

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086990.D
 Acq On : 12 Jun 2025 20:04
 Operator : JC\MD
 Sample : Q2268-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20250605

Quant Time: Jun 13 01:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	240809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	416914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170552	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	163592	50.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.177	113	140505	50.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	10.571	98	576609	52.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.847	95	183387	44.543	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.080%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.542	59	231	0.264	ug/l #	73
13) Acrolein	4.165	56	314	1.134	ug/l #	1
14) Allyl chloride	5.177	41	2287	0.515	ug/l #	49
16) Acetone	4.453	43	9581	5.604	ug/l	97
17) Carbon Disulfide	4.742	76	1572	0.212	ug/l #	75
19) Methyl tert-butyl Ether	5.818	73	2003	0.206	ug/l #	1
25) 2-Butanone	7.506	43	4199	1.511	ug/l	95
26) 2,2-Dichloropropane	7.347	77	939	0.224	ug/l #	52
28) Bromochloromethane	7.983	49	1500	0.566	ug/l #	13
29) Tetrahydrofuran	8.012	42	683	0.377	ug/l #	1
30) Chloroform	7.977	83	25487	4.733	ug/l	94
31) Cyclohexane	8.265	56	82976	15.868	ug/l #	93
36) 1,1-Dichloropropene	8.236	75	17255	4.137	ug/l #	49
37) Ethyl Acetate	7.506	43	4199	0.791	ug/l #	66
38) Carbon Tetrachloride	8.236	117	24053	5.874	ug/l #	16
39) Methylcyclohexane	9.606	83	90855	15.899	ug/l	97
40) Benzene	8.618	78	24034	1.762	ug/l	99
43) Isopropyl Acetate	8.712	43	5773	0.677	ug/l #	53
47) Bromodichloromethane	9.877	83	3053	0.673	ug/l #	25
48) Methyl methacrylate	9.606	41	47909	12.214	ug/l #	62
52) Toluene	10.635	92	2769765	332.283	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	27769	5.476	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	19127	5.963	ug/l #	19
56) Ethyl methacrylate	10.924	69	2816	0.551	ug/l #	12
60) Dibromochloromethane	11.106	129	1401	0.419	ug/l #	11
64) Tetrachloroethene	11.094	164	1297	0.492	ug/l #	79
65) Chlorobenzene	12.041	112	11015	1.198	ug/l #	53
67) Ethyl Benzene	11.965	91	16135410	1018.743	ug/l #	88
68) m/p-Xylenes	12.071	106	16322007	2692.071	ug/l #	1
69) o-Xylene	12.400	106	5434901	935.959	ug/l	94
70) Styrene	12.400	104	339797	34.197	ug/l #	1
73) Isopropylbenzene	12.694	105	824068	66.324	ug/l	99
76) 1,2,3-Trichloropropane	13.035	75	11054	2.727	ug/l #	1
78) n-propylbenzene	13.035	91	2096250	138.829	ug/l	98
79) 2-Chlorotoluene	13.100	91	738799	81.587	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	3218251	313.725	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086990.D
 Acq On : 12 Jun 2025 20:04
 Operator : JC\MD
 Sample : Q2268-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20250605

Quant Time: Jun 13 01:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

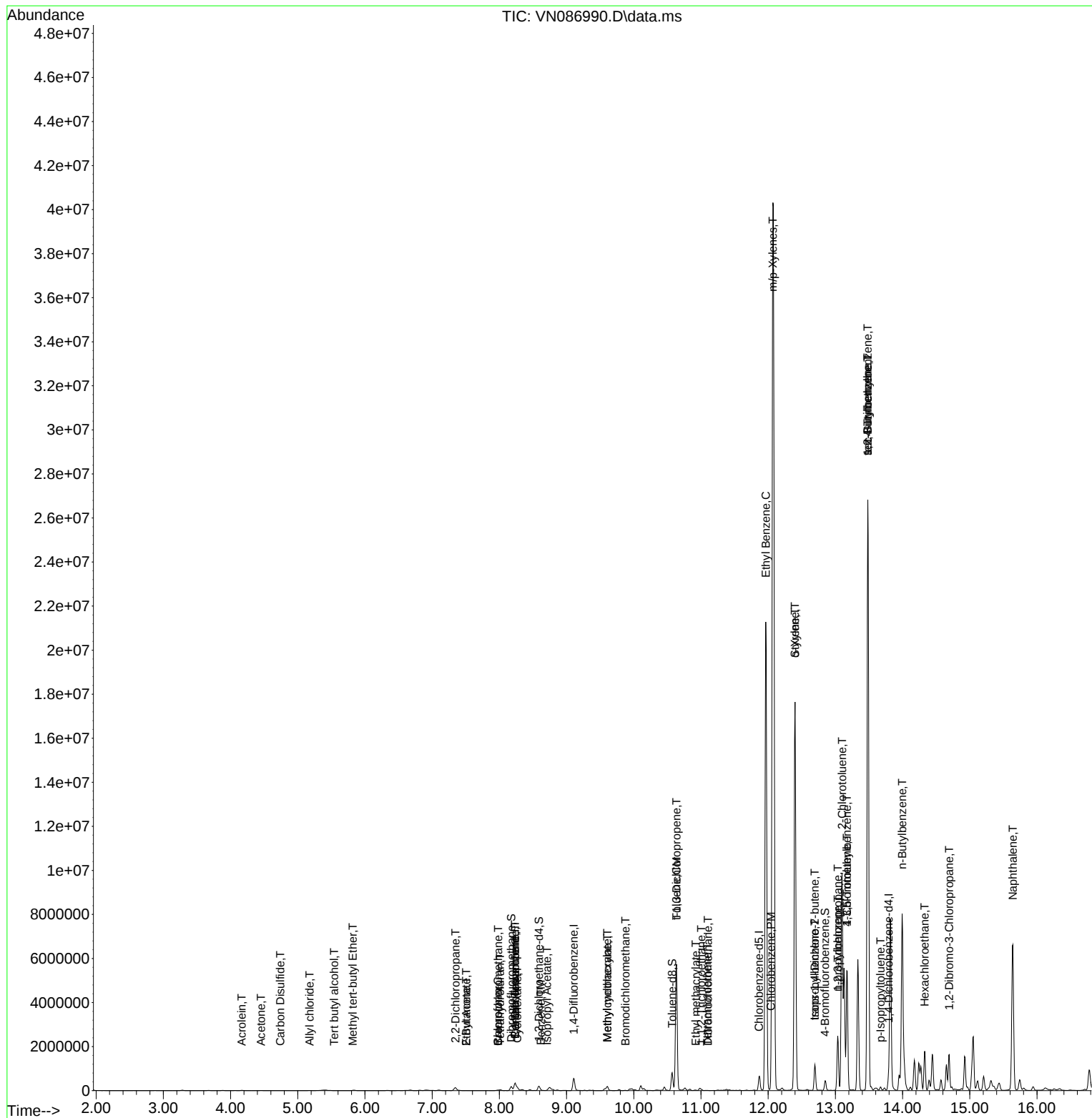
81) trans-1,4-Dichloro-2-b...	12.694	75	8354	4.743	ug/l #	45
82) 4-Chlorotoluene	13.170	91	312106	34.064	ug/l #	41
83) tert-Butylbenzene	13.482	119	2129209	226.751	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.482	105	15634159	1519.862	ug/l	94
85) sec-Butylbenzene	13.482	105	15634159	1146.494	ug/l #	56
86) p-Isopropyltoluene	13.670	119	91616	8.128	ug/l #	77
89) n-Butylbenzene	13.994	91	698705	63.993	ug/l #	46
90) Hexachloroethane	14.329	117	86877	45.468	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6081	6.041	ug/l #	2
95) Naphthalene	15.641	128	6698704	523.254	ug/l	100

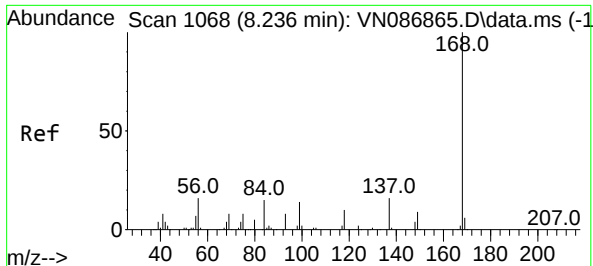
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086990.D
Acq On : 12 Jun 2025 20:04
Operator : JC\MD
Sample : Q2268-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

Quant Time: Jun 13 01:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

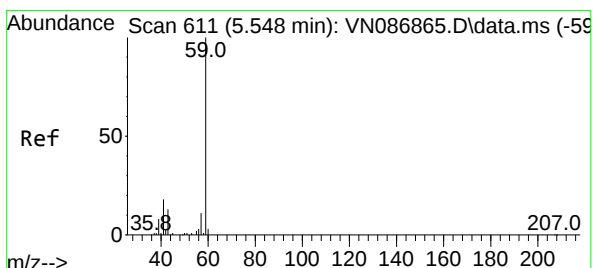
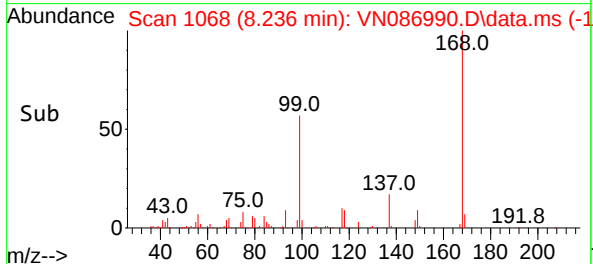
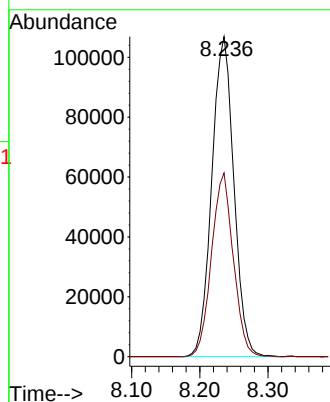
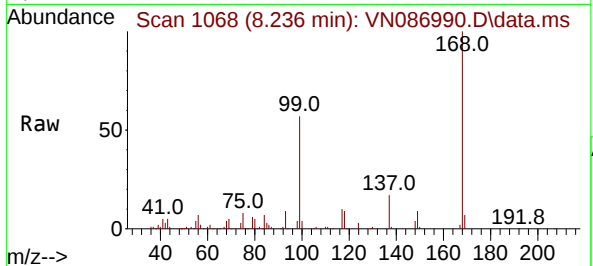




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

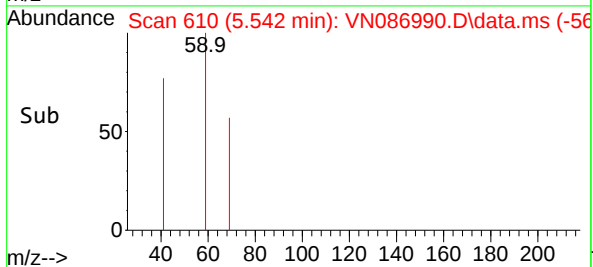
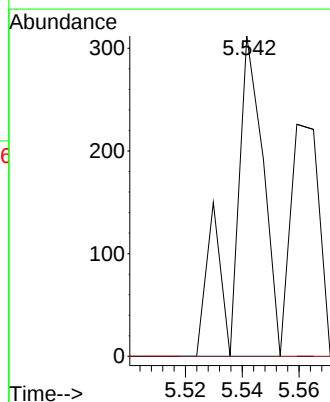
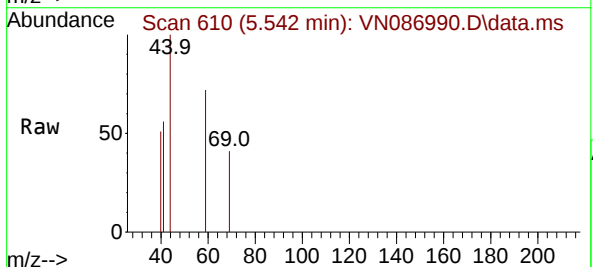
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

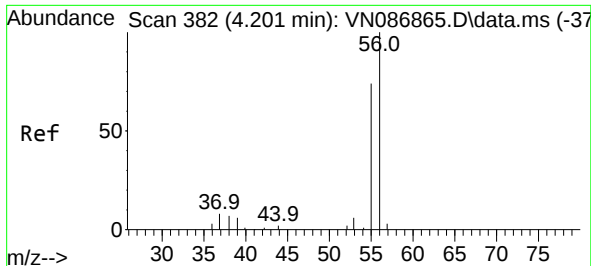
Tgt Ion:168 Resp: 240809
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#11
Tert butyl alcohol
Concen: 0.264 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 1.134 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.035 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

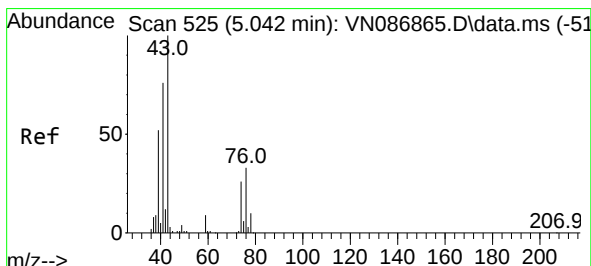
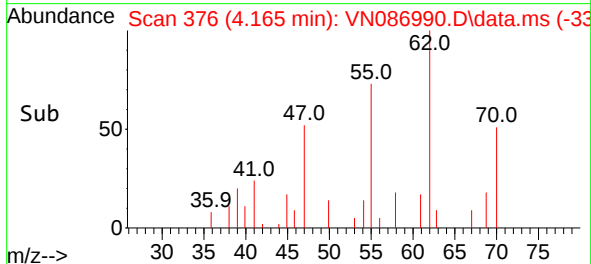
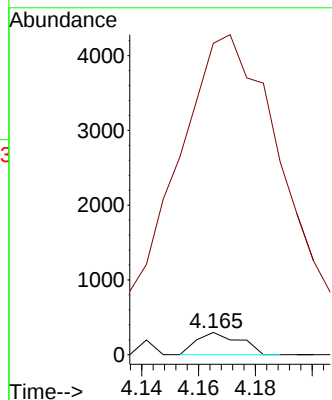
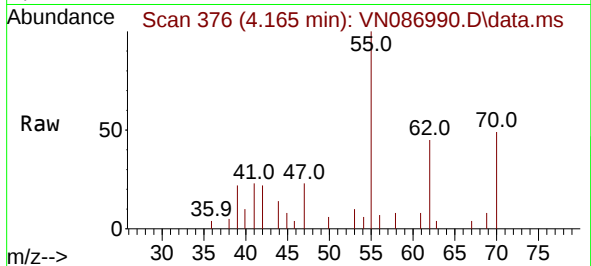
MSVOA_N

ClientSampleId :

MW-3-20250605

Tgt Ion: 56 Resp: 314

Ion	Ratio	Lower	Upper
56	100		
55	3935.4	55.6	83.4#



#14

Allyl chloride

Concen: 0.515 ug/l

RT: 5.177 min Scan# 548

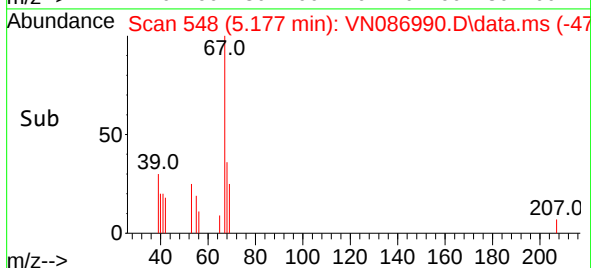
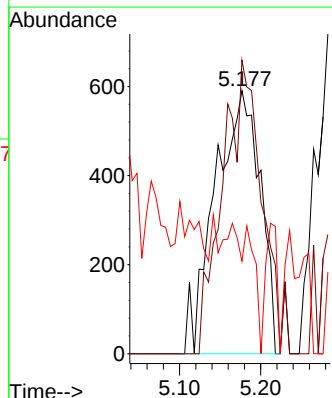
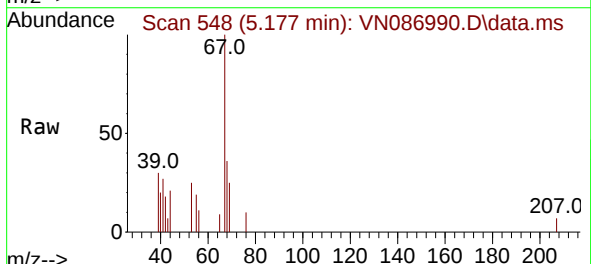
Delta R.T. 0.135 min

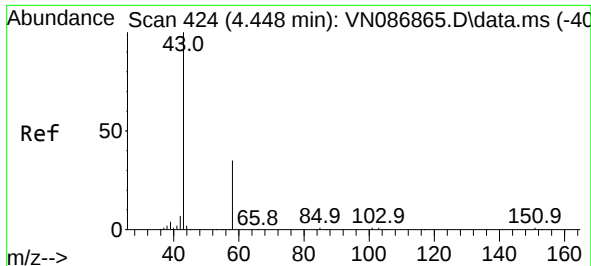
Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Tgt Ion: 41 Resp: 2287

Ion	Ratio	Lower	Upper
41	100		
39	97.6	51.3	76.9#
76	0.0	31.4	47.0#

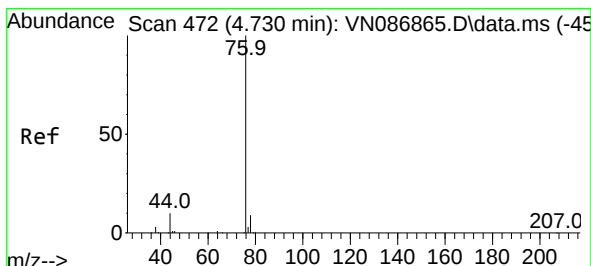
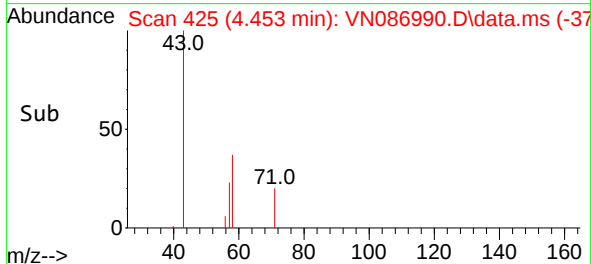
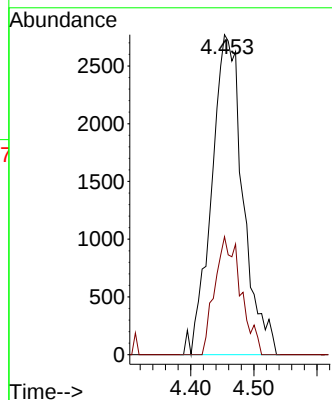
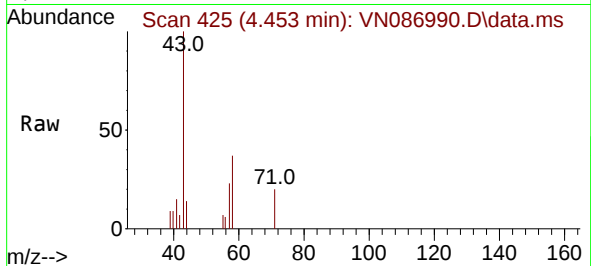




#16
Acetone
Concen: 5.604 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

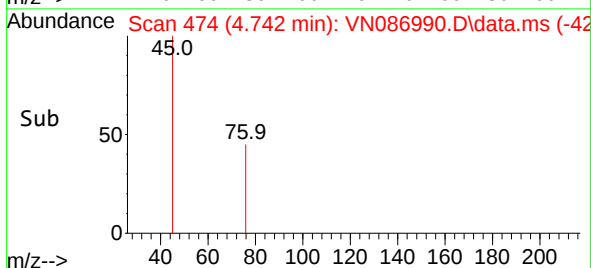
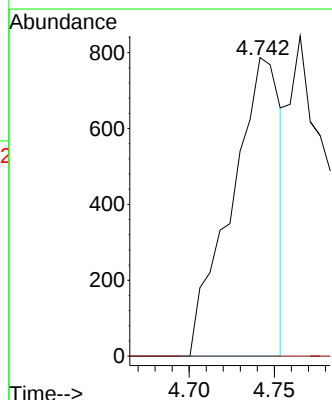
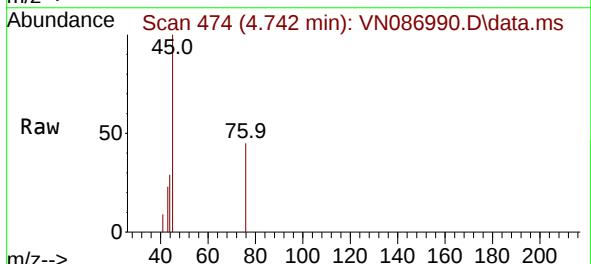
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

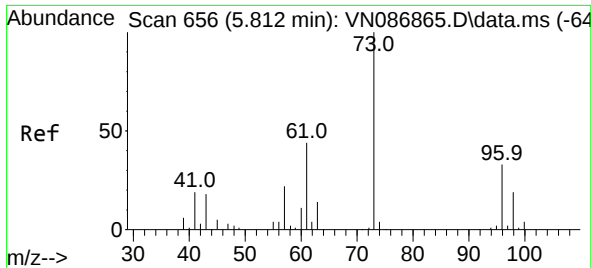
Tgt Ion: 43 Resp: 9581
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 76 Resp: 1572
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

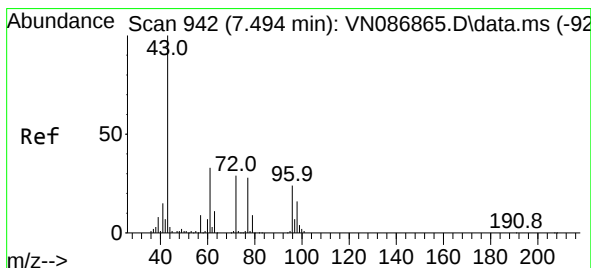
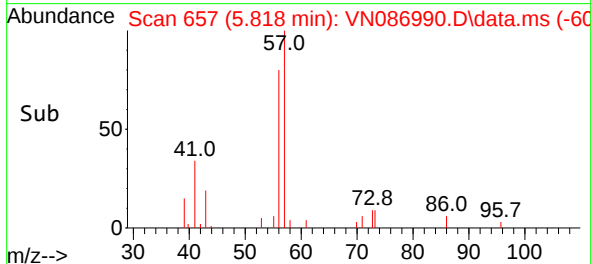
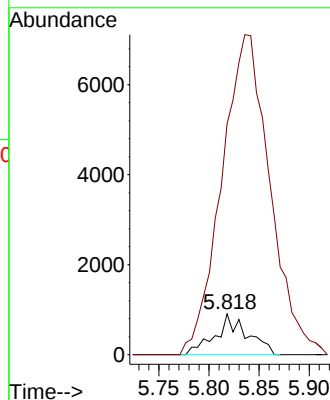
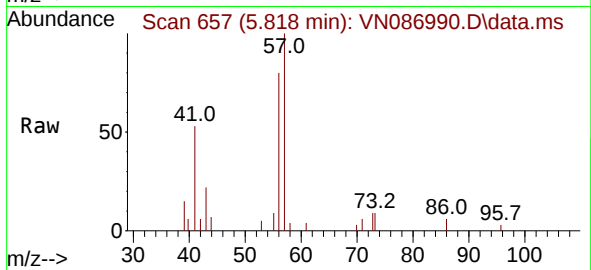




#19
Methyl tert-butyl Ether
Concen: 0.206 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

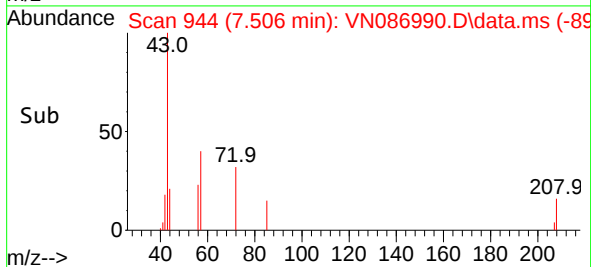
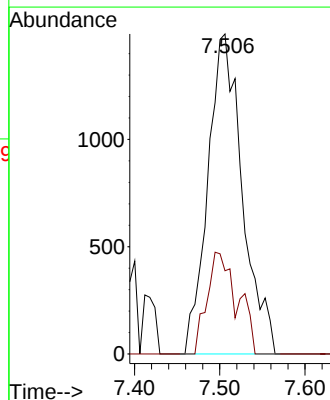
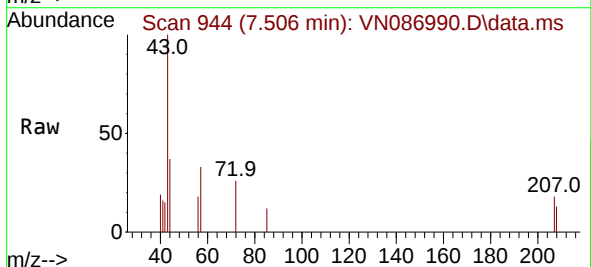
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

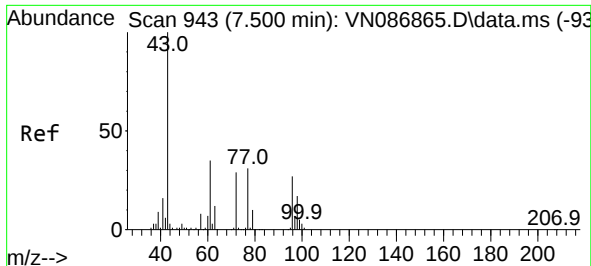
Tgt Ion: 73 Resp: 2003
Ion Ratio Lower Upper
73 100
57 565.0 17.4 26.2#



#25
2-Butanone
Concen: 1.511 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
72 26.0 23.0 34.6

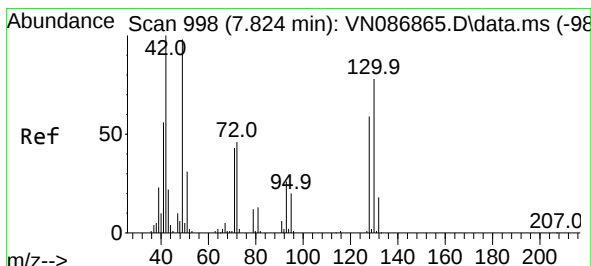
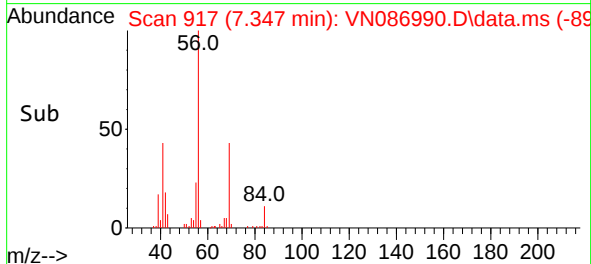
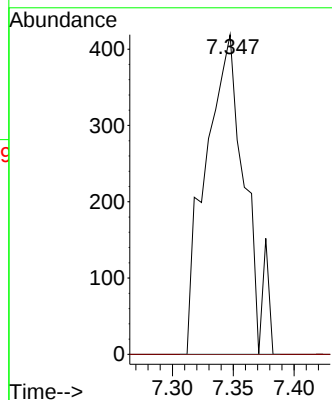
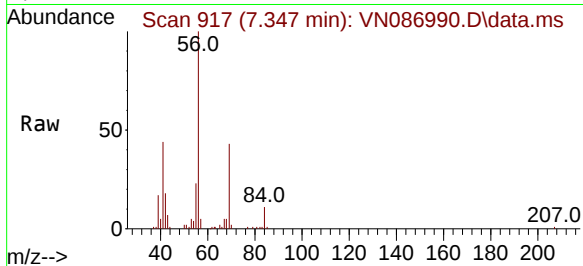




#26
2,2-Dichloropropane
Concen: 0.224 ug/l
RT: 7.347 min Scan# 917
Delta R.T. -0.153 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

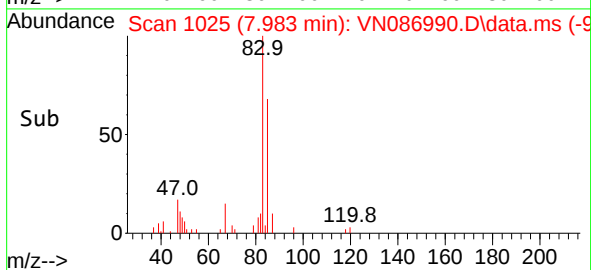
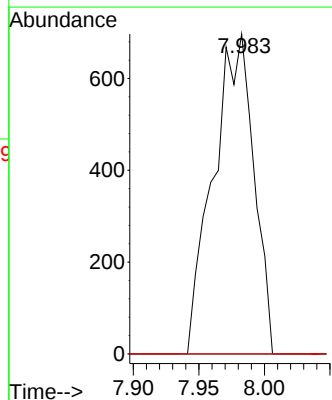
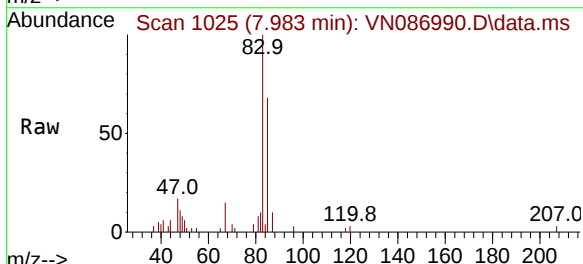
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

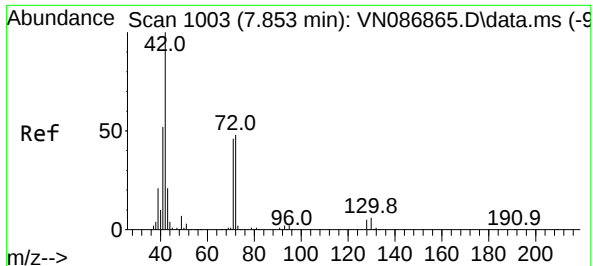
Tgt Ion: 77 Resp: 939
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#28
Bromochloromethane
Concen: 0.566 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.159 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 49 Resp: 1500
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 62.2 93.2#





#29

Tetrahydrofuran

Concen: 0.377 ug/l

RT: 8.012 min Scan# 1030

Delta R.T. 0.159 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

MSVOA_N

ClientSampleId :

MW-3-20250605

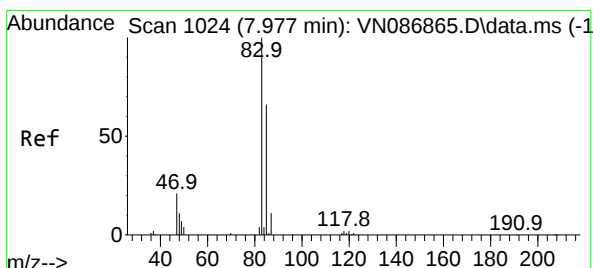
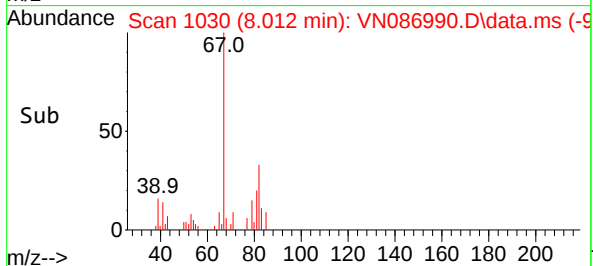
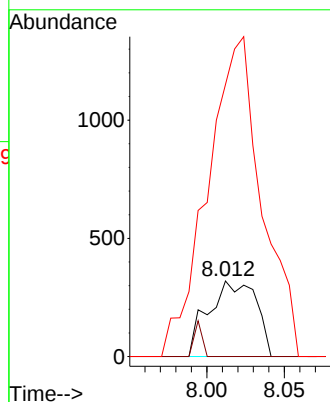
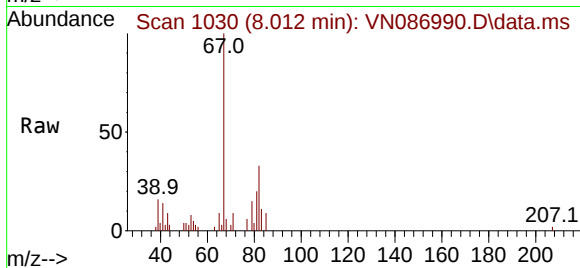
Tgt Ion: 42 Resp: 683

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 483.2 35.6 53.4#



#30

Chloroform

Concen: 4.733 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086990.D

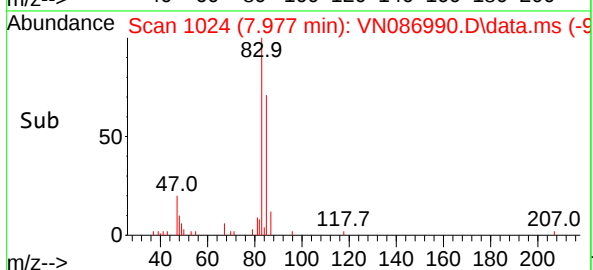
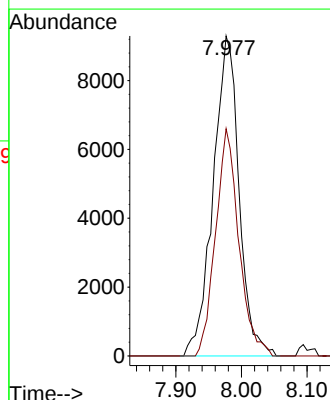
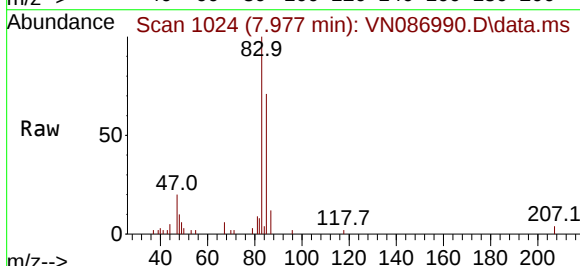
Acq: 12 Jun 2025 20:04

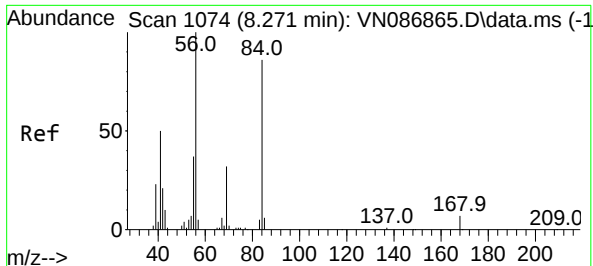
Tgt Ion: 83 Resp: 25487

Ion Ratio Lower Upper

83 100

85 71.0 52.9 79.3

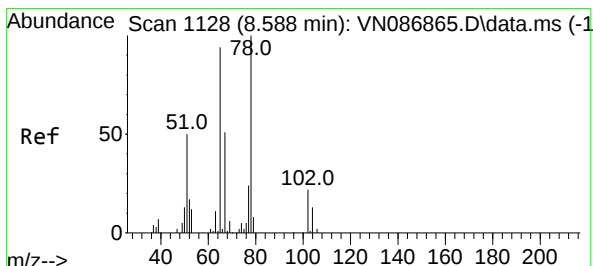
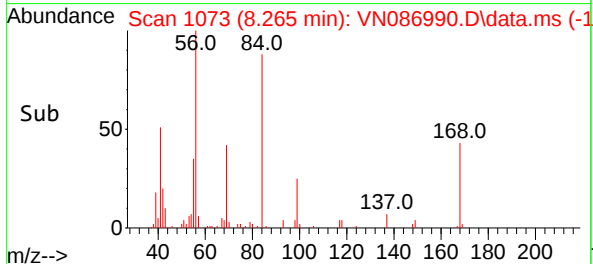
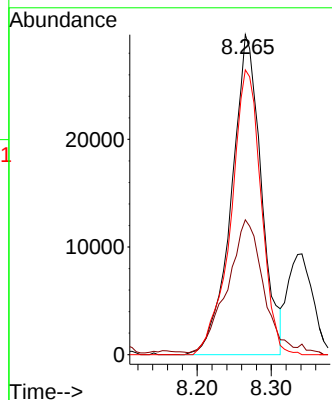
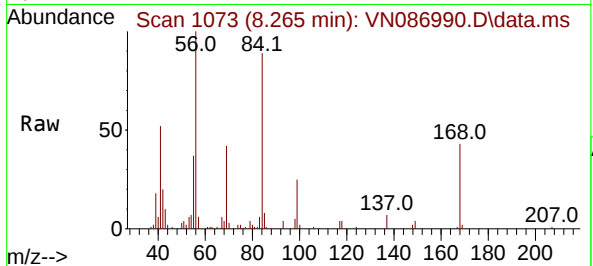




#31
Cyclohexane
Concen: 15.868 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

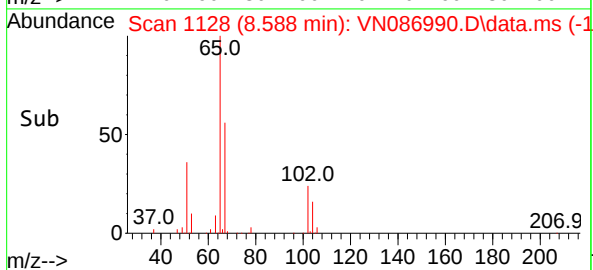
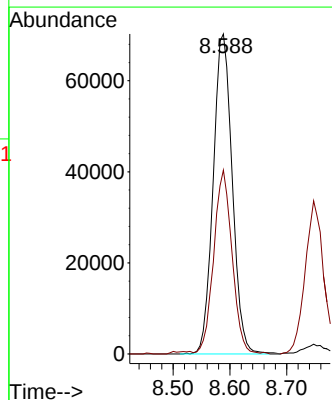
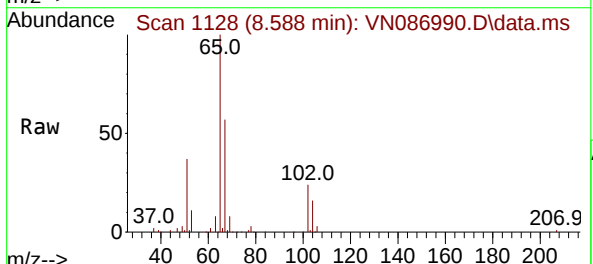
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

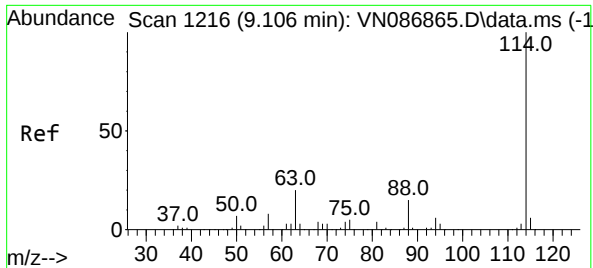
Tgt Ion: 56 Resp: 82976
Ion Ratio Lower Upper
56 100
69 41.2 25.4 38.0#
84 89.0 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 50.739 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 65 Resp: 163592
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6

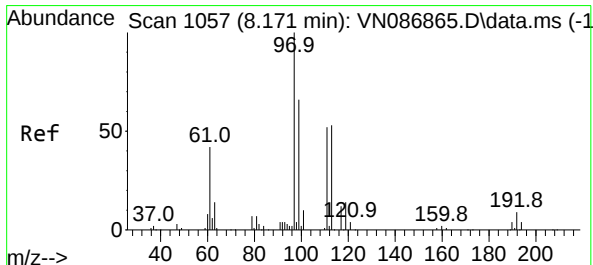
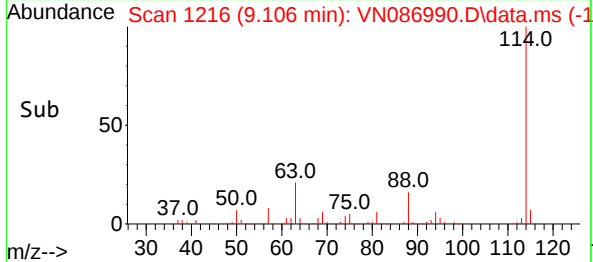
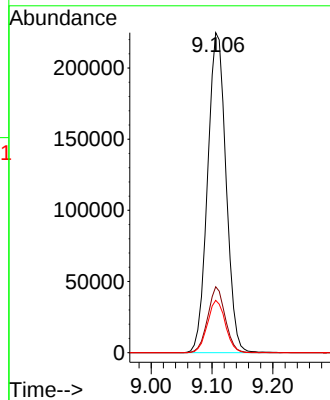
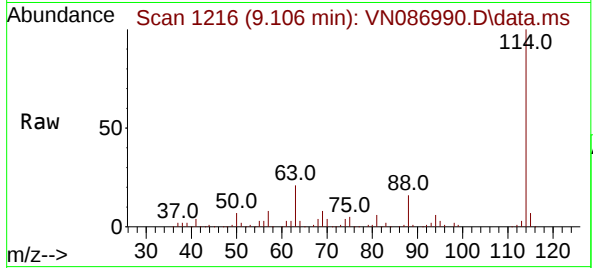




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

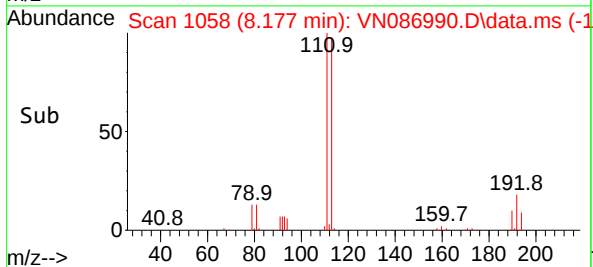
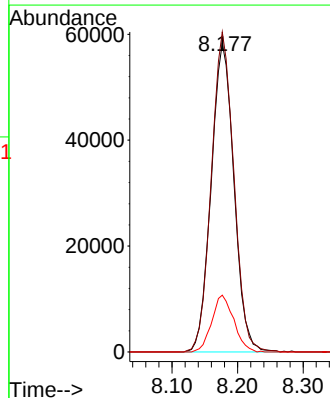
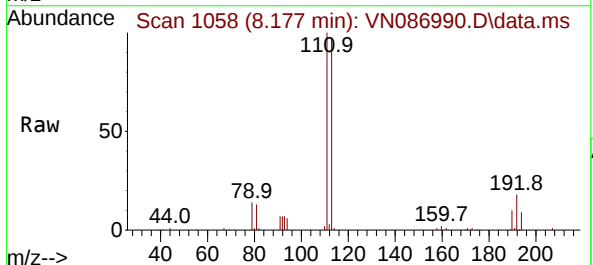
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

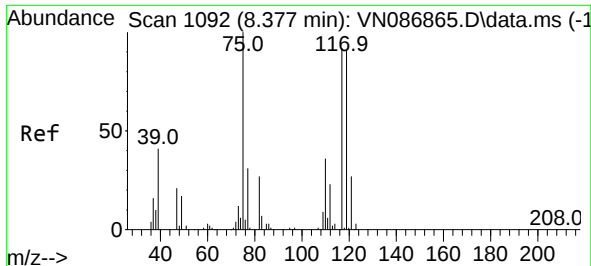
Tgt Ion:114 Resp: 472342
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.6
88 16.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.195 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:113 Resp: 140505
Ion Ratio Lower Upper
113 100
111 102.4 84.2 126.2
192 17.7 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.137 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

MSVOA_N

ClientSampleId :

MW-3-20250605

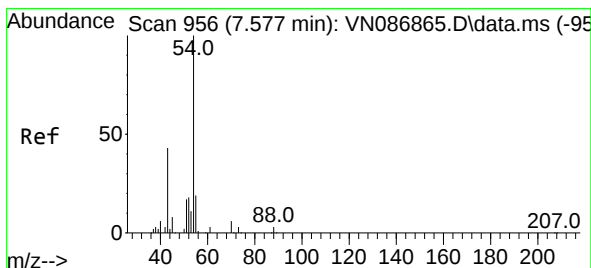
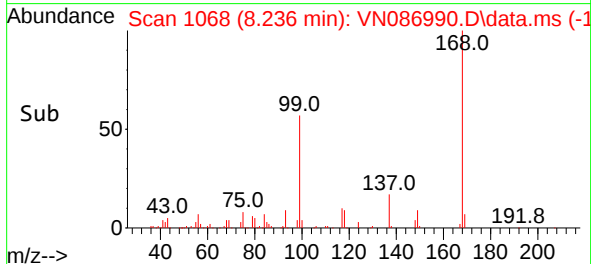
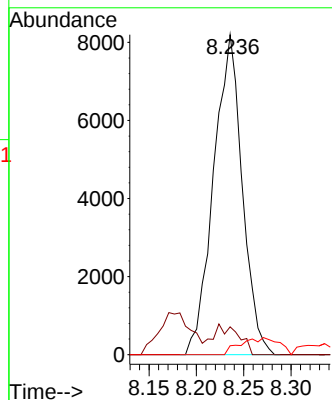
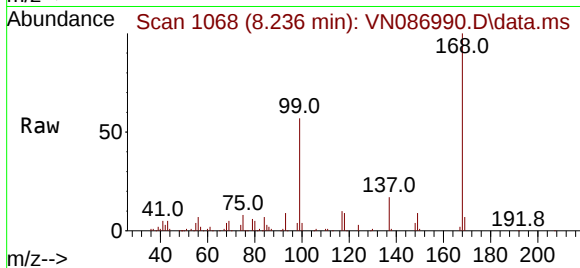
Tgt Ion: 75 Resp: 17255

Ion Ratio Lower Upper

75 100

110 8.6 17.6 52.9#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 0.791 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.071 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

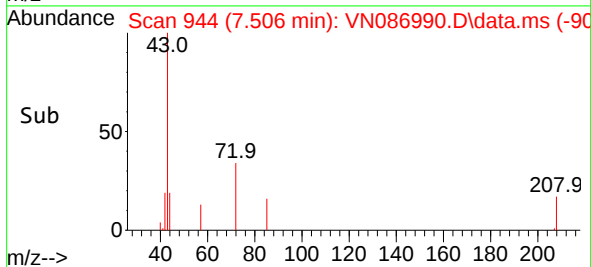
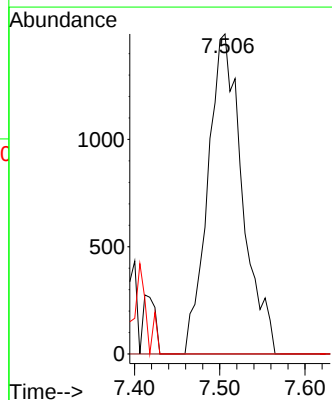
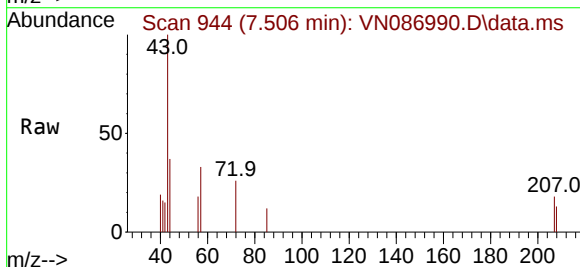
Tgt Ion: 43 Resp: 4199

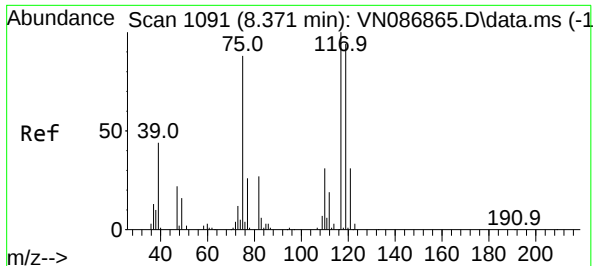
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 9.8 14.6#

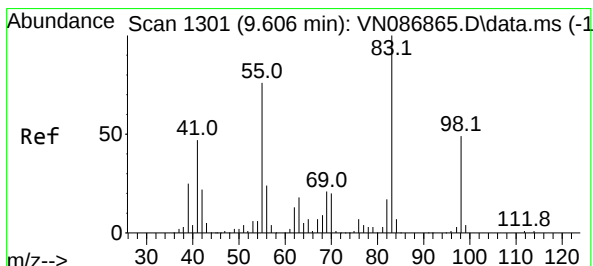
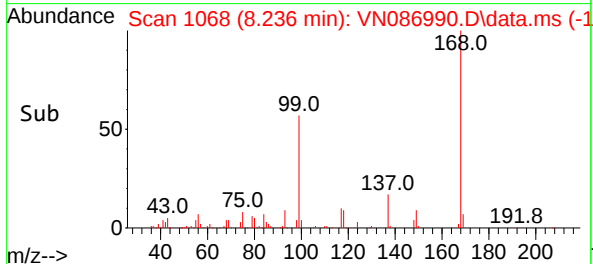
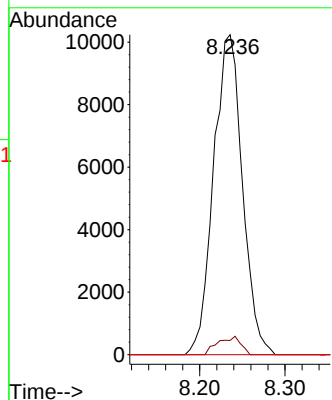
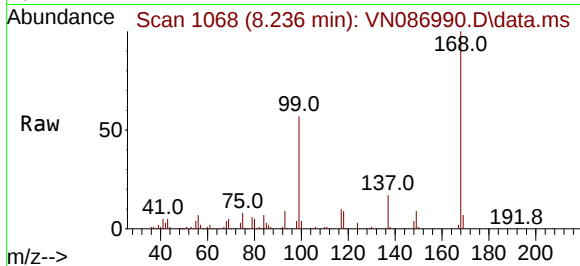




#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

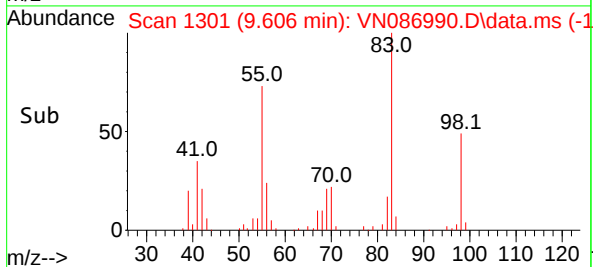
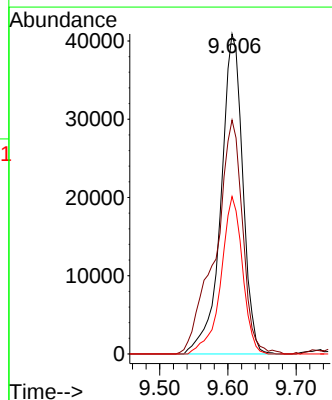
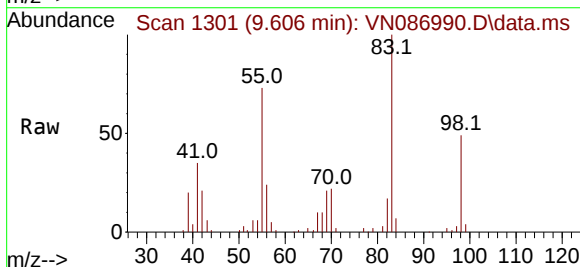
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

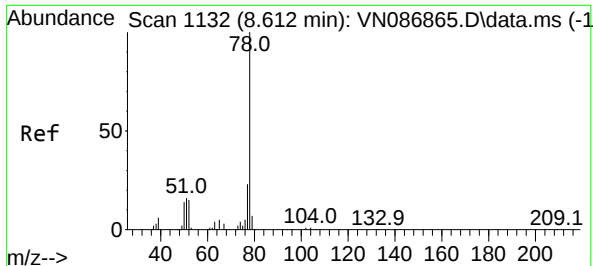
Tgt Ion:117 Resp: 24053
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 15.899 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 83 Resp: 90855
Ion Ratio Lower Upper
83 100
55 72.6 61.0 91.6
98 49.2 38.9 58.3

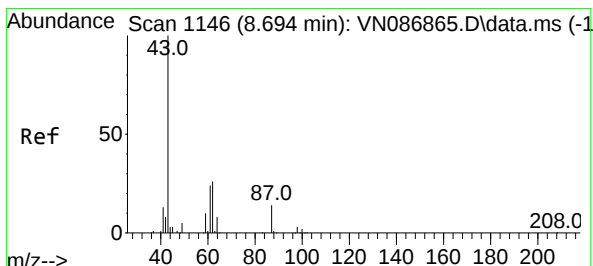
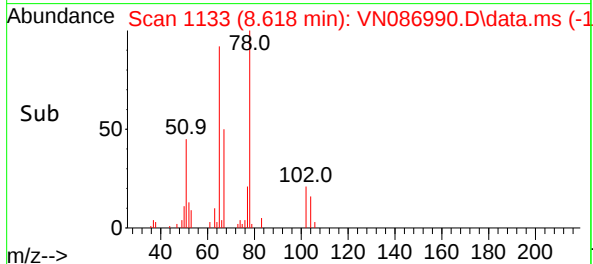
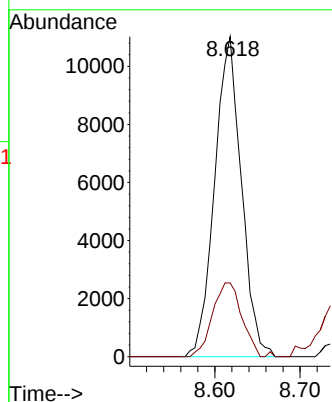
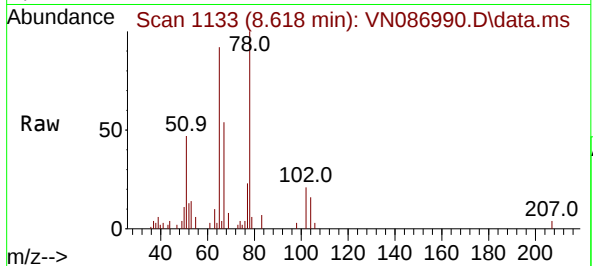




#40
Benzene
Concen: 1.762 ug/l
RT: 8.618 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

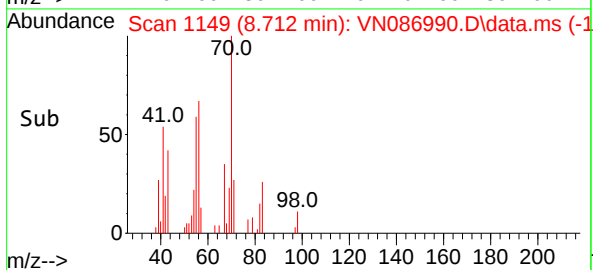
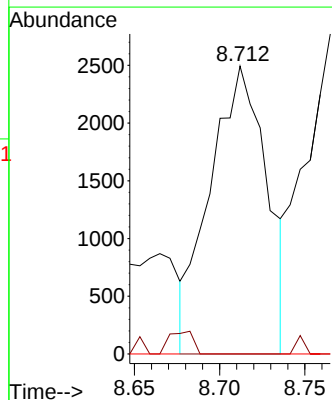
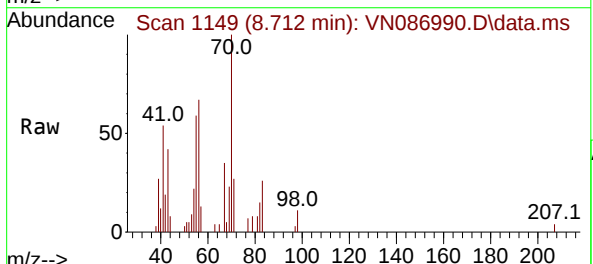
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

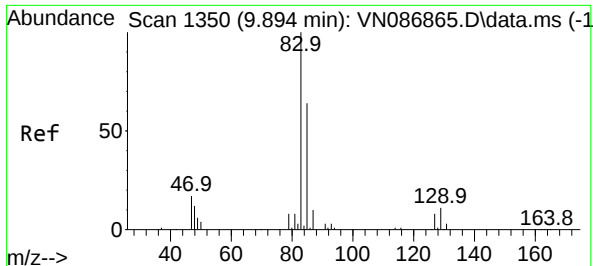
Tgt Ion: 78 Resp: 24034
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



#43
Isopropyl Acetate
Concen: 0.677 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 43 Resp: 5773
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#





#47

Bromodichloromethane

Concen: 0.673 ug/l

RT: 9.877 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

MSVOA_N

ClientSampleId :

MW-3-20250605

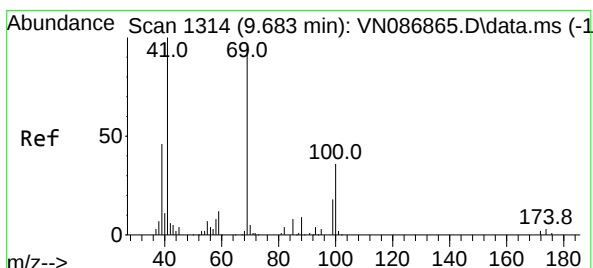
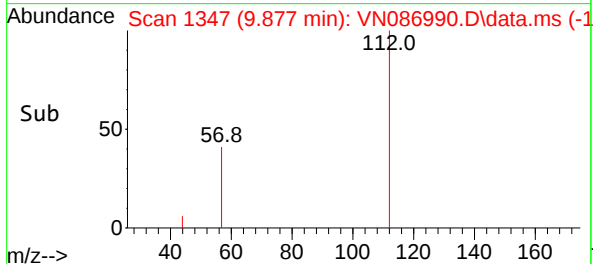
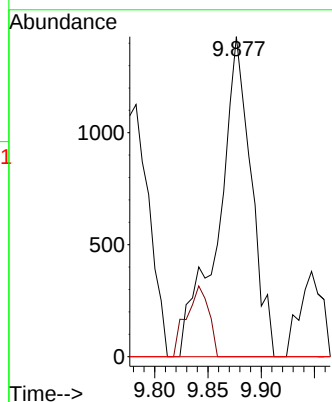
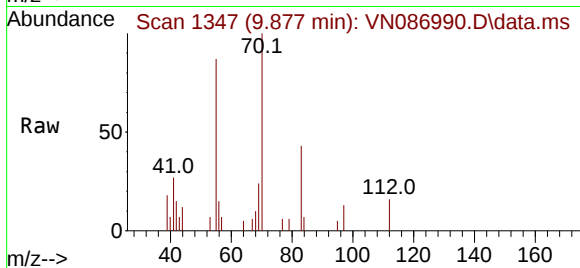
Tgt Ion: 83 Resp: 3053

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 12.214 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.077 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

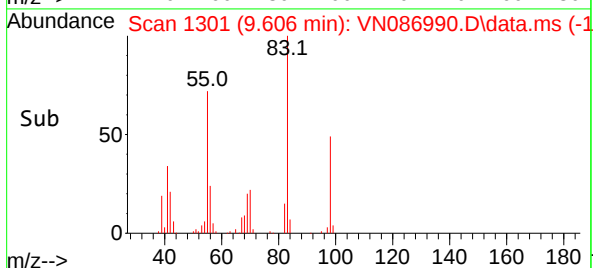
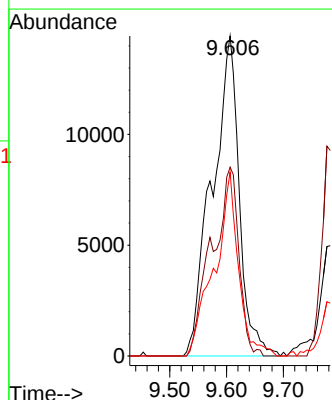
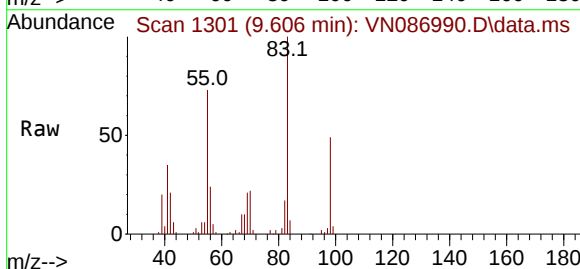
Tgt Ion: 41 Resp: 47909

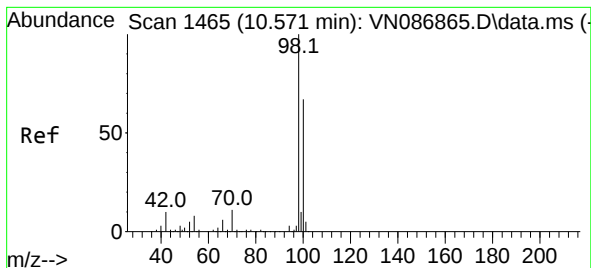
Ion Ratio Lower Upper

41 100

69 37.6 74.6 112.0#

39 51.0 40.2 60.4

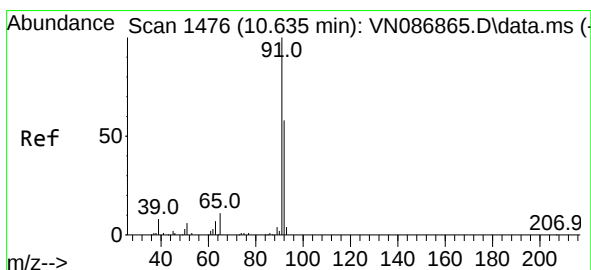
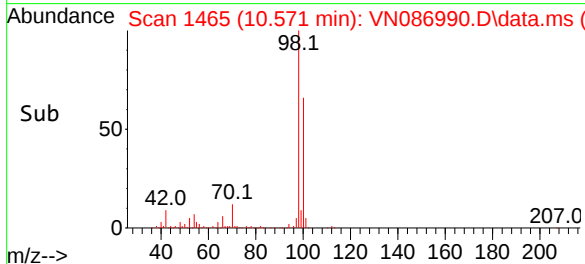
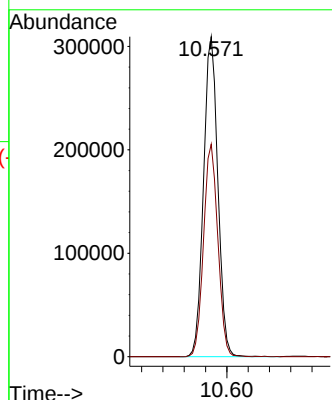
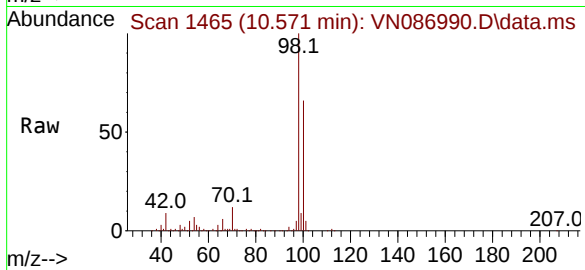




#50
Toluene-d8
Concen: 52.034 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

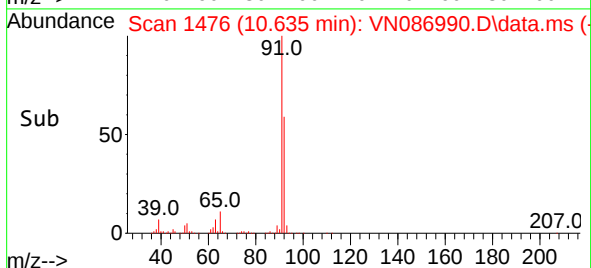
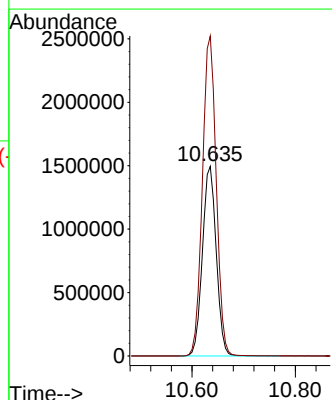
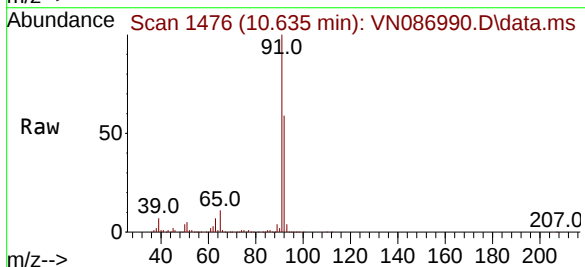
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

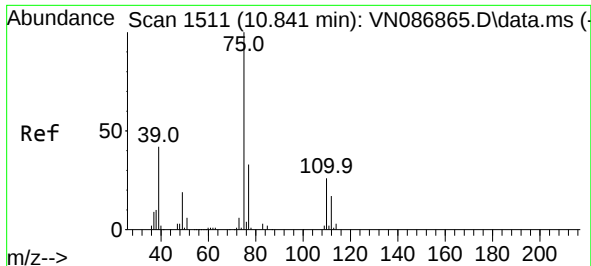
Tgt Ion: 98 Resp: 576609
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#52
Toluene
Concen: 332.283 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 92 Resp: 2769765
Ion Ratio Lower Upper
92 100
91 168.8 136.5 204.7

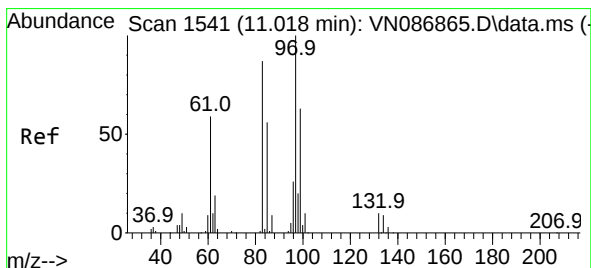
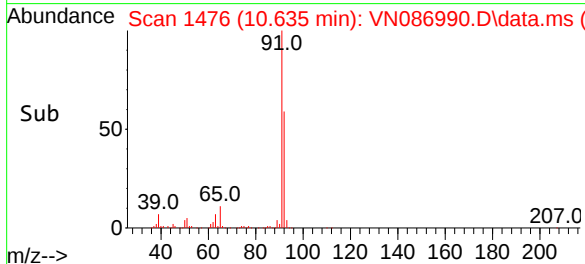
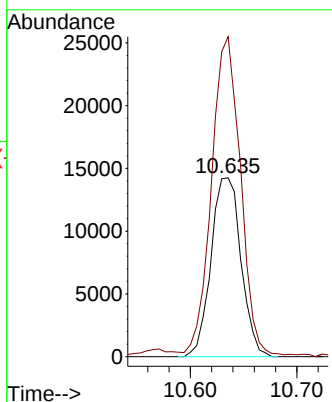
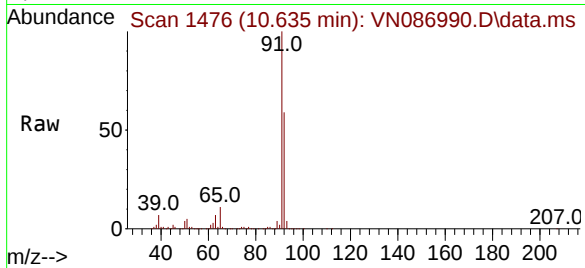




#53
t-1,3-Dichloropropene
Concen: 5.476 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

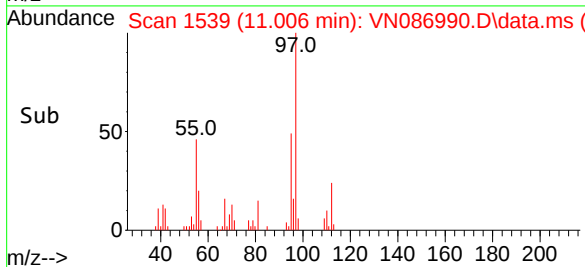
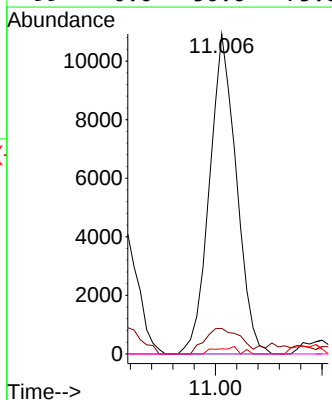
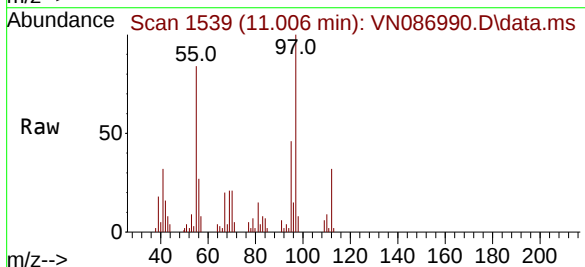
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

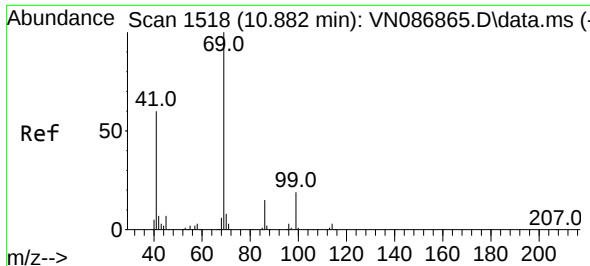
Tgt Ion: 75 Resp: 27769
Ion Ratio Lower Upper
75 100
77 177.3 26.4 39.6#



#55
1,1,2-Trichloroethane
Concen: 5.963 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 97 Resp: 19127
Ion Ratio Lower Upper
97 100
83 8.0 69.7 104.5#
85 1.6 45.1 67.7#
99 0.0 50.6 75.8#

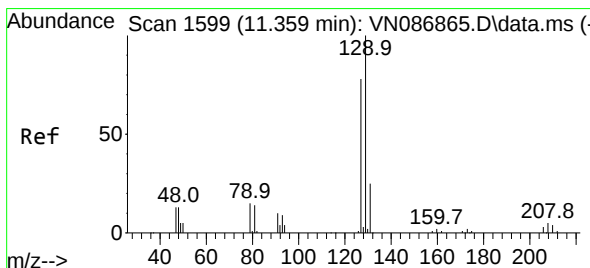
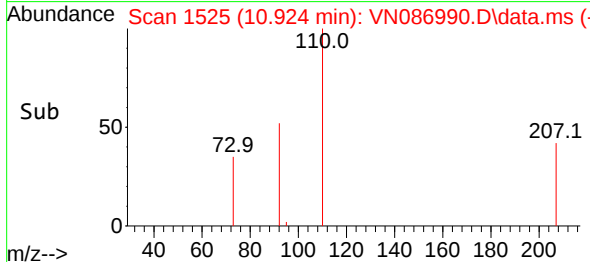
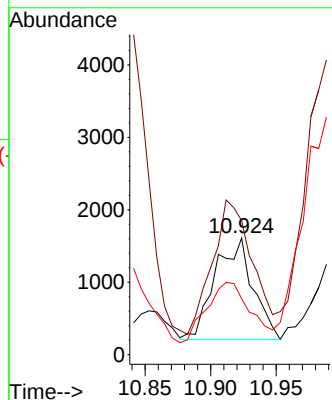
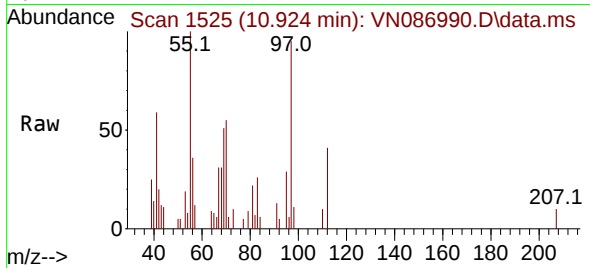




#56
Ethyl methacrylate
Concen: 0.551 ug/l
RT: 10.924 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

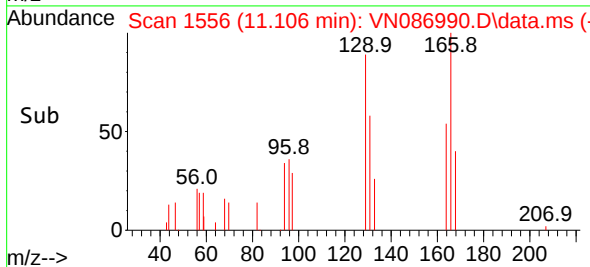
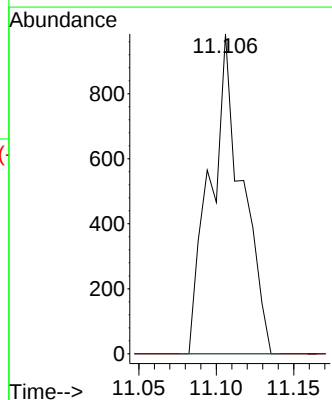
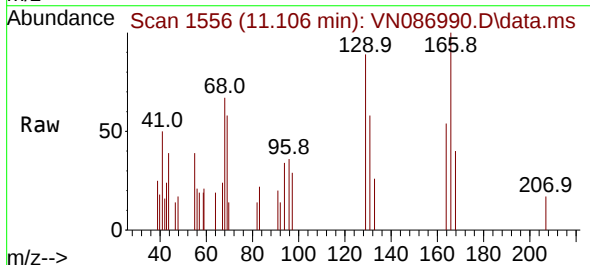
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

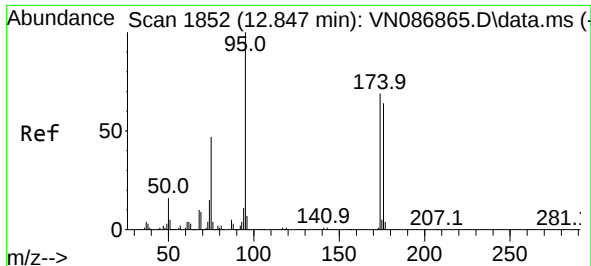
Tgt Ion: 69 Resp: 2816
Ion Ratio Lower Upper
69 100
41 137.4 47.2 70.8#
39 0.0 23.0 34.6#



#60
Dibromochloromethane
Concen: 0.419 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 129 Resp: 1401
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

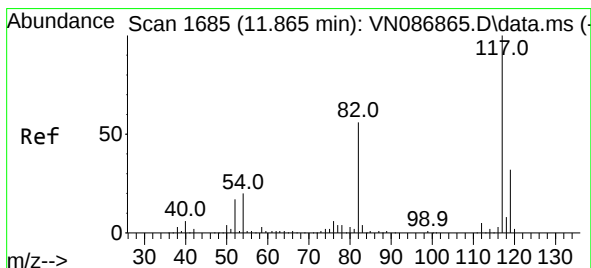
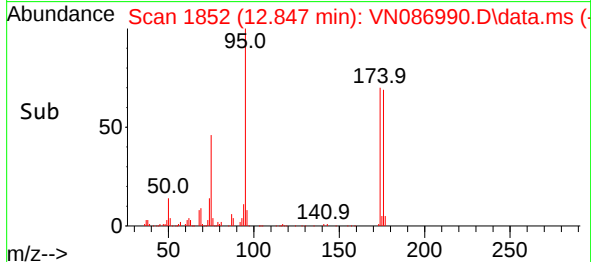
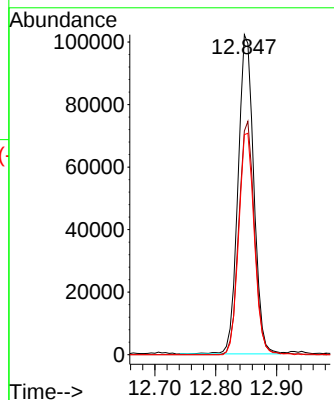
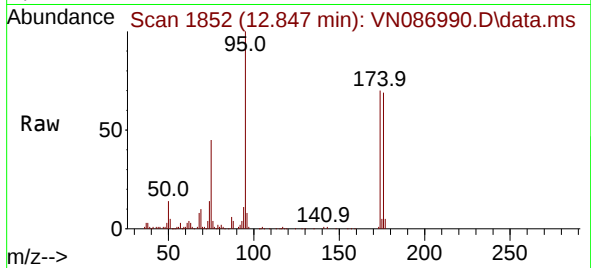




#62
4-Bromofluorobenzene
Concen: 44.543 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

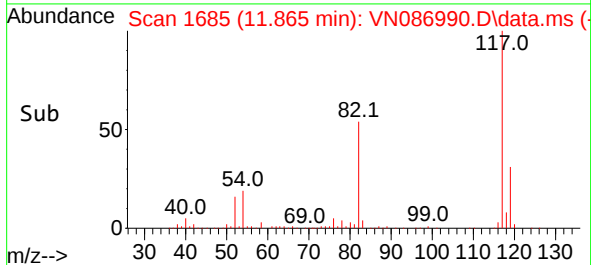
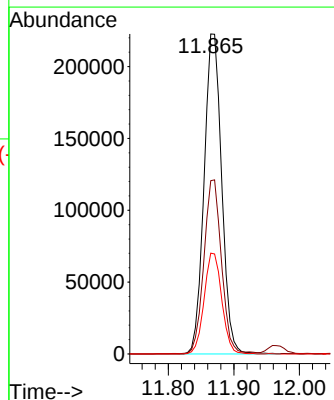
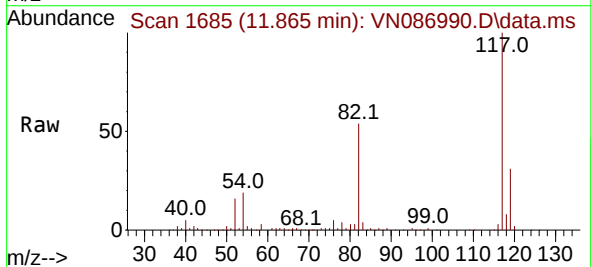
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

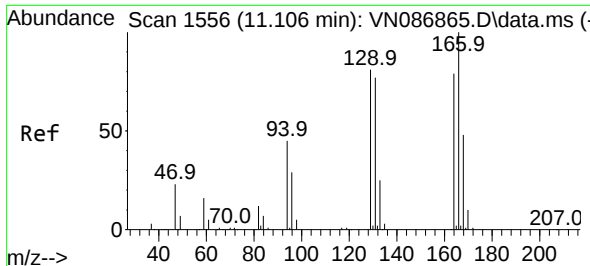
Tgt Ion: 95 Resp: 183387
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.8
176 68.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 117 Resp: 416914
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.5 25.5 38.3

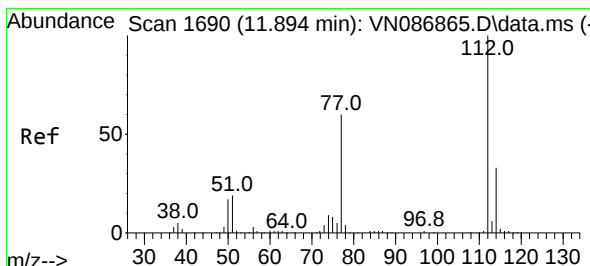
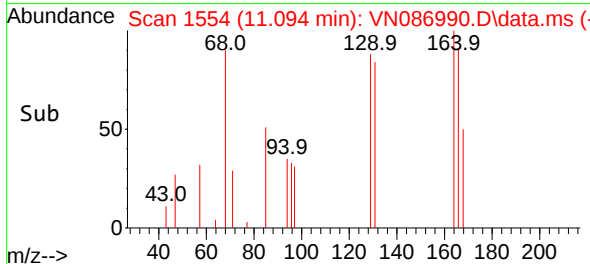
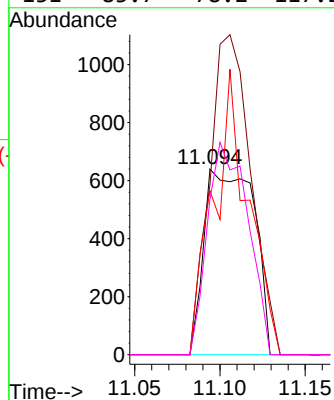
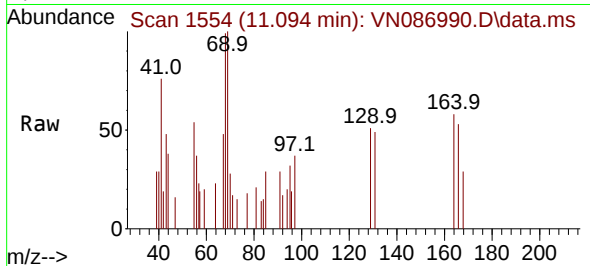




#64
Tetrachloroethene
Concen: 0.492 ug/l
RT: 11.094 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

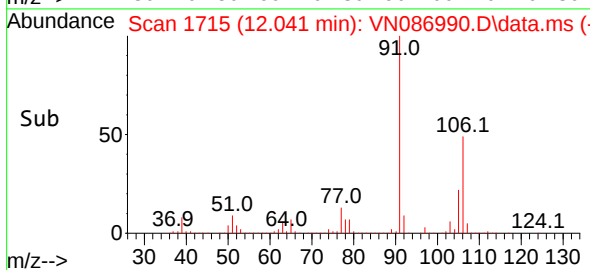
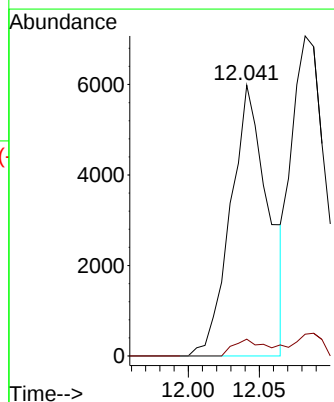
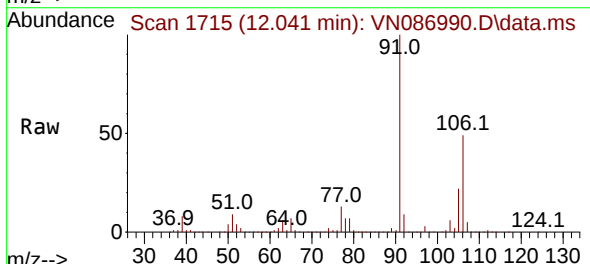
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

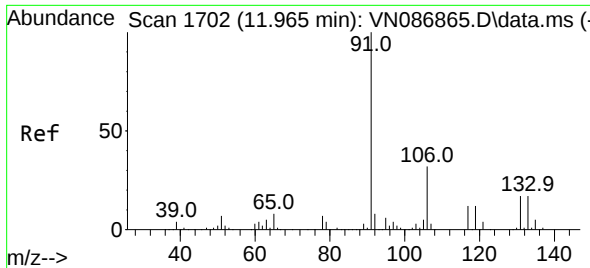
Tgt Ion:164 Resp: 1297
Ion Ratio Lower Upper
164 100
166 91.4 101.8 152.8#
129 88.3 83.0 124.4
131 83.7 78.2 117.2



#65
Chlorobenzene
Concen: 1.198 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.147 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:112 Resp: 11015
Ion Ratio Lower Upper
112 100
114 6.2 26.2 39.2#

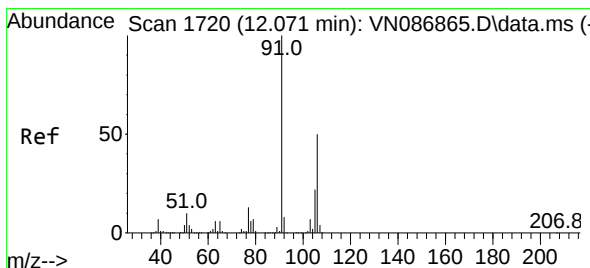
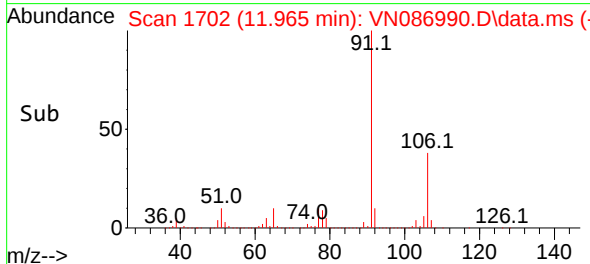
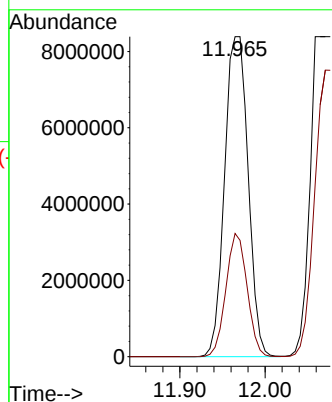
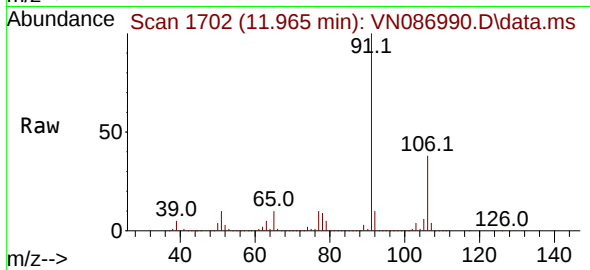




#67
Ethyl Benzene
Concen: 1018.743 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

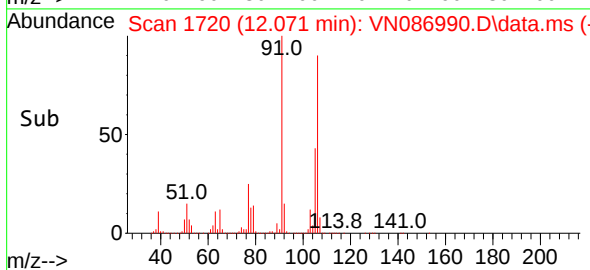
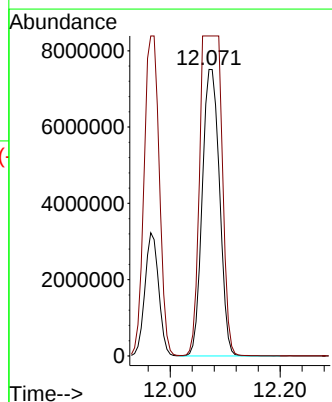
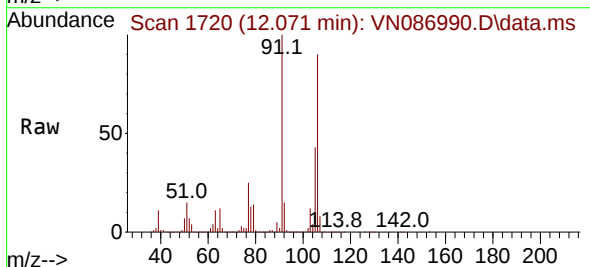
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

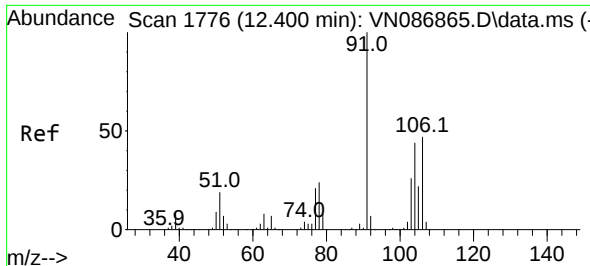
Tgt Ion: 91 Resp:16135410
Ion Ratio Lower Upper
91 100
106 38.5 25.4 38.2#



#68
m/p-Xylenes
Concen: 2692.071 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:106 Resp:16322007
Ion Ratio Lower Upper
106 100
91 0.0 159.4 239.0#

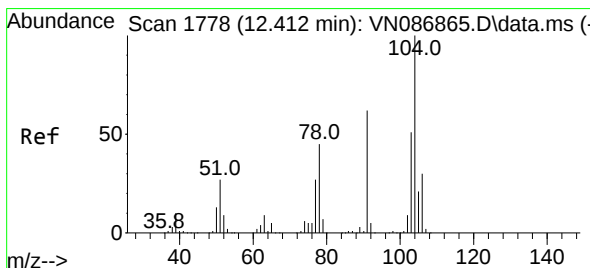
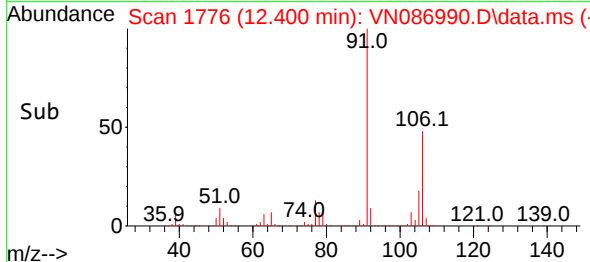
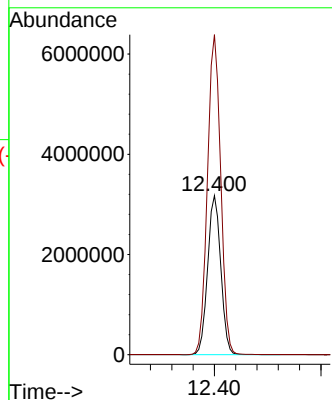
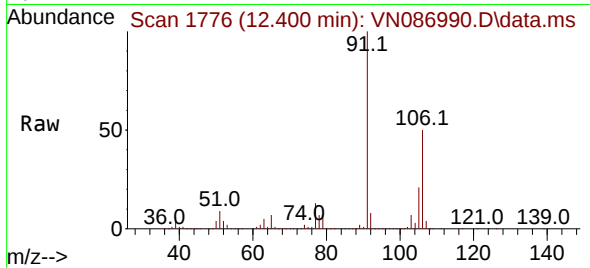




#69
o-Xylene
Concen: 935.959 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

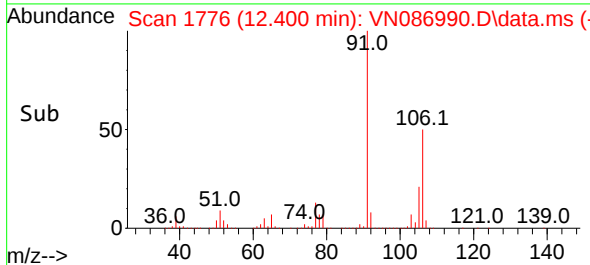
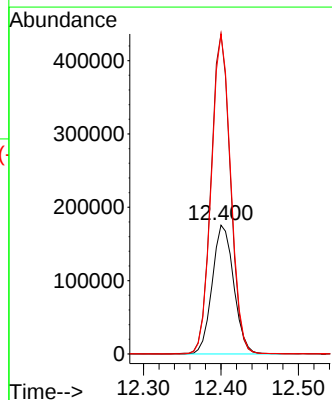
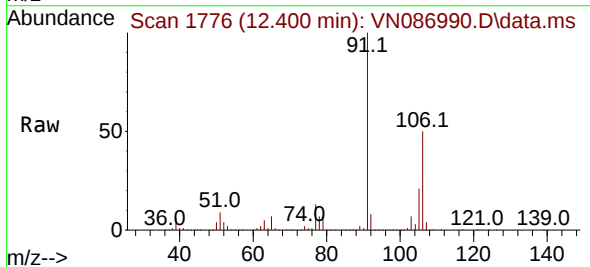
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

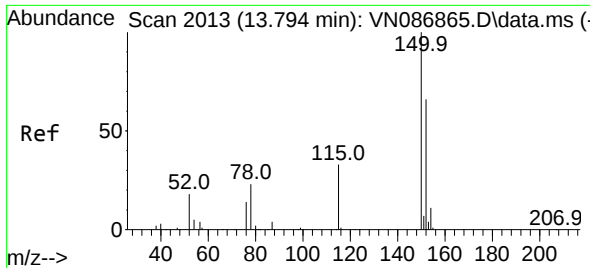
Tgt Ion:106 Resp: 5434901
Ion Ratio Lower Upper
106 100
91 203.3 106.1 318.1



#70
Styrene
Concen: 34.197 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:104 Resp: 339797
Ion Ratio Lower Upper
104 100
78 223.9 38.5 57.7#
103 224.0 43.1 64.7#

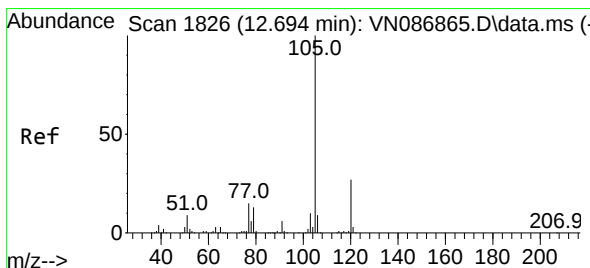
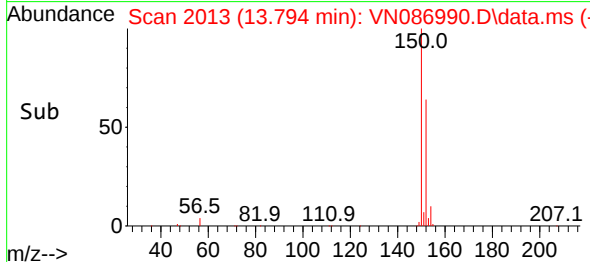
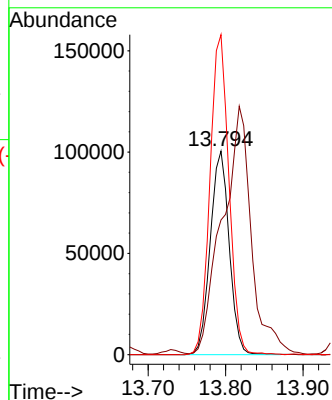
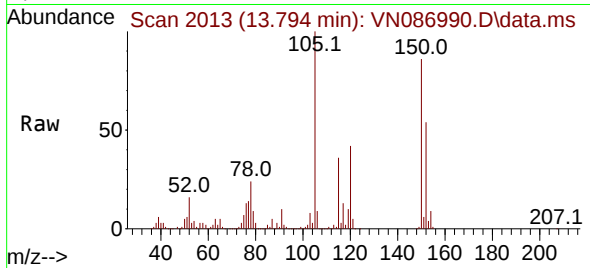




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

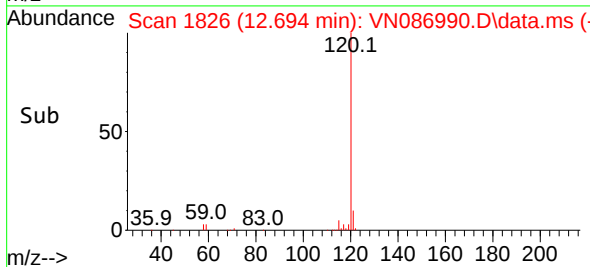
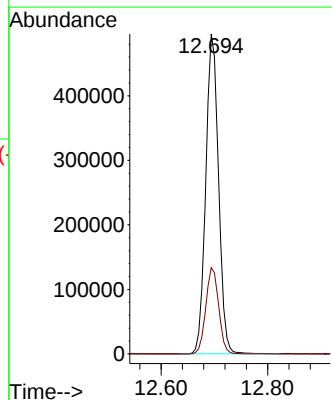
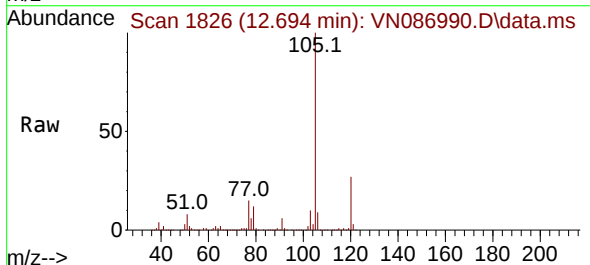
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

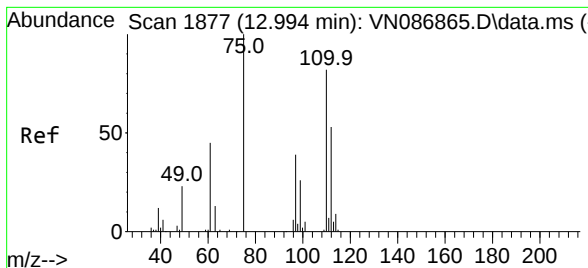
Tgt Ion:152 Resp: 170552
Ion Ratio Lower Upper
152 100
115 0.0 30.1 90.5#
150 157.0 0.0 345.0



#73
Isopropylbenzene
Concen: 66.324 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:105 Resp: 824068
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

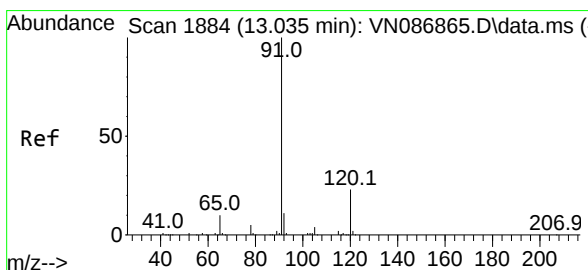
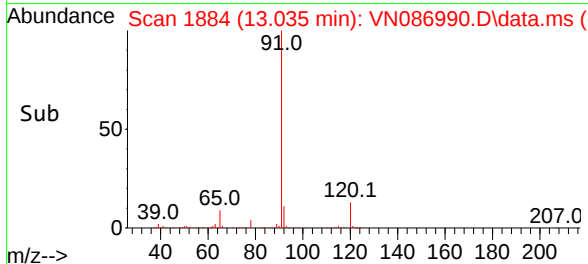
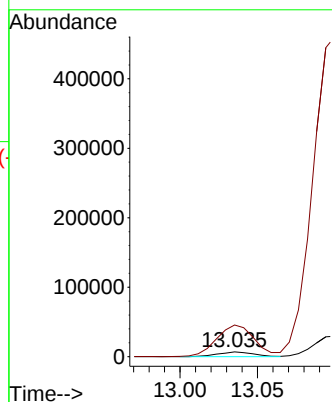
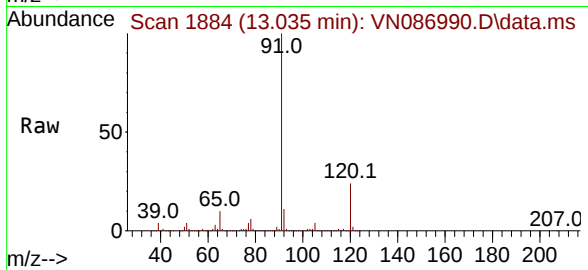




#76
1,2,3-Trichloropropane
Concen: 2.727 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

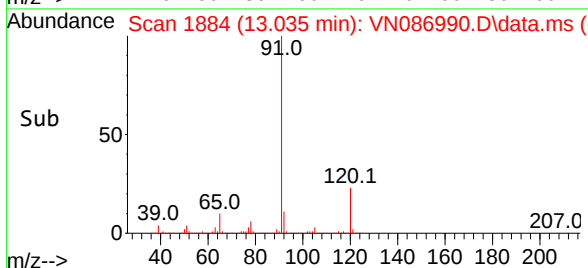
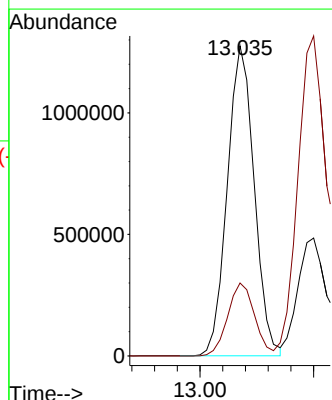
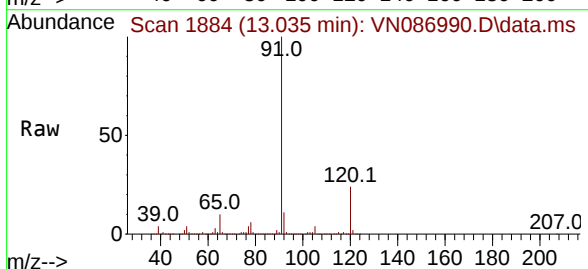
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

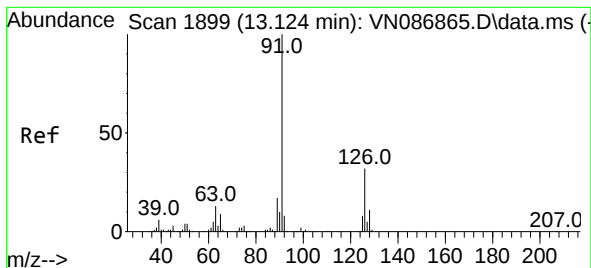
Tgt Ion: 75 Resp: 11054
Ion Ratio Lower Upper
75 100
77 710.1 79.3 237.9#



#78
n-propylbenzene
Concen: 138.829 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 91 Resp: 2096250
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 81.587 ug/l

RT: 13.100 min Scan# 1899

Delta R.T. -0.024 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

MSVOA_N

ClientSampleId :

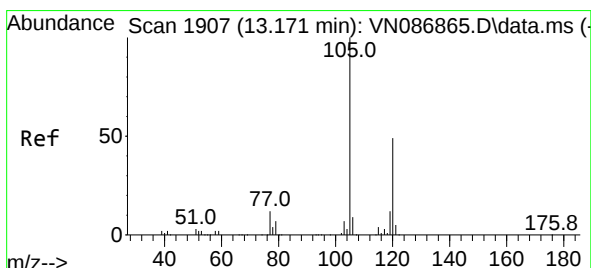
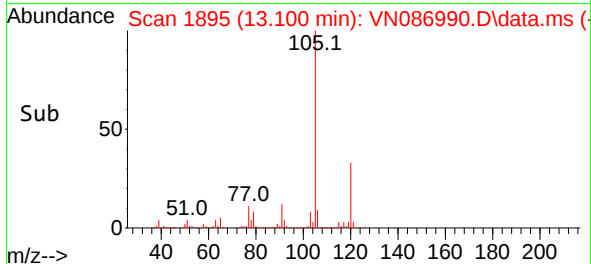
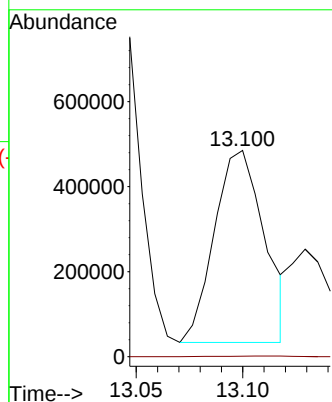
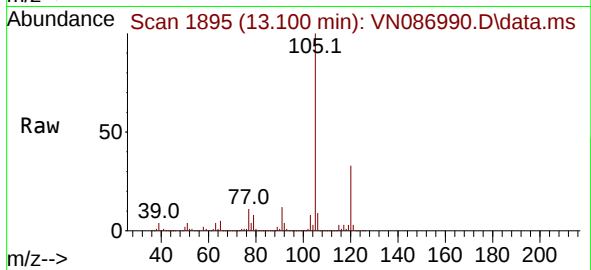
MW-3-20250605

Tgt Ion: 91 Resp: 738799

Ion Ratio Lower Upper

91 100

126 0.5 16.2 48.5#



#80

1,3,5-Trimethylbenzene

Concen: 313.725 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086990.D

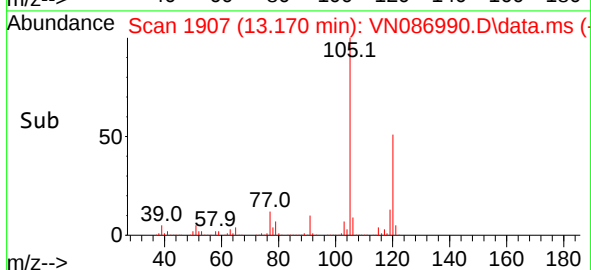
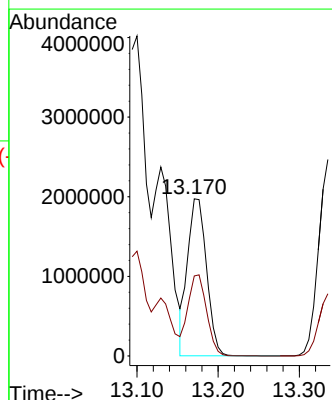
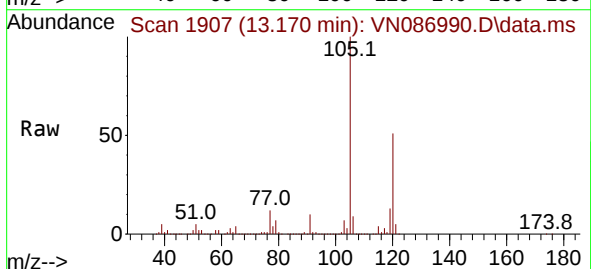
Acq: 12 Jun 2025 20:04

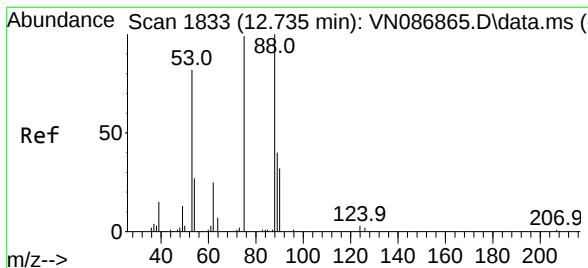
Tgt Ion:105 Resp: 3218251

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.6

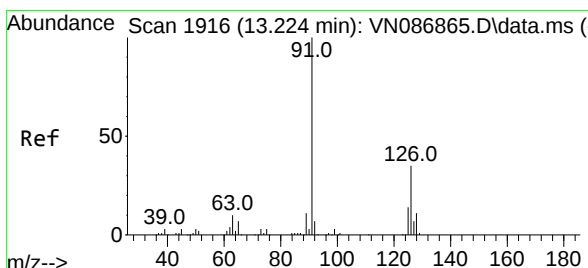
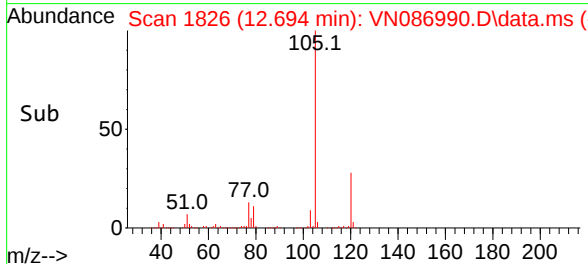
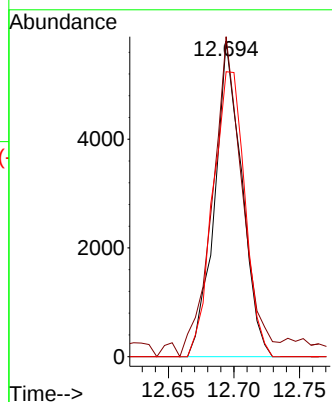
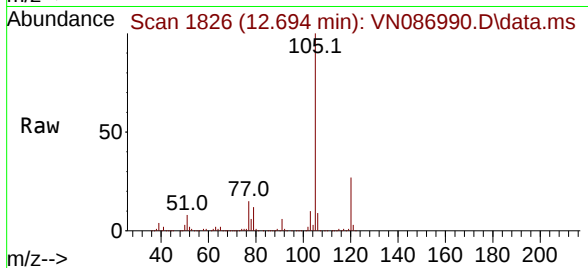




#81
trans-1,4-Dichloro-2-butene
Concen: 4.743 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

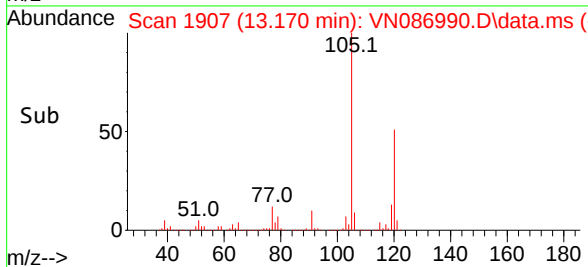
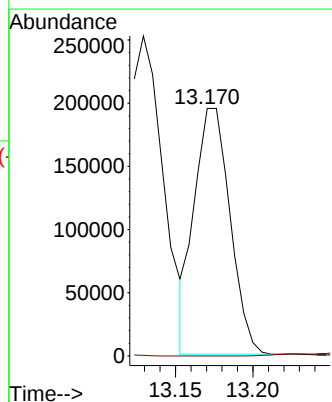
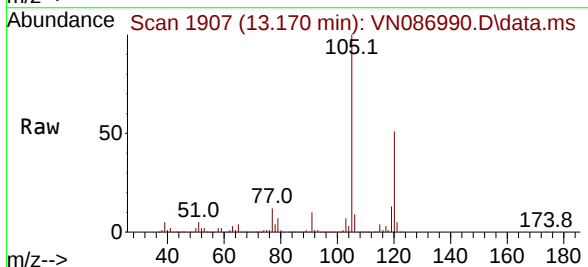
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

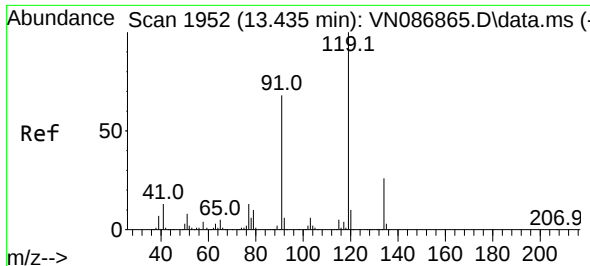
Tgt Ion: 75 Resp: 8354
Ion Ratio Lower Upper
75 100
53 114.1 66.6 99.8#
89 106.2 36.7 55.1#



#82
4-Chlorotoluene
Concen: 34.064 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion: 91 Resp: 312106
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#

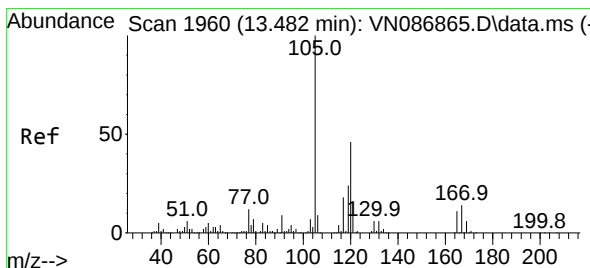
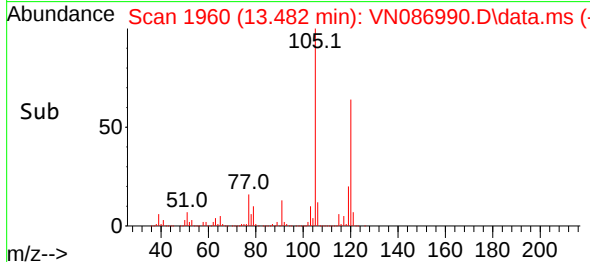
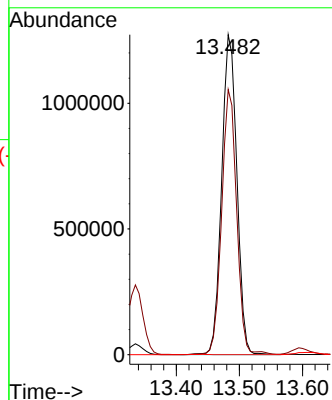
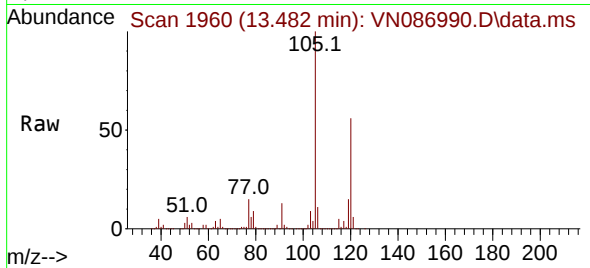




#83
tert-Butylbenzene
Concen: 226.751 ug/l
RT: 13.482 min Scan# 1952
Delta R.T. 0.047 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

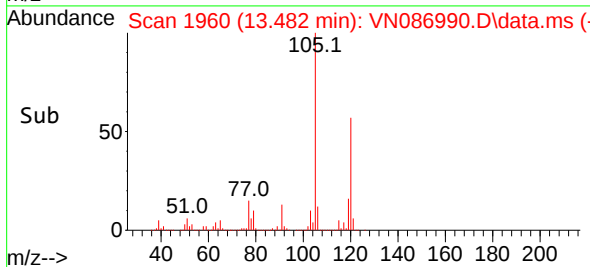
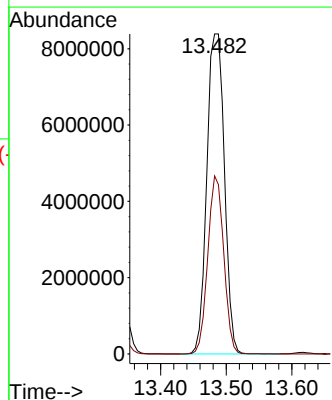
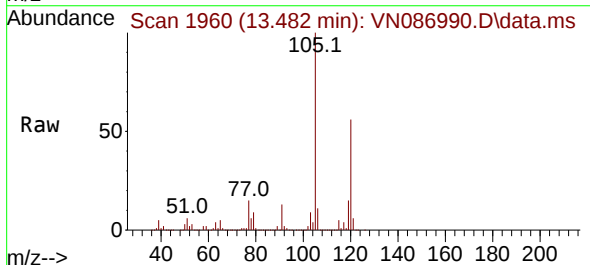
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20250605

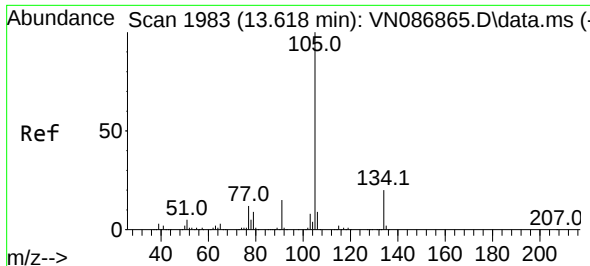
Tgt Ion:119 Resp: 2129209
Ion Ratio Lower Upper
119 100
91 81.6 32.1 96.5
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 1519.862 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086990.D
Acq: 12 Jun 2025 20:04

Tgt Ion:105 Resp:15634159
Ion Ratio Lower Upper
105 100
120 50.5 23.2 69.6

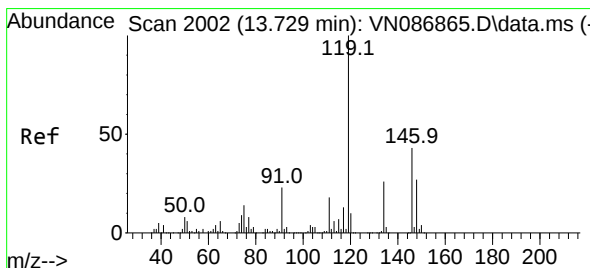
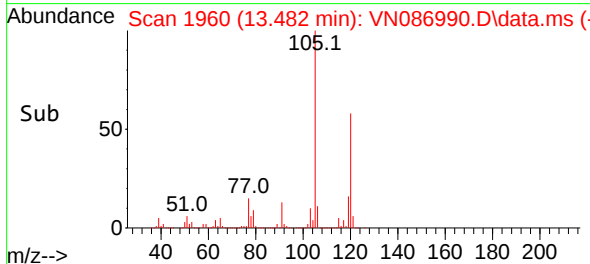
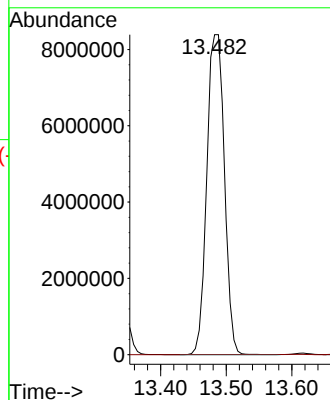
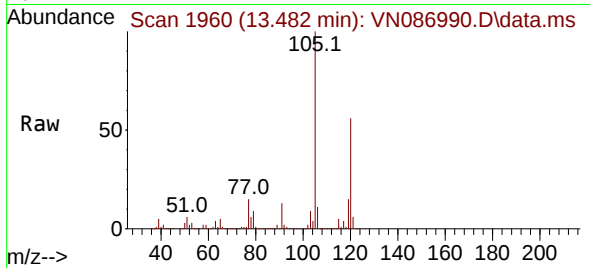




#85
 sec-Butylbenzene
 Concen: 1146.494 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN086990.D
 Acq: 12 Jun 2025 20:04

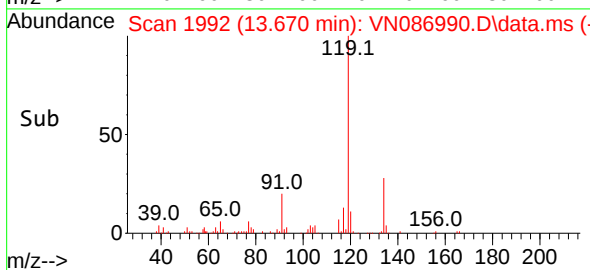
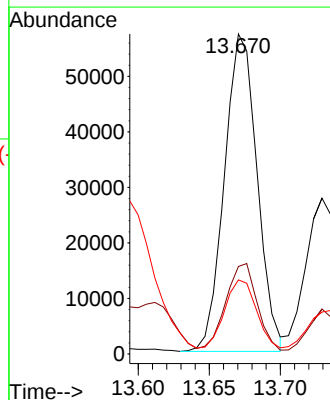
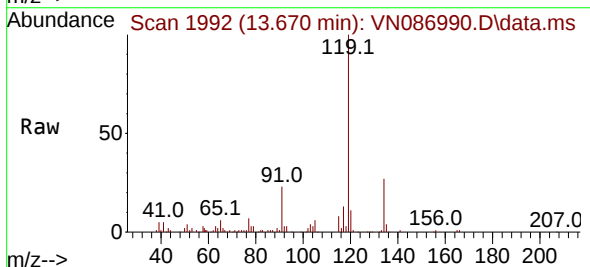
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20250605

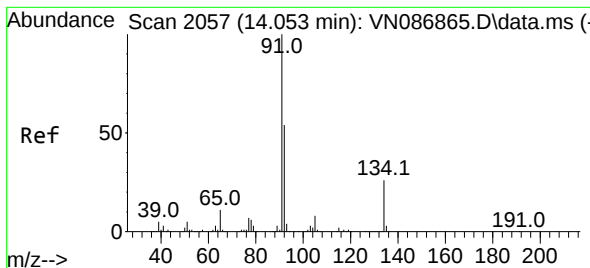
Tgt Ion:105 Resp:15634159
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 8.128 ug/l
 RT: 13.670 min Scan# 1992
 Delta R.T. -0.059 min
 Lab File: VN086990.D
 Acq: 12 Jun 2025 20:04

Tgt Ion:119 Resp: 91616
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.5 40.4
 91 0.0 11.5 34.4#





#89

n-Butylbenzene

Concen: 63.993 ug/l

RT: 13.994 min Scan# 2057

Delta R.T. -0.059 min

Lab File: VN086990.D

Acq: 12 Jun 2025 20:04

Instrument :

MSVOA_N

ClientSampleId :

MW-3-20250605

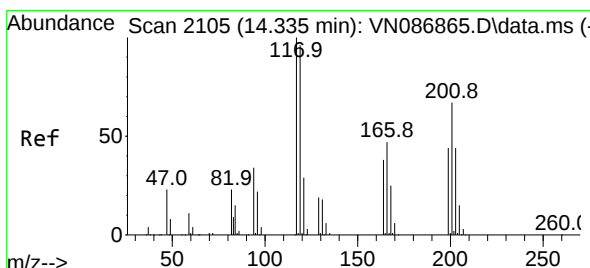
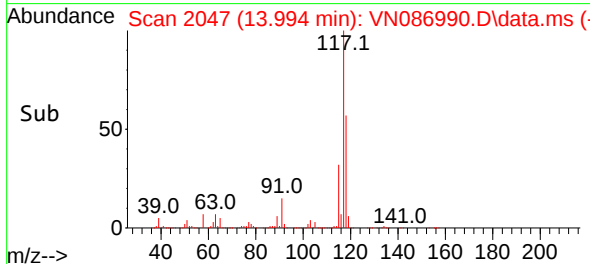
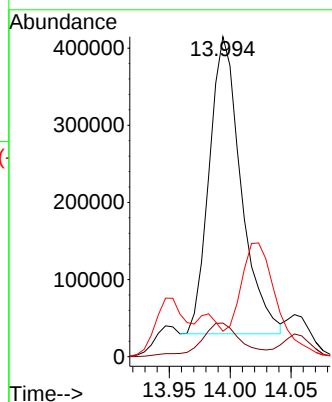
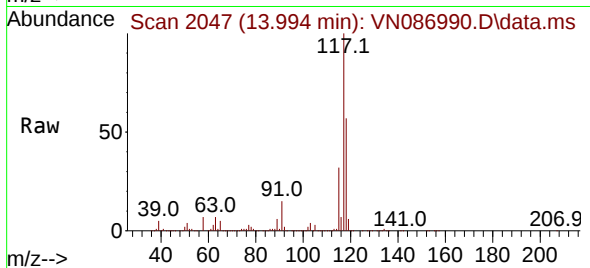
Tgt Ion: 91 Resp: 698705

Ion Ratio Lower Upper

91 100

92 14.4 27.5 82.4#

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 45.468 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086990.D

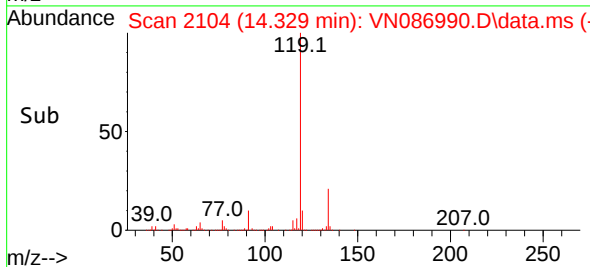
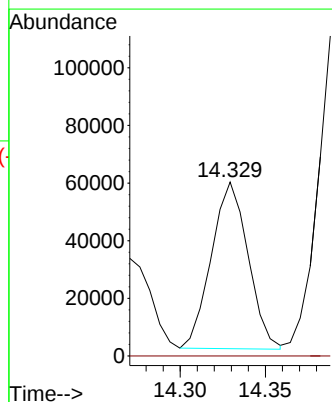
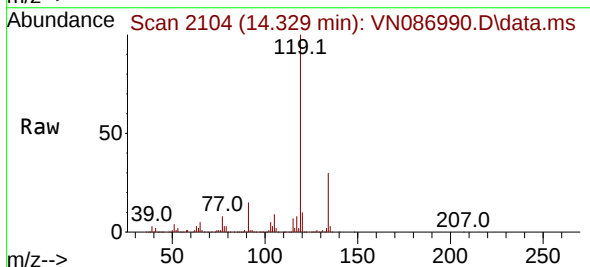
Acq: 12 Jun 2025 20:04

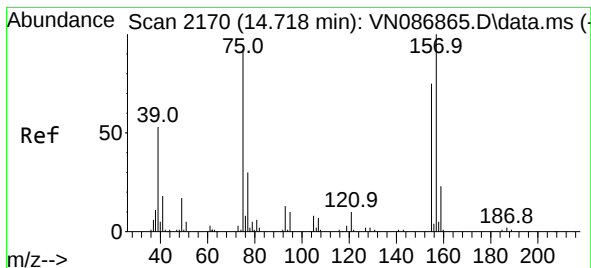
Tgt Ion: 117 Resp: 86877

Ion Ratio Lower Upper

117 100

201 0.0 33.2 99.6#

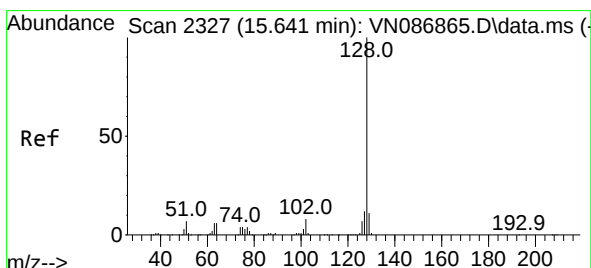
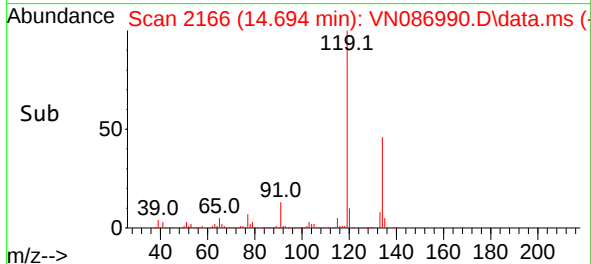
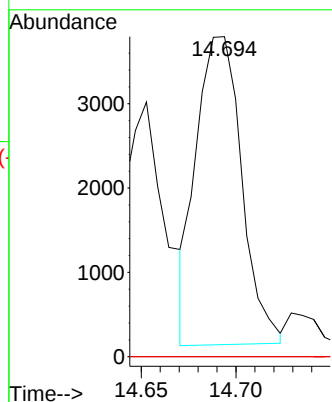
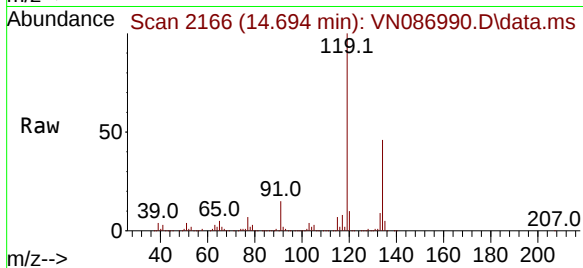




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.041 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.024 min
 Lab File: VN086990.D
 Acq: 12 Jun 2025 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20250605

Tgt Ion: 75 Resp: 6081
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.1 123.4#
 157 0.0 52.7 158.1#



#95
 Naphthalene
 Concen: 523.254 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN086990.D
 Acq: 12 Jun 2025 20:04

Tgt Ion: 128 Resp: 6698704
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 11.0 8.8 13.2

