

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086989.D
 Acq On : 12 Jun 2025 19:41
 Operator : JC\MD
 Sample : Q2268-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605

Quant Time: Jun 13 01:33:40 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	8.230	168	198700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149213	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	135252	50.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.680%
35) Dibromofluoromethane	8.177	113	116076	51.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.571	98	467889	51.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.847	95	157381	47.073	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.140%
Target Compounds						
						Qvalue
6) Chloroethane	3.154	64	700	0.411	ug/l	93
11) Tert butyl alcohol	5.548	59	7100	9.836	ug/l #	73
13) Acrolein	4.171	56	4654	20.368	ug/l #	1
14) Allyl chloride	5.177	41	9526	2.597	ug/l #	9
15) Acrylonitrile	5.836	53	6040	3.580	ug/l #	36
16) Acetone	4.453	43	38042	26.965	ug/l	89
17) Carbon Disulfide	4.748	76	1376	0.225	ug/l #	75
18) Methyl Acetate	5.306	43	44692	10.870	ug/l #	49
19) Methyl tert-butyl Ether	5.818	73	198035	24.731	ug/l #	1
20) Methylene Chloride	5.312	84	867	0.328	ug/l #	26
25) 2-Butanone	7.506	43	15515	6.766	ug/l	95
26) 2,2-Dichloropropane	7.336	77	1645	0.475	ug/l #	52
30) Chloroform	7.941	83	5891	1.326	ug/l #	17
31) Cyclohexane	8.265	56	102271	23.702	ug/l #	96
36) 1,1-Dichloropropene	8.236	75	15038	4.440	ug/l #	47
37) Ethyl Acetate	7.506	43	15515	3.598	ug/l #	66
38) Carbon Tetrachloride	8.236	117	19245	5.787	ug/l #	17
39) Methylcyclohexane	9.606	83	140892	30.360	ug/l	96
40) Benzene	8.618	78	5925137	534.934	ug/l	99
42) 1,2-Dichloroethane	8.618	62	42616	12.685	ug/l	82
43) Isopropyl Acetate	8.712	43	12998	1.878	ug/l #	53
45) 1,2-Dichloropropane	9.606	63	969	0.360	ug/l #	1
47) Bromodichloromethane	9.877	83	2852	0.774	ug/l #	25
48) Methyl methacrylate	9.606	41	78273	24.573	ug/l #	60
51) 4-Methyl-2-Pentanone	10.412	43	101393	24.336	ug/l #	34
52) Toluene	10.635	92	1774259	262.112	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	18328	4.451	ug/l #	1
54) cis-1,3-Dichloropropene	10.412	75	905	0.205	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	29878	11.471	ug/l #	20
56) Ethyl methacrylate	10.912	69	6472	1.560	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.106	63	1897	0.767	ug/l #	46
59) 2-Hexanone	11.247	43	4011	1.495	ug/l	82
65) Chlorobenzene	12.041	112	4740	0.632	ug/l #	42
67) Ethyl Benzene	11.965	91	6902127	534.225	ug/l	99
68) m/p-Xylenes	12.071	106	10625188	2148.355	ug/l	87
69) o-Xylene	12.400	106	4005333	845.591	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086989.D
 Acq On : 12 Jun 2025 19:41
 Operator : JC\MD
 Sample : Q2268-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605

Quant Time: Jun 13 01:33:40 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)

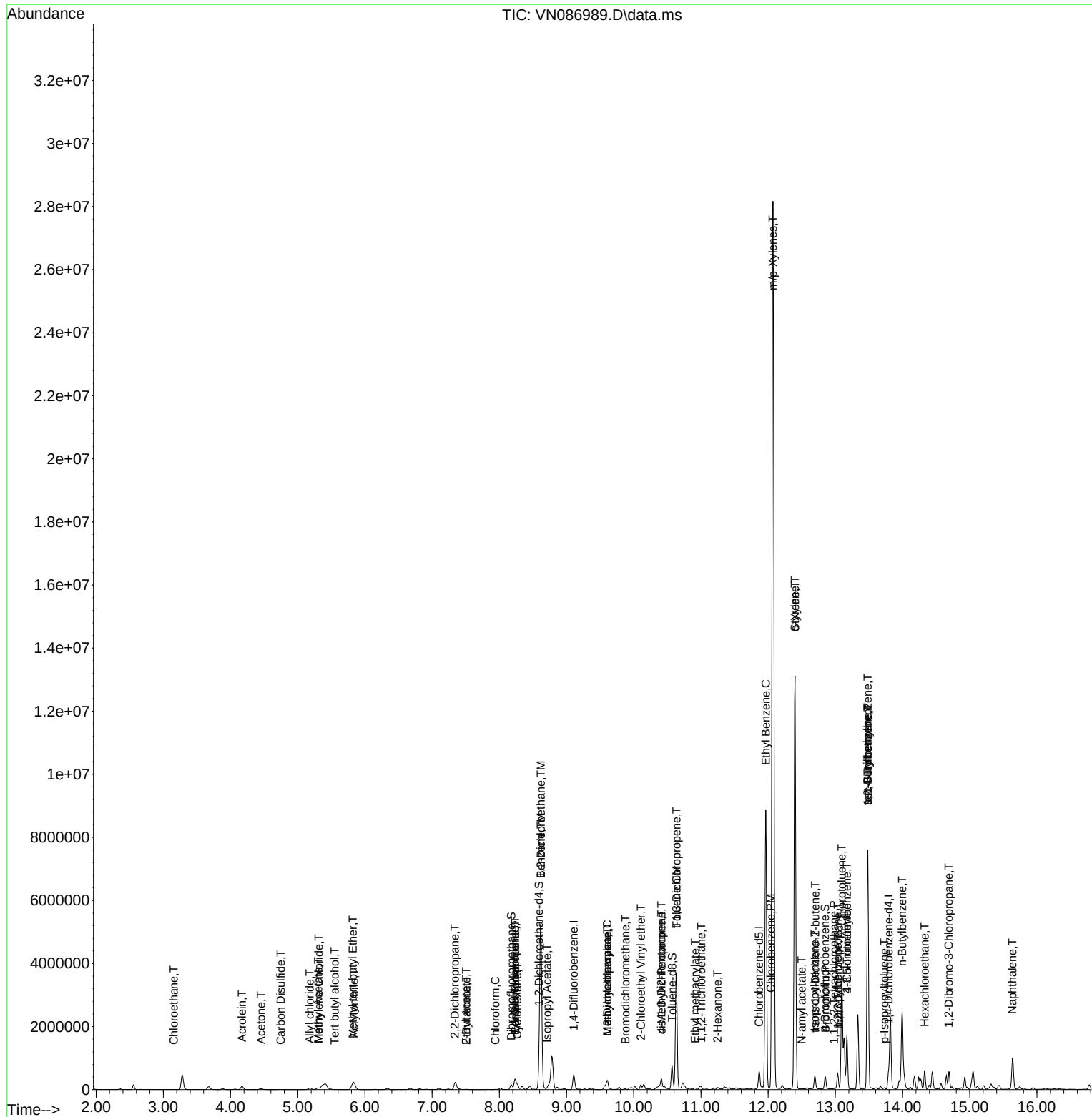
70) Styrene	12.400	104	203967	25.164	ug/l #	1
71) Bromoform	12.853	173	842	0.471	ug/l #	1
73) Isopropylbenzene	12.694	105	280669	25.820	ug/l	99
74) N-amyl acetate	12.500	43	1995	0.525	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.982	83	1242	0.337	ug/l #	26
76) 1,2,3-Trichloropropane	13.035	75	2459	0.693	ug/l #	1
78) n-propylbenzene	13.035	91	396408	30.008	ug/l	99
79) 2-Chlorotoluene	13.094	91	258293	32.603	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.171	105	935009	104.183	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.700	75	2955	1.918	ug/l #	37
82) 4-Chlorotoluene	13.171	91	92118	11.492	ug/l #	41
83) tert-Butylbenzene	13.482	119	568954	69.256	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	4560220	506.717	ug/l	99
85) sec-Butylbenzene	13.482	105	4560220	382.237	ug/l #	56
86) p-Isopropyltoluene	13.729	119	19537	1.981	ug/l #	78
89) n-Butylbenzene	13.994	91	278466	29.151	ug/l #	44
90) Hexachloroethane	14.329	117	27475	16.436	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.688	75	2808	3.188	ug/l #	2
95) Naphthalene	15.635	128	990007	88.391	ug/l	100

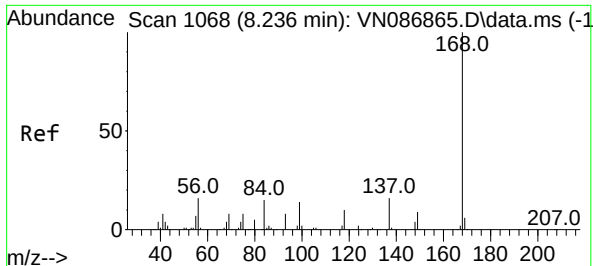
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086989.D
Acq On : 12 Jun 2025 19:41
Operator : JC\MD
Sample : Q2268-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

Quant Time: Jun 13 01:33:40 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

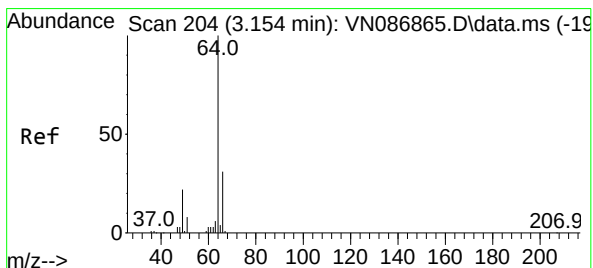
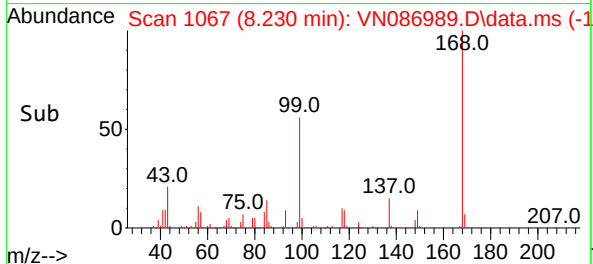
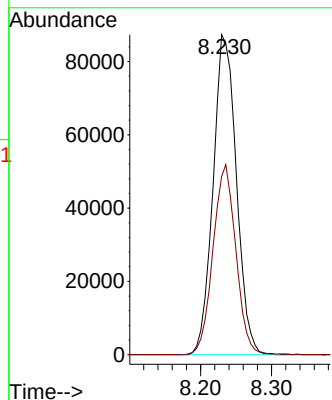
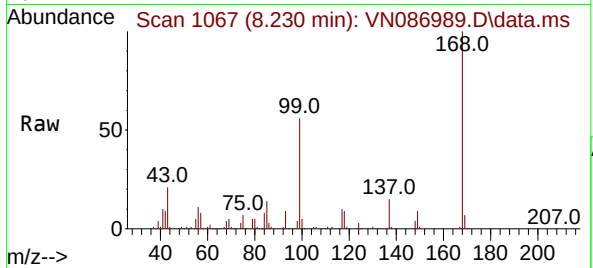




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

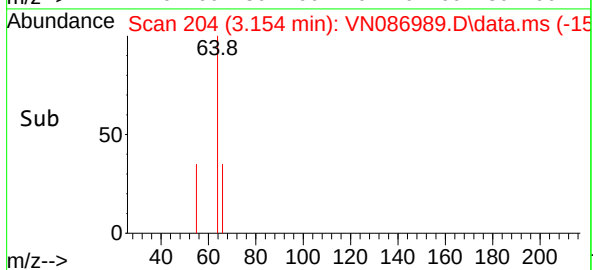
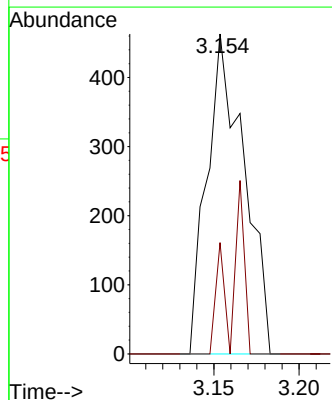
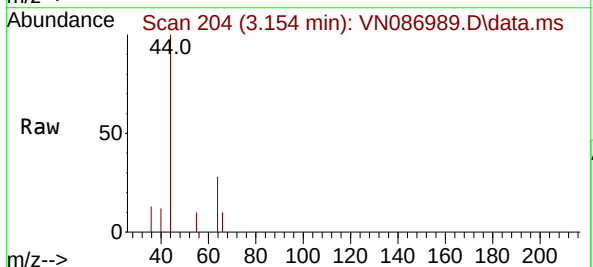
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

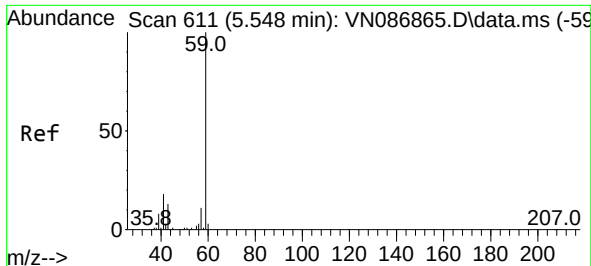
Tgt Ion:168 Resp: 198700
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#6
Chloroethane
Concen: 0.411 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 64 Resp: 700
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8





#11

Tert butyl alcohol

Concen: 9.836 ug/l

RT: 5.548 min Scan# 611

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

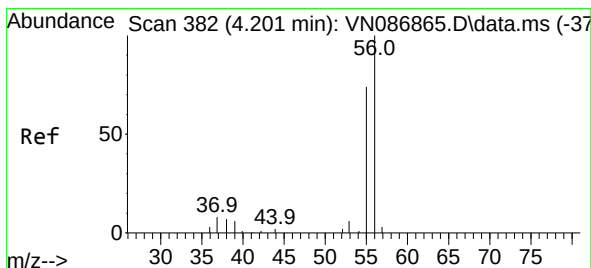
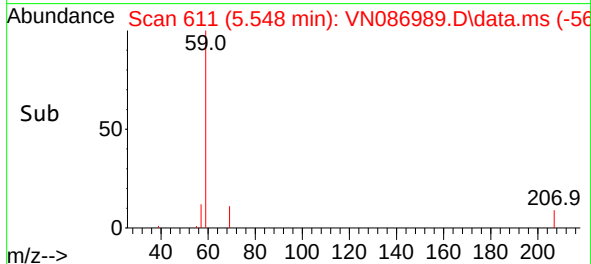
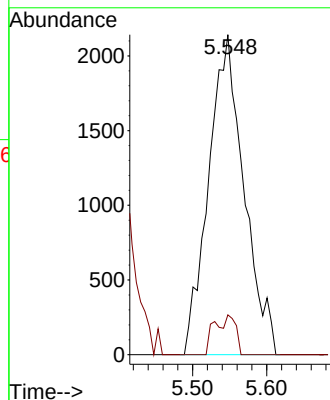
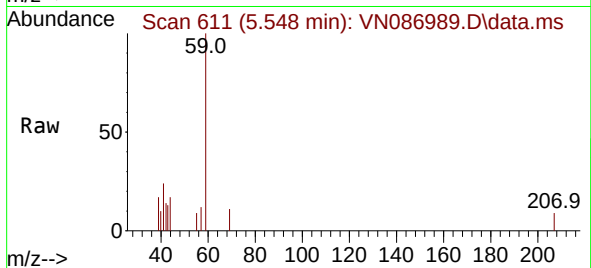
MW-6-20250605

Tgt Ion: 59 Resp: 7100

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 20.368 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.029 min

Lab File: VN086989.D

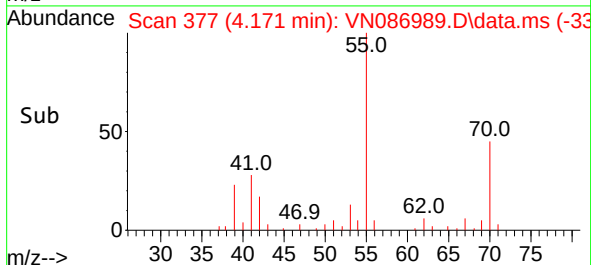
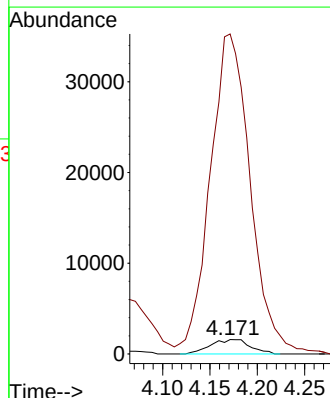
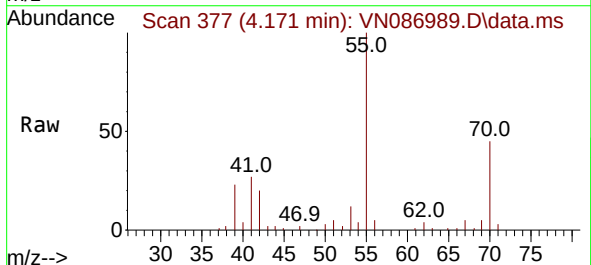
Acq: 12 Jun 2025 19:41

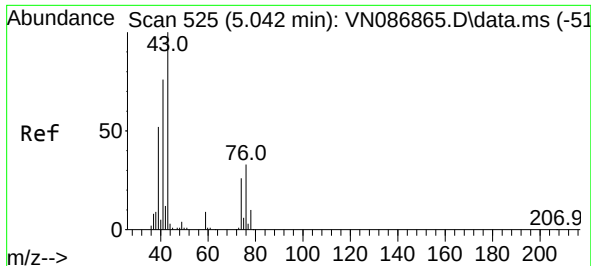
Tgt Ion: 56 Resp: 4654

Ion Ratio Lower Upper

56 100

55 2240.5 55.6 83.4#

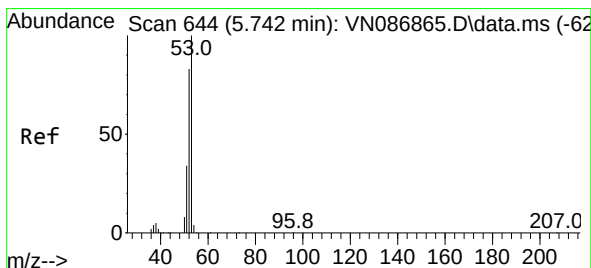
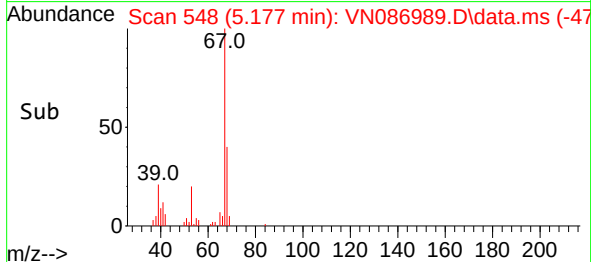
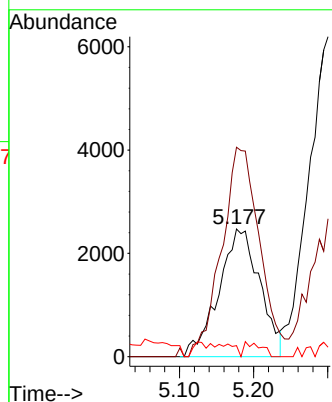
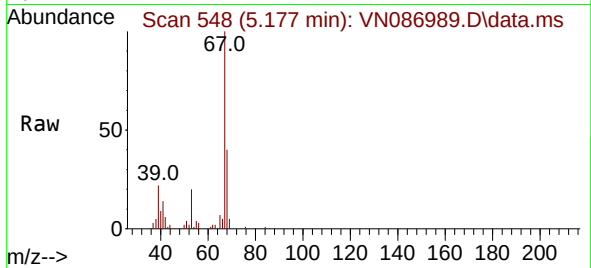




#14
 Allyl chloride
 Concen: 2.597 ug/l
 RT: 5.177 min Scan# 54
 Delta R.T. 0.135 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

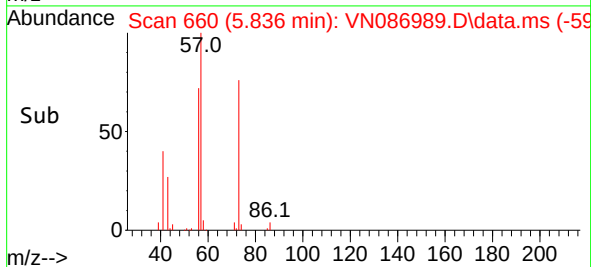
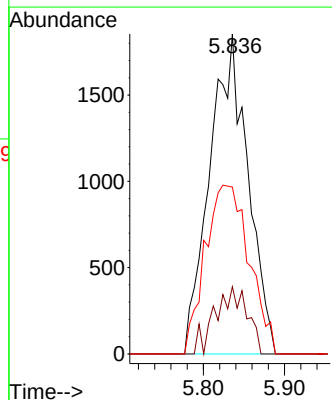
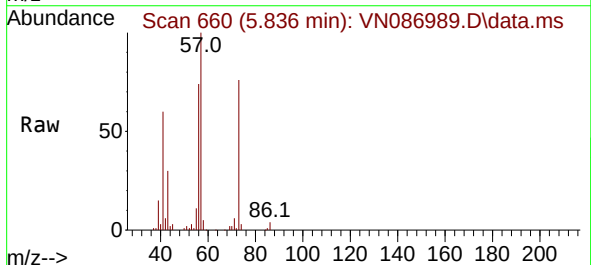
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605

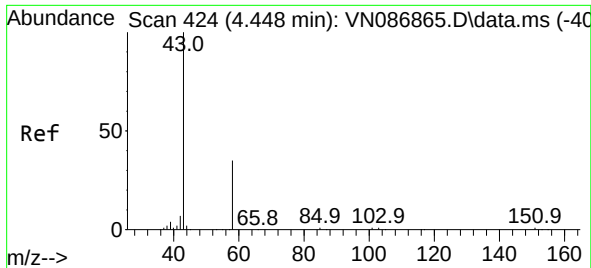
Tgt Ion: 41 Resp: 9526
 Ion Ratio Lower Upper
 41 100
 39 151.8 51.3 76.9#
 76 4.7 31.4 47.0#



#15
 Acrylonitrile
 Concen: 3.580 ug/l
 RT: 5.836 min Scan# 660
 Delta R.T. 0.094 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

Tgt Ion: 53 Resp: 6040
 Ion Ratio Lower Upper
 53 100
 52 17.6 65.0 97.6#
 51 61.0 27.2 40.8#

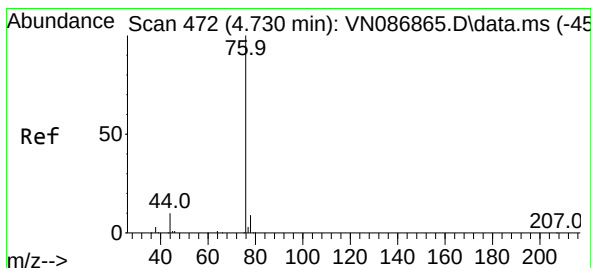
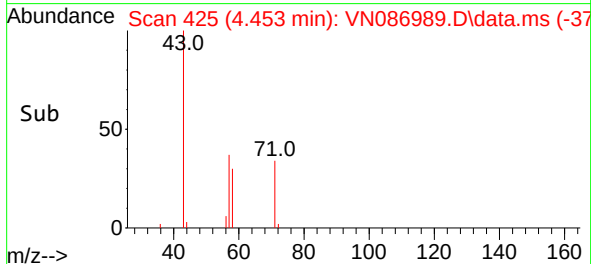
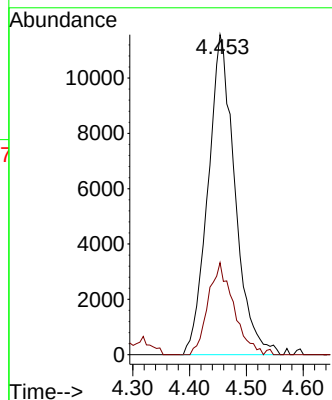
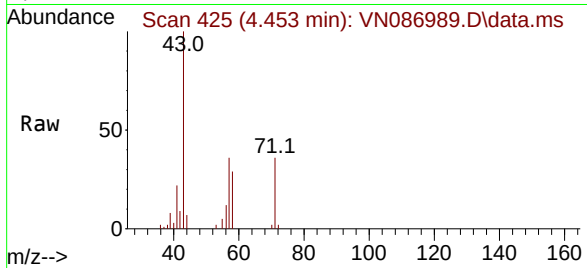




#16
Acetone
Concen: 26.965 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

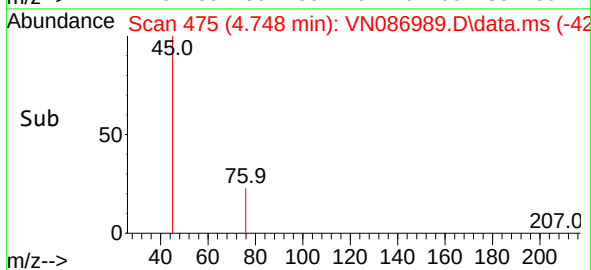
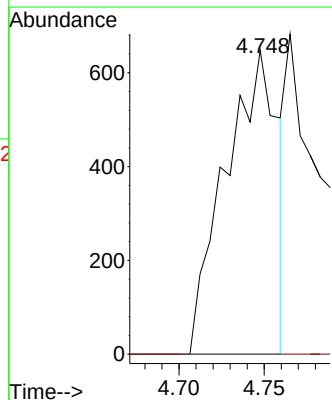
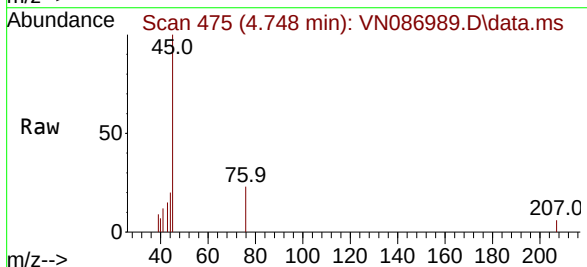
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

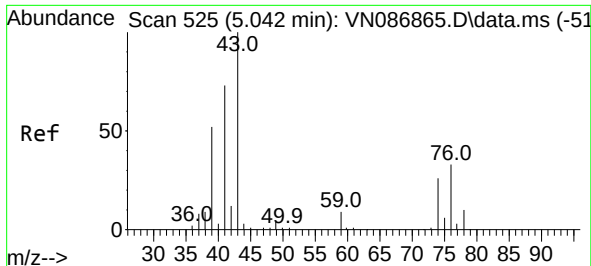
Tgt Ion: 43 Resp: 38042
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.748 min Scan# 475
Delta R.T. 0.018 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 76 Resp: 1376
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

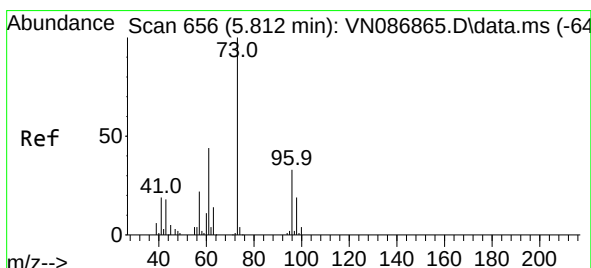
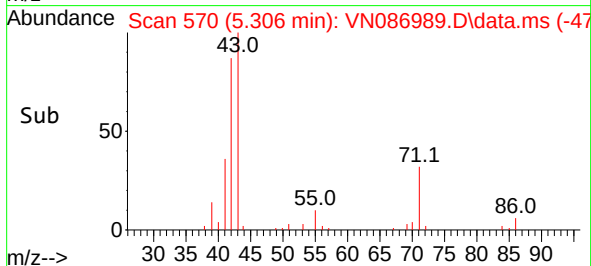
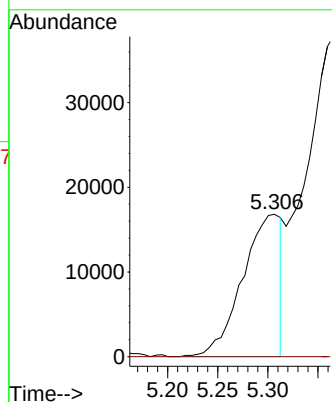
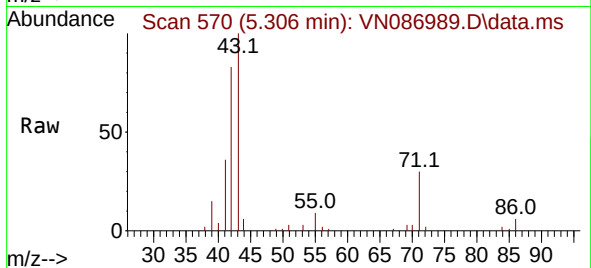




#18
Methyl Acetate
Concen: 10.870 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.265 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

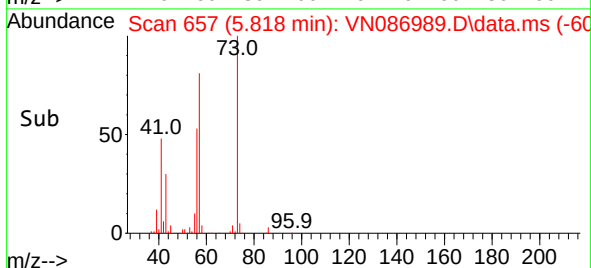
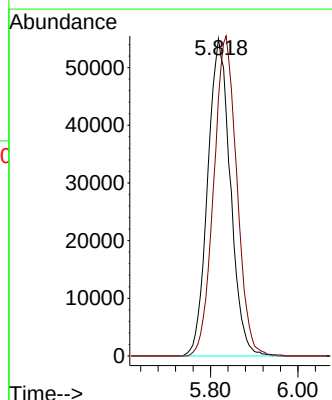
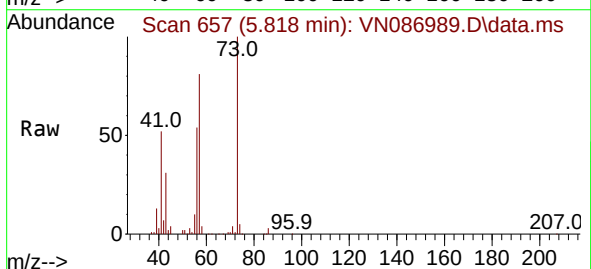
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

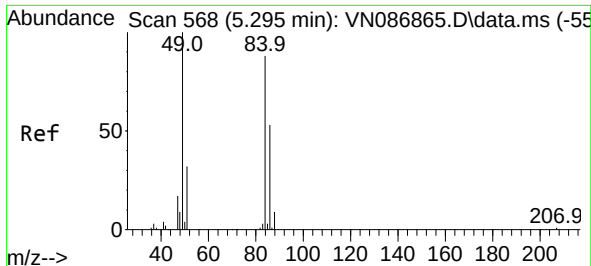
Tgt Ion: 43 Resp: 44692
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#19
Methyl tert-butyl Ether
Concen: 24.731 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

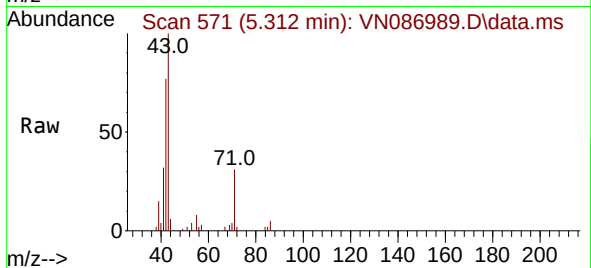
Tgt Ion: 73 Resp: 198035
Ion Ratio Lower Upper
73 100
57 81.3 17.4 26.2#



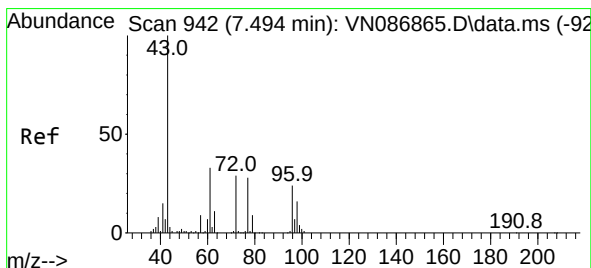
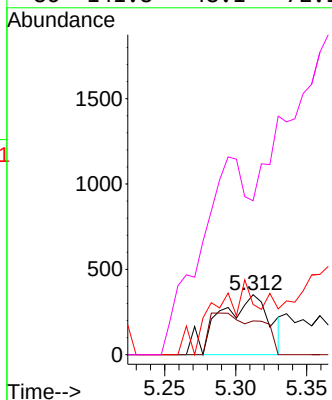
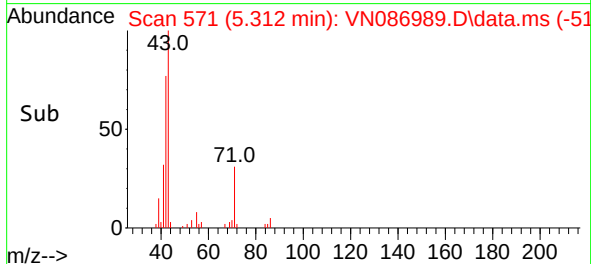


#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 5.312 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

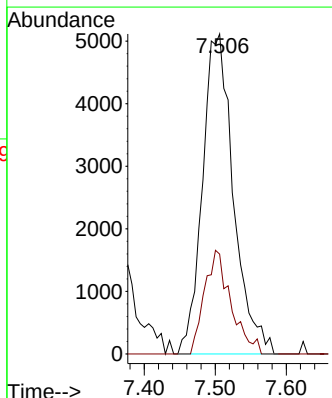
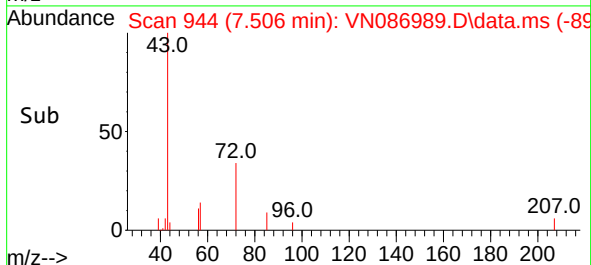
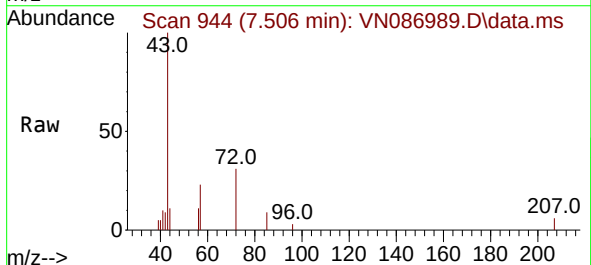


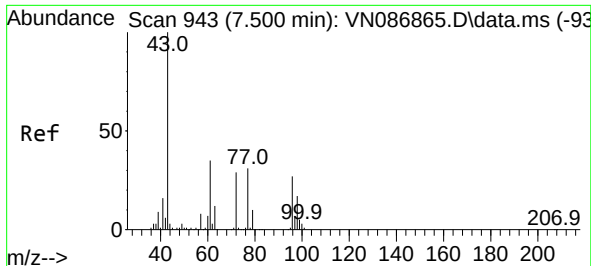
Tgt Ion:	84	Resp:	867
Ion	Ratio	Lower	Upper
84	100		
49	56.2	90.5	135.7#
51	83.8	28.5	42.7#
86	141.8	48.1	72.1#



#25
2-Butanone
Concen: 6.766 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion:	43	Resp:	15515
Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.0	34.6

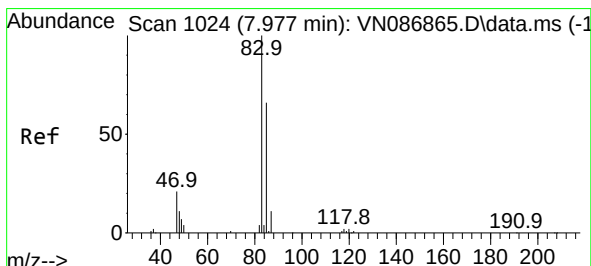
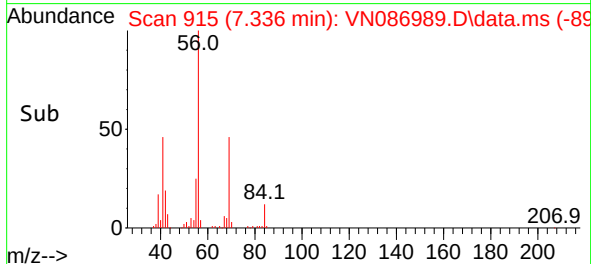
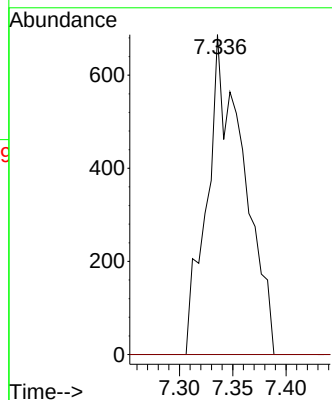
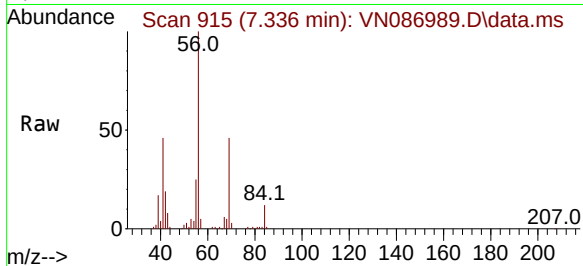




#26
2,2-Dichloropropane
Concen: 0.475 ug/l
RT: 7.336 min Scan# 915
Delta R.T. -0.165 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

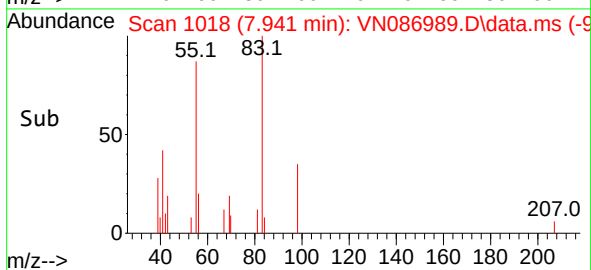
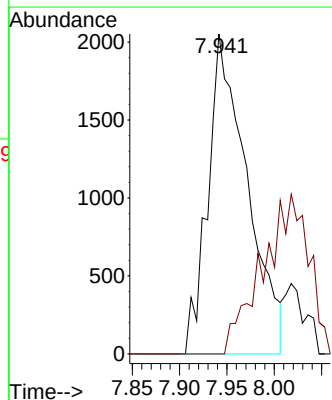
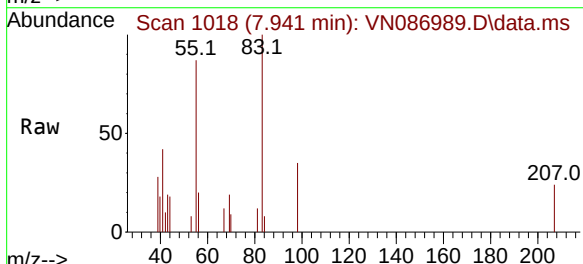
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

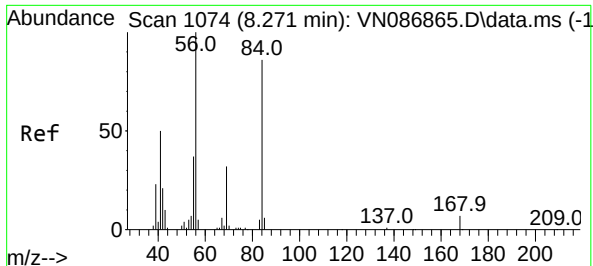
Tgt Ion: 77 Resp: 1645
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#30
Chloroform
Concen: 1.326 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.035 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 83 Resp: 5891
Ion Ratio Lower Upper
83 100
85 0.0 52.9 79.3#

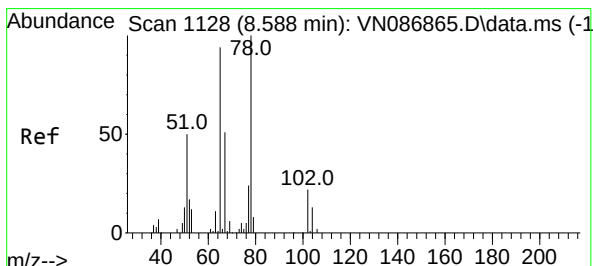
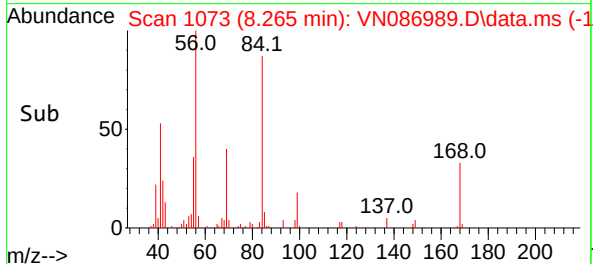
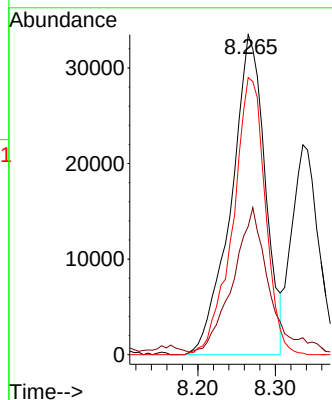
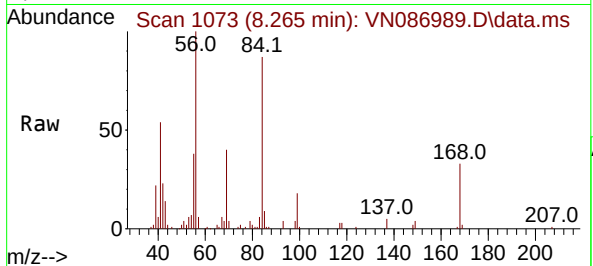




#31
Cyclohexane
Concen: 23.702 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

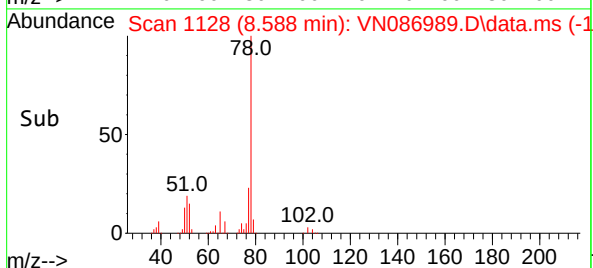
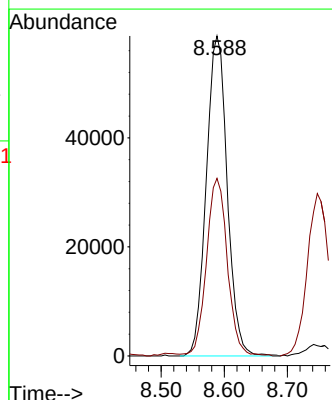
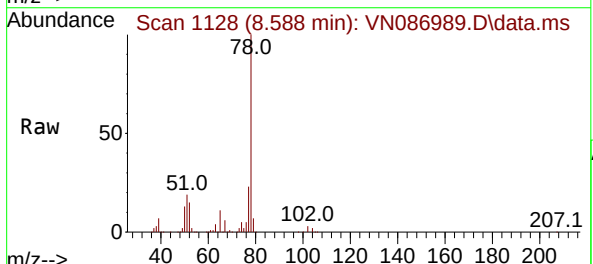
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

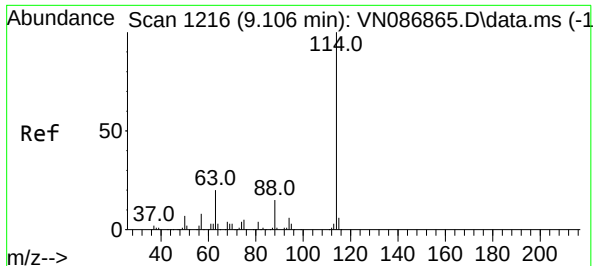
Tgt Ion: 56 Resp: 102271
Ion Ratio Lower Upper
56 100
69 38.4 25.4 38.0#
84 86.6 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 50.840 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 65 Resp: 135252
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

MW-6-20250605

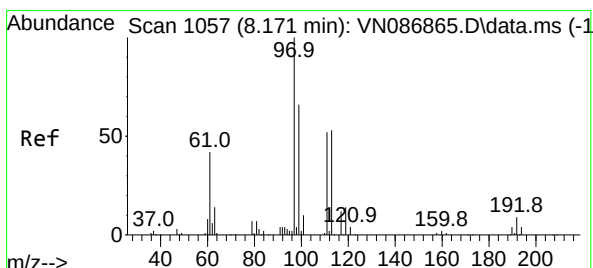
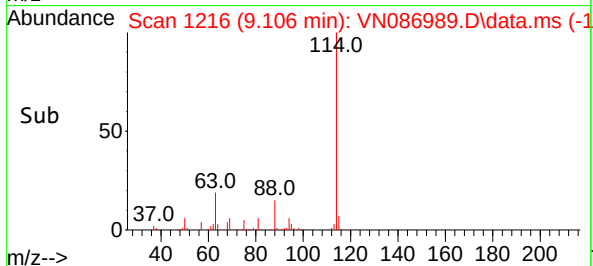
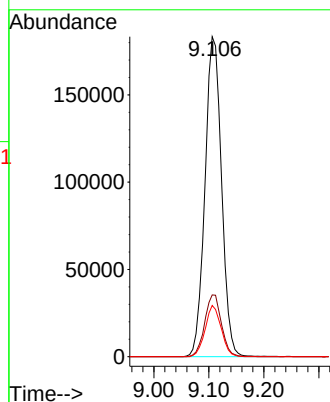
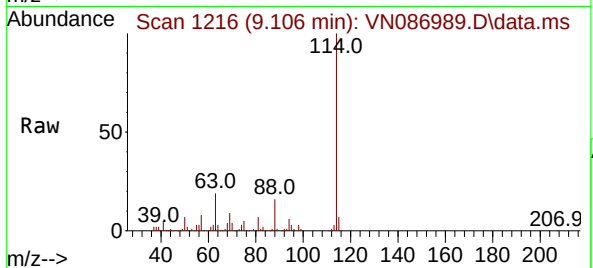
Tgt Ion:114 Resp: 383576

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

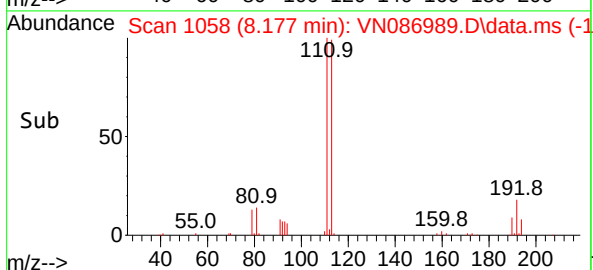
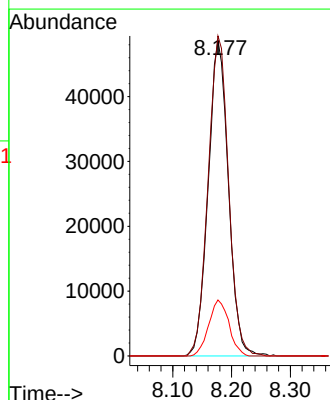
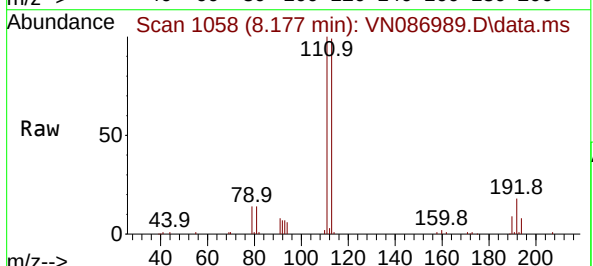
Tgt Ion:113 Resp: 116076

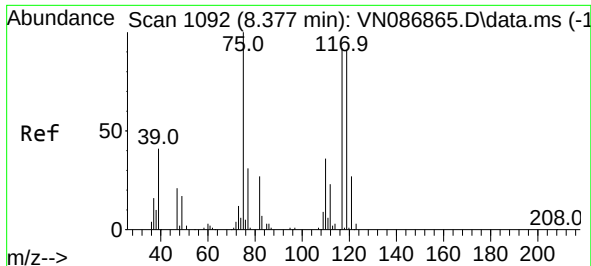
Ion Ratio Lower Upper

113 100

111 102.6 84.2 126.2

192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.440 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

MW-6-20250605

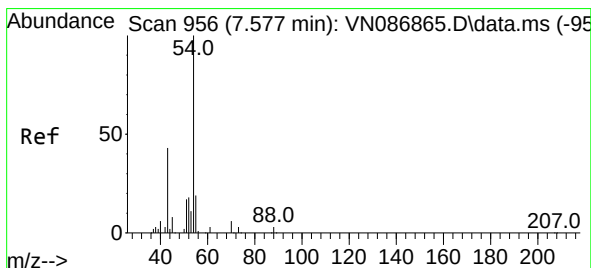
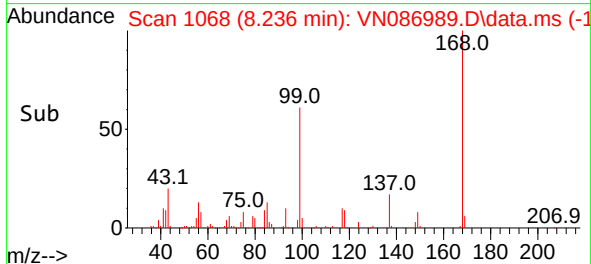
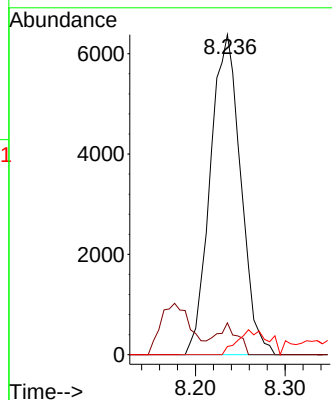
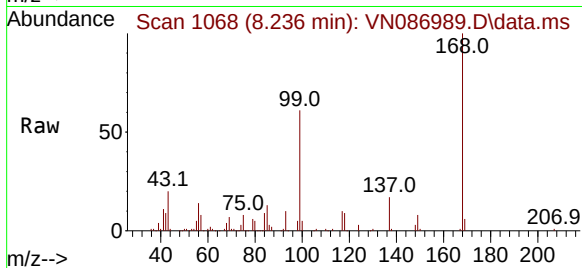
Tgt Ion: 75 Resp: 15038

Ion Ratio Lower Upper

75 100

110 6.8 17.6 52.9#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 3.598 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.071 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

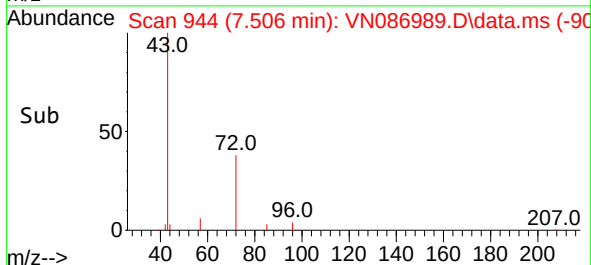
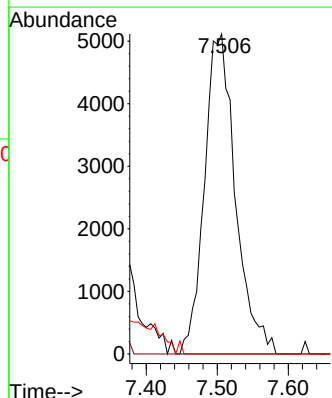
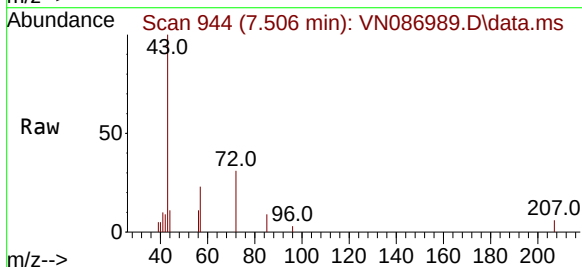
Tgt Ion: 43 Resp: 15515

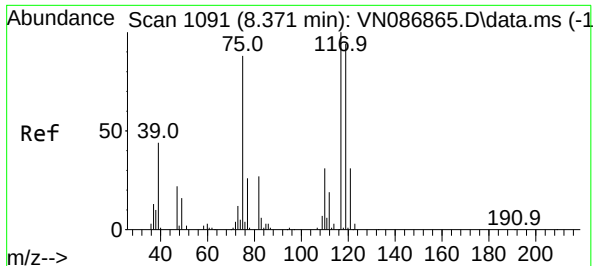
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 9.8 14.6#

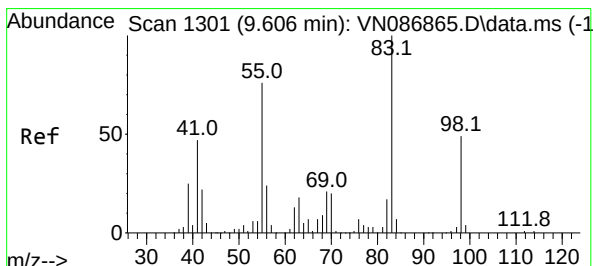
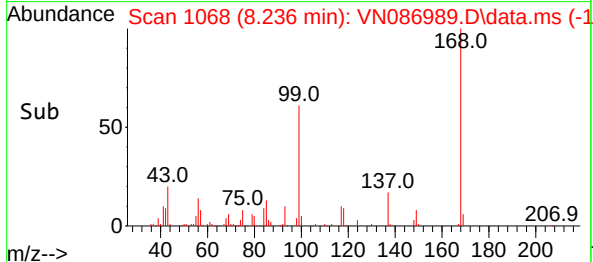
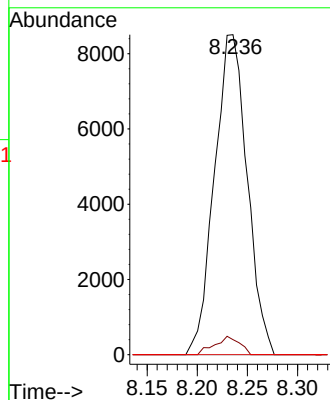
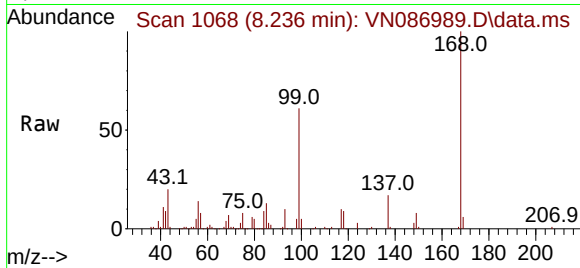




#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

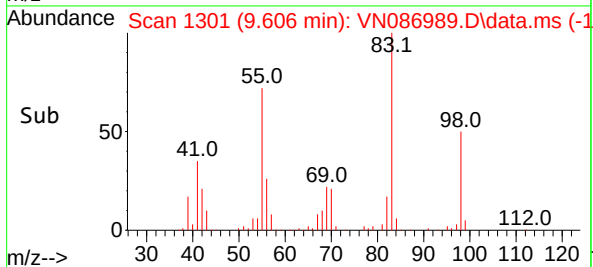
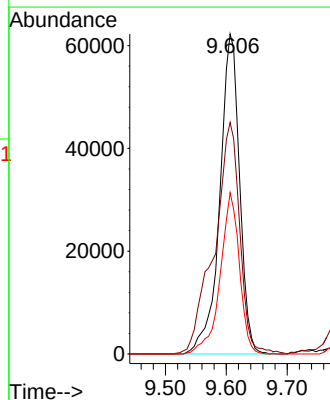
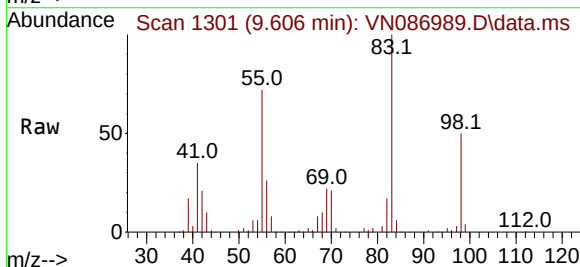
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

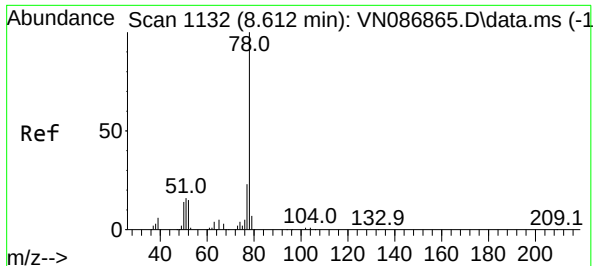
Tgt Ion:117 Resp: 19245
Ion Ratio Lower Upper
117 100
119 4.7 75.0 112.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 30.360 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 83 Resp: 140892
Ion Ratio Lower Upper
83 100
55 72.0 61.0 91.6
98 50.4 38.9 58.3

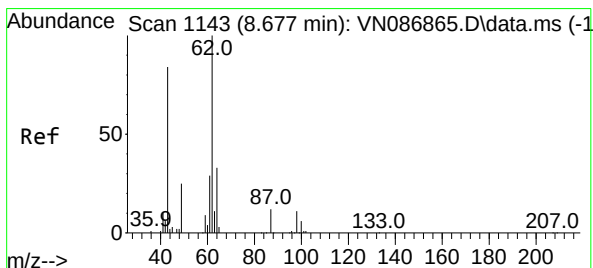
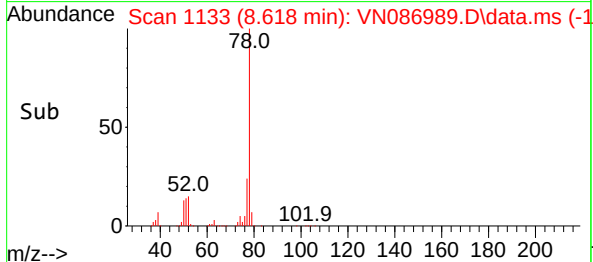
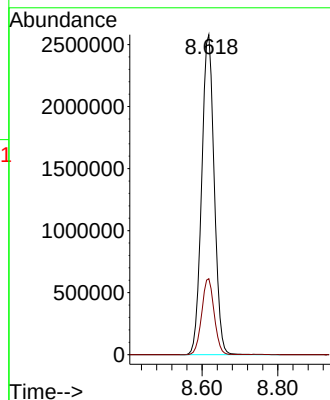
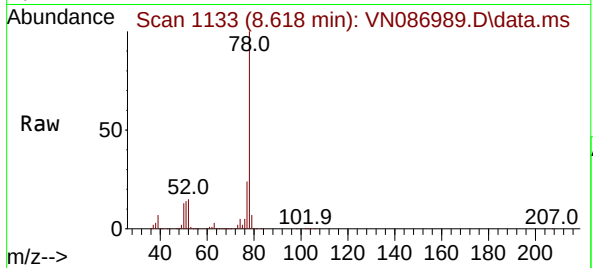




#40
Benzene
Concen: 534.934 ug/l
RT: 8.618 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

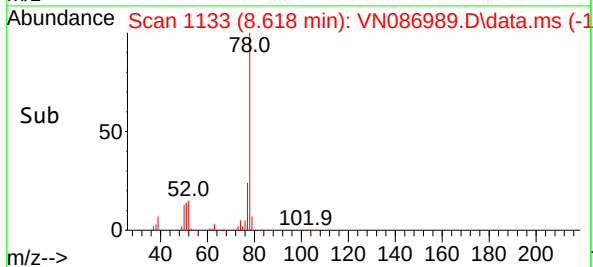
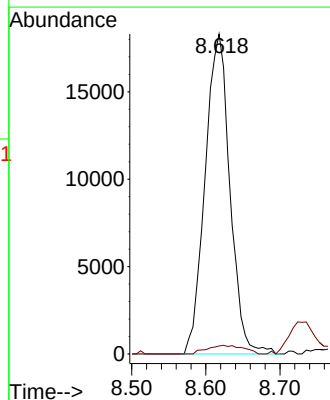
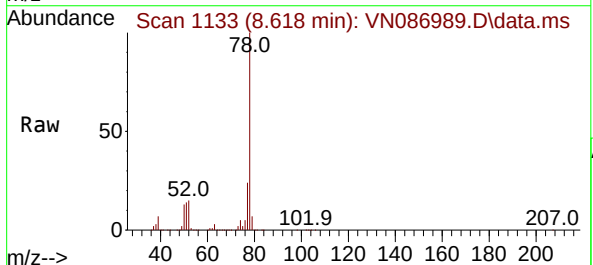
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

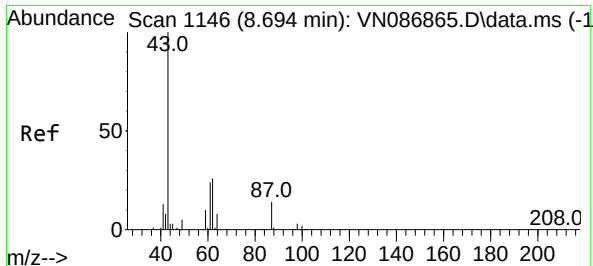
Tgt Ion: 78 Resp: 5925137
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



#42
1,2-Dichloroethane
Concen: 12.685 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. -0.059 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 62 Resp: 42616
Ion Ratio Lower Upper
62 100
98 3.9 0.0 21.2

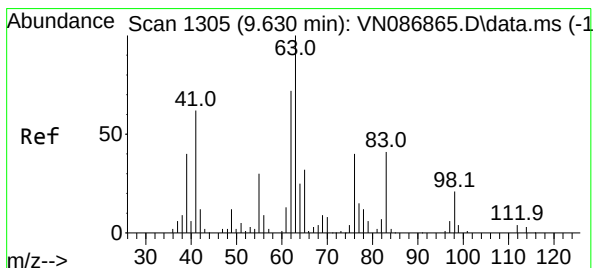
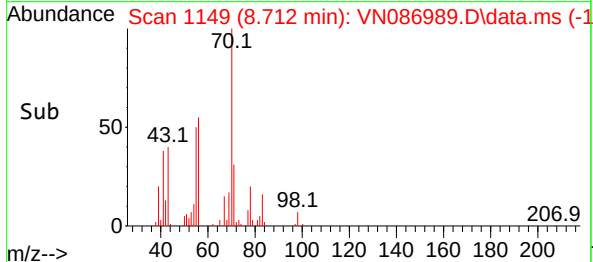
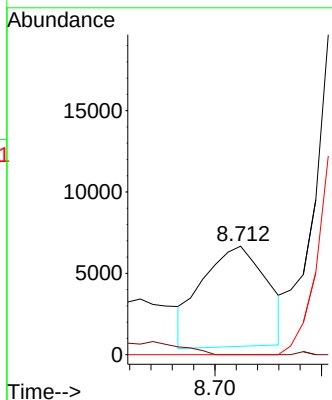
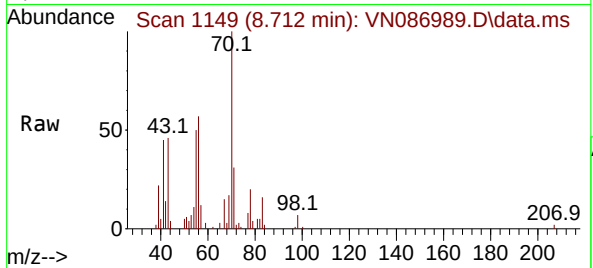




#43
Isopropyl Acetate
Concen: 1.878 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

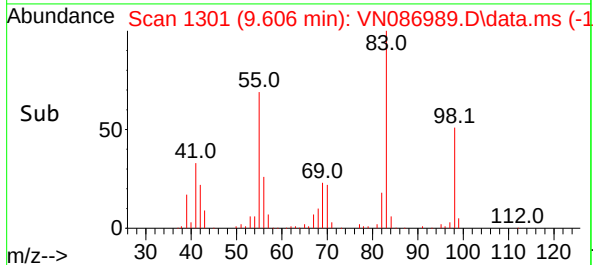
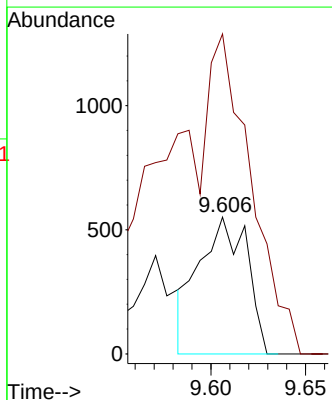
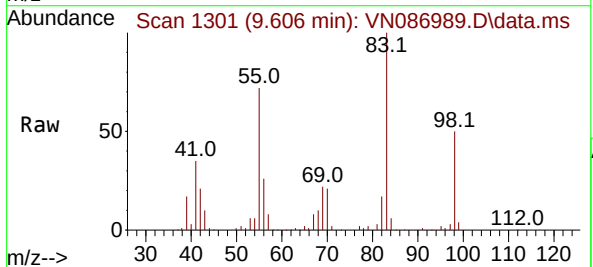
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

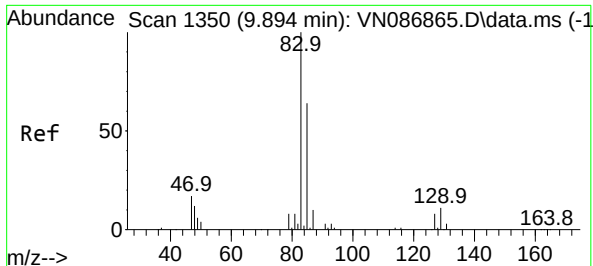
Tgt Ion: 43 Resp: 12998
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#



#45
1,2-Dichloropropane
Concen: 0.360 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.024 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 63 Resp: 969
Ion Ratio Lower Upper
63 100
65 198.7 25.5 38.3#

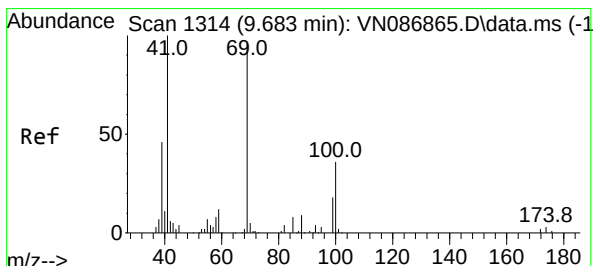
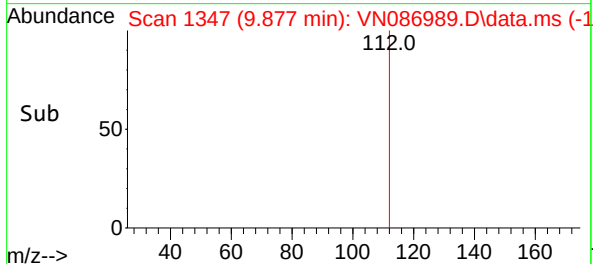
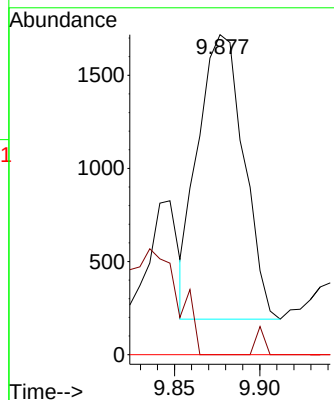
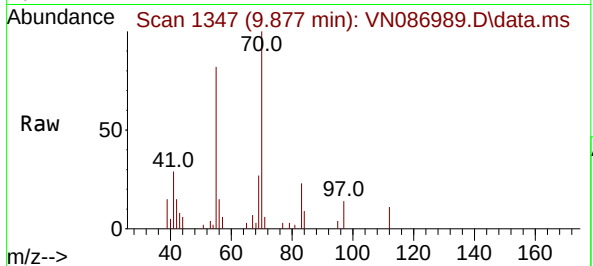




#47
Bromodichloromethane
Concen: 0.774 ug/l
RT: 9.877 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

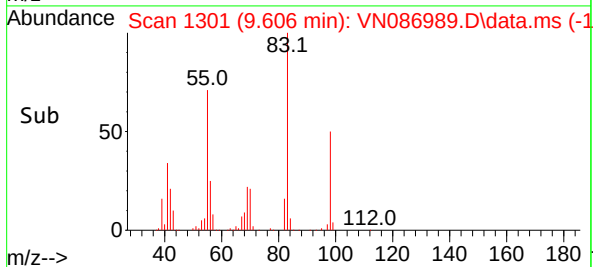
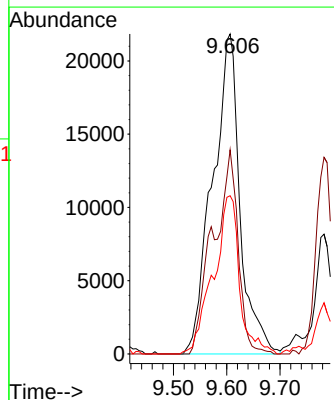
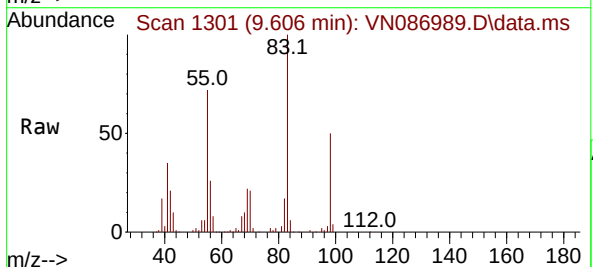
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

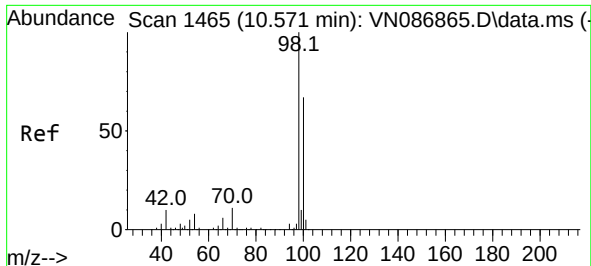
Tgt Ion: 83 Resp: 2852
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 24.573 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.076 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 41 Resp: 78273
Ion Ratio Lower Upper
41 100
69 36.7 74.6 112.0#
39 47.0 40.2 60.4

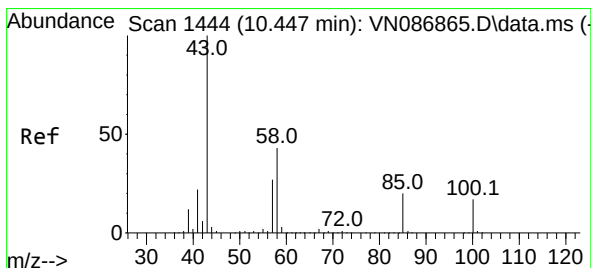
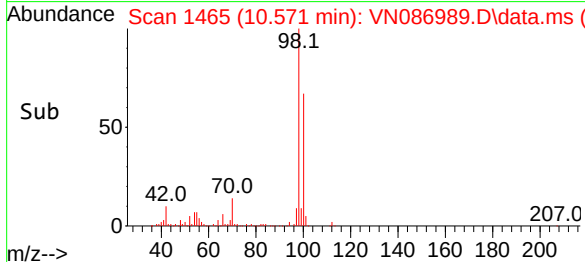
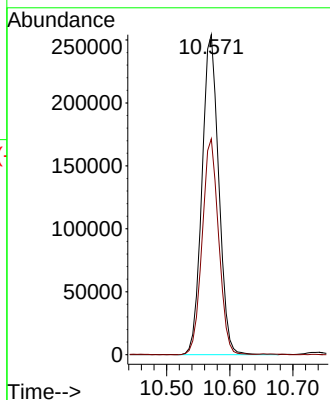
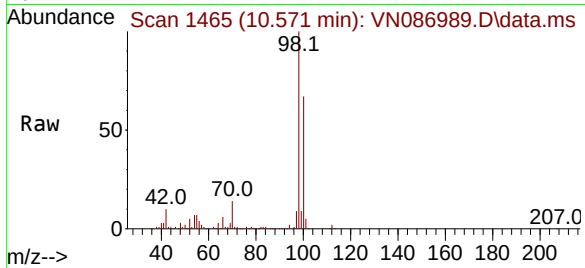




#50
Toluene-d8
Concen: 51.994 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

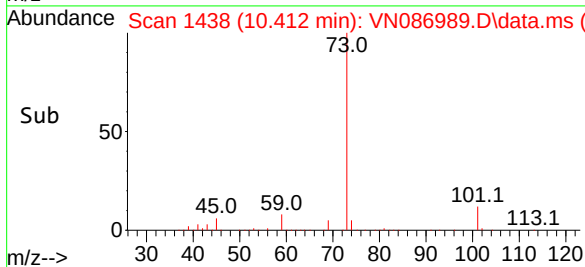
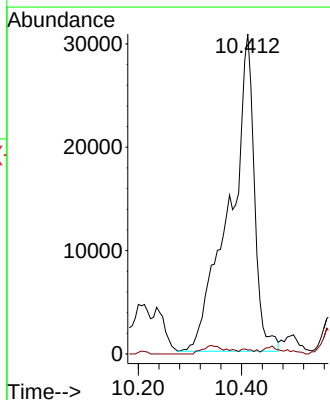
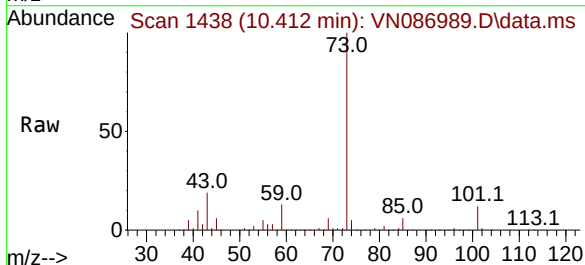
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

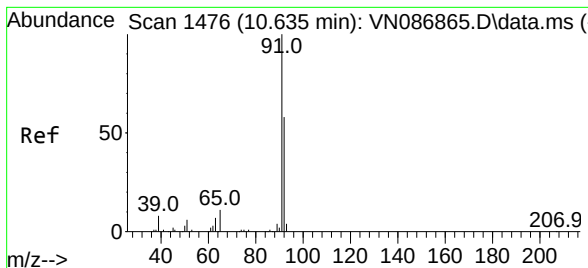
Tgt Ion: 98 Resp: 467889
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 24.336 ug/l
RT: 10.412 min Scan# 1438
Delta R.T. -0.035 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 43 Resp: 101393
Ion Ratio Lower Upper
43 100
58 0.4 34.2 51.4#





#52

Toluene

Concen: 262.112 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

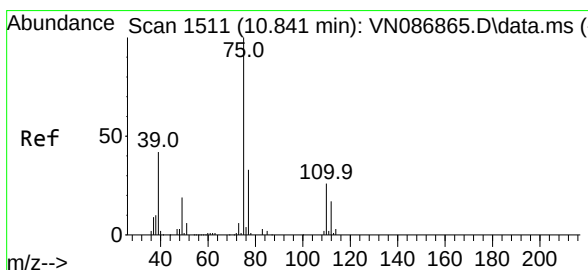
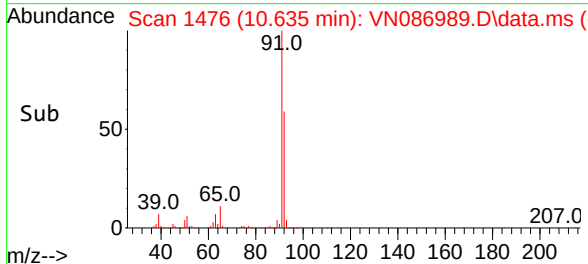
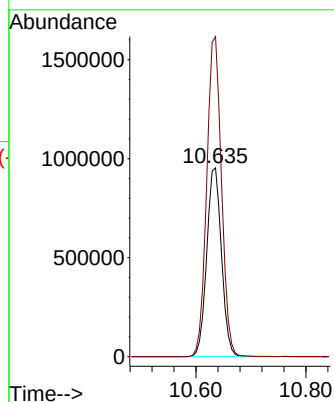
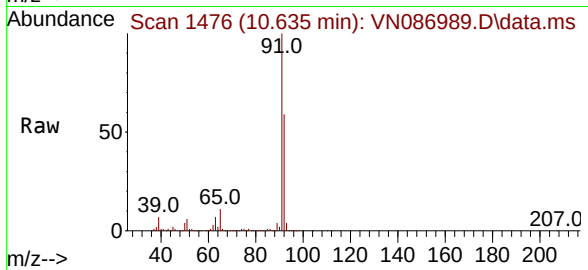
MW-6-20250605

Tgt Ion: 92 Resp: 1774259

Ion Ratio Lower Upper

92 100

91 169.6 136.5 204.7



#53

t-1,3-Dichloropropene

Concen: 4.451 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.206 min

Lab File: VN086989.D

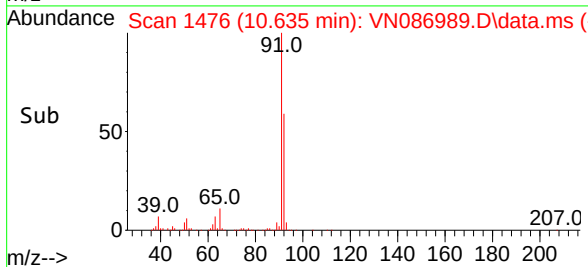
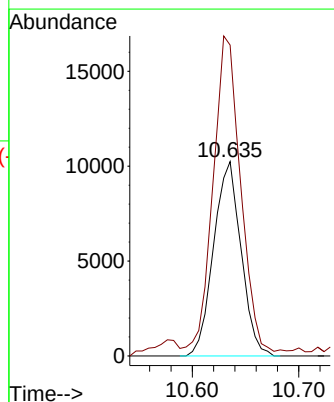
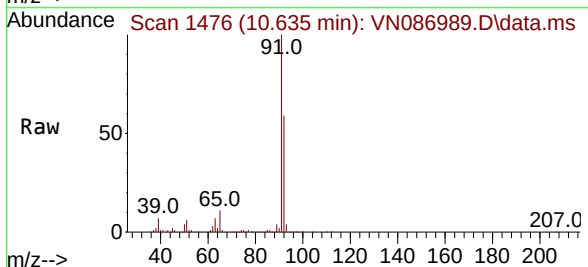
Acq: 12 Jun 2025 19:41

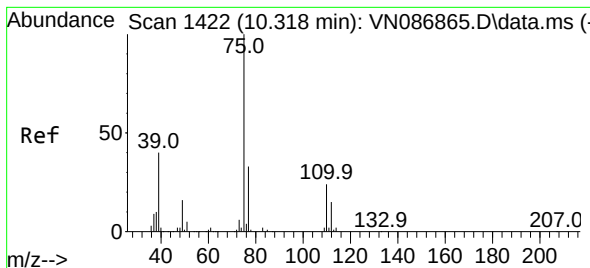
Tgt Ion: 75 Resp: 18328

Ion Ratio Lower Upper

75 100

77 156.9 26.4 39.6#

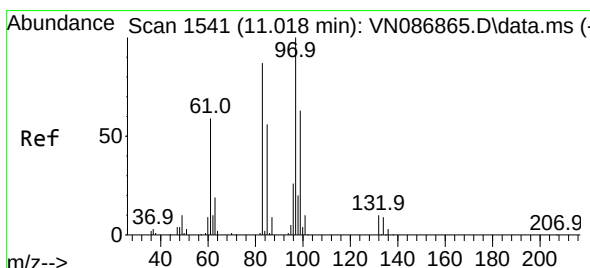
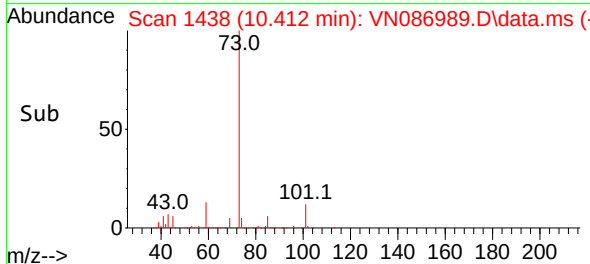
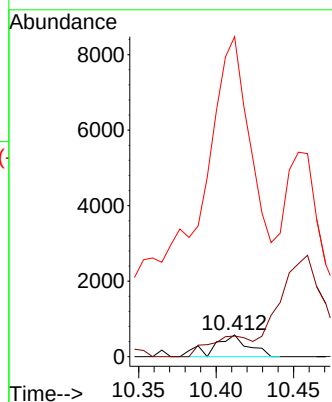
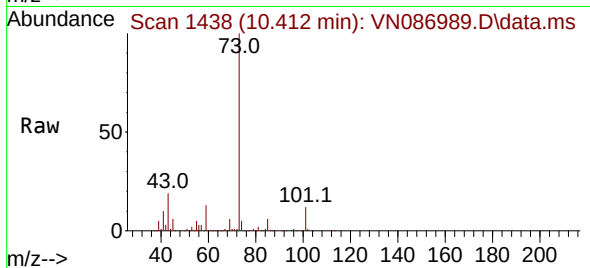




#54
 cis-1,3-Dichloropropene
 Concen: 0.205 ug/l
 RT: 10.412 min Scan# 1422
 Delta R.T. 0.094 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

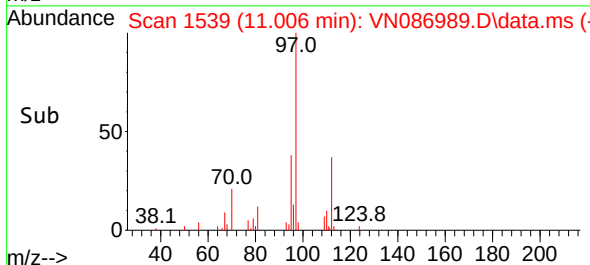
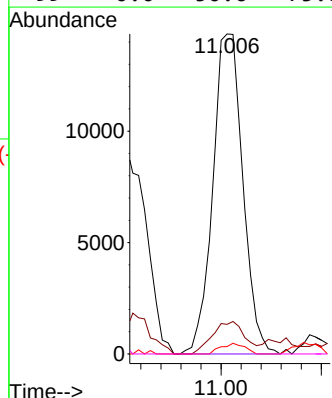
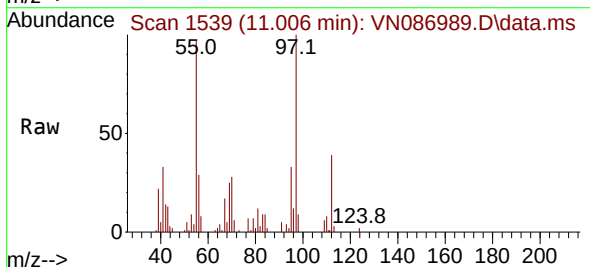
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605

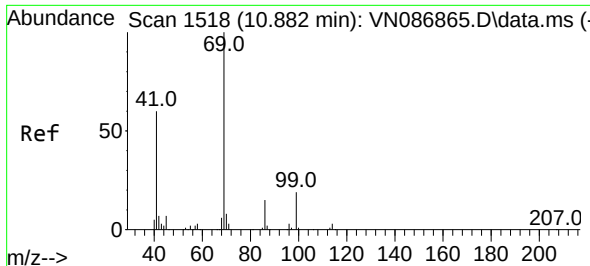
Tgt Ion: 75 Resp: 905
 Ion Ratio Lower Upper
 75 100
 77 95.3 26.2 39.4#
 39 903.6 32.3 48.5#



#55
 1,1,2-Trichloroethane
 Concen: 11.471 ug/l
 RT: 11.006 min Scan# 1539
 Delta R.T. -0.012 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

Tgt Ion: 97 Resp: 29878
 Ion Ratio Lower Upper
 97 100
 83 9.2 69.7 104.5#
 85 2.3 45.1 67.7#
 99 0.0 50.6 75.8#

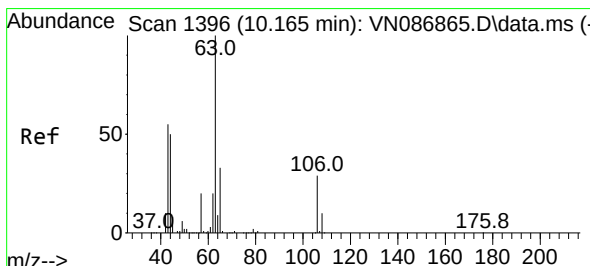
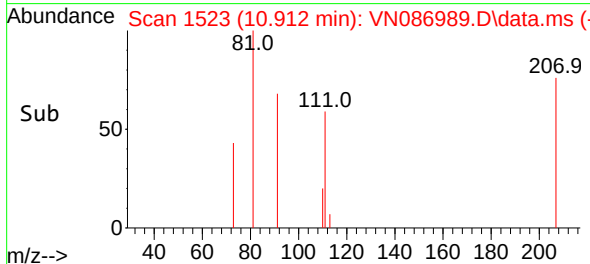
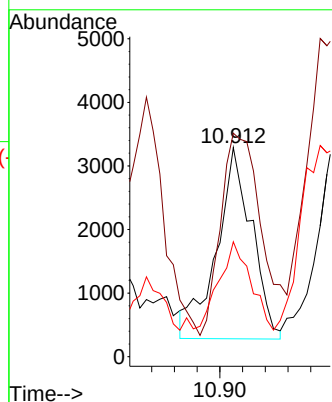
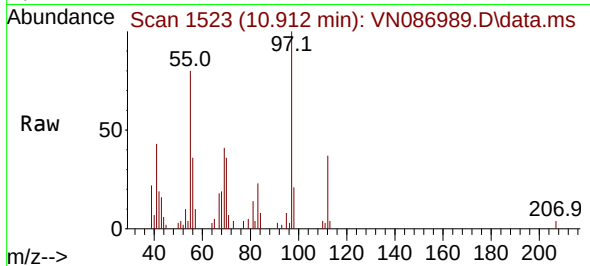




#56
Ethyl methacrylate
Concen: 1.560 ug/l
RT: 10.912 min Scan# 1518
Delta R.T. 0.029 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

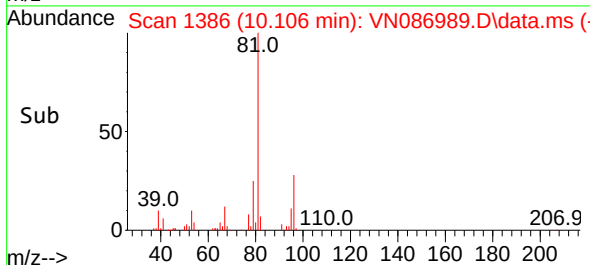
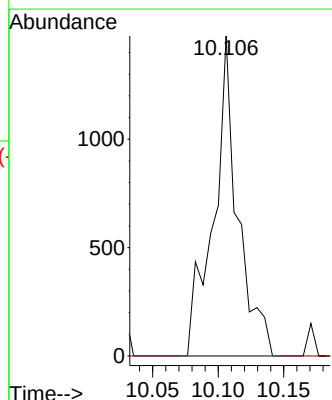
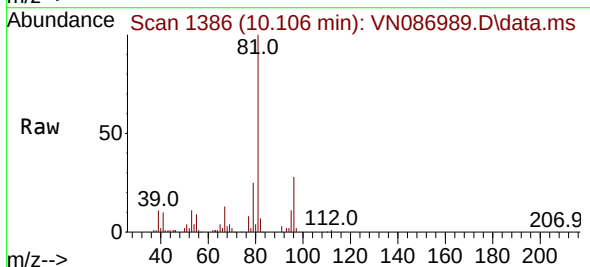
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

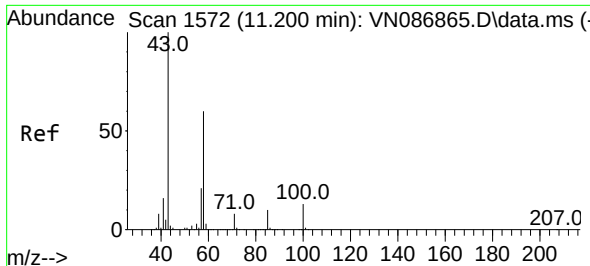
Tgt Ion: 69 Resp: 6472
Ion Ratio Lower Upper
69 100
41 123.5 47.2 70.8#
39 0.0 23.0 34.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.767 ug/l
RT: 10.106 min Scan# 1386
Delta R.T. -0.059 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 63 Resp: 1897
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

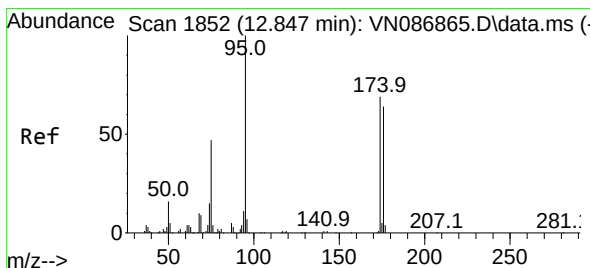
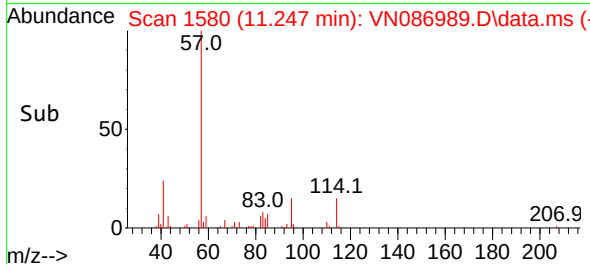
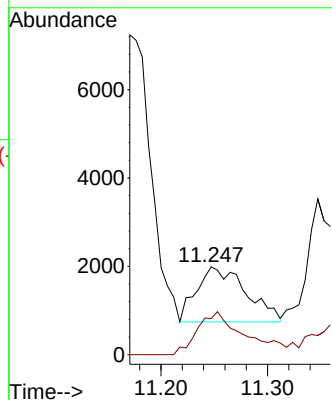
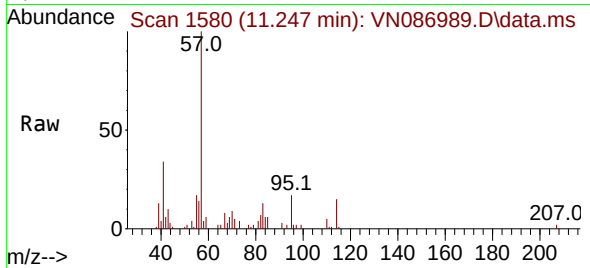




#59
2-Hexanone
Concen: 1.495 ug/l
RT: 11.247 min Scan# 1572
Delta R.T. 0.047 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

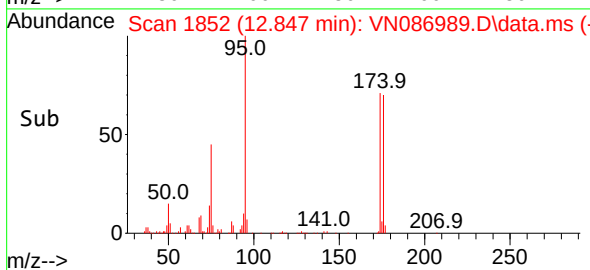
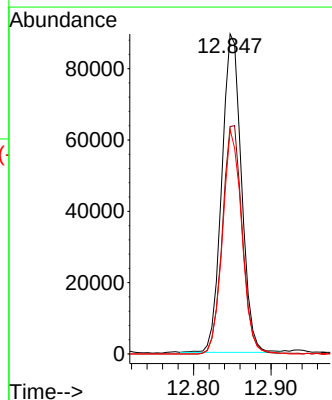
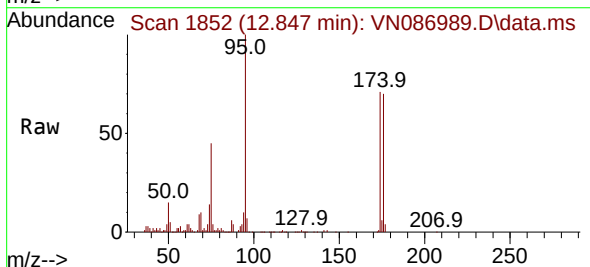
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

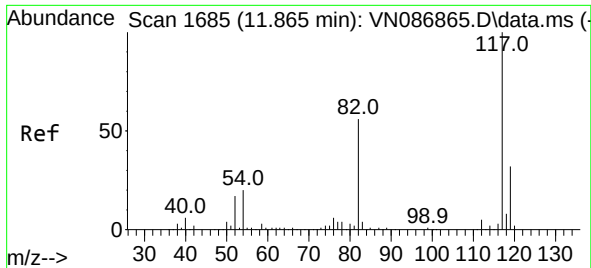
Tgt Ion: 43 Resp: 4011
Ion Ratio Lower Upper
43 100
58 74.5 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 47.073 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 95 Resp: 157381
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 69.2 0.0 132.6

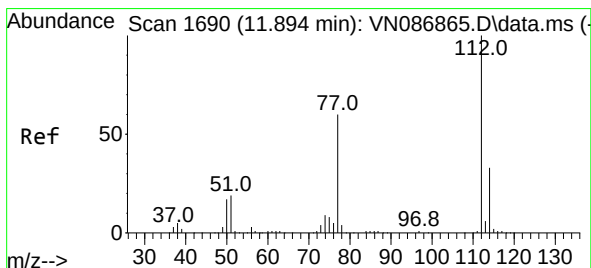
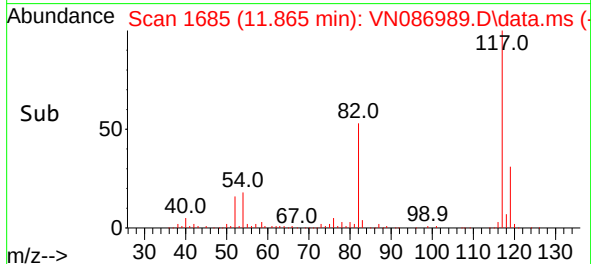
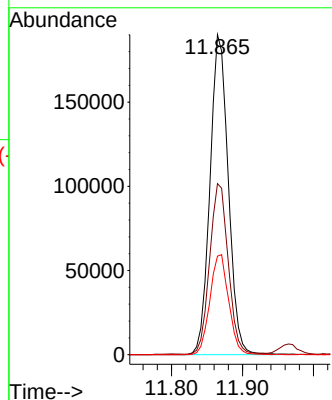
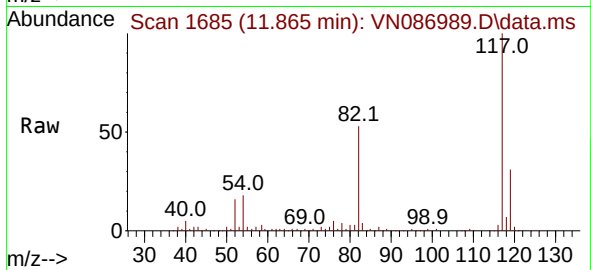




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11715
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

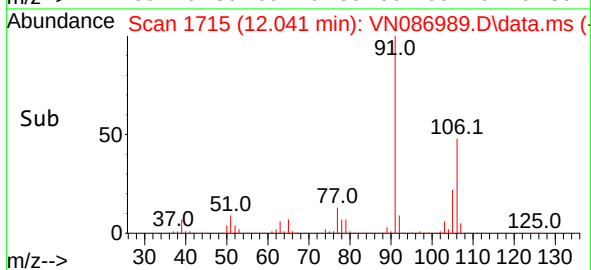
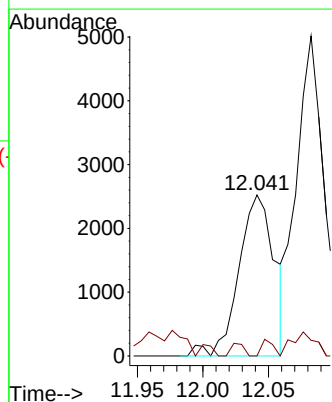
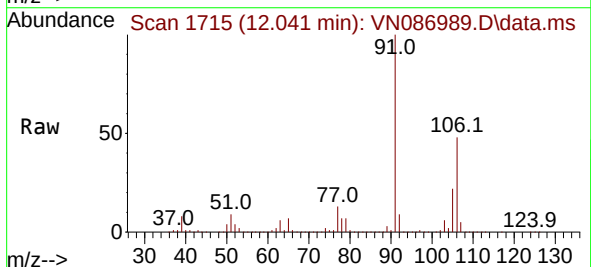
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

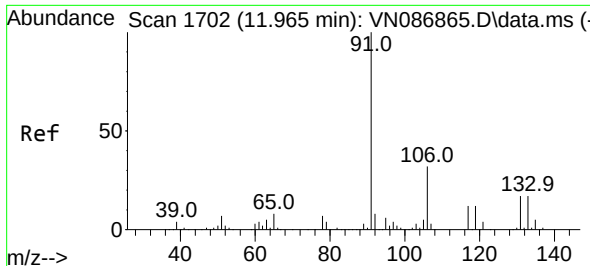
Tgt Ion:117 Resp: 340087
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 30.8 25.5 38.3



#65
Chlorobenzene
Concen: 0.632 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.147 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion:112 Resp: 4740
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#

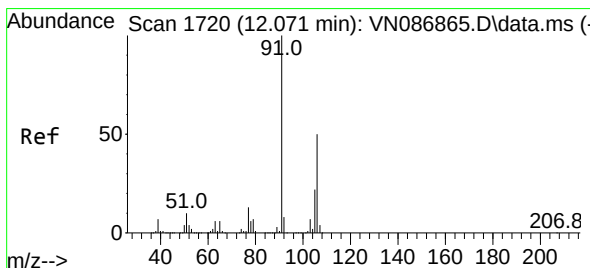
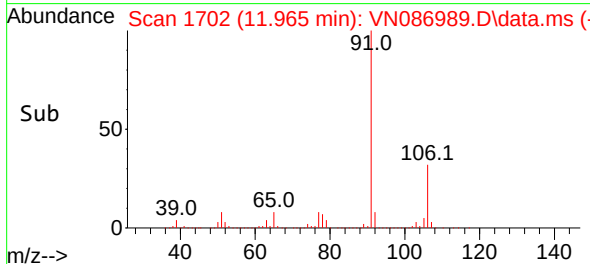
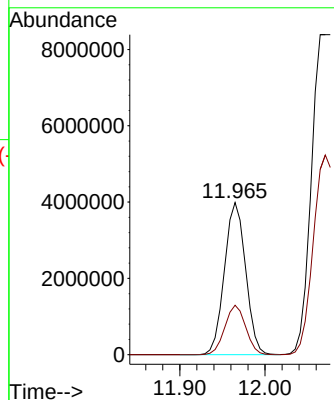
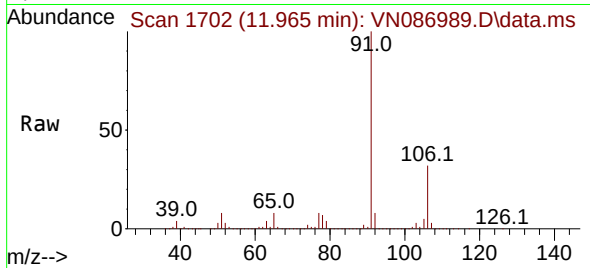




#67
Ethyl Benzene
Concen: 534.225 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

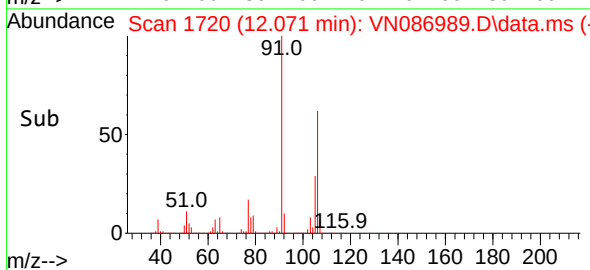
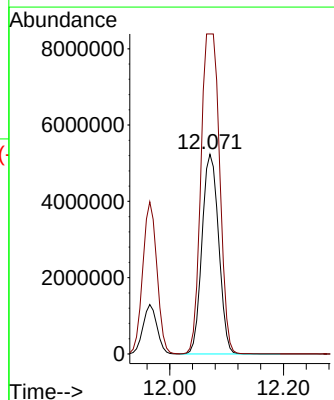
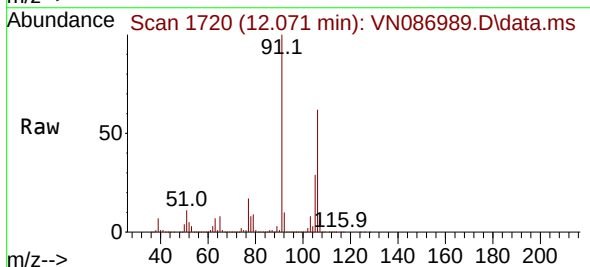
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

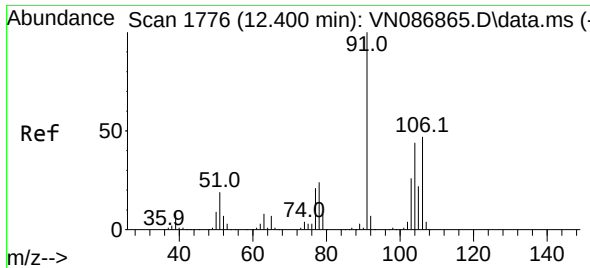
Tgt Ion: 91 Resp: 6902127
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 2148.355 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion:106 Resp:10625188
Ion Ratio Lower Upper
106 100
91 179.9 159.4 239.0

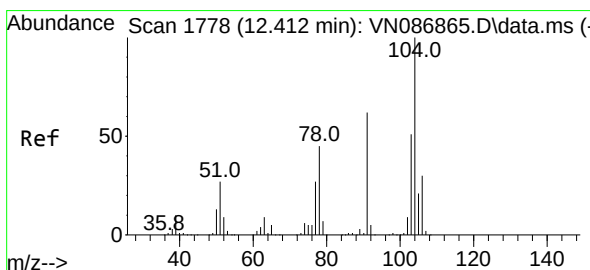
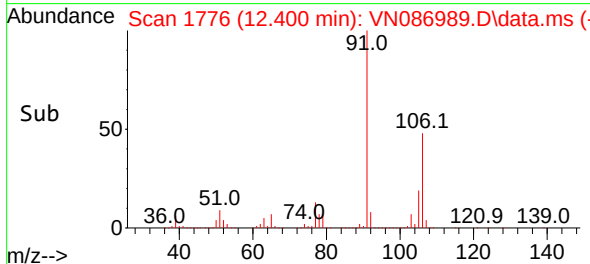
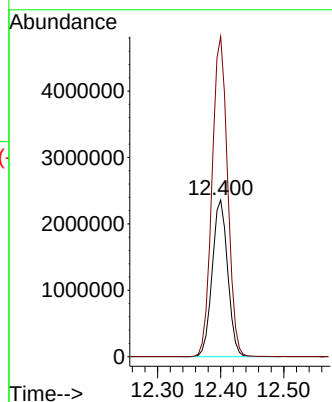
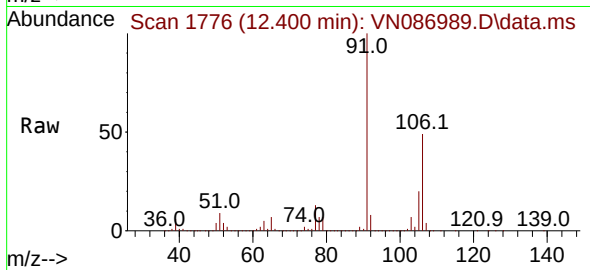




#69
o-Xylene
Concen: 845.591 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

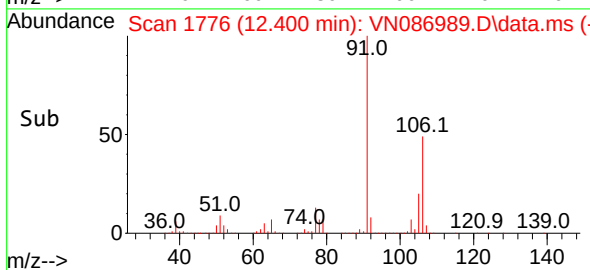
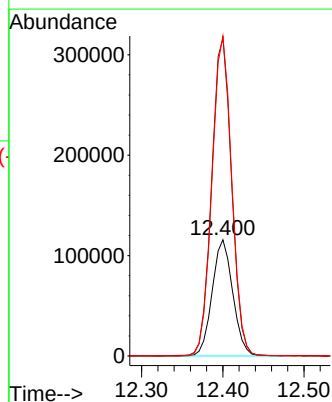
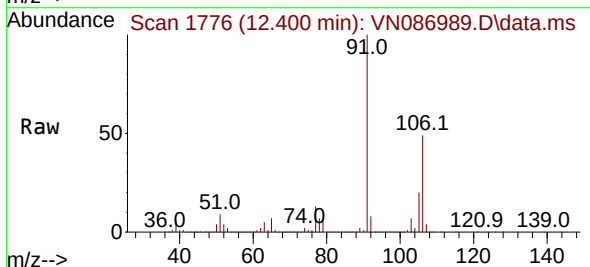
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

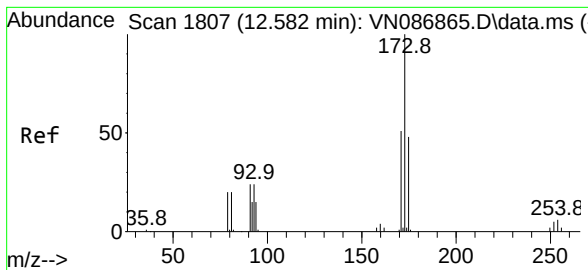
Tgt Ion:106 Resp: 4005333
Ion Ratio Lower Upper
106 100
91 206.1 106.1 318.1



#70
Styrene
Concen: 25.164 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion:104 Resp: 203967
Ion Ratio Lower Upper
104 100
78 265.3 38.5 57.7#
103 264.7 43.1 64.7#





#71

Bromoform

Concen: 0.471 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

MW-6-20250605

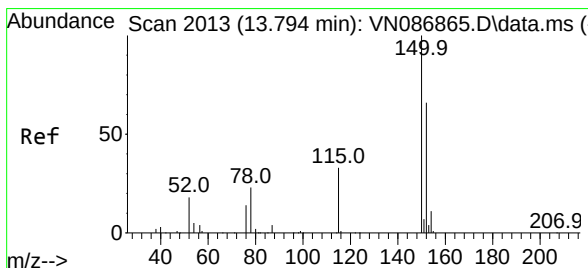
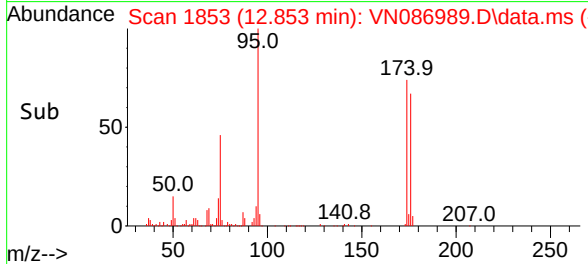
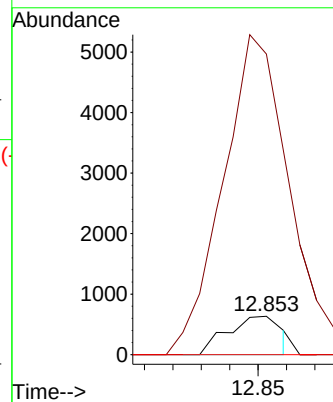
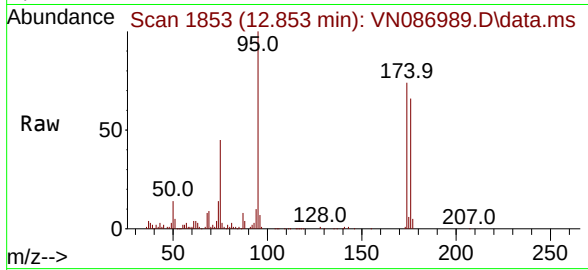
Tgt Ion:173 Resp: 842

Ion Ratio Lower Upper

173 100

175 880.3 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

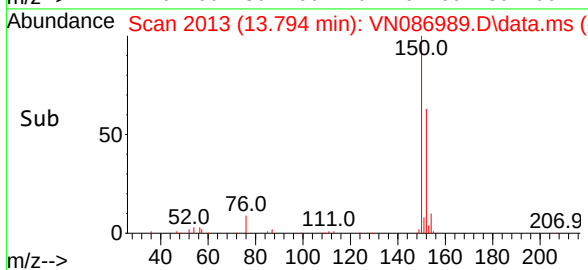
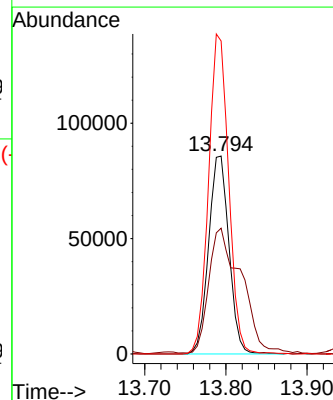
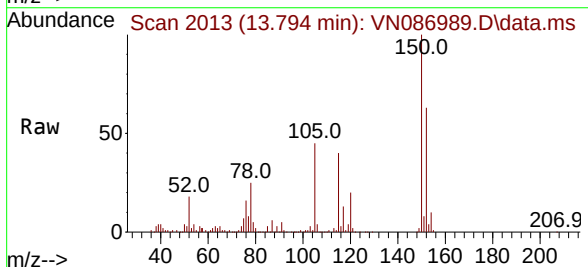
Tgt Ion:152 Resp: 149213

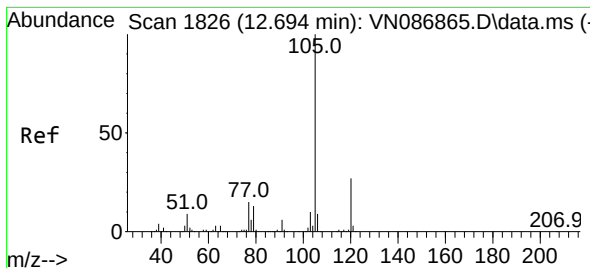
Ion Ratio Lower Upper

152 100

115 100.9 30.1 90.5#

150 159.3 0.0 345.0





#73

Isopropylbenzene

Concen: 25.820 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

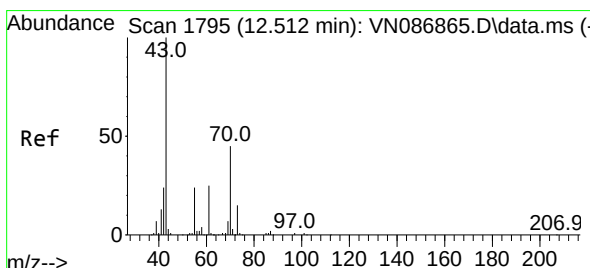
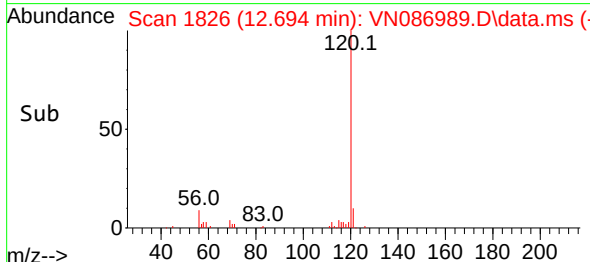
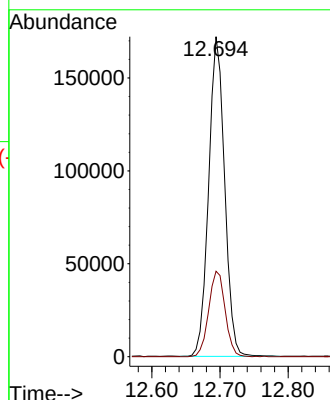
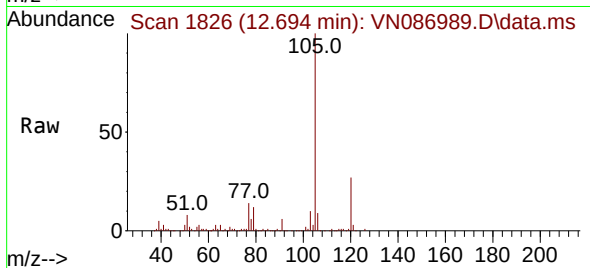
MW-6-20250605

Tgt Ion:105 Resp: 280669

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



#74

N-ethyl acetate

Concen: 0.525 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.012 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Tgt Ion: 43 Resp: 1995

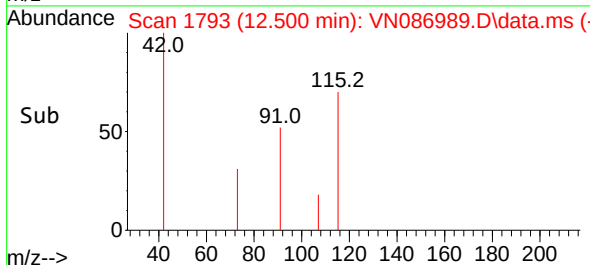
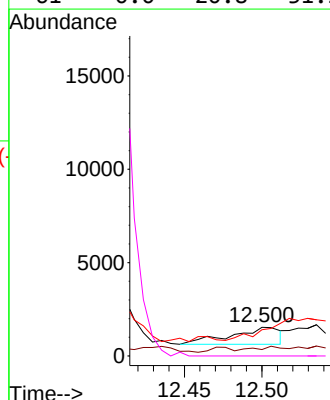
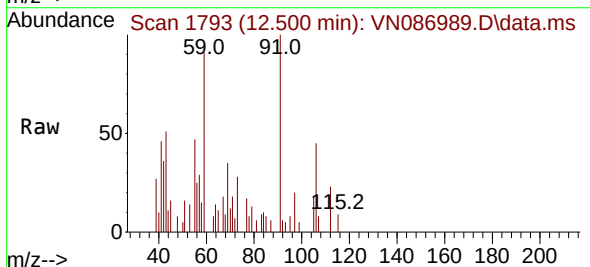
Ion Ratio Lower Upper

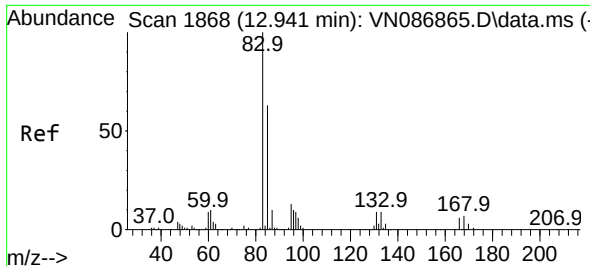
43 100

70 4.4 37.6 56.4#

55 0.0 19.0 28.6#

61 0.0 20.8 31.2#

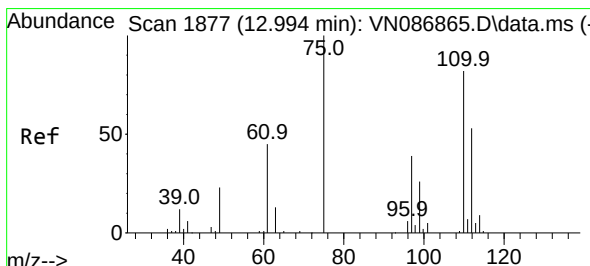
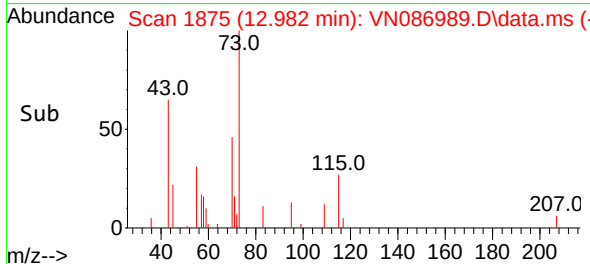
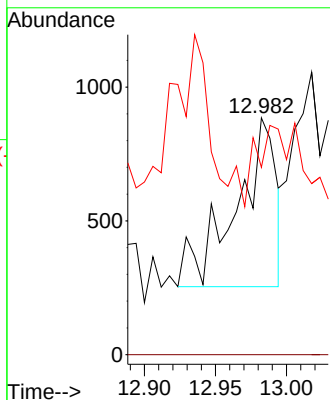
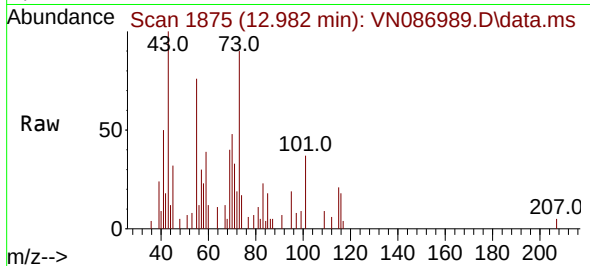




#75
1,1,2,2-Tetrachloroethane
Concen: 0.337 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.041 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

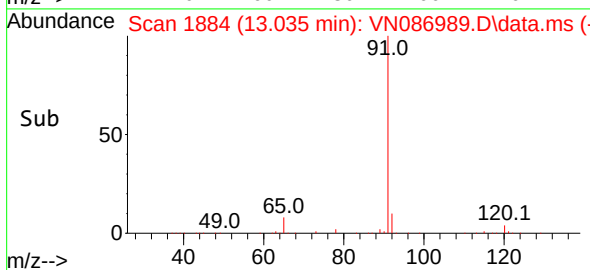
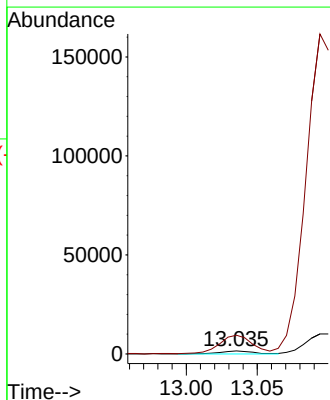
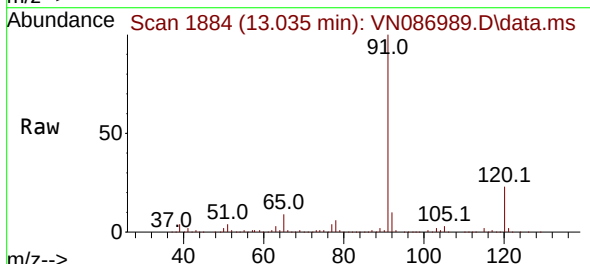
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

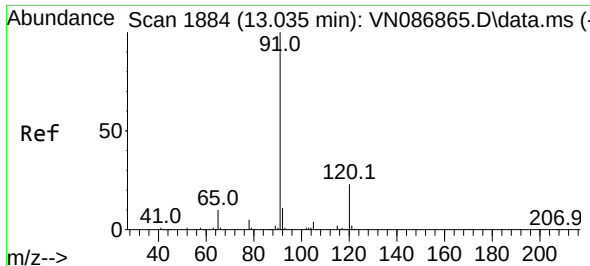
Tgt Ion: 83 Resp: 1242
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 0.693 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 75 Resp: 2459
Ion Ratio Lower Upper
75 100
77 645.3 79.3 237.9#

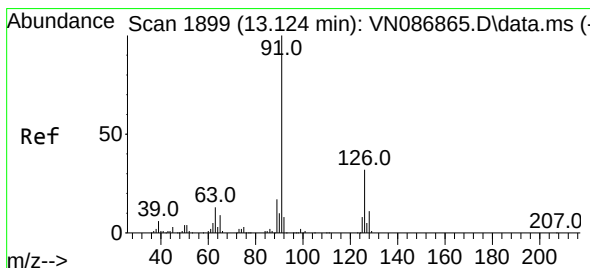
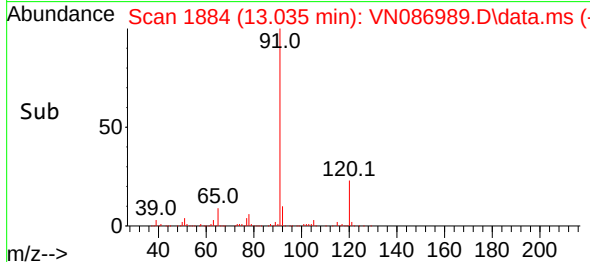
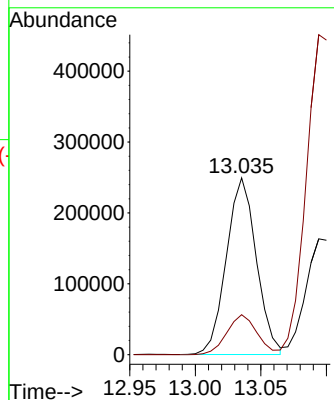
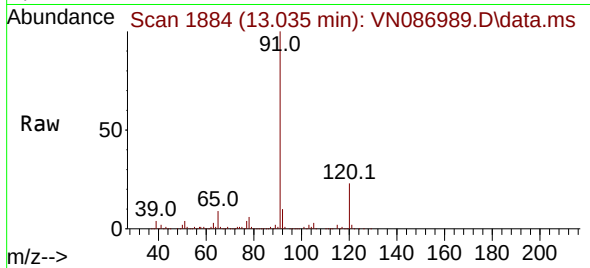




#78
n-propylbenzene
Concen: 30.008 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

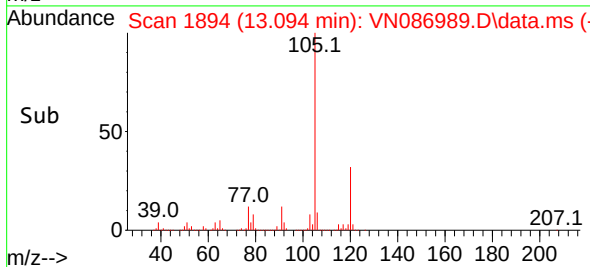
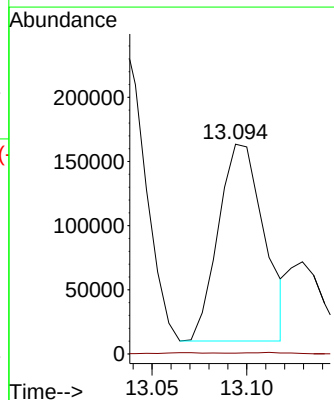
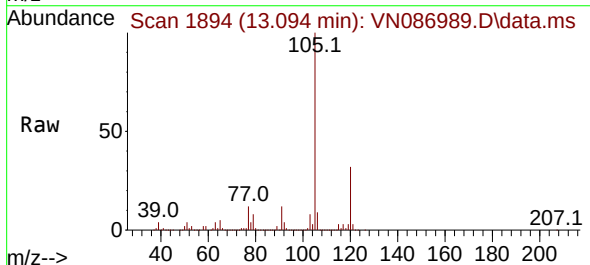
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

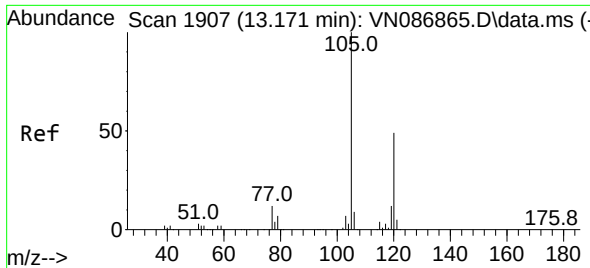
Tgt Ion: 91 Resp: 396408
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2



#79
2-Chlorotoluene
Concen: 32.603 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 91 Resp: 258293
Ion Ratio Lower Upper
91 100
126 0.8 16.2 48.5#

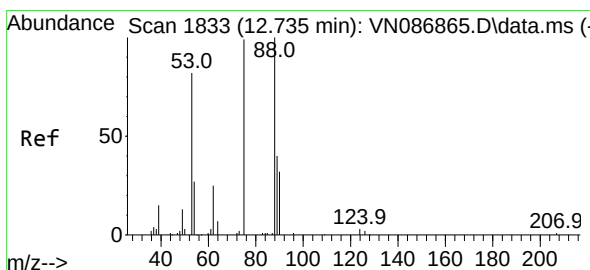
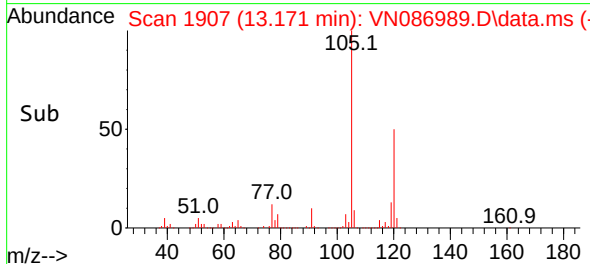
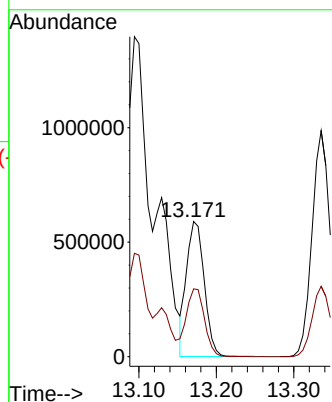
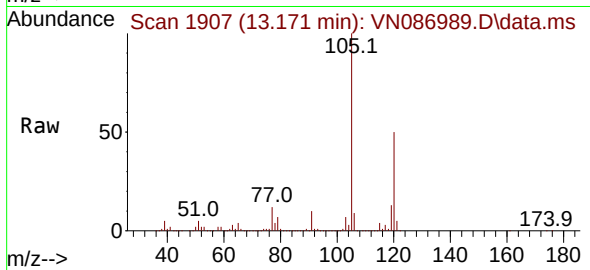




#80
 1,3,5-Trimethylbenzene
 Concen: 104.183 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

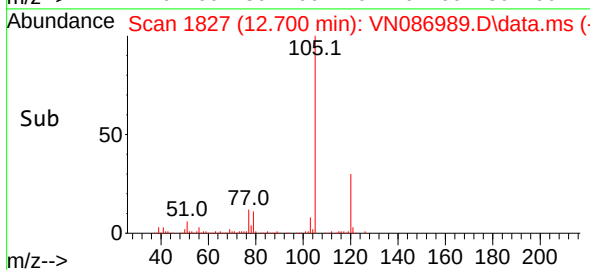
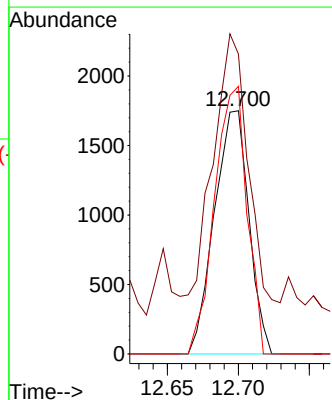
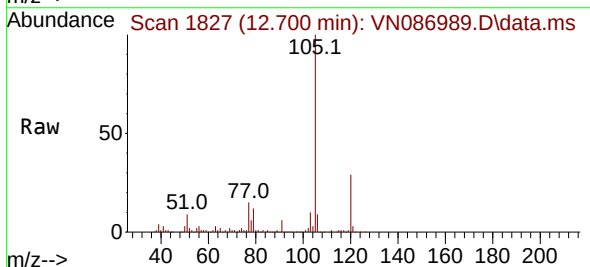
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605

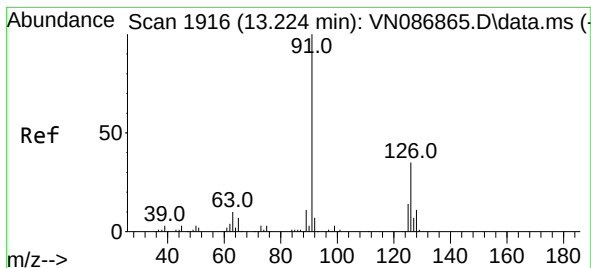
Tgt Ion:105 Resp: 935009
 Ion Ratio Lower Upper
 105 100
 120 53.5 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.918 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.035 min
 Lab File: VN086989.D
 Acq: 12 Jun 2025 19:41

Tgt Ion: 75 Resp: 2955
 Ion Ratio Lower Upper
 75 100
 53 127.3 66.6 99.8#
 89 103.5 36.7 55.1#





#82

4-Chlorotoluene

Concen: 11.492 ug/l

RT: 13.171 min Scan# 1916

Delta R.T. -0.053 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

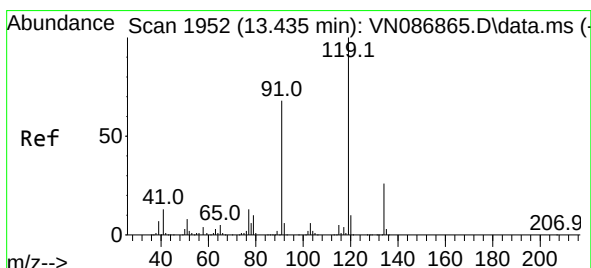
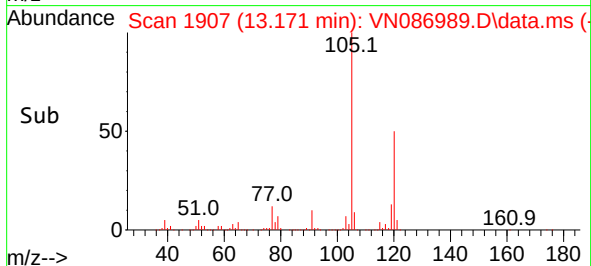
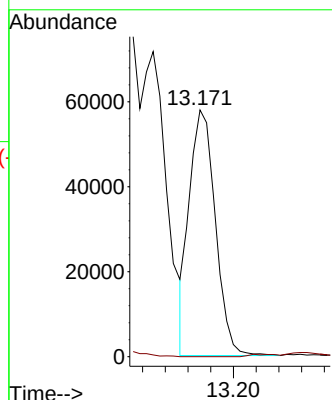
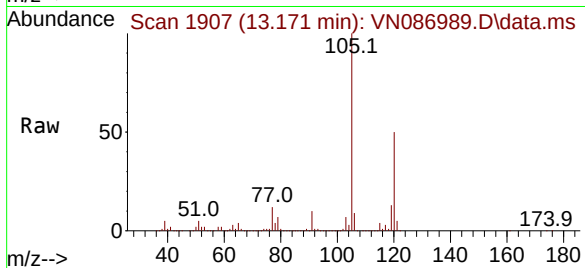
MW-6-20250605

Tgt Ion: 91 Resp: 92118

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#83

tert-Butylbenzene

Concen: 69.256 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

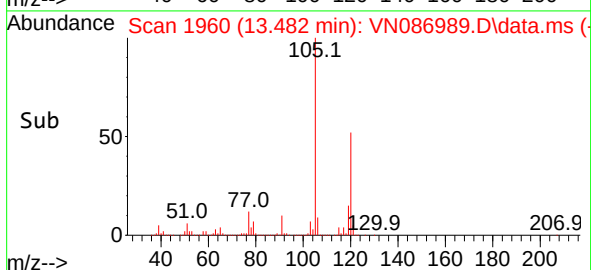
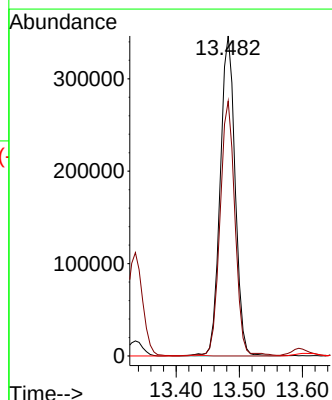
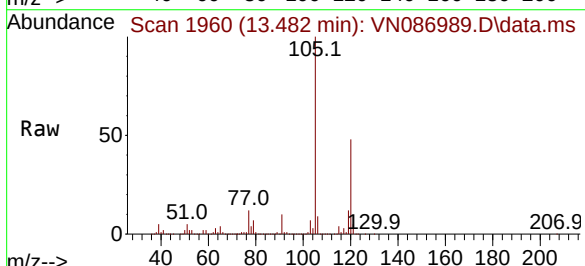
Tgt Ion: 119 Resp: 568954

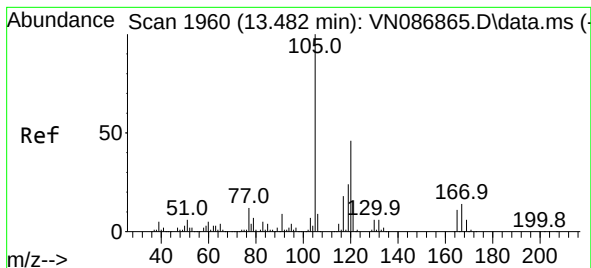
Ion Ratio Lower Upper

119 100

91 79.2 32.1 96.5

134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 506.717 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

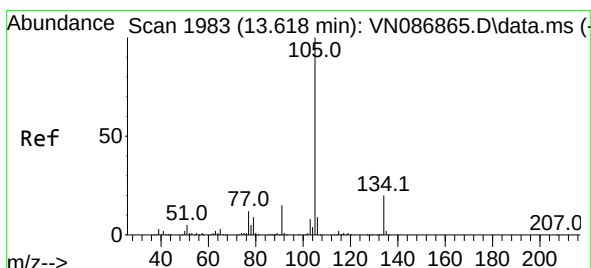
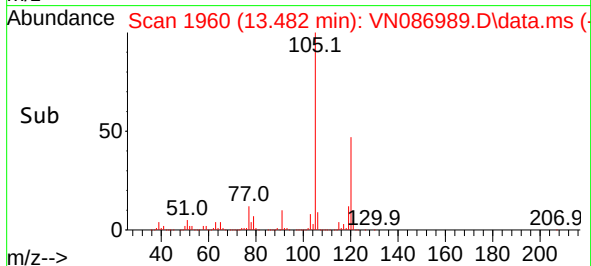
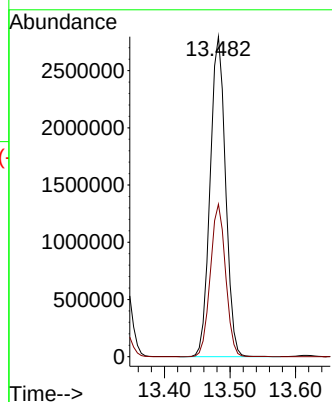
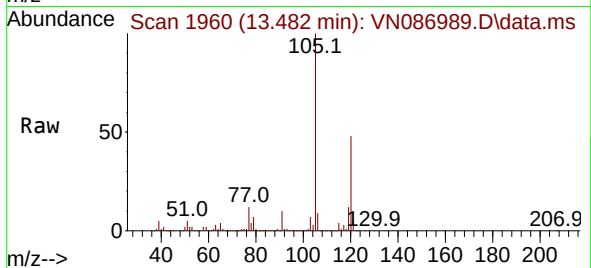
MW-6-20250605

Tgt Ion:105 Resp: 4560220

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6



#85

sec-Butylbenzene

Concen: 382.237 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN086989.D

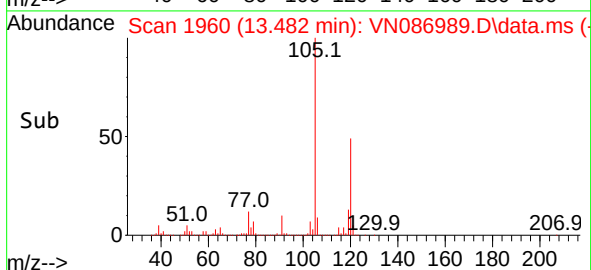
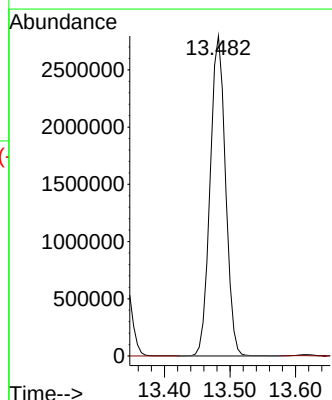
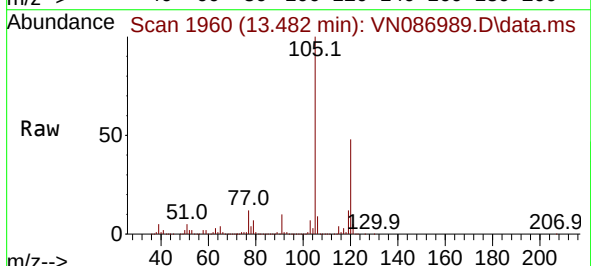
Acq: 12 Jun 2025 19:41

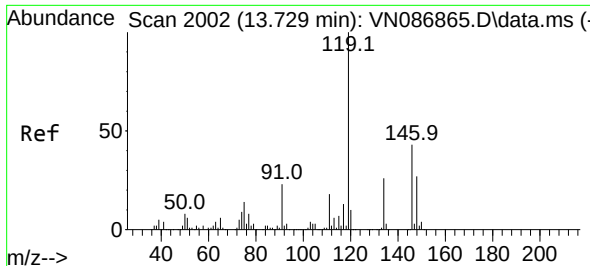
Tgt Ion:105 Resp: 4560220

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#

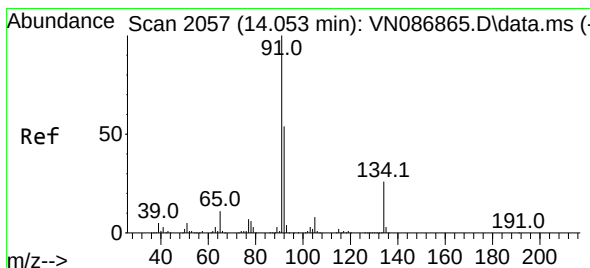
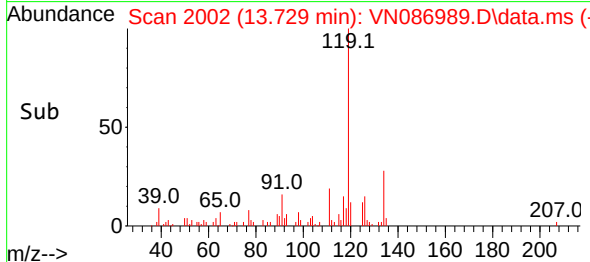
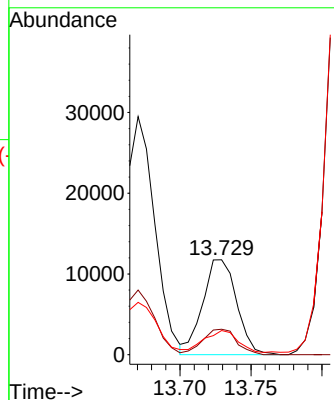
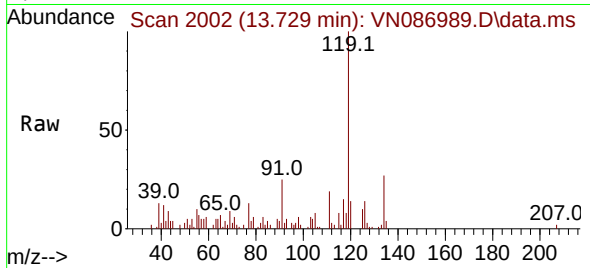




#86
p-Isopropyltoluene
Concen: 1.981 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

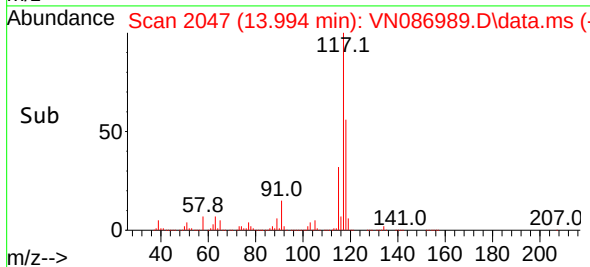
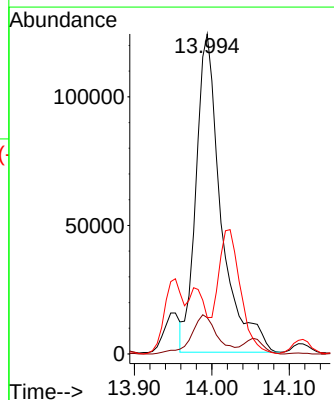
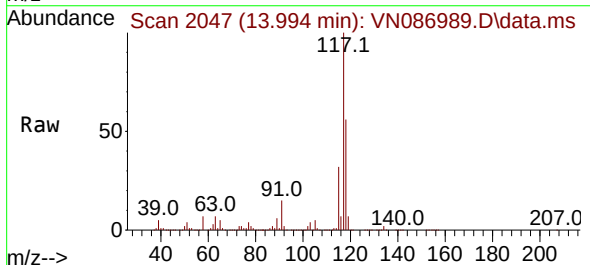
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605

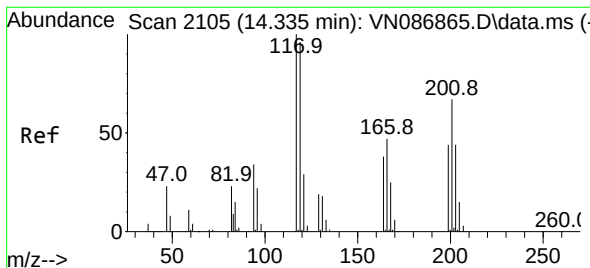
Tgt Ion:119 Resp: 19537
Ion Ratio Lower Upper
119 100
134 26.8 13.5 40.4
91 0.0 11.5 34.4#



#89
n-Butylbenzene
Concen: 29.151 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN086989.D
Acq: 12 Jun 2025 19:41

Tgt Ion: 91 Resp: 278466
Ion Ratio Lower Upper
91 100
92 12.6 27.5 82.4#
134 0.0 13.0 39.0#





#90

Hexachloroethane

Concen: 16.436 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

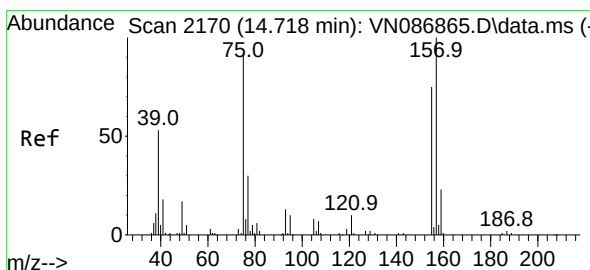
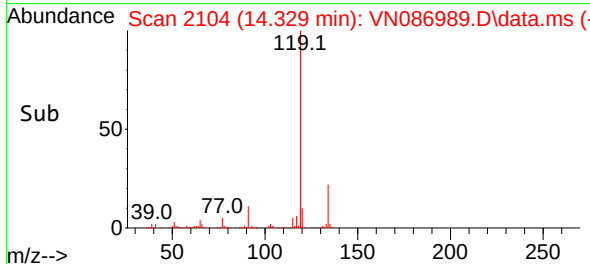
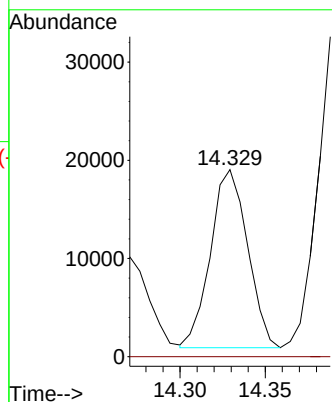
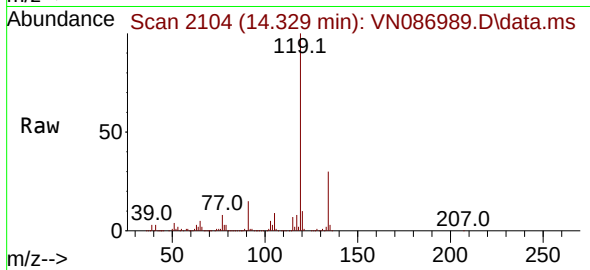
MW-6-20250605

Tgt Ion:117 Resp: 27475

Ion Ratio Lower Upper

117 100

201 0.0 33.2 99.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.188 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.029 min

Lab File: VN086989.D

Acq: 12 Jun 2025 19:41

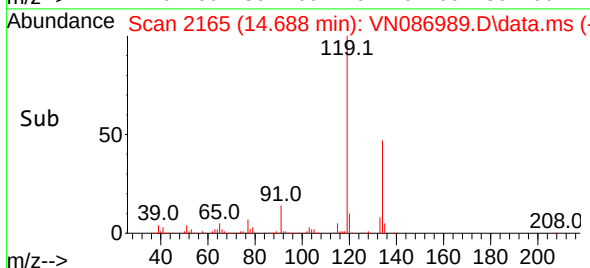
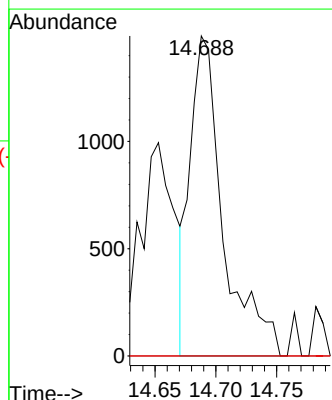
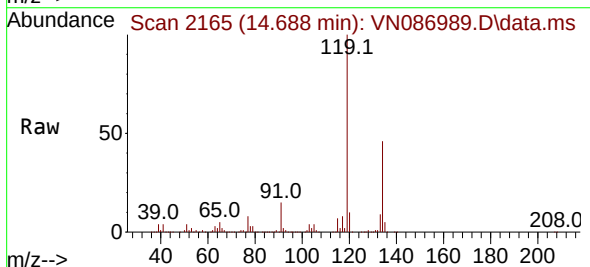
Tgt Ion: 75 Resp: 2808

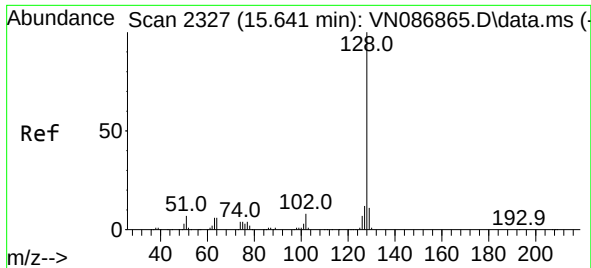
Ion Ratio Lower Upper

75 100

155 0.0 41.1 123.4#

157 0.0 52.7 158.1#





#95

Naphthalene

Concen: 88.391 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086989.D

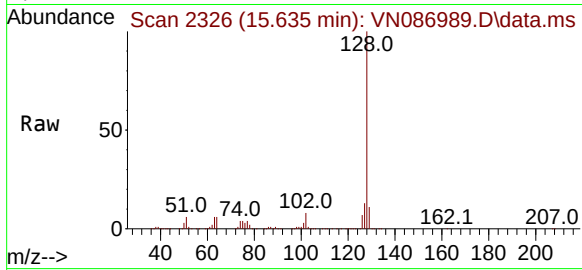
Acq: 12 Jun 2025 19:41

Instrument :

MSVOA_N

ClientSampleId :

MW-6-20250605



Tgt Ion:128 Resp: 990007

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2

