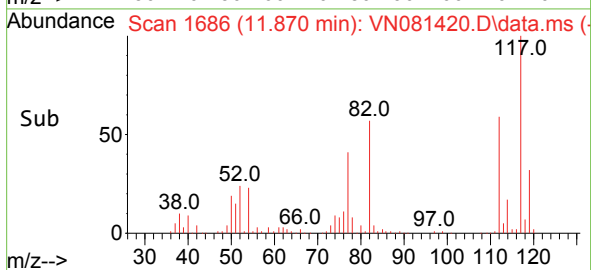
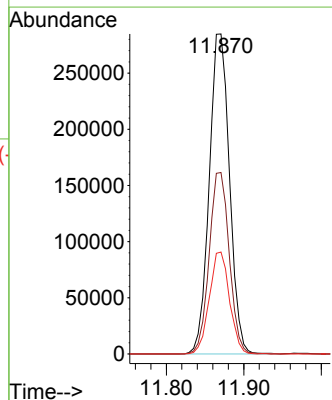
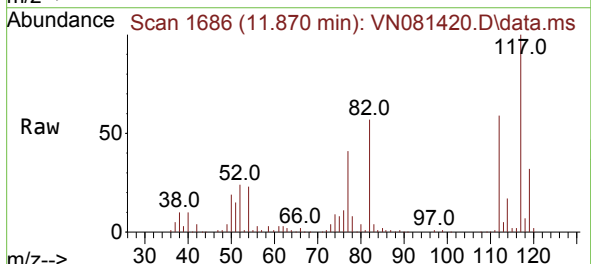
Instrument :
MSVOA_N
ClientSampleId :
MW-2

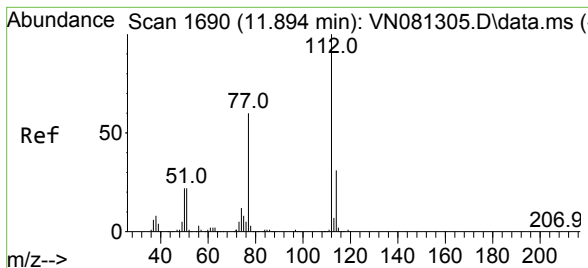
Tgt Ion: 95 Resp: 238419
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 68.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 117 Resp: 518919
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 31.8 25.3 37.9

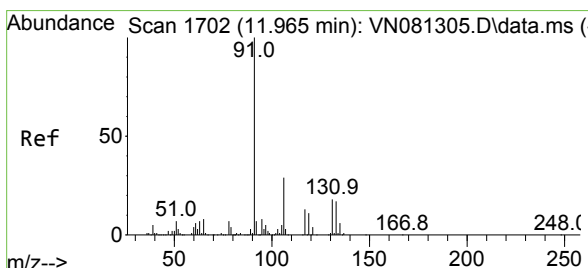
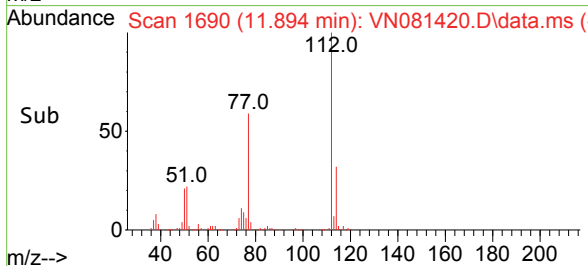
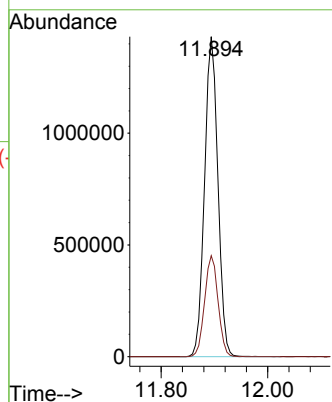
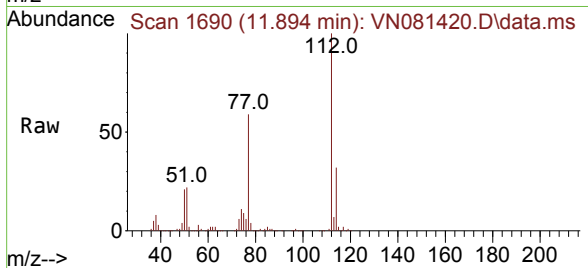




#65
Chlorobenzene
Concen: 227.296 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

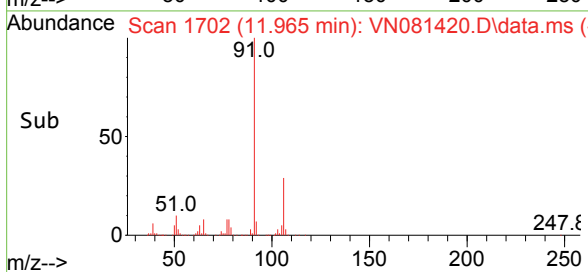
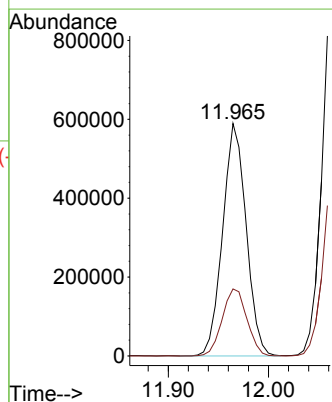
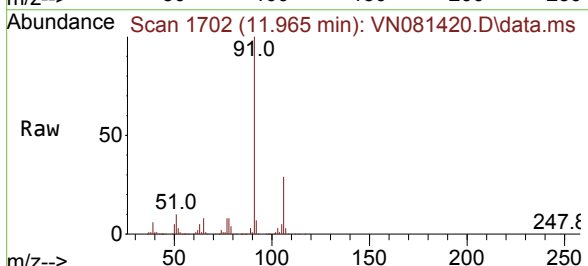
Instrument :
MSVOA_N
ClientSampleId :
MW-2

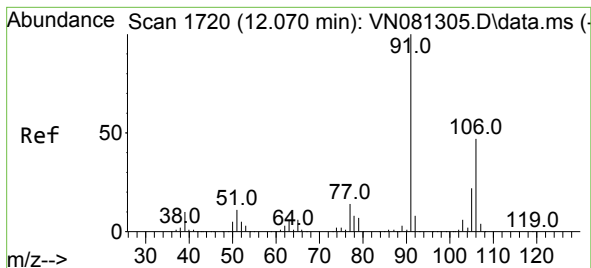
Tgt Ion:112 Resp: 2485469
Ion Ratio Lower Upper
112 100
114 31.6 23.7 35.5



#67
Ethyl Benzene
Concen: 48.783 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 91 Resp: 960913
Ion Ratio Lower Upper
91 100
106 28.8 23.8 35.6





#68

m/p-Xylenes

Concen: 151.723 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

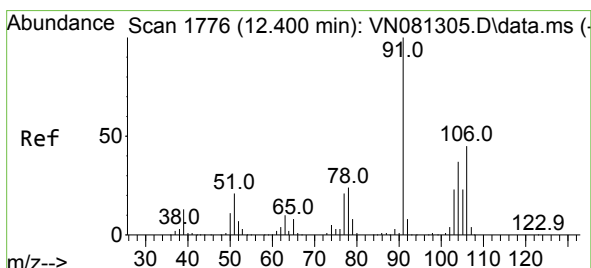
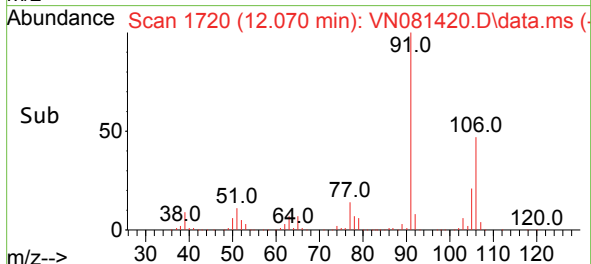
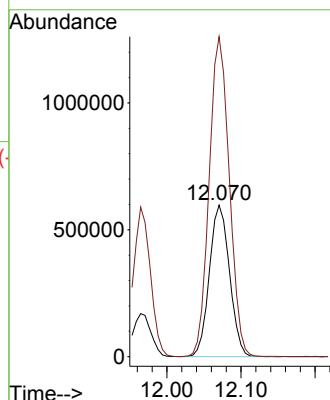
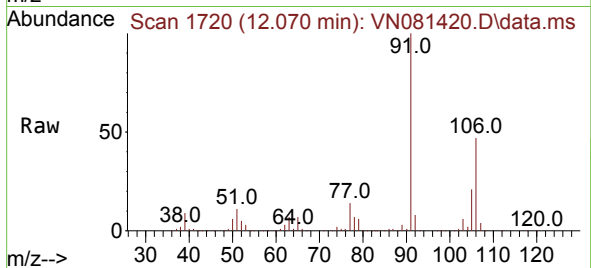
MW-2

Tgt Ion:106 Resp: 1124727

Ion Ratio Lower Upper

106 100

91 211.4 169.0 253.6



#69

o-Xylene

Concen: 42.451 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081420.D

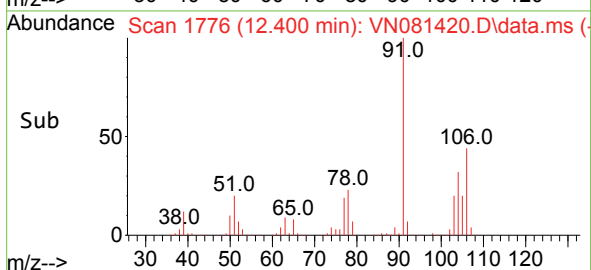
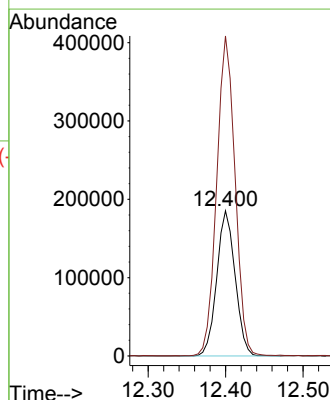
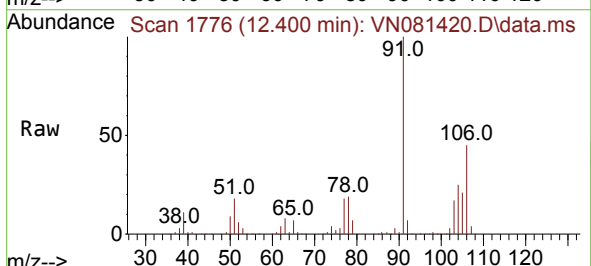
Acq: 14 Mar 2024 19:17

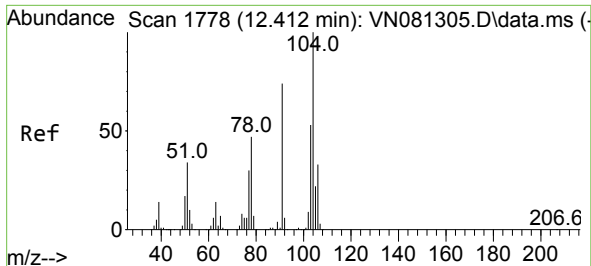
Tgt Ion:106 Resp: 304981

Ion Ratio Lower Upper

106 100

91 220.3 112.1 336.3

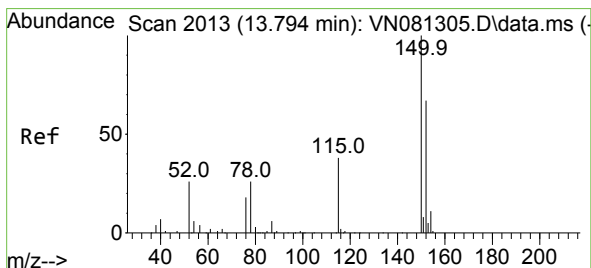
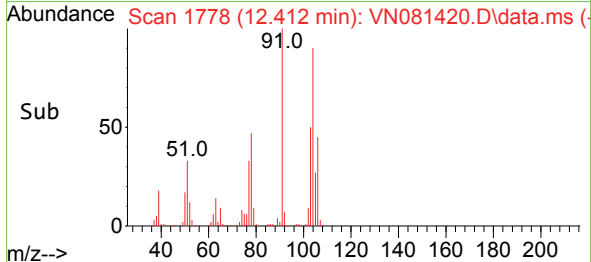
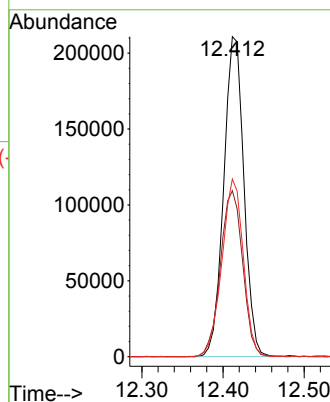
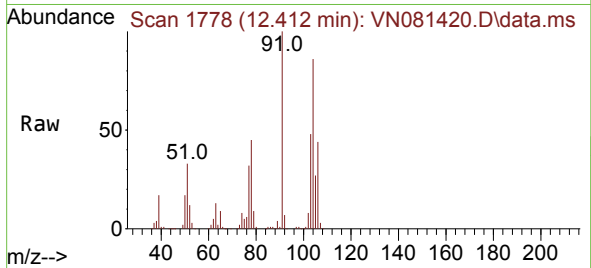




#70
Styrene
Concen: 32.033 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

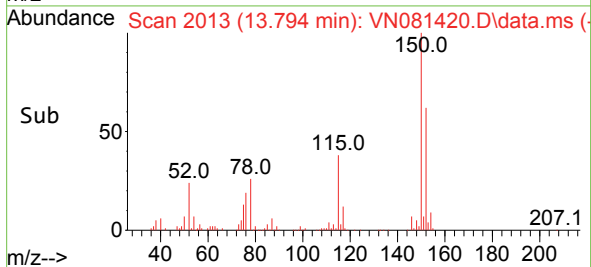
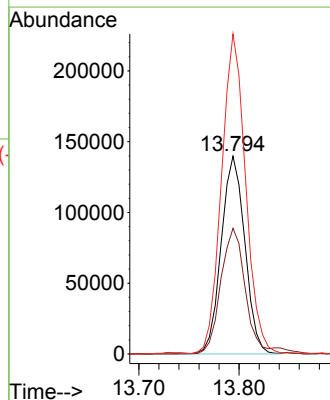
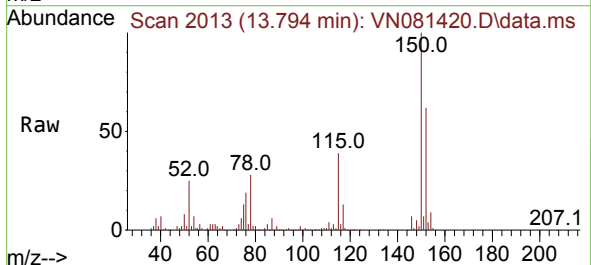
Instrument :
MSVOA_N
ClientSampleId :
MW-2

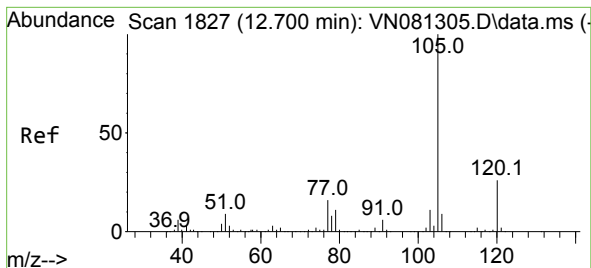
Tgt Ion:104 Resp: 364707
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.8
103 59.0 44.2 66.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion:152 Resp: 228335
Ion Ratio Lower Upper
152 100
115 67.6 32.3 96.8
150 164.3 0.0 339.8





#73

Isopropylbenzene

Concen: 2.605 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

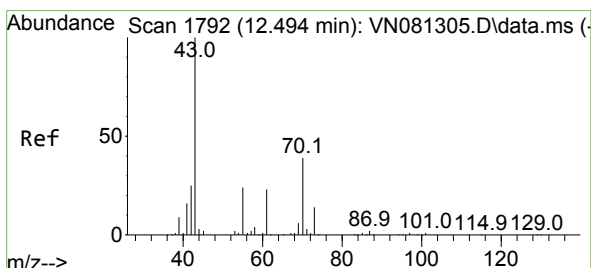
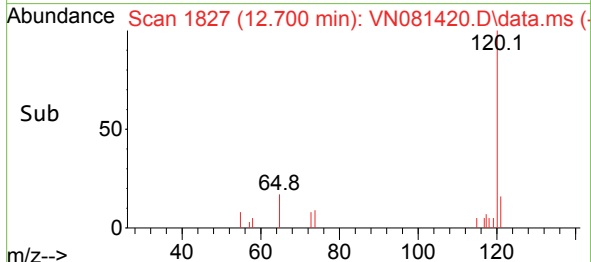
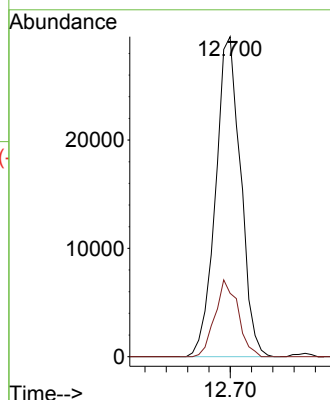
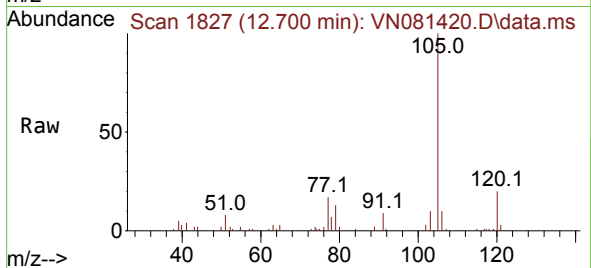
MW-2

Tgt Ion:105 Resp: 48026

Ion Ratio Lower Upper

105 100

120 22.2 12.6 37.6



#74

N-ethyl acetate

Concen: 0.981 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Tgt Ion: 43 Resp: 7592

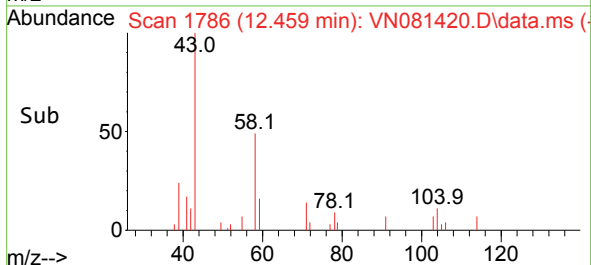
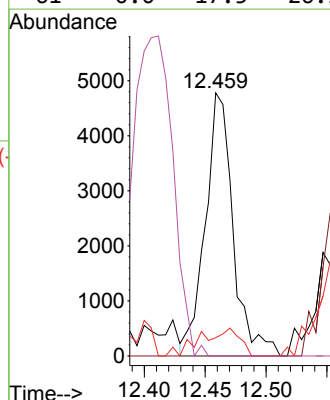
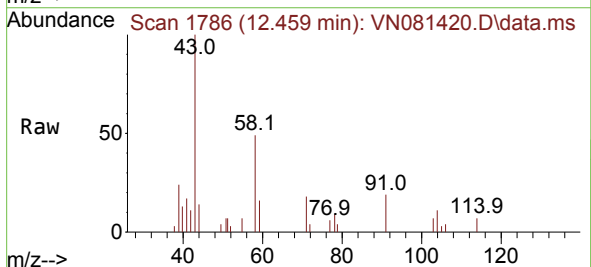
Ion Ratio Lower Upper

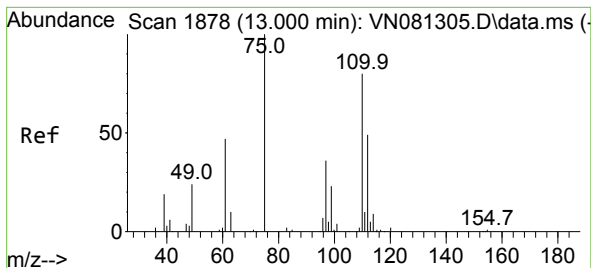
43 100

70 0.0 30.1 45.1#

55 14.9 17.0 25.4#

61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 25.842 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

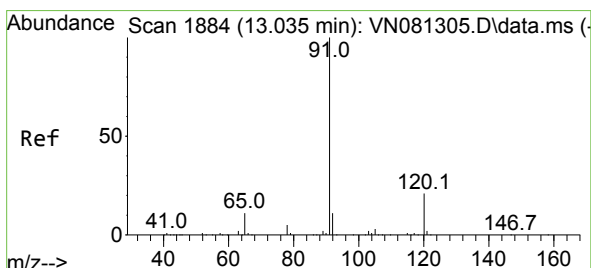
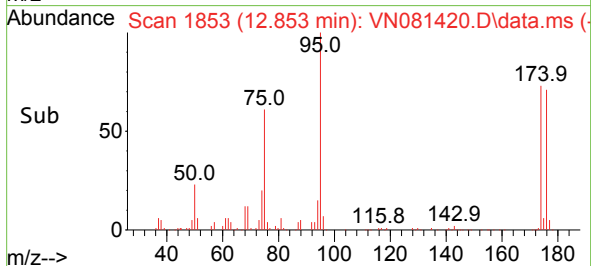
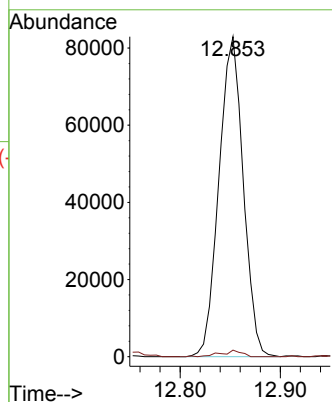
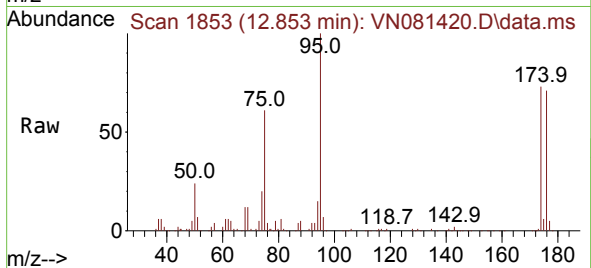
MW-2

Tgt Ion: 75 Resp: 139374

Ion Ratio Lower Upper

75 100

77 1.7 91.0 272.8#



#78

n-propylbenzene

Concen: 1.661 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081420.D

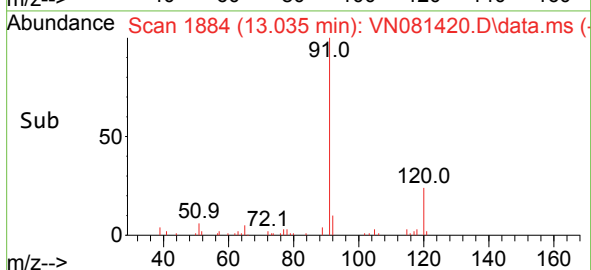
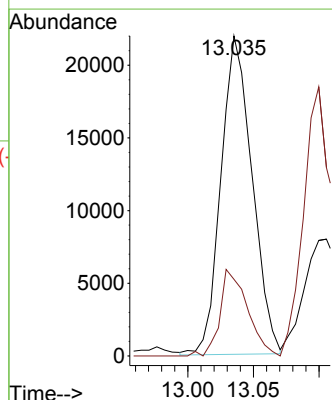
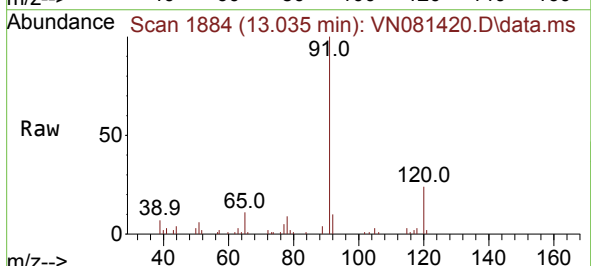
Acq: 14 Mar 2024 19:17

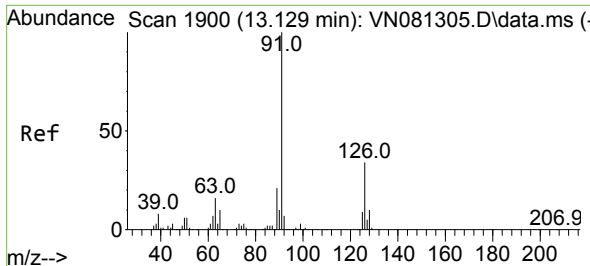
Tgt Ion: 91 Resp: 36213

Ion Ratio Lower Upper

91 100

120 23.9 10.3 30.9

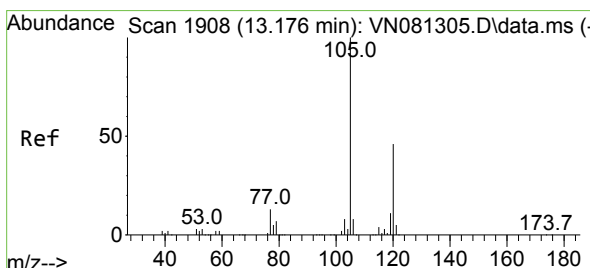
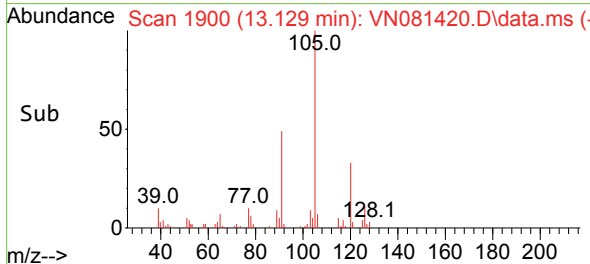
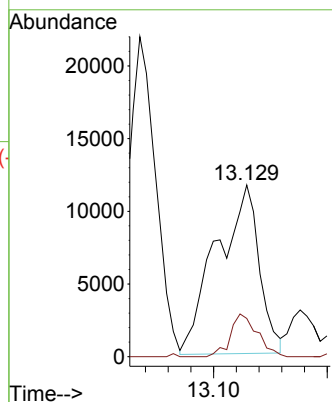
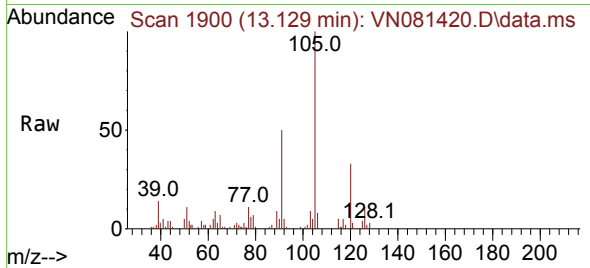




#79
2-Chlorotoluene
Concen: 2.284 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

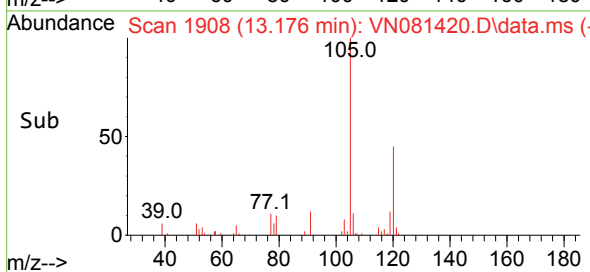
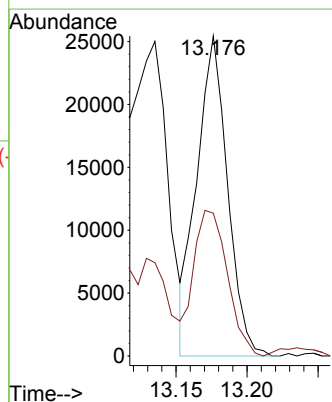
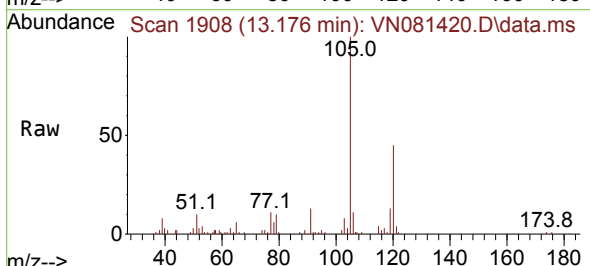
Instrument :
MSVOA_N
ClientSampleId :
MW-2

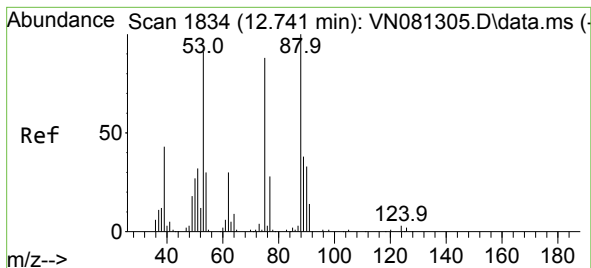
Tgt Ion: 91 Resp: 30448
Ion Ratio Lower Upper
91 100
126 15.9 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 2.507 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 105 Resp: 38217
Ion Ratio Lower Upper
105 100
120 50.1 23.0 69.0

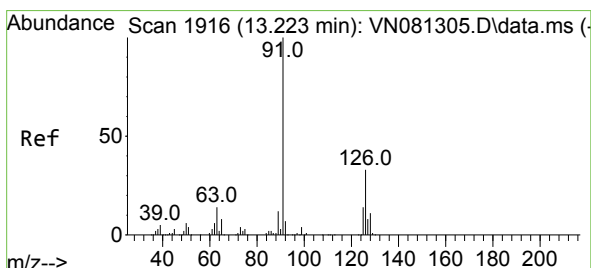
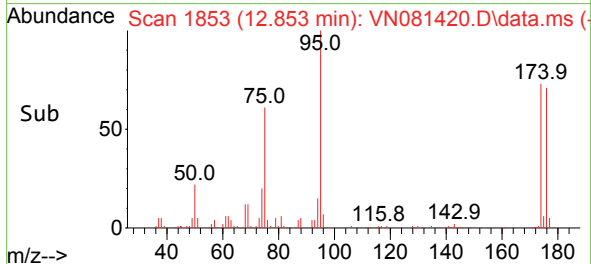
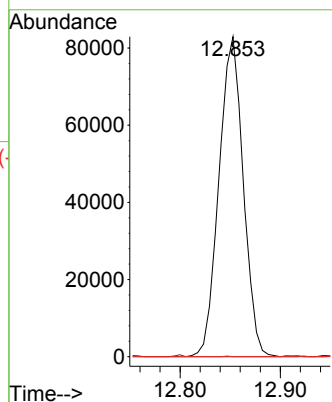
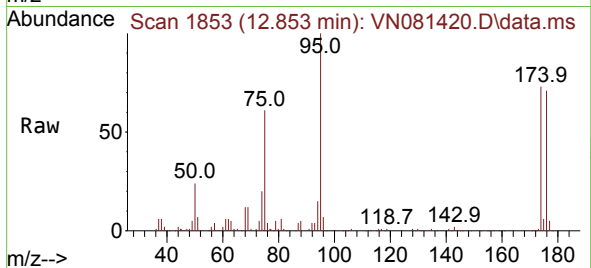




#81
trans-1,4-Dichloro-2-butene
Concen: 72.122 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

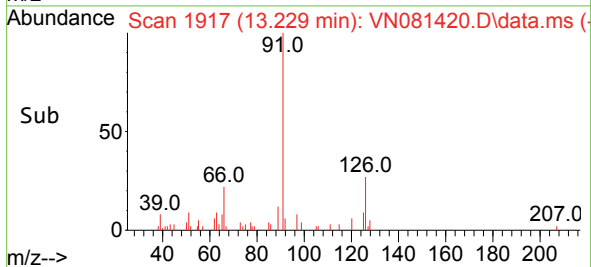
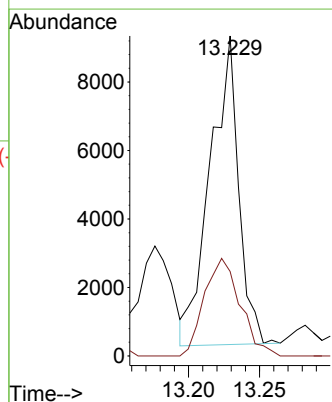
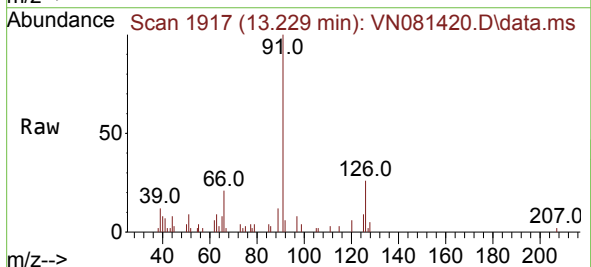
Instrument :
MSVOA_N
ClientSampleId :
MW-2

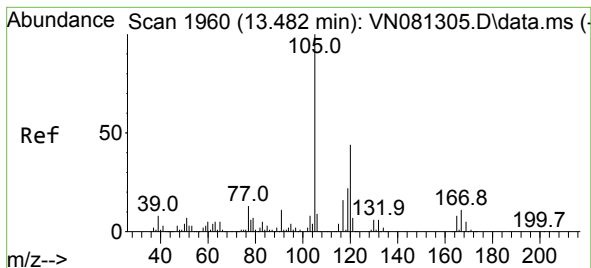
Tgt Ion: 75 Resp: 139374
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 0.952 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN081420.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 91 Resp: 12537
Ion Ratio Lower Upper
91 100
126 40.1 15.3 45.9





#84

1,2,4-Trimethylbenzene

Concen: 8.594 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

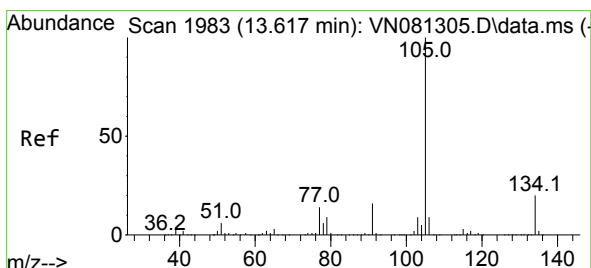
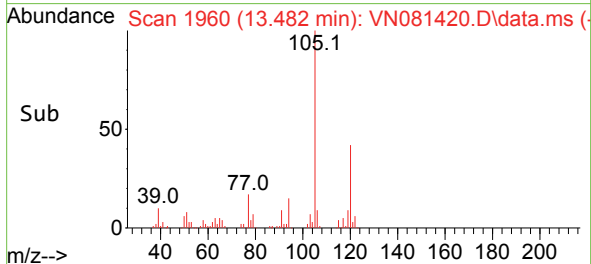
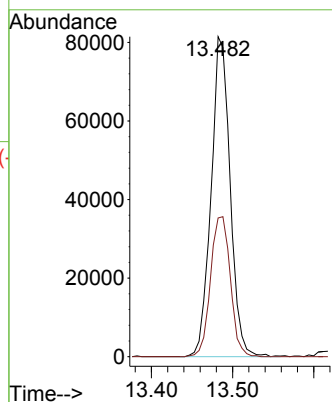
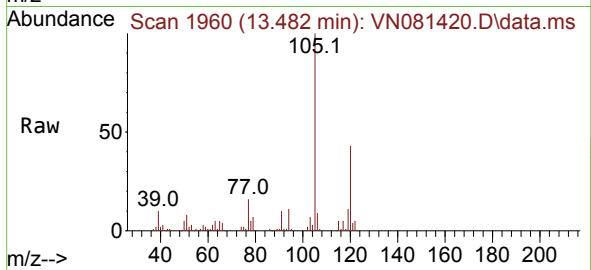
MW-2

Tgt Ion:105 Resp: 132716

Ion Ratio Lower Upper

105 100

120 45.5 20.9 62.7



#85

sec-Butylbenzene

Concen: 7.021 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081420.D

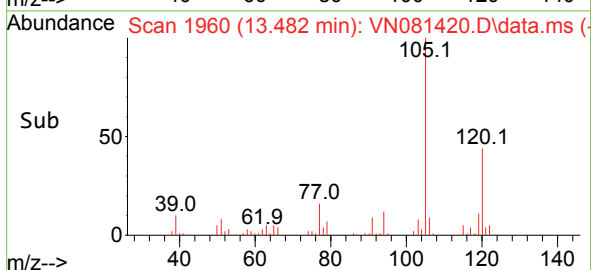
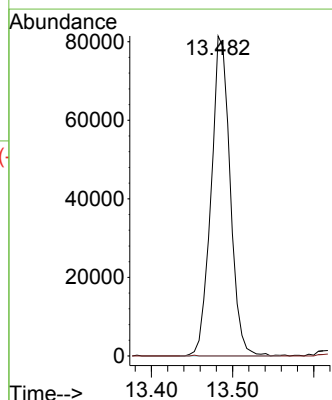
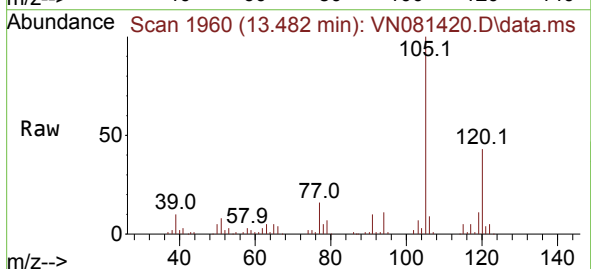
Acq: 14 Mar 2024 19:17

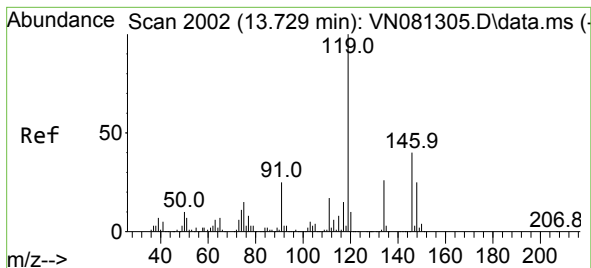
Tgt Ion:105 Resp: 132716

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 0.869 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

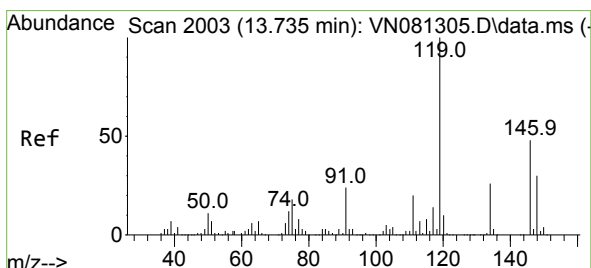
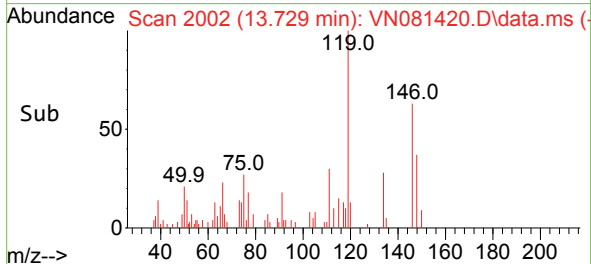
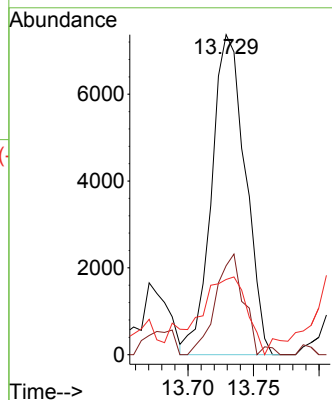
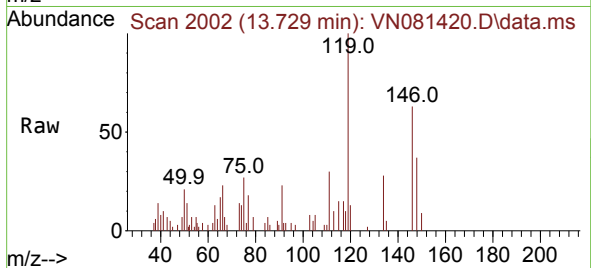
Tgt Ion:119 Resp: 13177

Ion Ratio Lower Upper

119 100

134 26.8 12.4 37.2

91 35.5 13.5 40.4



#87

1,3-Dichlorobenzene

Concen: 1.292 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

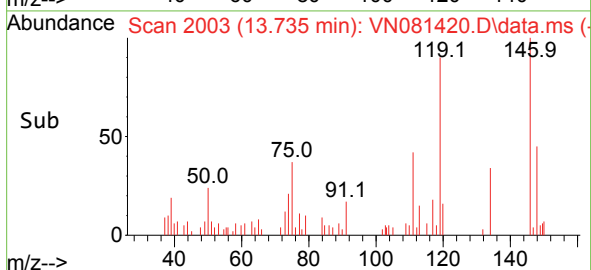
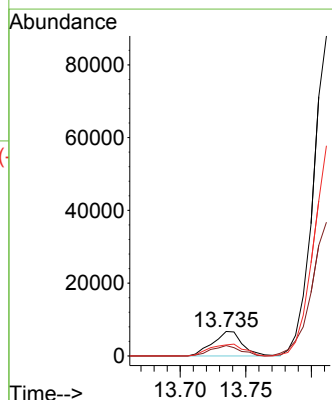
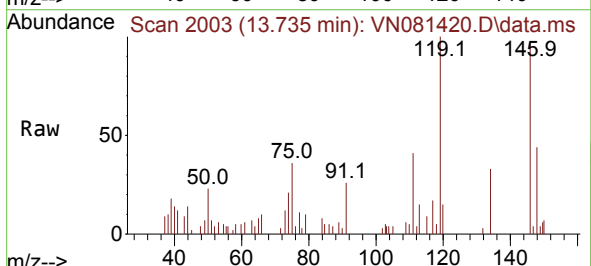
Tgt Ion:146 Resp: 10667

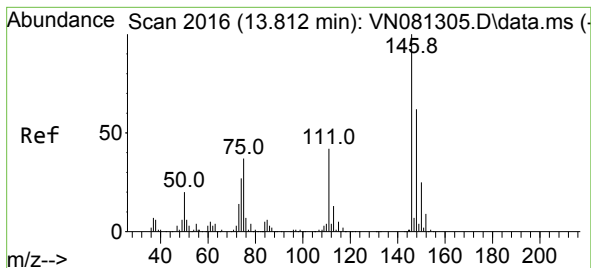
Ion Ratio Lower Upper

146 100

111 41.8 23.9 71.7

148 55.2 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 18.540 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

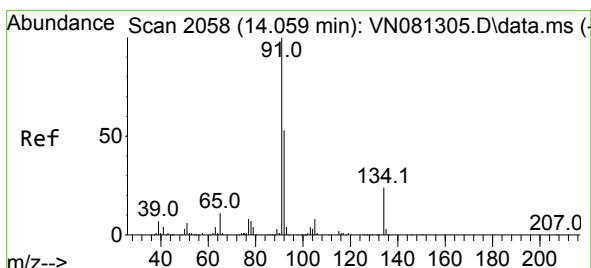
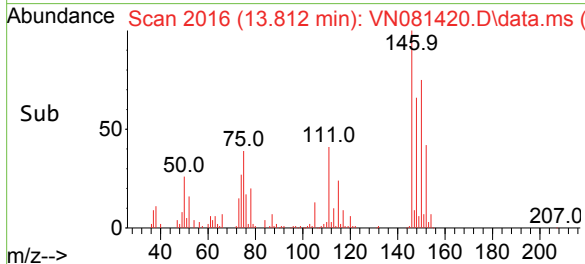
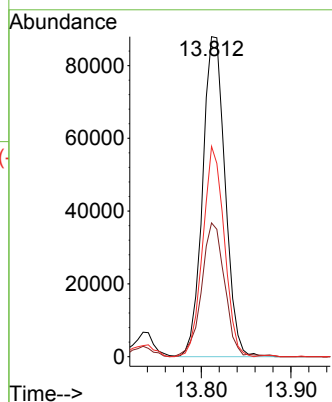
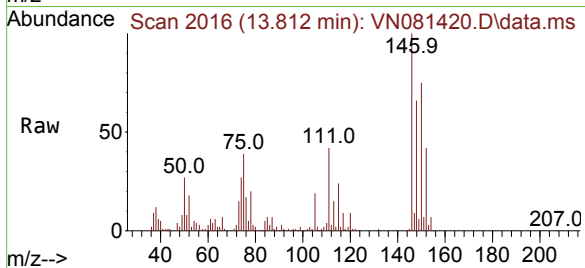
Tgt Ion:146 Resp: 152967

Ion Ratio Lower Upper

146 100

111 43.0 22.6 67.7

148 62.8 31.9 95.5



#89

n-Butylbenzene

Concen: 0.682 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

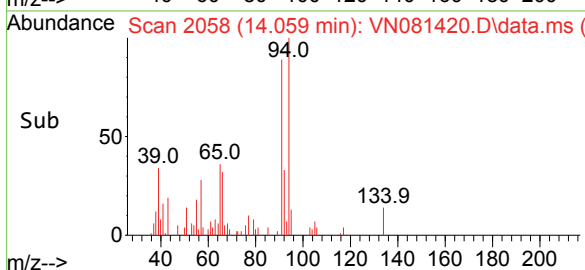
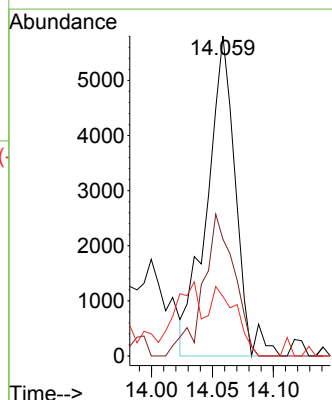
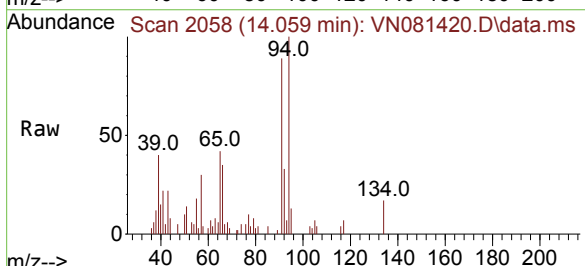
Tgt Ion: 91 Resp: 9475

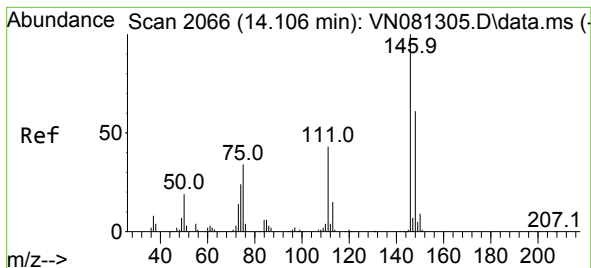
Ion Ratio Lower Upper

91 100

92 48.3 26.7 80.1

134 17.6 10.8 32.4





#91

1,2-Dichlorobenzene

Concen: 6.118 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

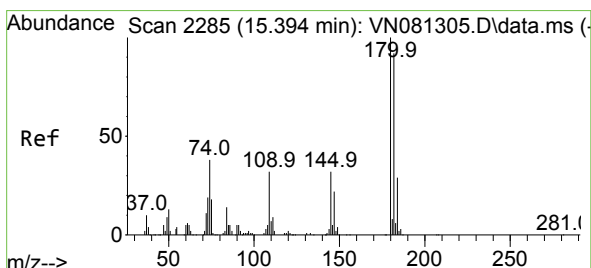
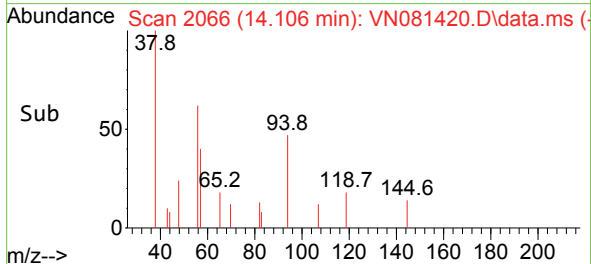
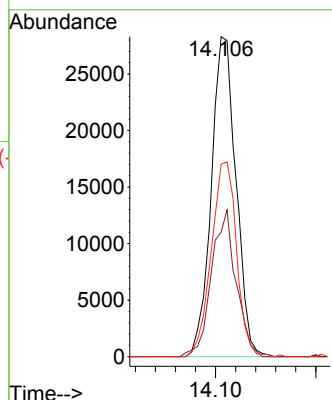
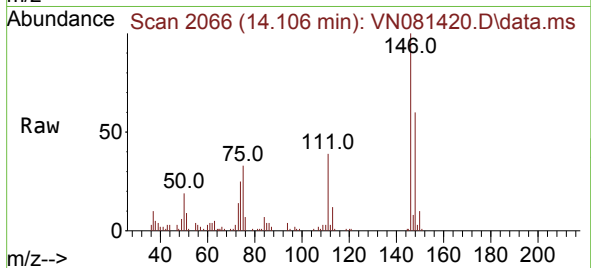
Tgt Ion:146 Resp: 48452

Ion Ratio Lower Upper

146 100

111 45.5 23.9 71.8

148 62.2 31.4 94.0



#93

1,2,4-Trichlorobenzene

Concen: 0.604 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

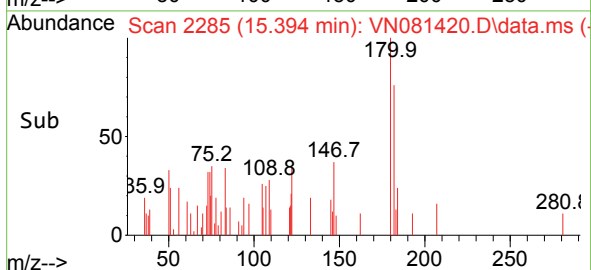
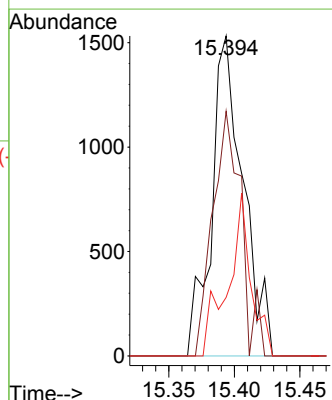
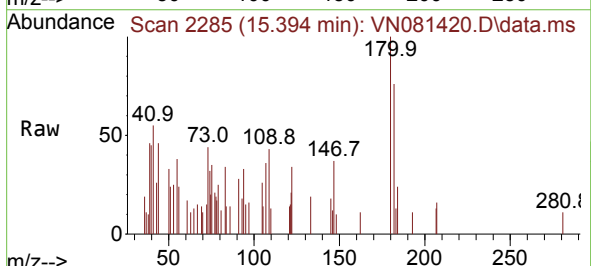
Tgt Ion:180 Resp: 2559

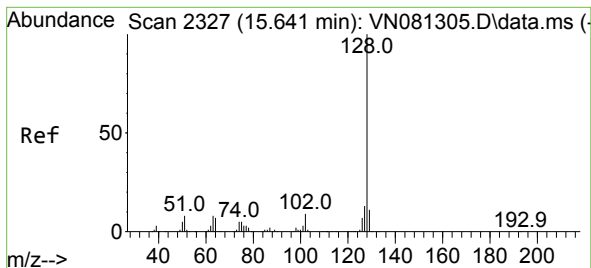
Ion Ratio Lower Upper

180 100

182 69.0 46.6 139.7

145 37.6 16.8 50.3





#95

Naphthalene

Concen: 7.479 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

MW-2

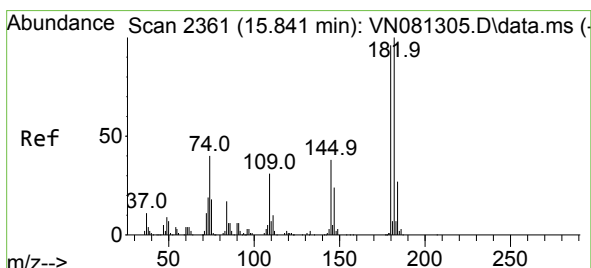
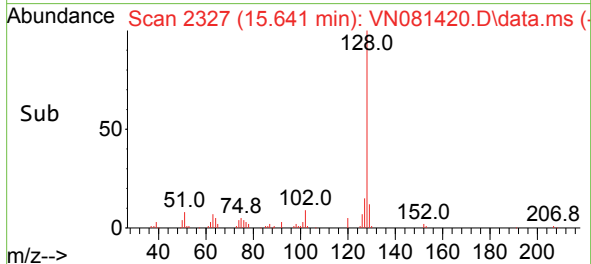
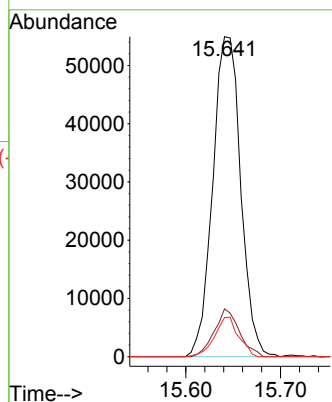
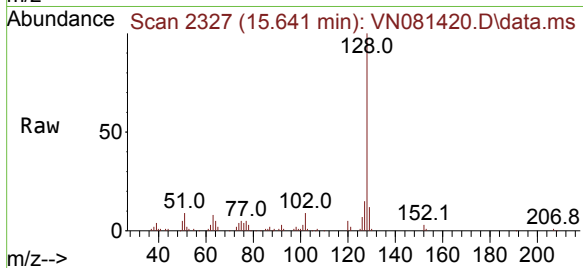
Tgt Ion:128 Resp: 112654

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.423 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081420.D

Acq: 14 Mar 2024 19:17

Tgt Ion:180 Resp: 1817

Ion Ratio Lower Upper

180 100

182 103.6 46.5 139.3

145 23.2 17.8 53.4

