

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086988.D
 Acq On : 12 Jun 2025 19:18
 Operator : JC\MD
 Sample : Q2268-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605-A

Quant Time: Jun 13 01:33:02 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	287973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	564200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	234750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199265	51.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.360%	
35) Dibromofluoromethane	8.177	113	170594	51.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	10.571	98	687658	51.952	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.847	95	244178	49.653	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.300%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	3656	3.495	ug/l #	73
13) Acrolein	4.165	56	2159	6.520	ug/l #	1
14) Allyl chloride	5.177	41	4174	0.785	ug/l #	73
15) Acrylonitrile	5.836	53	15046	6.153	ug/l #	39
16) Acetone	4.453	43	67931	33.223	ug/l #	77
18) Methyl Acetate	5.312	43	150183	25.205	ug/l #	49
19) Methyl tert-butyl Ether	5.824	73	65094	5.609	ug/l #	1
20) Methylene Chloride	5.300	84	1234	0.322	ug/l #	1
23) Vinyl Acetate	6.677	43	4868	0.514	ug/l #	69
25) 2-Butanone	7.494	43	40924	12.313	ug/l	95
26) 2,2-Dichloropropane	7.341	77	4812	0.959	ug/l #	52
27) cis-1,2-Dichloroethene	7.494	96	948	0.222	ug/l #	17
30) Chloroform	7.947	83	23405	3.635	ug/l #	19
31) Cyclohexane	8.265	56	198668	31.769	ug/l #	93
36) 1,1-Dichloropropene	8.236	75	23038	4.624	ug/l #	49
37) Ethyl Acetate	7.494	43	40924	6.452	ug/l #	70
38) Carbon Tetrachloride	8.236	117	28893	5.907	ug/l #	16
39) Methylcyclohexane	9.606	83	210594	30.852	ug/l	99
40) Benzene	8.618	78	1248475	76.630	ug/l	100
41) Methacrylonitrile	7.747	41	1668	0.468	ug/l #	45
43) Isopropyl Acetate	8.712	43	30360	2.982	ug/l #	53
45) 1,2-Dichloropropane	9.600	63	1797	0.453	ug/l #	1
47) Bromodichloromethane	9.877	83	7838	1.447	ug/l #	25
48) Methyl methacrylate	9.606	41	122112	26.063	ug/l #	60
51) 4-Methyl-2-Pentanone	10.453	43	1504	0.245	ug/l #	19
52) Toluene	10.635	92	61225	6.149	ug/l	98
55) 1,1,2-Trichloroethane	11.006	97	34162	8.917	ug/l #	19
56) Ethyl methacrylate	10.912	69	5392	0.884	ug/l #	3
58) 2-Chloroethyl Vinyl ether	10.106	63	3398	0.934	ug/l #	46
59) 2-Hexanone	11.277	43	3843	0.974	ug/l	70
65) Chlorobenzene	12.041	112	3461	0.314	ug/l #	42
67) Ethyl Benzene	11.965	91	5368916	282.802	ug/l	99
68) m/p-Xylenes	12.076	106	2551247	351.056	ug/l	99
69) o-Xylene	12.400	106	17388	2.498	ug/l	97
71) Bromoform	12.847	173	1118	0.426	ug/l #	1
73) Isopropylbenzene	12.694	105	515241	30.128	ug/l	100

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

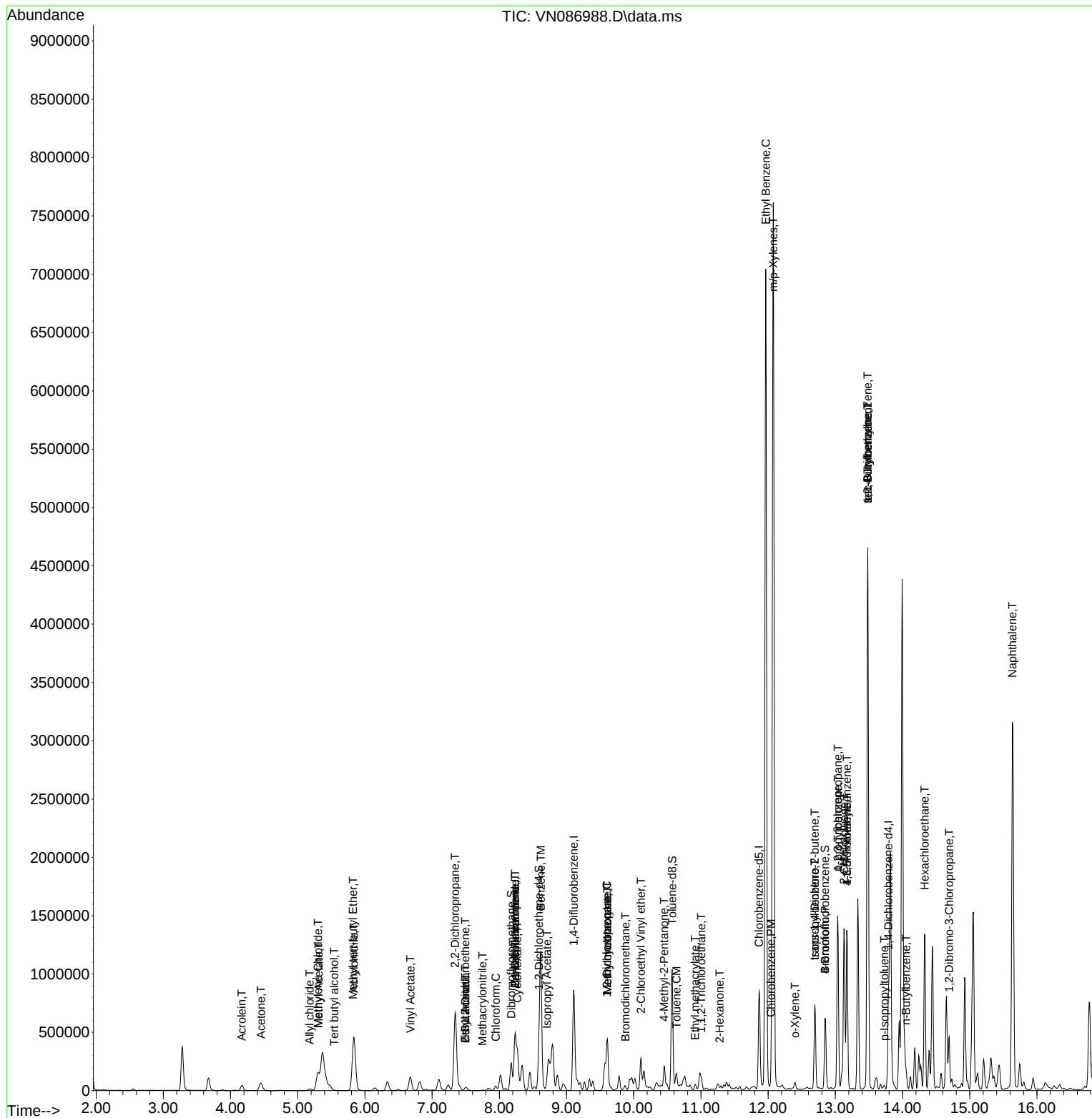
76) 1,2,3-Trichloropropane	13.035	75	7005	1.255	ug/l #	1
78) n-propylbenzene	13.035	91	1260141	60.633	ug/l	100
79) 2-Chlorotoluene	13.129	91	115728	9.285	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	770291	54.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.694	75	5331	2.199	ug/l #	46
82) 4-Chlorotoluene	13.171	91	75129	5.957	ug/l #	41
83) tert-Butylbenzene	13.482	119	351051	27.161	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	2766381	195.386	ug/l	99
85) sec-Butylbenzene	13.482	105	2766147	147.375	ug/l #	56
86) p-Isopropyltoluene	13.729	119	15257	0.983	ug/l #	78
89) n-Butylbenzene	14.053	91	78347	5.213	ug/l #	81
90) Hexachloroethane	14.329	117	67723	25.751	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1817	1.311	ug/l #	2
95) Naphthalene	15.635	128	3205726	181.928	ug/l	100

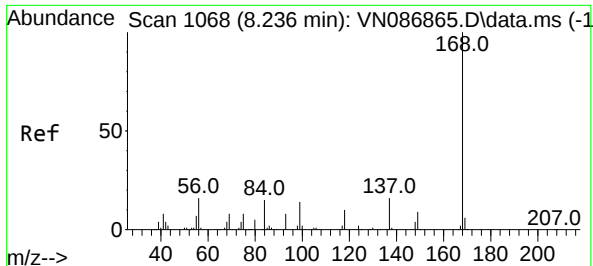
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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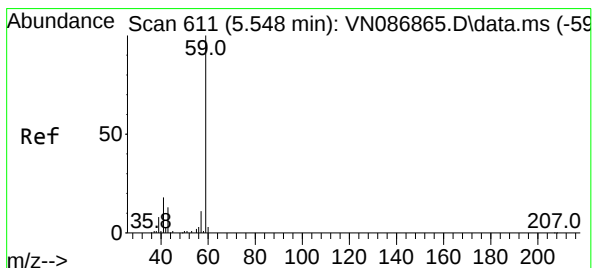
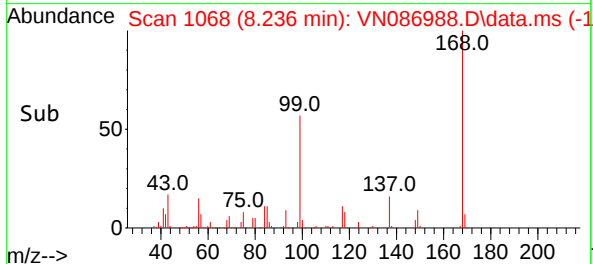
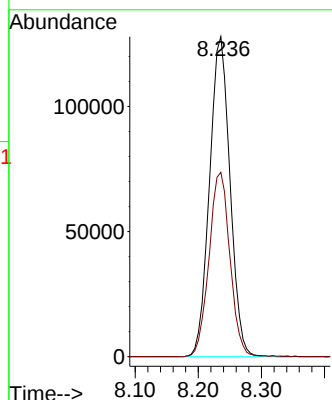
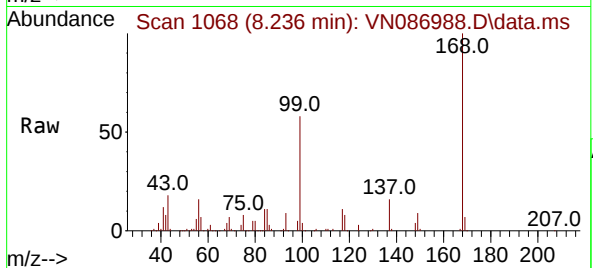




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

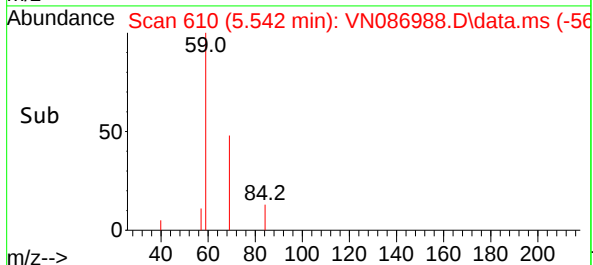
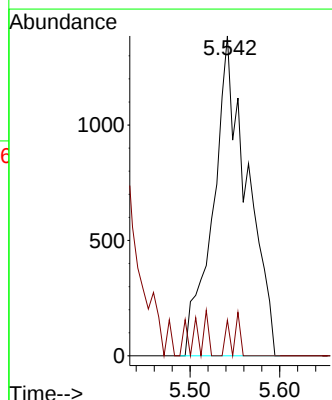
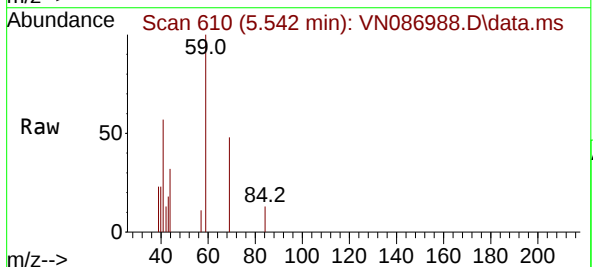
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ClientSampleId :
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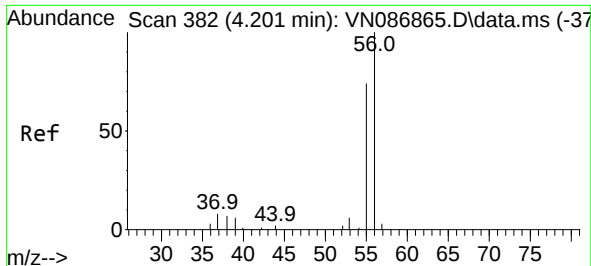
Tgt Ion:168 Resp: 287973
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#11
Tert butyl alcohol
Concen: 3.495 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 59 Resp: 3656
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

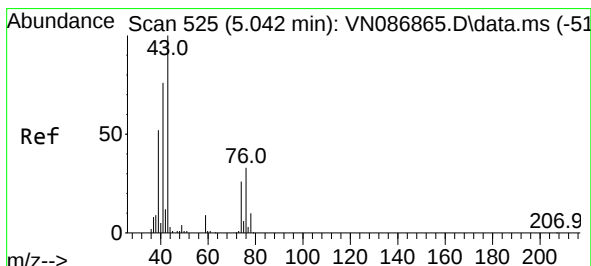
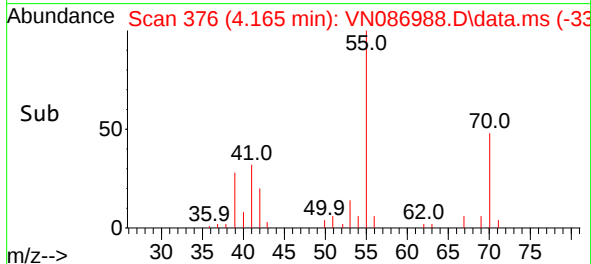
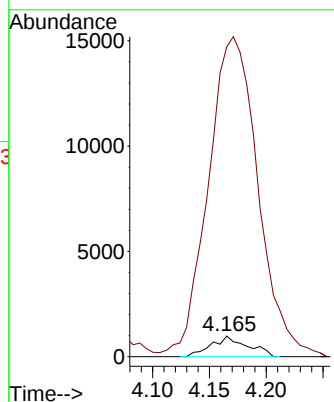
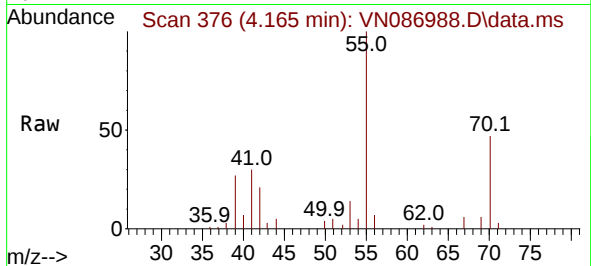




#13
Acrolein
Concen: 6.520 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

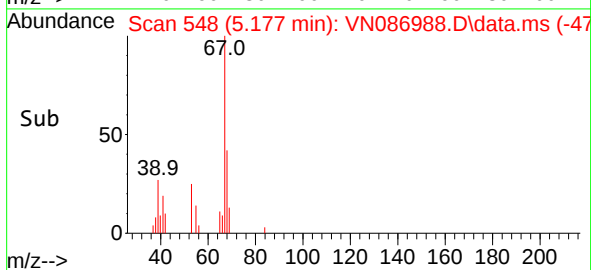
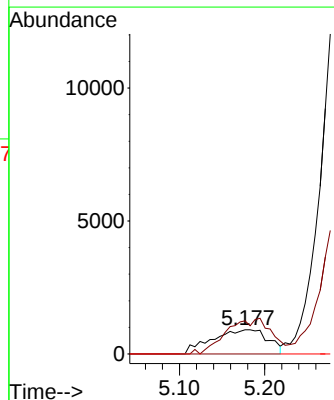
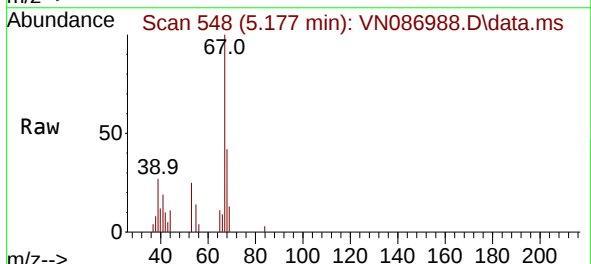
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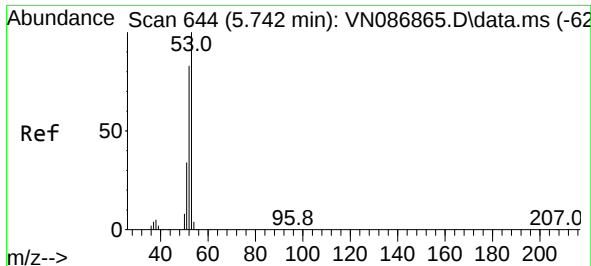
Tgt Ion: 56 Resp: 2159
Ion Ratio Lower Upper
56 100
55 2148.8 55.6 83.4#



#14
Allyl chloride
Concen: 0.785 ug/l
RT: 5.177 min Scan# 548
Delta R.T. 0.135 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 41 Resp: 4174
Ion Ratio Lower Upper
41 100
39 67.9 51.3 76.9
76 0.0 31.4 47.0#

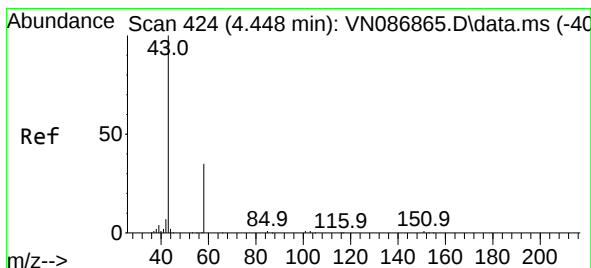
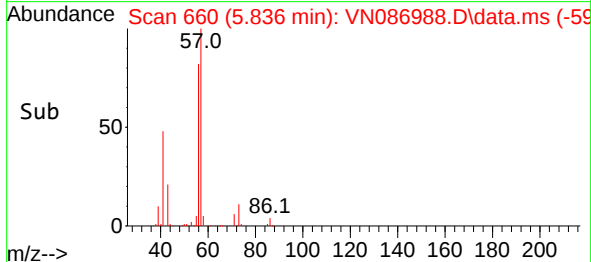
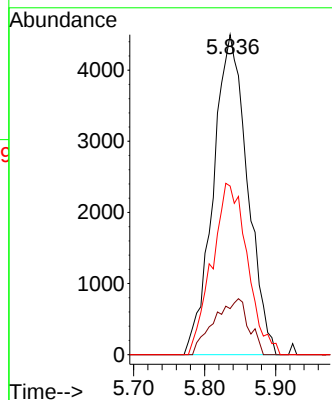
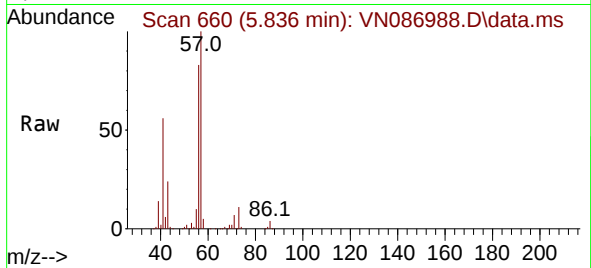




#15
Acrylonitrile
Concen: 6.153 ug/l
RT: 5.836 min Scan# 610
Delta R.T. 0.094 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

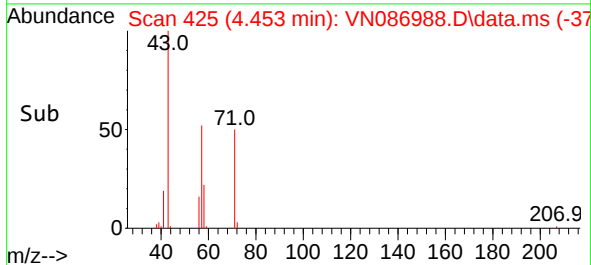
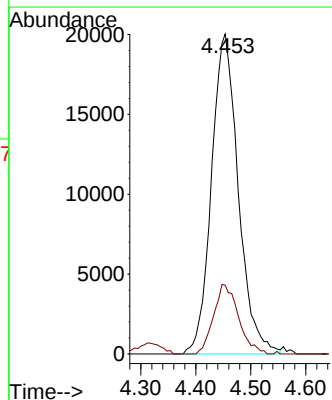
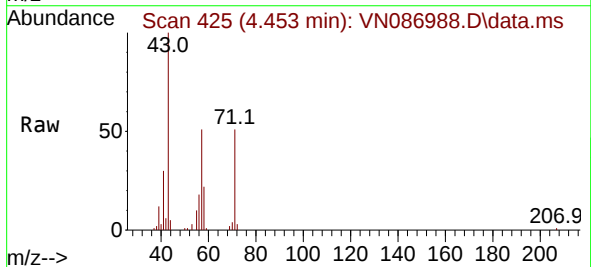
Instrument :
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ClientSampleId :
MW-2-20250605-A

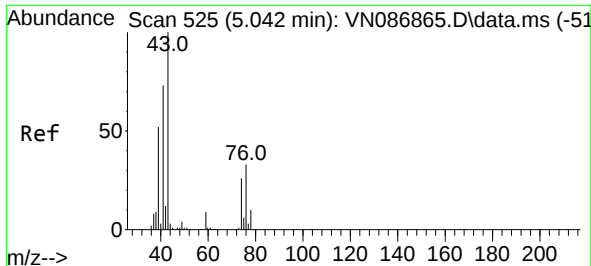
Tgt Ion: 53 Resp: 15046
Ion Ratio Lower Upper
53 100
52 17.7 65.0 97.6#
51 55.3 27.2 40.8#



#16
Acetone
Concen: 33.223 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 43 Resp: 67931
Ion Ratio Lower Upper
43 100
58 21.5 28.0 42.0#





#18

Methyl Acetate

Concen: 25.205 ug/l

RT: 5.312 min Scan# 51

Delta R.T. 0.271 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

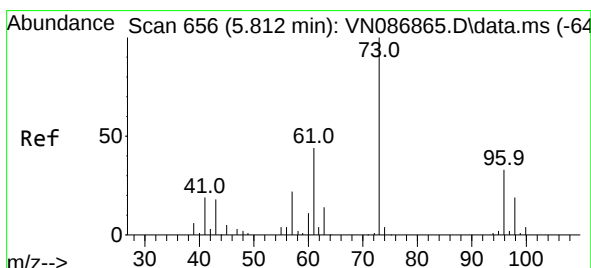
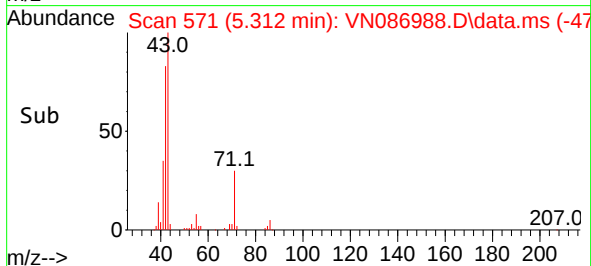
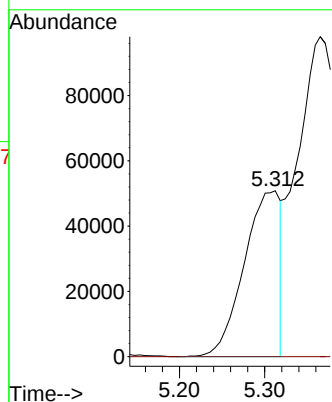
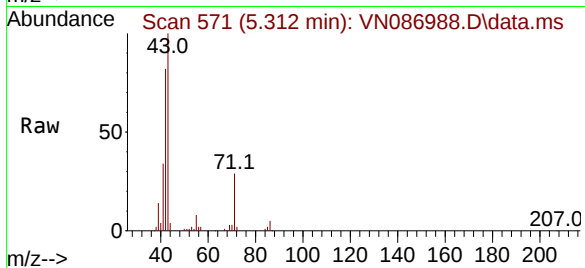
MW-2-20250605-A

Tgt Ion: 43 Resp: 150183

Ion Ratio Lower Upper

43 100

74 0.0 20.7 31.1#



#19

Methyl tert-butyl Ether

Concen: 5.609 ug/l

RT: 5.824 min Scan# 658

Delta R.T. 0.012 min

Lab File: VN086988.D

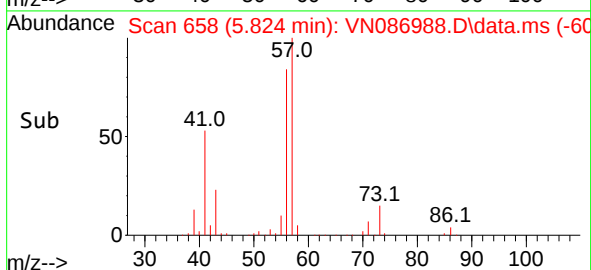
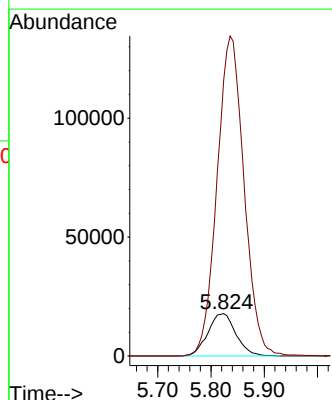
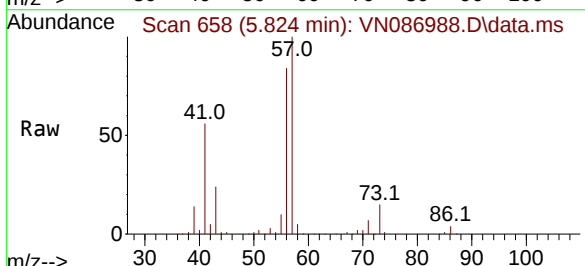
Acq: 12 Jun 2025 19:18

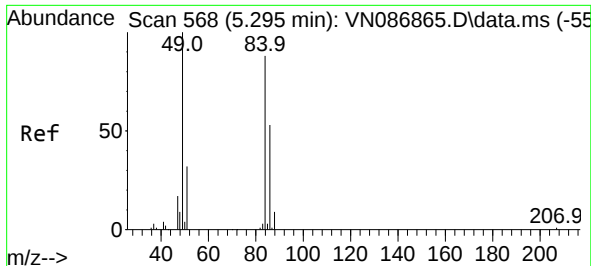
Tgt Ion: 73 Resp: 65094

Ion Ratio Lower Upper

73 100

57 650.4 17.4 26.2#

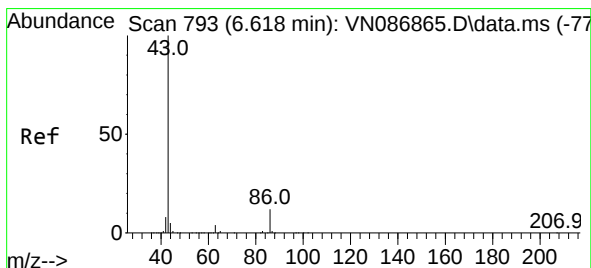
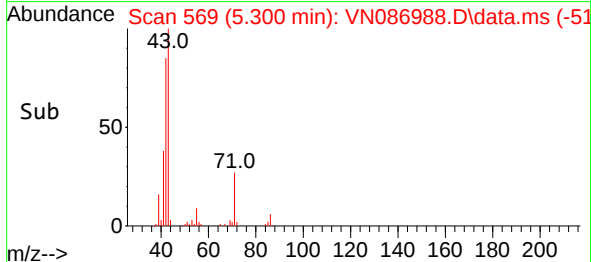
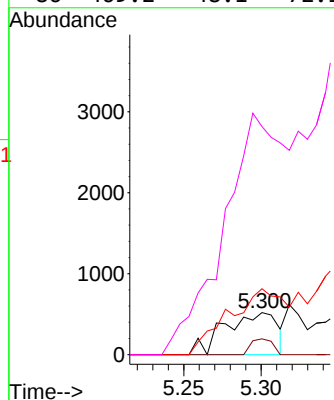
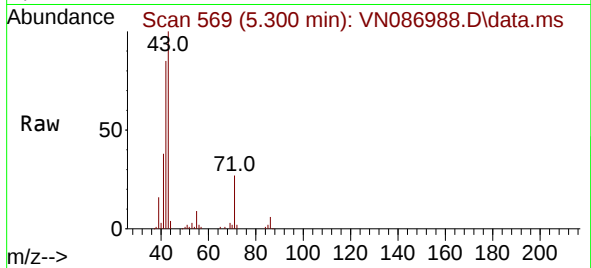




#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 5.300 min Scan# 5
Delta R.T. 0.006 min
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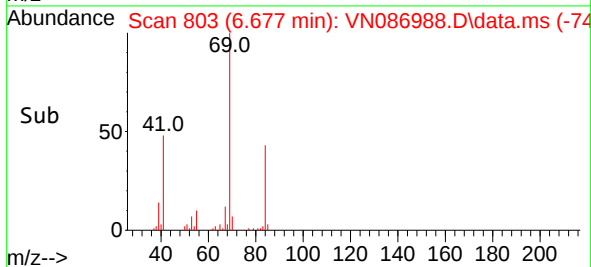
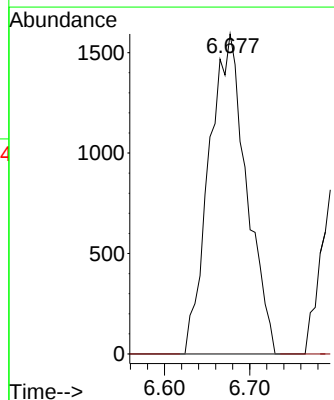
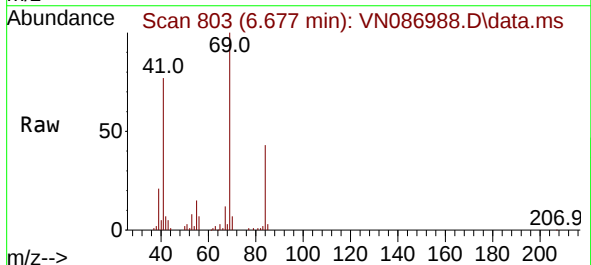
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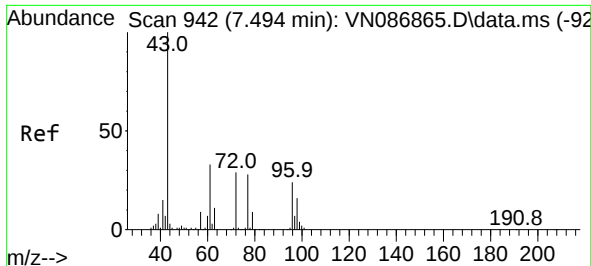
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Ion Ratio Lower Upper
84 100
49 37.5 90.5 135.7#
51 156.5 28.5 42.7#
86 469.2 48.1 72.1#



#23
Vinyl Acetate
Concen: 0.514 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.059 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 43 Resp: 4868
Ion Ratio Lower Upper
43 100
86 0.0 9.5 14.3#

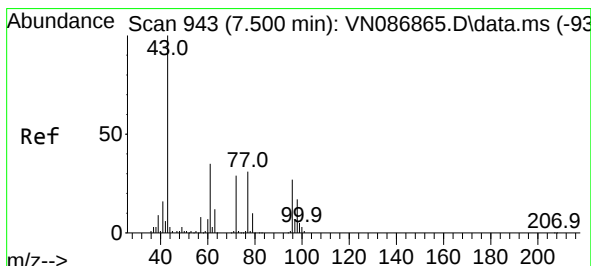
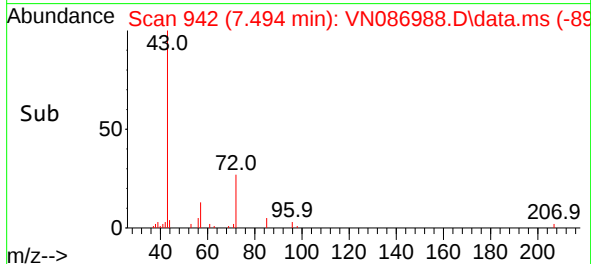
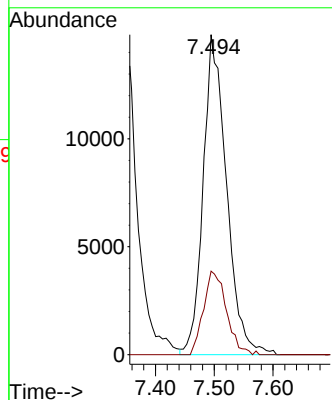
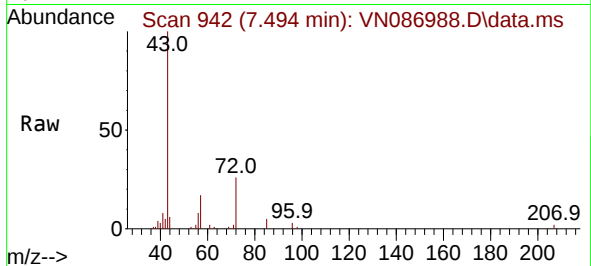




#25
2-Butanone
Concen: 12.313 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086988.D
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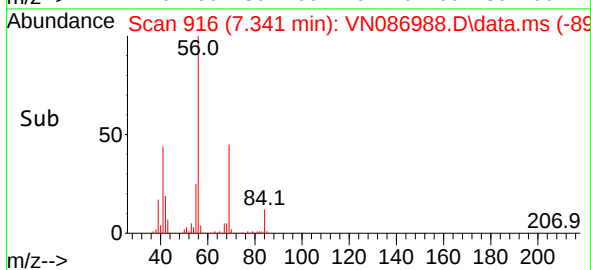
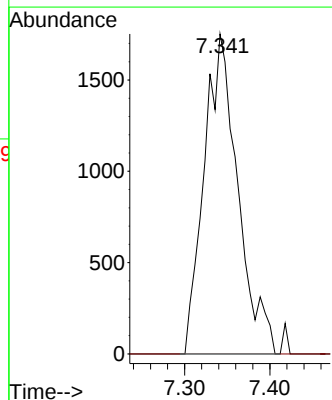
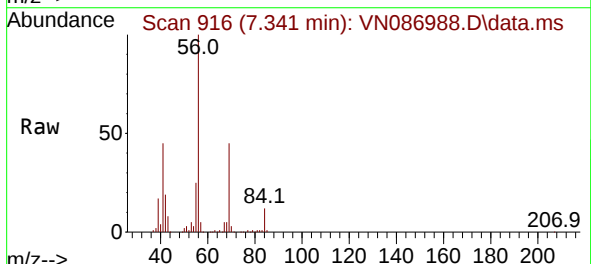
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ClientSampleId :
MW-2-20250605-A

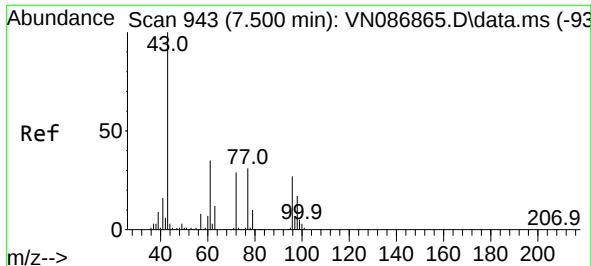
Tgt Ion: 43 Resp: 40924
Ion Ratio Lower Upper
43 100
72 26.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 0.959 ug/l
RT: 7.341 min Scan# 916
Delta R.T. -0.159 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 77 Resp: 4812
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

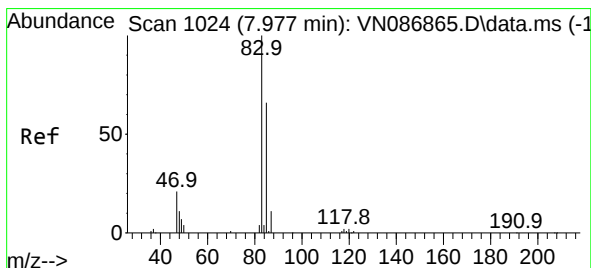
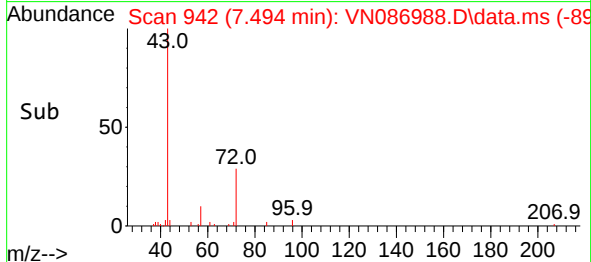
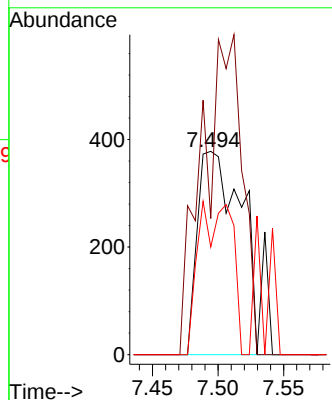
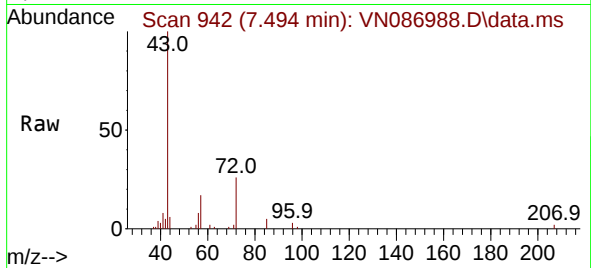




#27
 cis-1,2-Dichloroethene
 Concen: 0.222 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

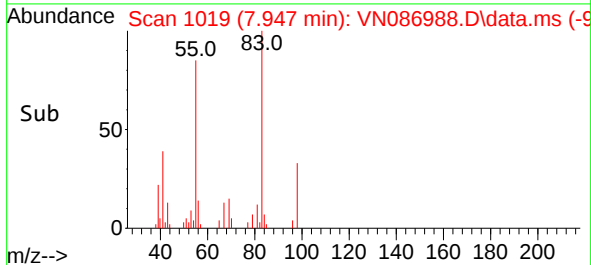
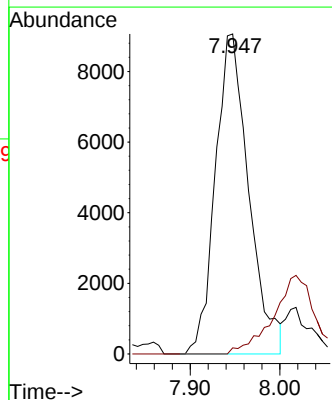
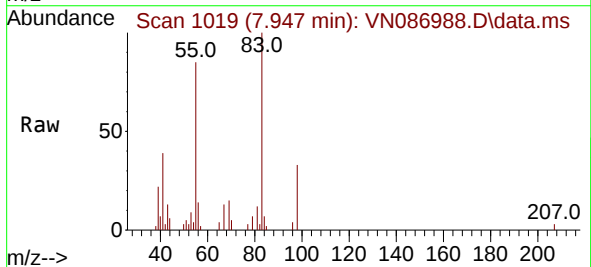
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605-A

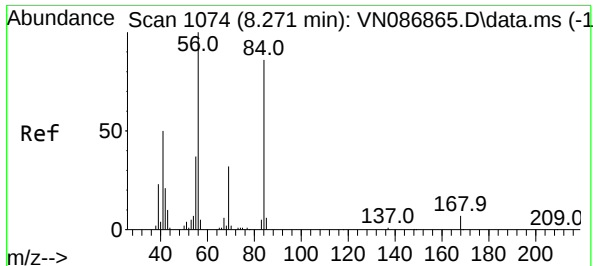
Tgt Ion: 96 Resp: 948
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 278.0
 98 53.4 0.0 128.2



#30
 Chloroform
 Concen: 3.635 ug/l
 RT: 7.947 min Scan# 1019
 Delta R.T. -0.029 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

Tgt Ion: 83 Resp: 23405
 Ion Ratio Lower Upper
 83 100
 85 1.9 52.9 79.3#

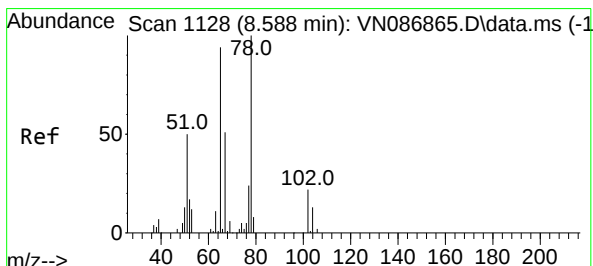
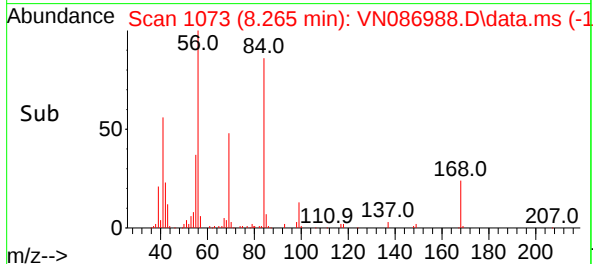
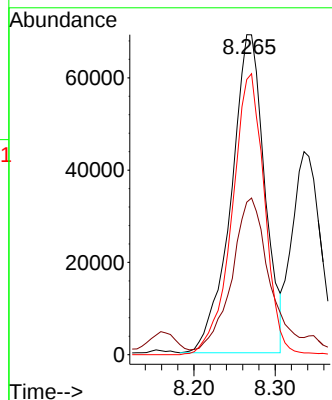
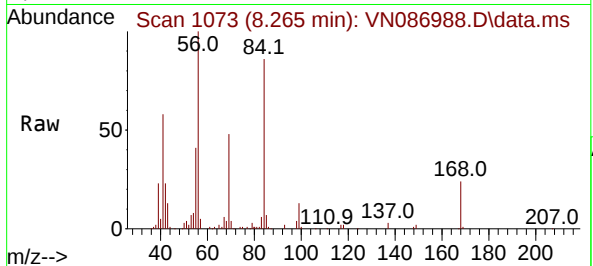




#31
Cyclohexane
Concen: 31.769 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

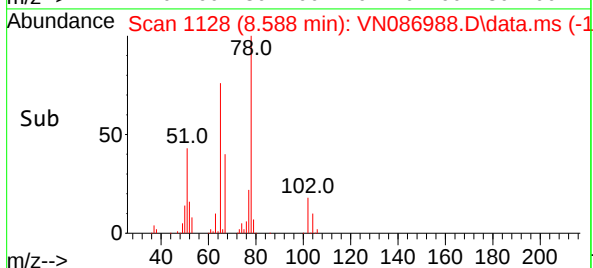
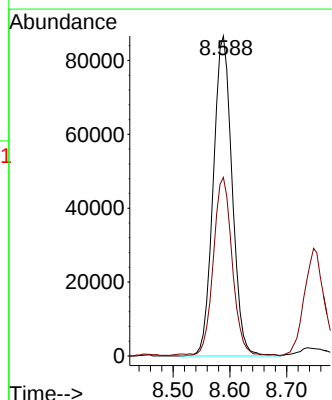
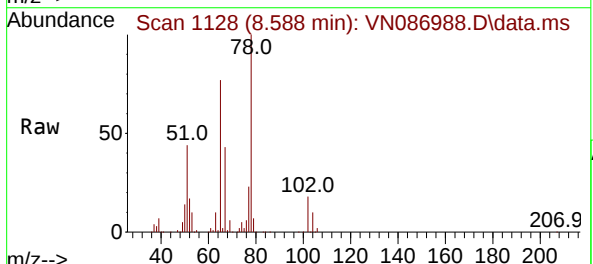
Instrument :
MSVOA_N
ClientSampleId :
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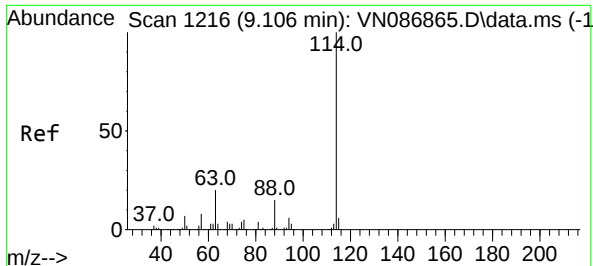
Tgt Ion: 56 Resp: 198668
Ion Ratio Lower Upper
56 100
69 44.8 25.4 38.0#
84 86.5 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 51.681 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 65 Resp: 199265
Ion Ratio Lower Upper
65 100
67 56.1 0.0 105.6

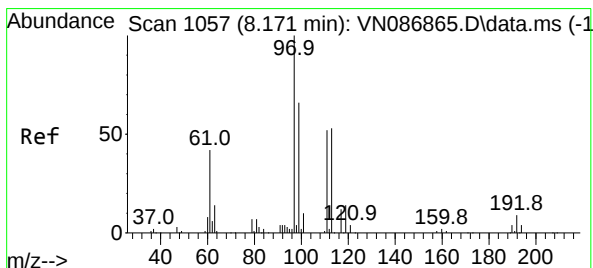
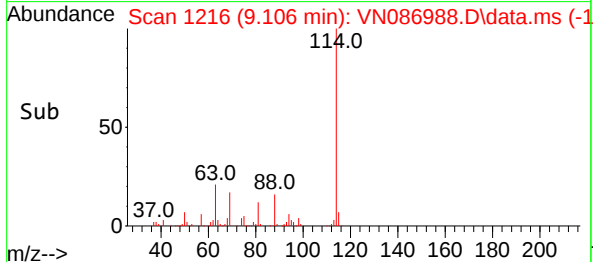
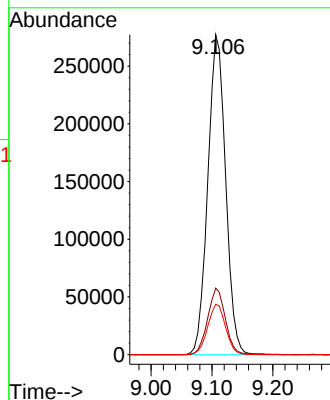
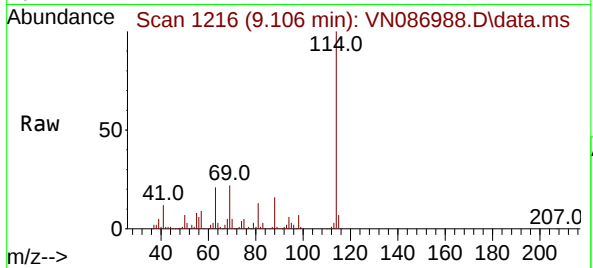




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

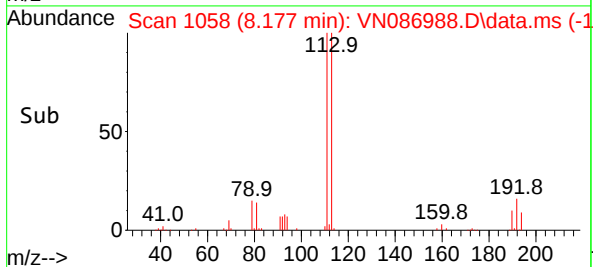
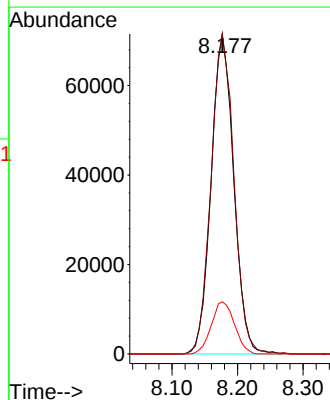
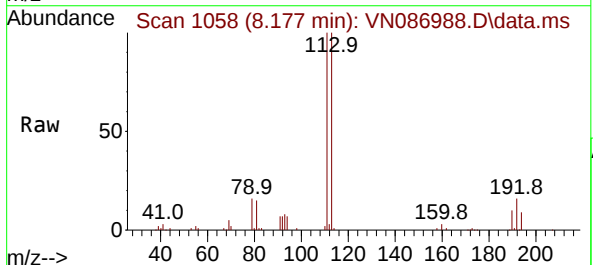
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

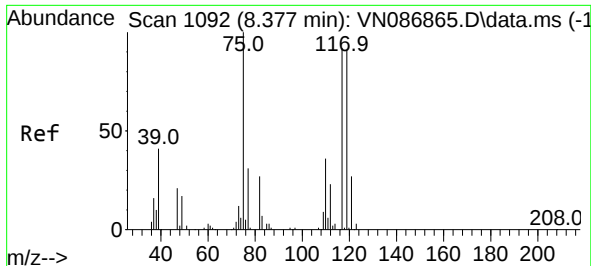
Tgt Ion:114 Resp: 564200
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.021 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:113 Resp: 170594
Ion Ratio Lower Upper
113 100
111 101.6 84.2 126.2
192 16.8 14.2 21.4

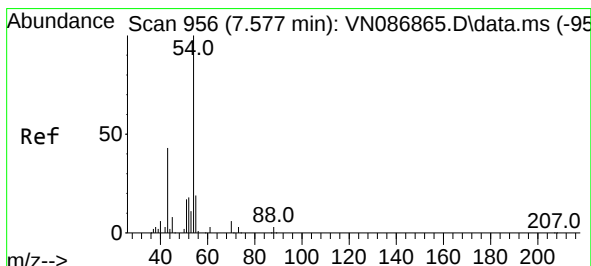
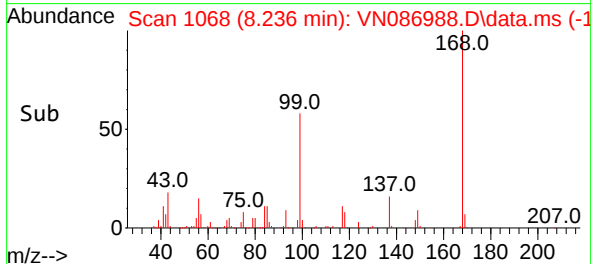
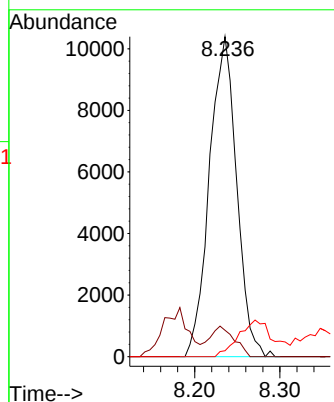
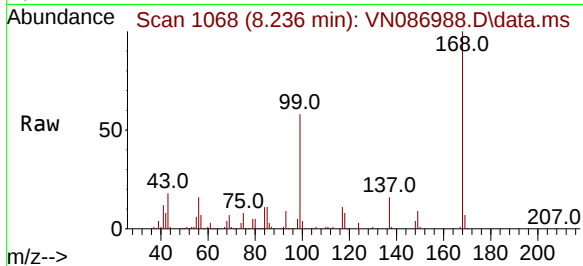




#36
 1,1-Dichloropropene
 Concen: 4.624 ug/l
 RT: 8.236 min Scan# 1092
 Delta R.T. -0.141 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

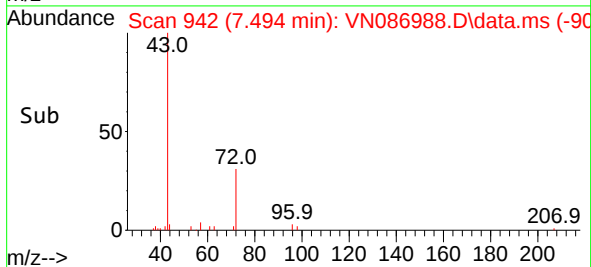
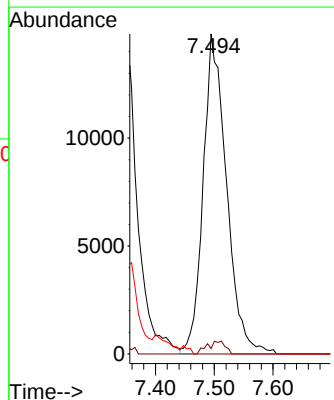
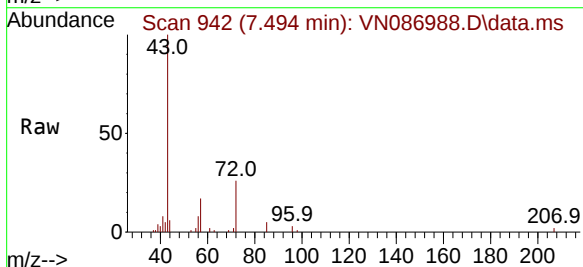
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605-A

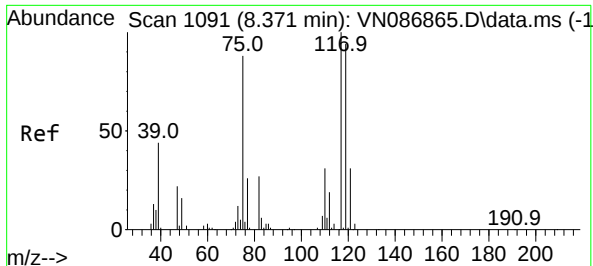
Tgt Ion: 75 Resp: 23038
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.6 52.9#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 6.452 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.082 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

Tgt Ion: 43 Resp: 40924
 Ion Ratio Lower Upper
 43 100
 61 3.1 12.1 18.1#
 70 0.0 9.8 14.6#

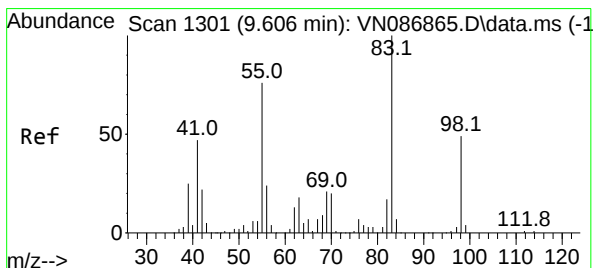
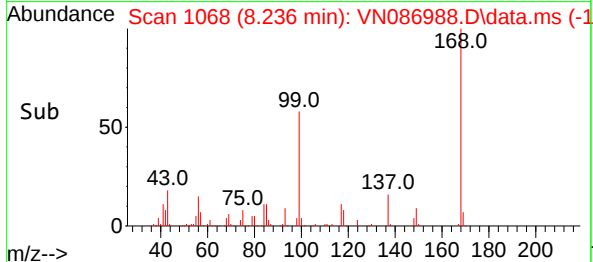
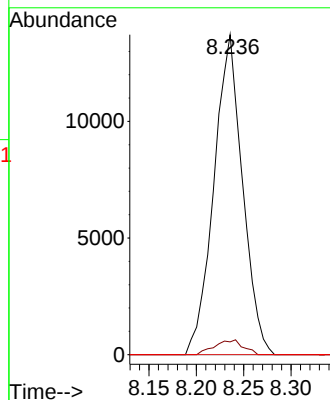
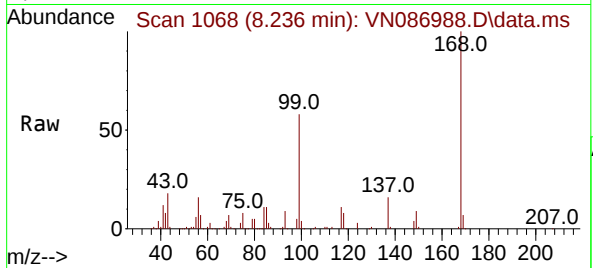




#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

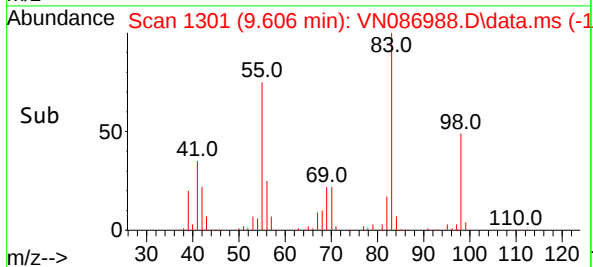
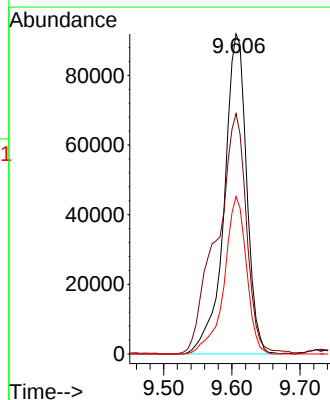
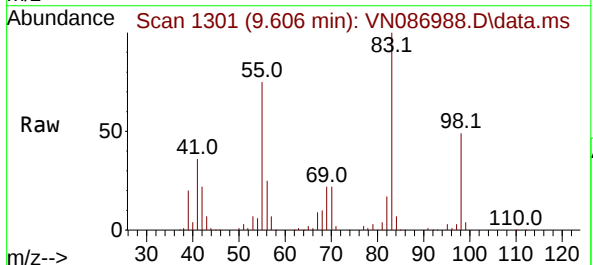
Instrument :
MSVOA_N
ClientSampleId :
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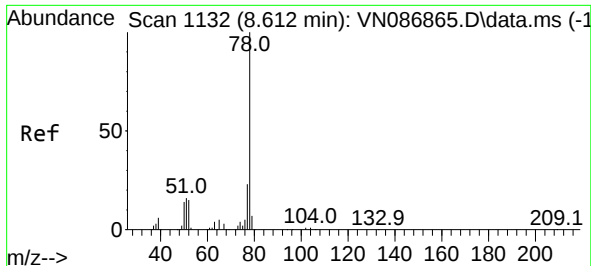
Tgt Ion:117 Resp: 28893
Ion Ratio Lower Upper
117 100
119 4.0 75.0 112.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 30.852 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 83 Resp: 210594
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.6
98 49.2 38.9 58.3

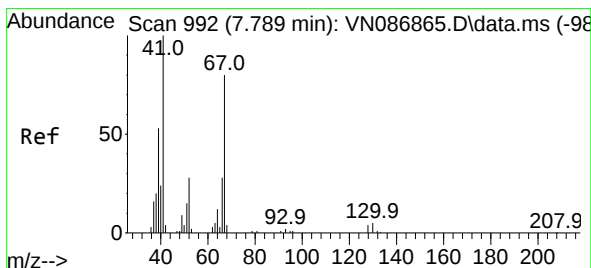
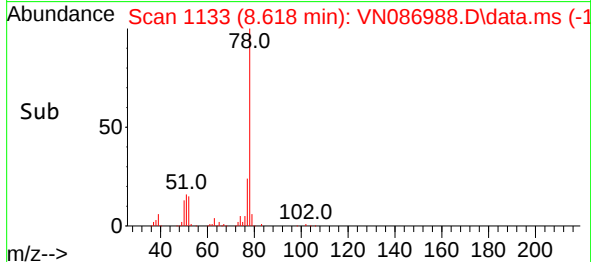
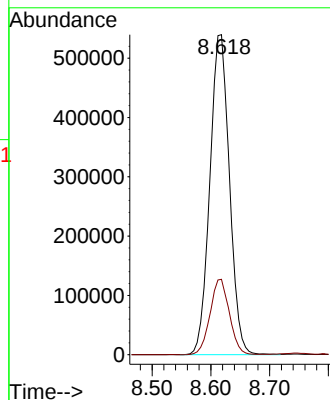
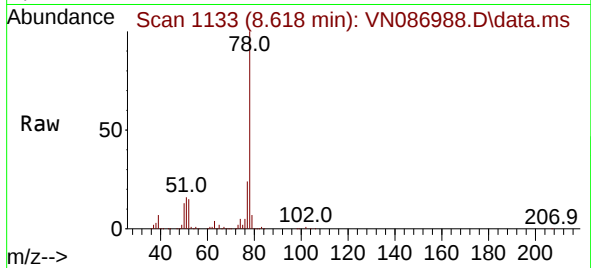




#40
Benzene
Concen: 76.630 ug/l
RT: 8.618 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

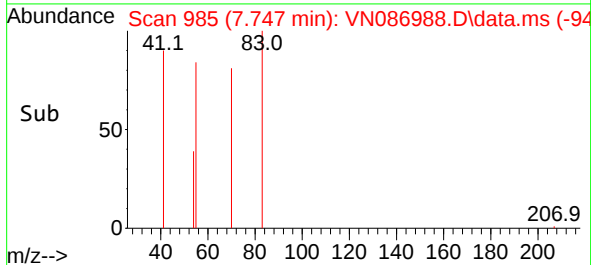
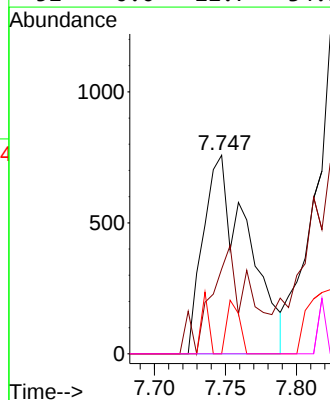
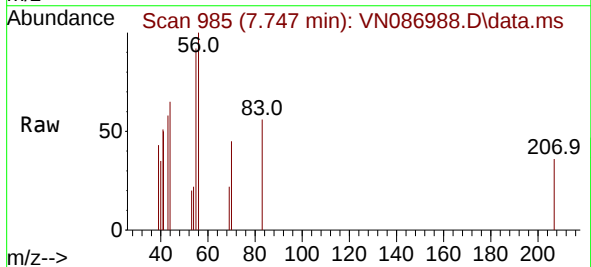
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MSVOA_N
ClientSampleId :
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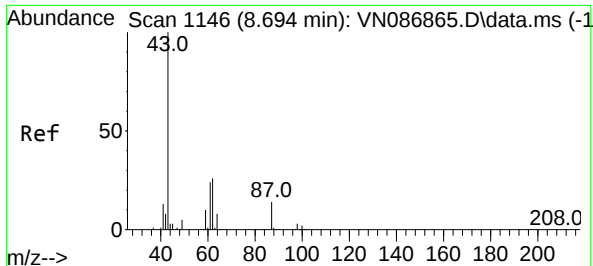
Tgt Ion: 78 Resp: 1248475
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



#41
Methacrylonitrile
Concen: 0.468 ug/l
RT: 7.747 min Scan# 985
Delta R.T. -0.041 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 41 Resp: 1668
Ion Ratio Lower Upper
41 100
39 48.3 41.2 61.8
67 0.0 61.4 92.2#
52 0.0 22.7 34.1#

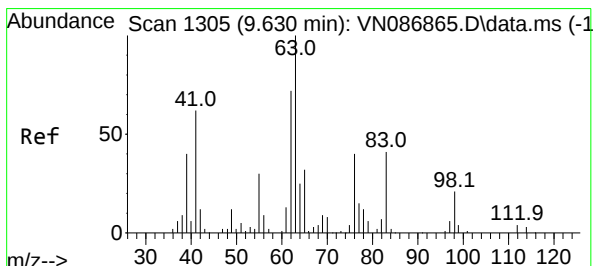
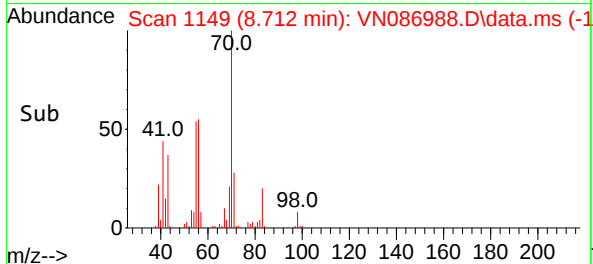
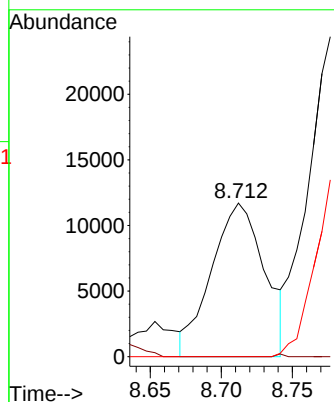
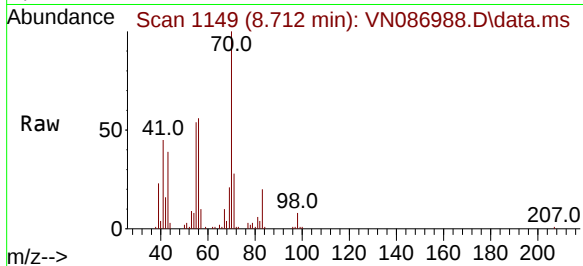




#43
Isopropyl Acetate
Concen: 2.982 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

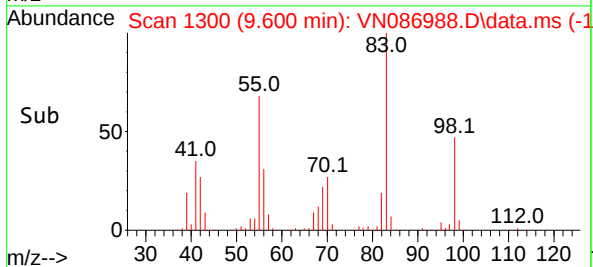
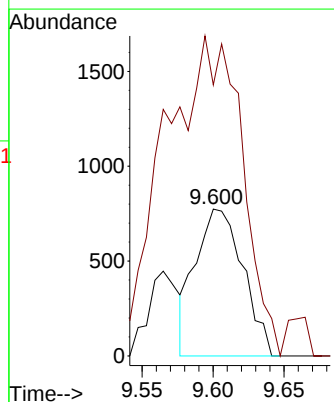
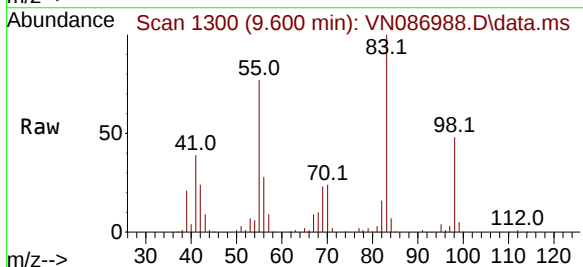
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MSVOA_N
ClientSampleId :
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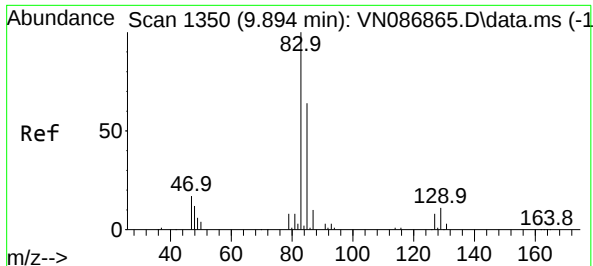
Tgt Ion: 43 Resp: 30360
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#



#45
1,2-Dichloropropane
Concen: 0.453 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.029 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 63 Resp: 1797
Ion Ratio Lower Upper
63 100
65 184.6 25.5 38.3#

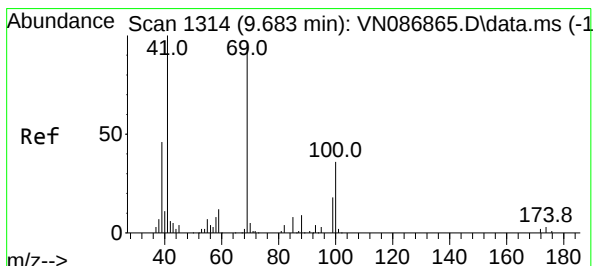
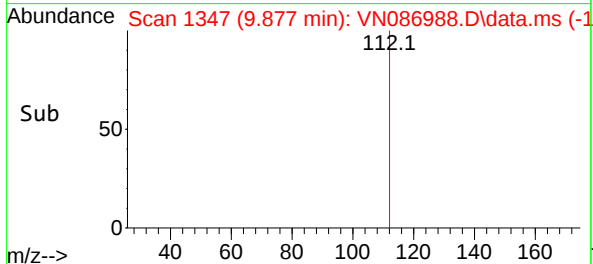
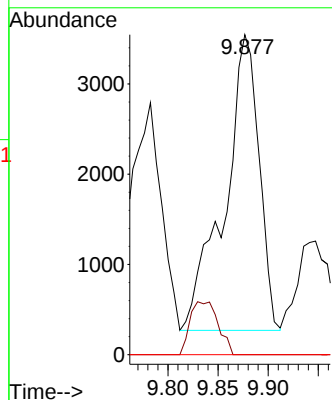
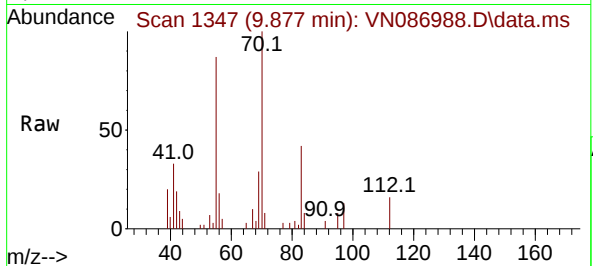




#47
Bromodichloromethane
Concen: 1.447 ug/l
RT: 9.877 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

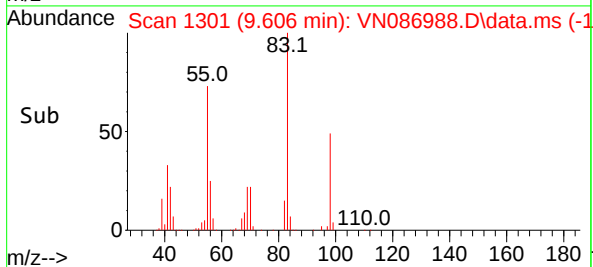
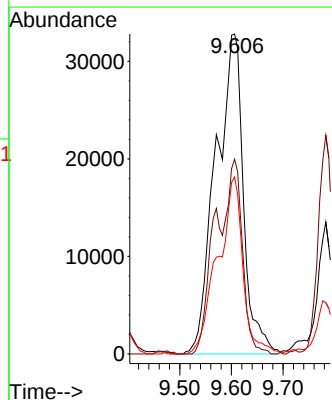
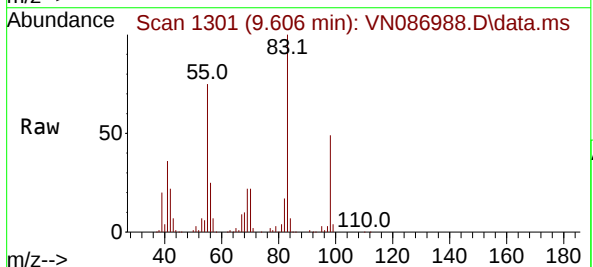
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

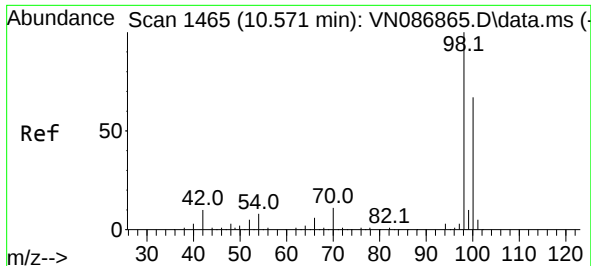
Tgt Ion: 83 Resp: 7838
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 26.063 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.077 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 41 Resp: 122112
Ion Ratio Lower Upper
41 100
69 34.8 74.6 112.0#
39 50.3 40.2 60.4

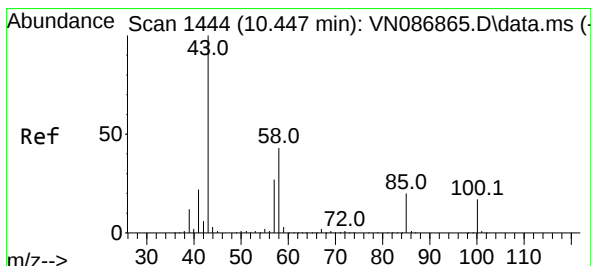
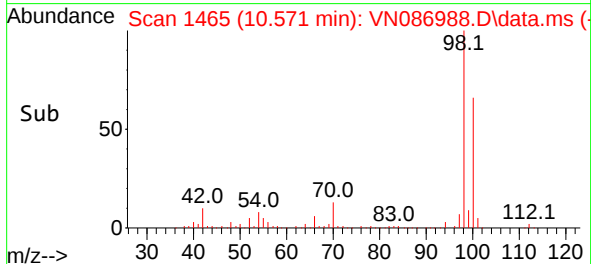
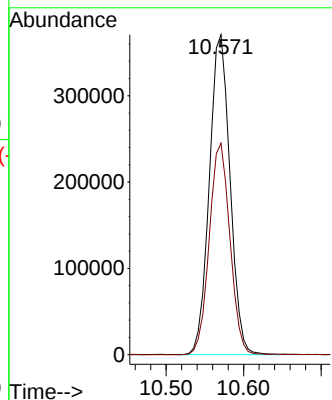
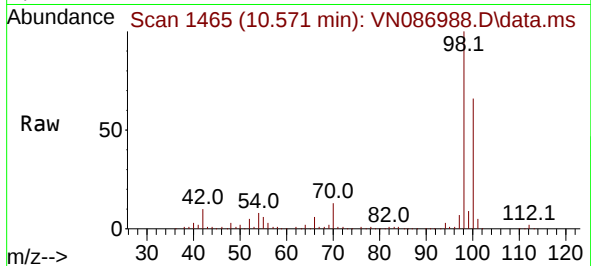




#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

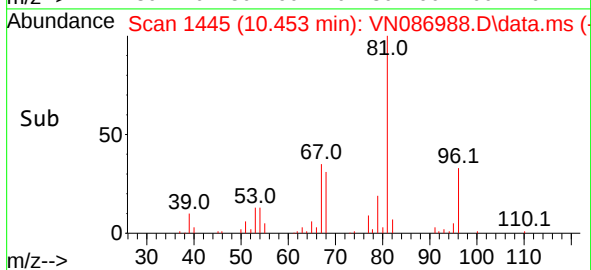
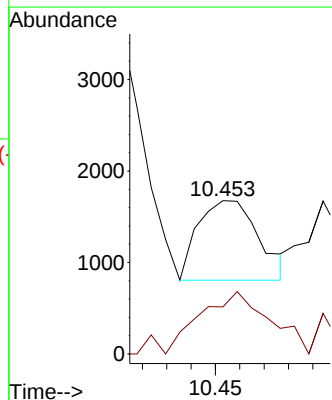
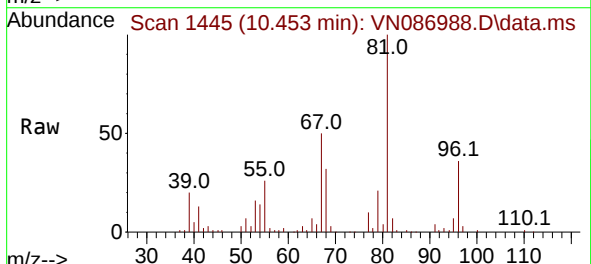
Instrument :
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ClientSampleId :
MW-2-20250605-A

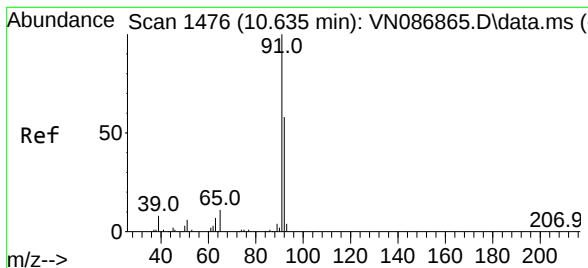
Tgt Ion: 98 Resp: 687658
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 94.7 34.2 51.4#





#52

Toluene

Concen: 6.149 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

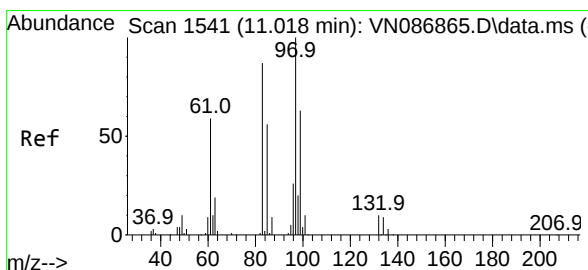
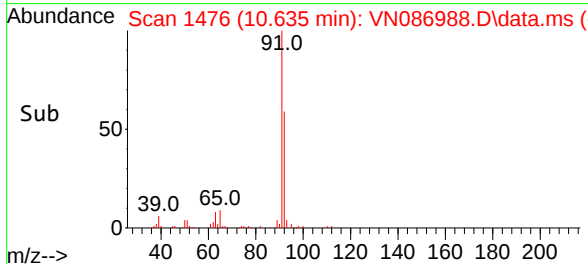
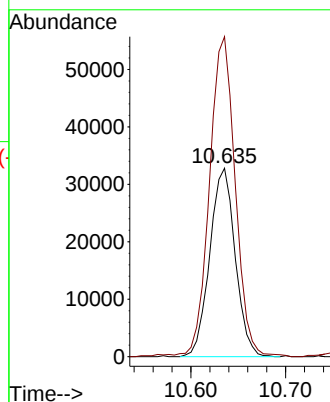
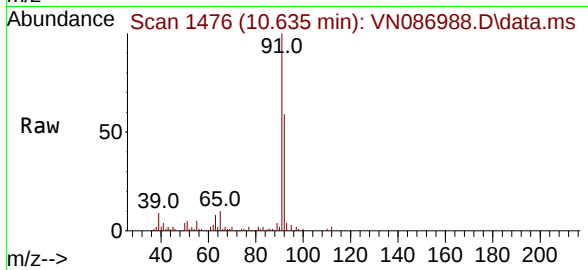
MW-2-20250605-A

Tgt Ion: 92 Resp: 61225

Ion Ratio Lower Upper

92 100

91 173.0 136.5 204.7



#55

1,1,2-Trichloroethane

Concen: 8.917 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

Tgt Ion: 97 Resp: 34162

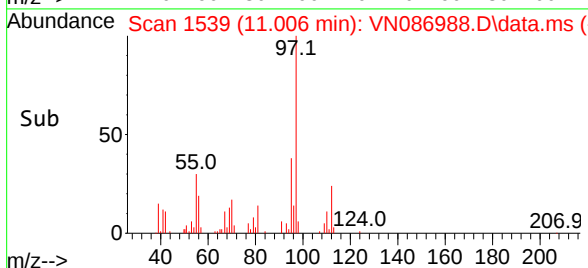
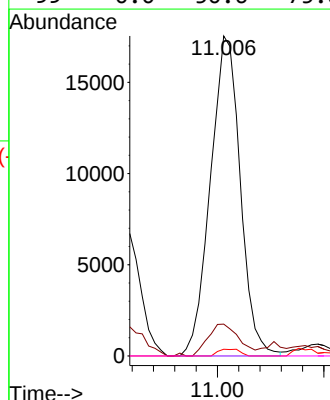
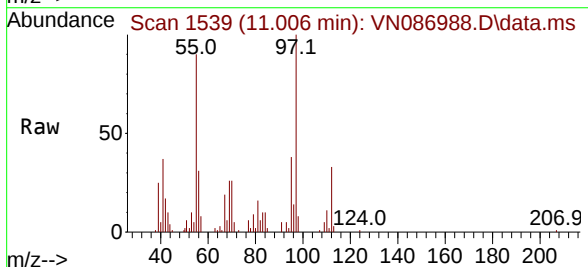
Ion Ratio Lower Upper

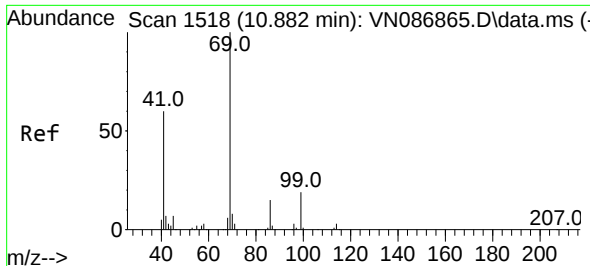
97 100

83 9.1 69.7 104.5#

85 2.1 45.1 67.7#

99 0.0 50.6 75.8#

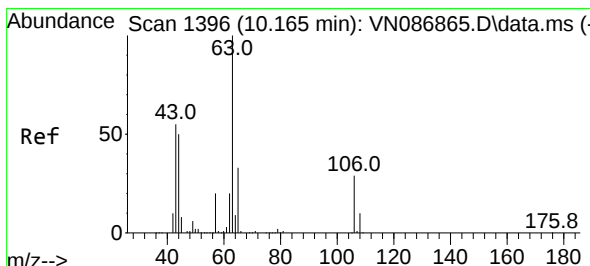
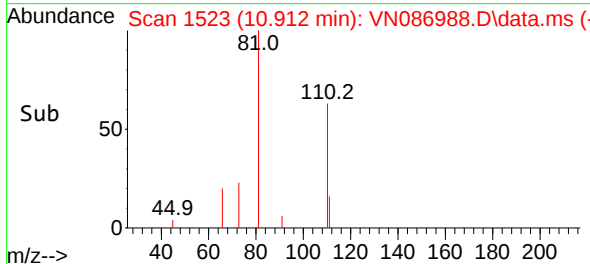
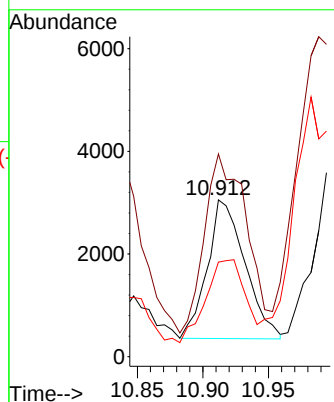
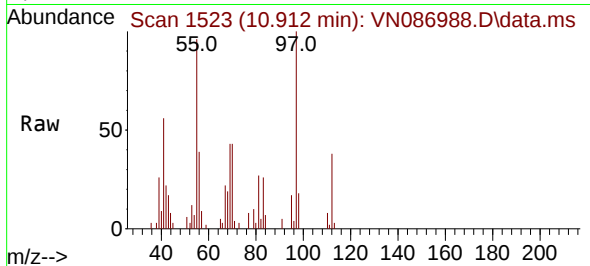




#56
Ethyl methacrylate
Concen: 0.884 ug/l
RT: 10.912 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

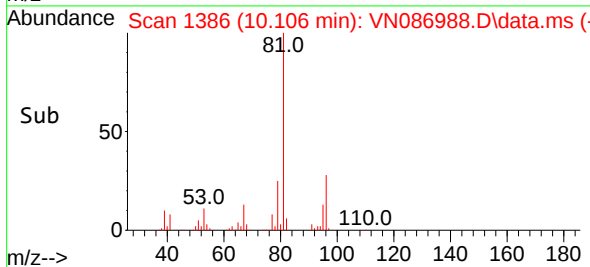
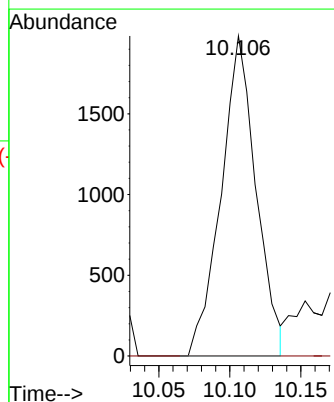
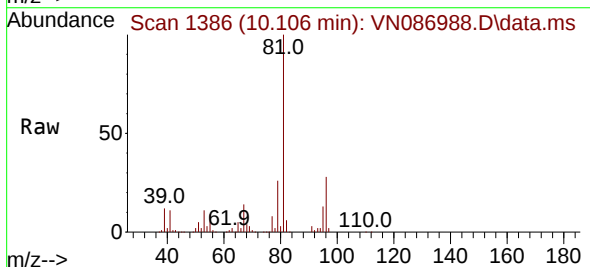
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

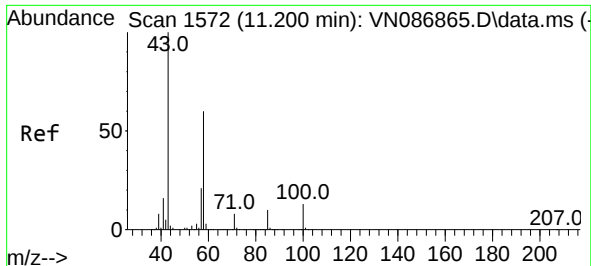
Tgt Ion: 69 Resp: 5392
Ion Ratio Lower Upper
69 100
41 144.0 47.2 70.8#
39 61.9 23.0 34.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.934 ug/l
RT: 10.106 min Scan# 1386
Delta R.T. -0.059 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 63 Resp: 3398
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

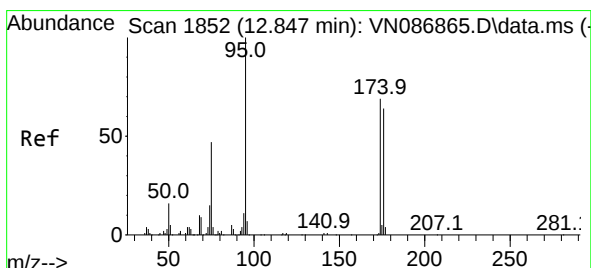
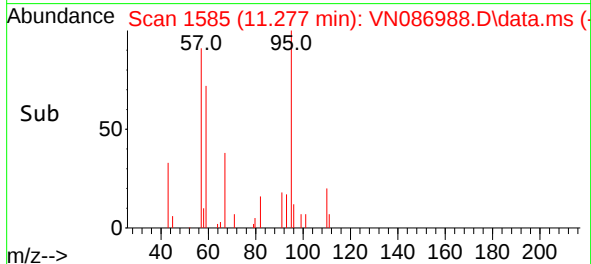
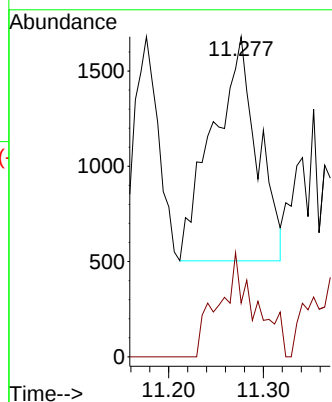
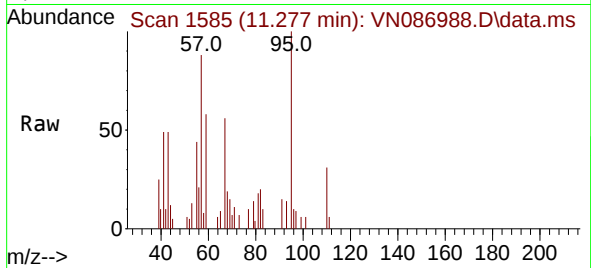




#59
2-Hexanone
Concen: 0.974 ug/l
RT: 11.277 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

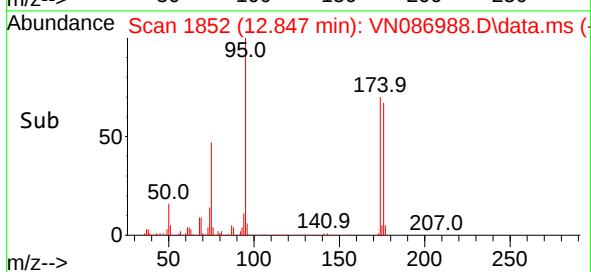
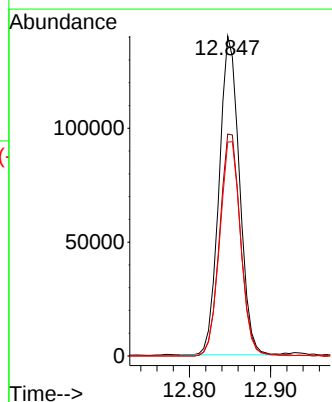
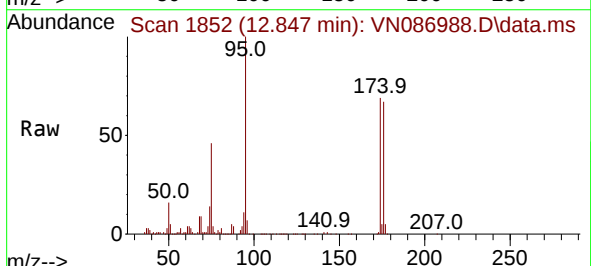
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

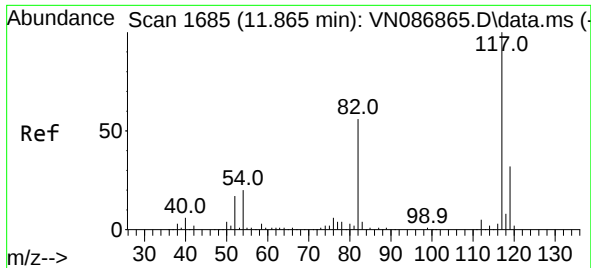
Tgt Ion: 43 Resp: 3843
Ion Ratio Lower Upper
43 100
58 37.7 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 49.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 95 Resp: 244178
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 69.4 0.0 132.6

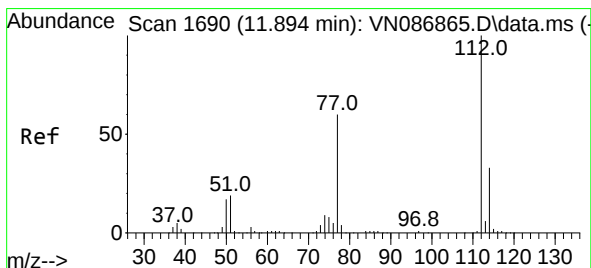
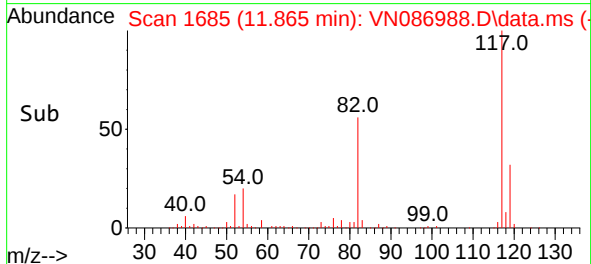
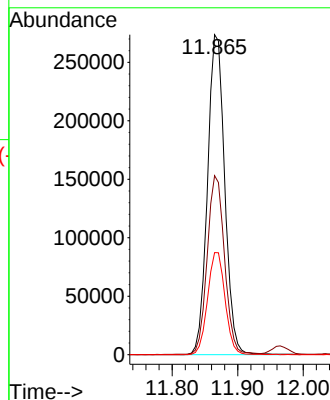
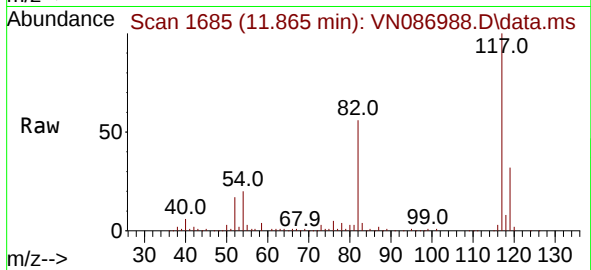




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

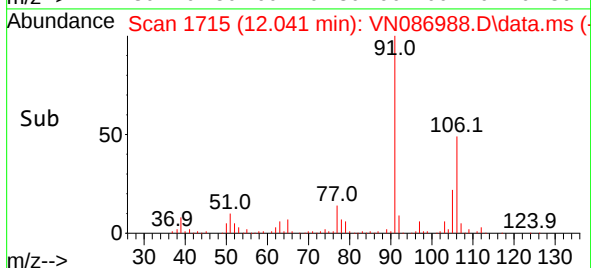
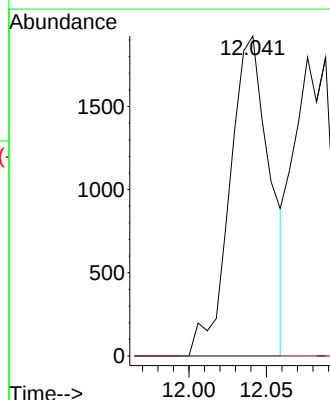
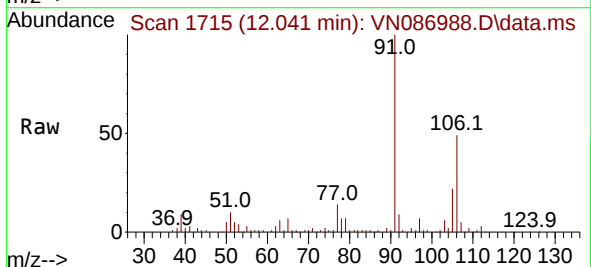
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

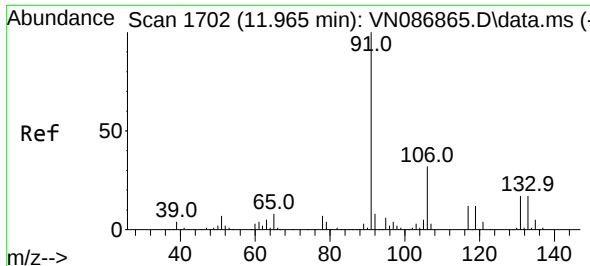
Tgt Ion:117 Resp: 499730
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.9 25.5 38.3



#65
Chlorobenzene
Concen: 0.314 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.147 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:112 Resp: 3461
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#

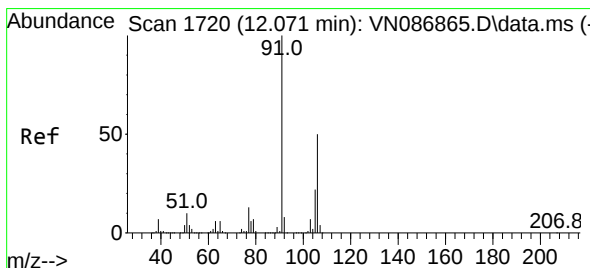
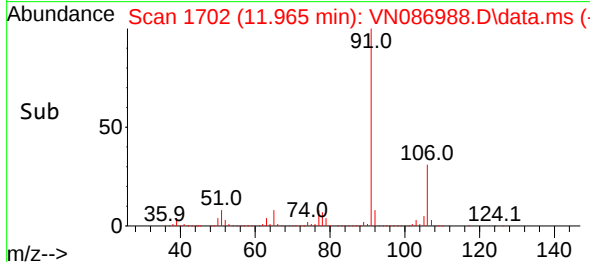
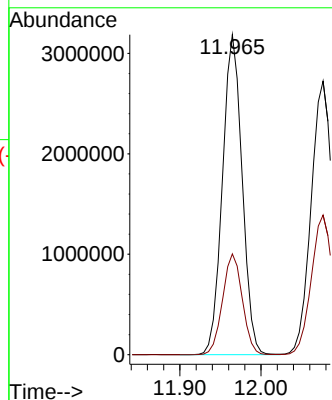
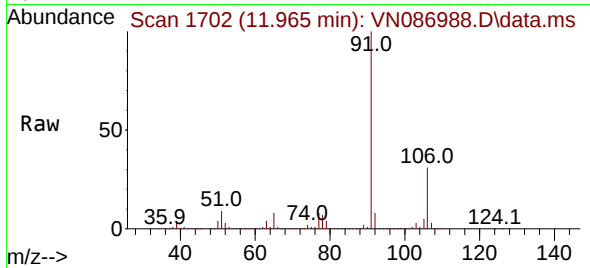




#67
Ethyl Benzene
Concen: 282.802 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

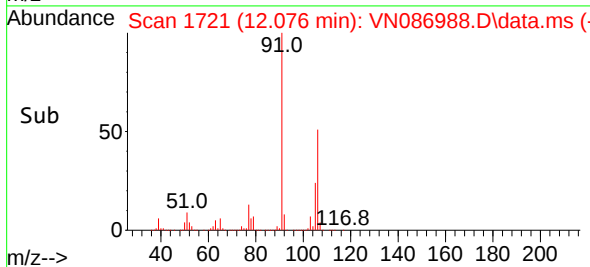
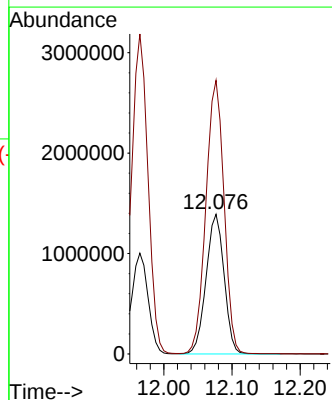
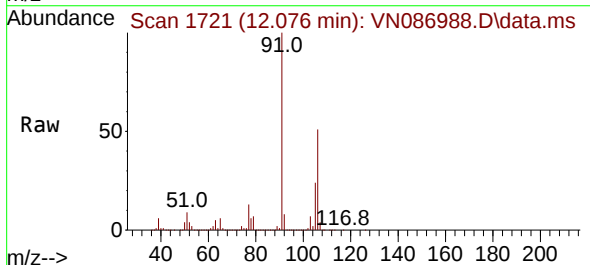
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

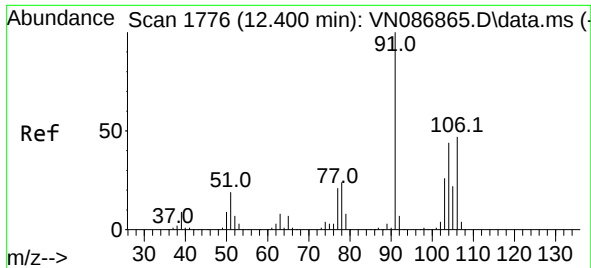
Tgt Ion: 91 Resp: 5368916
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 351.056 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:106 Resp: 2551247
Ion Ratio Lower Upper
106 100
91 197.6 159.4 239.0

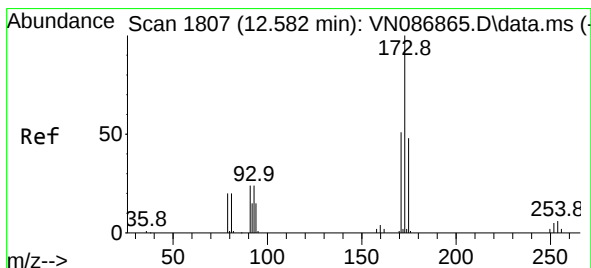
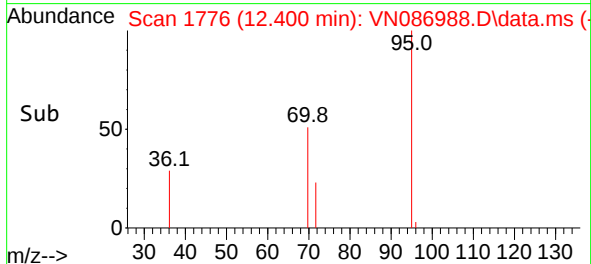
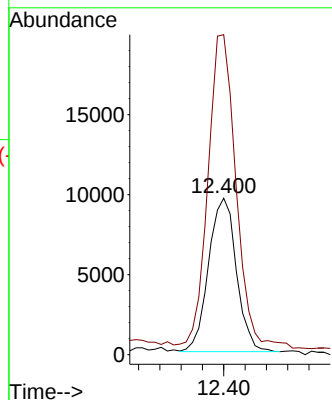
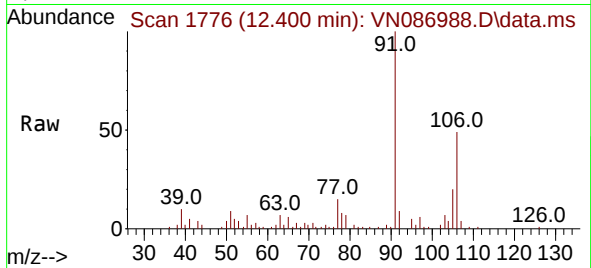




#69
o-Xylene
Concen: 2.498 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

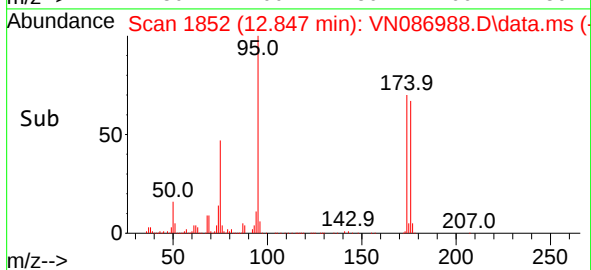
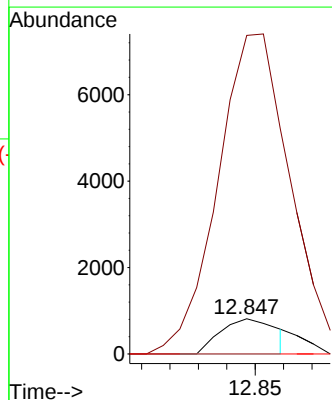
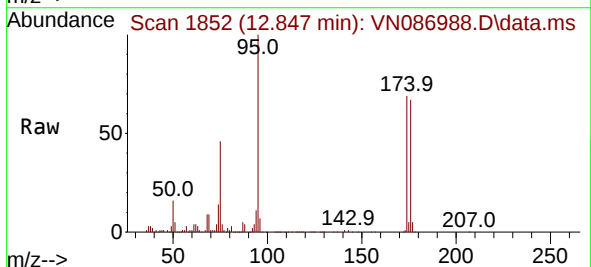
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

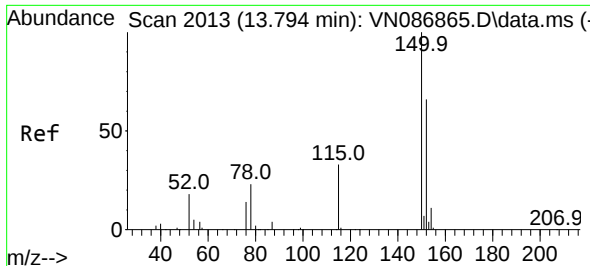
Tgt Ion:106 Resp: 17388
Ion Ratio Lower Upper
106 100
91 207.9 106.1 318.1



#71
Bromoform
Concen: 0.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:173 Resp: 1118
Ion Ratio Lower Upper
173 100
175 993.6 24.1 72.4#
254 0.0 0.0 0.0

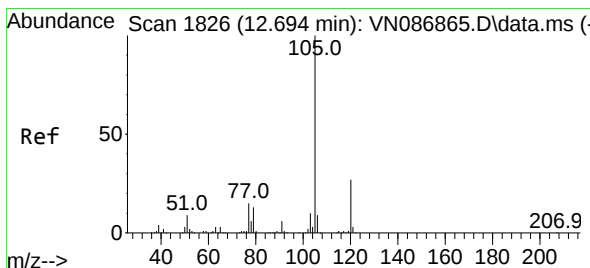
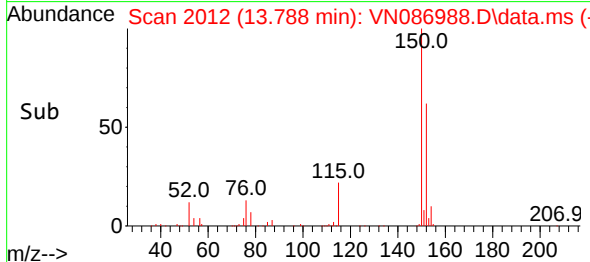
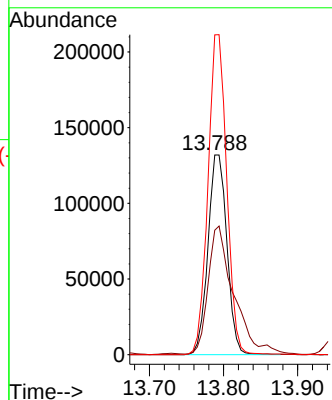
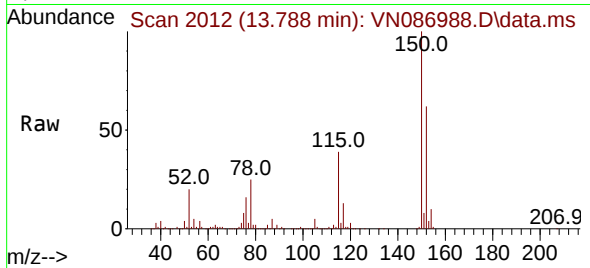




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

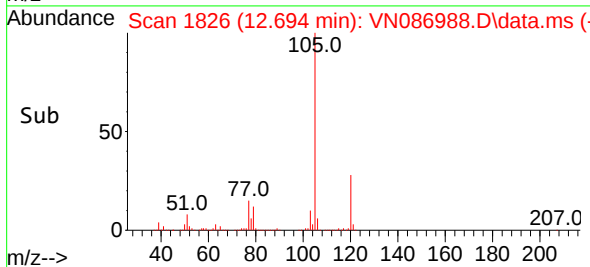
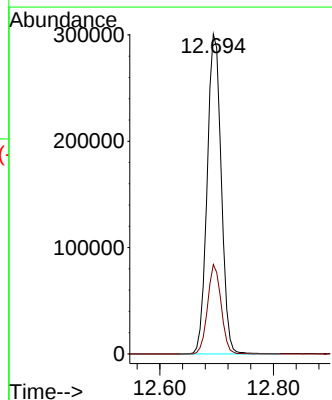
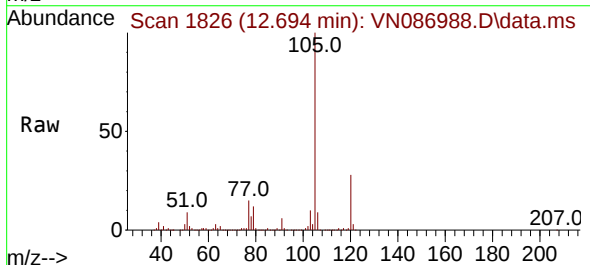
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605-A

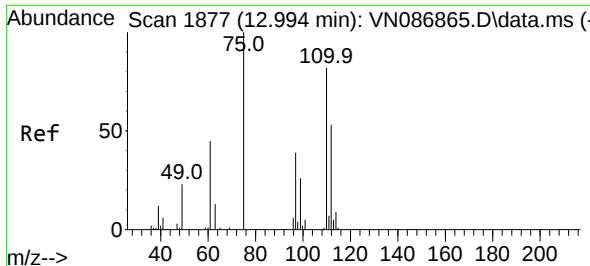
Tgt Ion:152 Resp: 234750
 Ion Ratio Lower Upper
 152 100
 115 86.5 30.1 90.5
 150 158.5 0.0 345.0



#73
 Isopropylbenzene
 Concen: 30.128 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

Tgt Ion:105 Resp: 515241
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.5 40.4

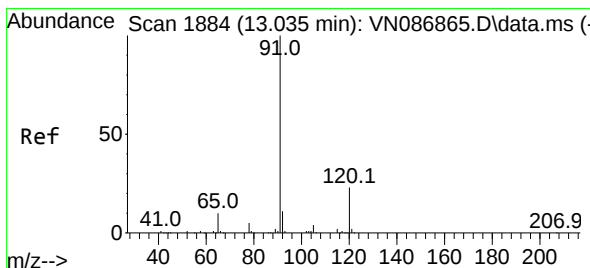
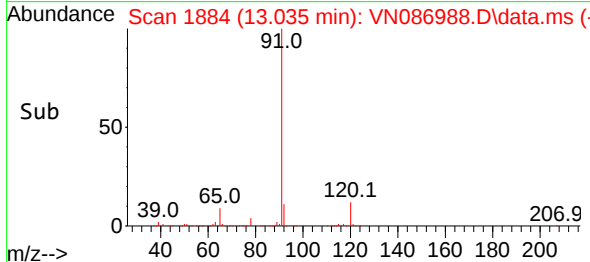
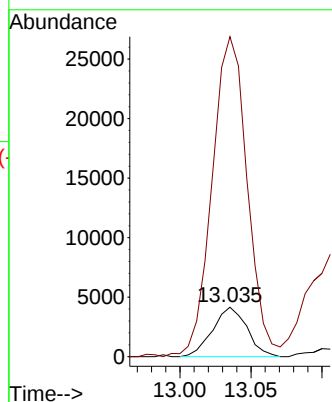
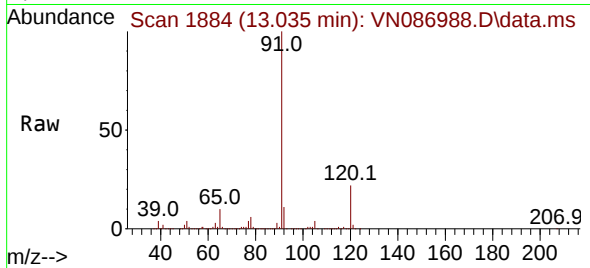




#76
1,2,3-Trichloropropane
Concen: 1.255 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

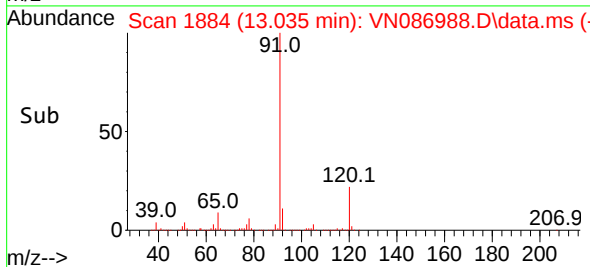
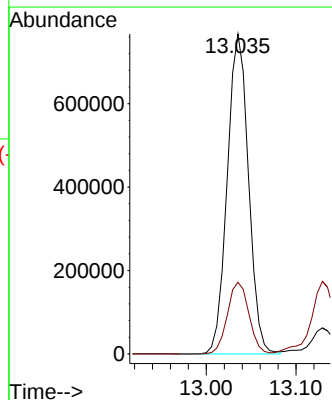
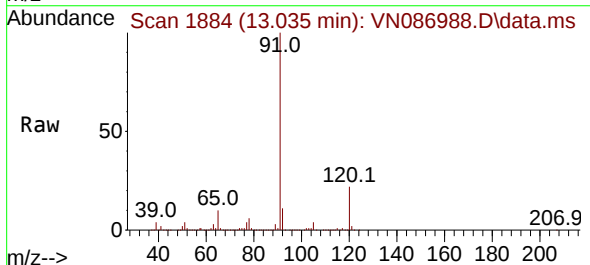
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

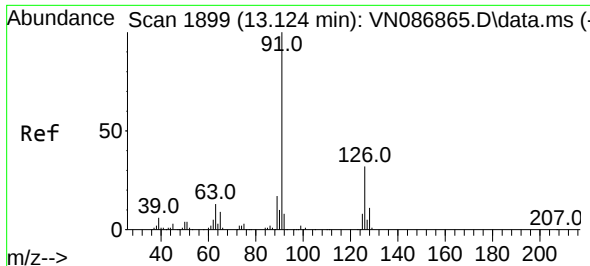
Tgt Ion: 75 Resp: 7005
Ion Ratio Lower Upper
75 100
77 662.1 79.3 237.9#



#78
n-propylbenzene
Concen: 60.633 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 91 Resp: 1260141
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.2

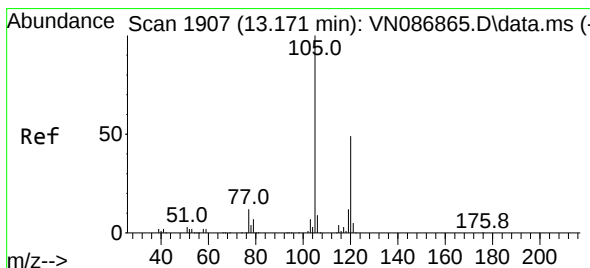
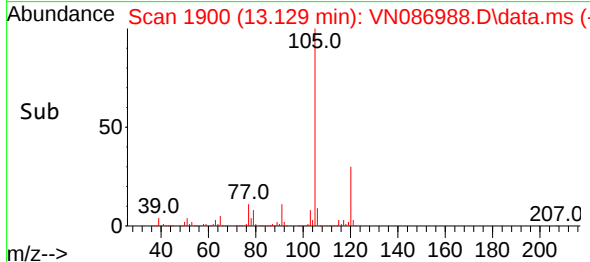
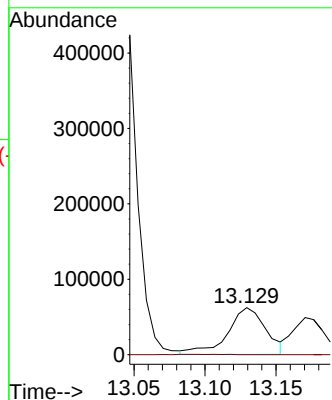
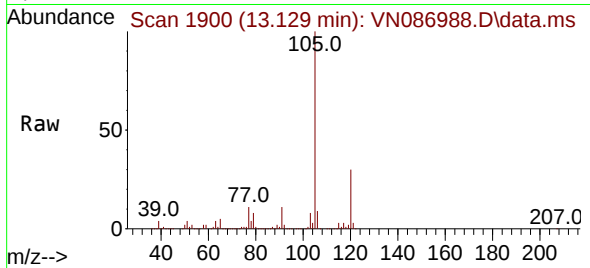




#79
2-Chlorotoluene
Concen: 9.285 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

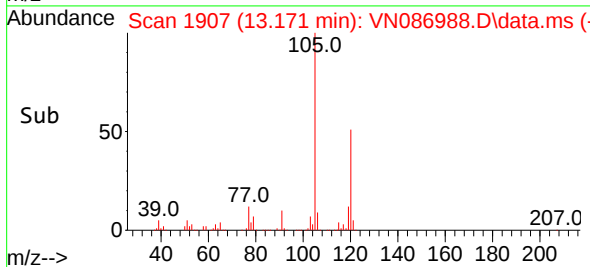
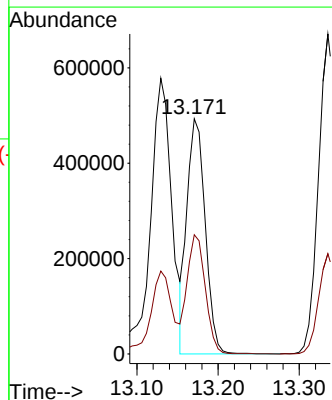
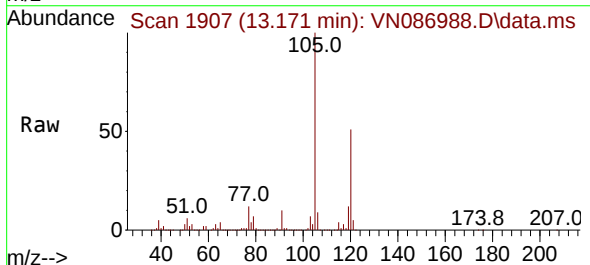
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

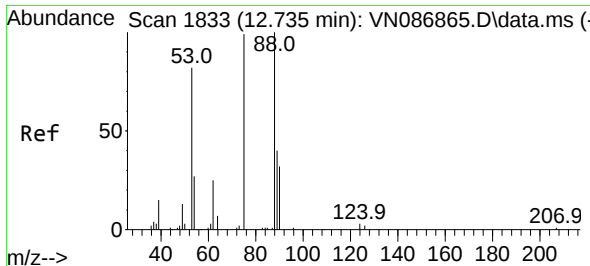
Tgt Ion: 91 Resp: 115728
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#



#80
1,3,5-Trimethylbenzene
Concen: 54.555 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:105 Resp: 770291
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6

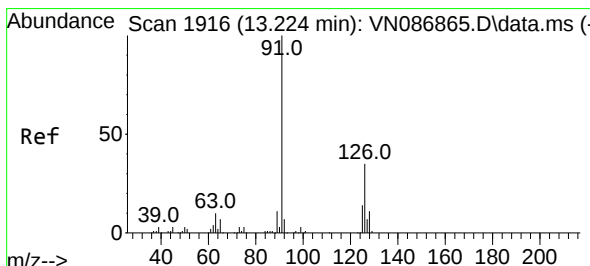
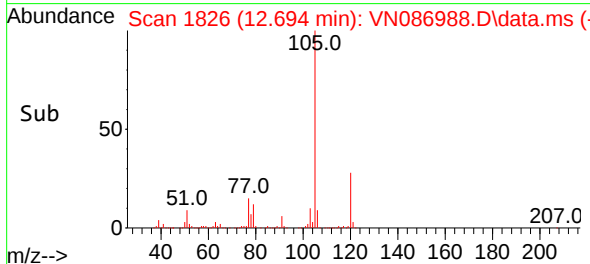
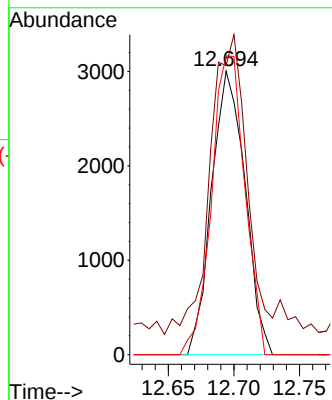
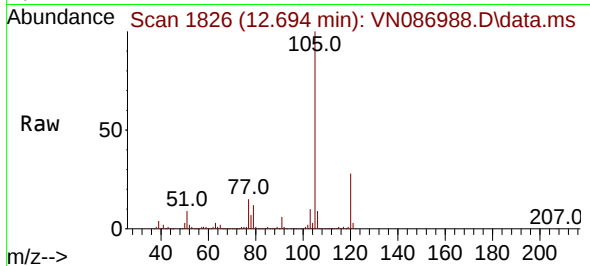




#81
trans-1,4-Dichloro-2-butene
Concen: 2.199 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

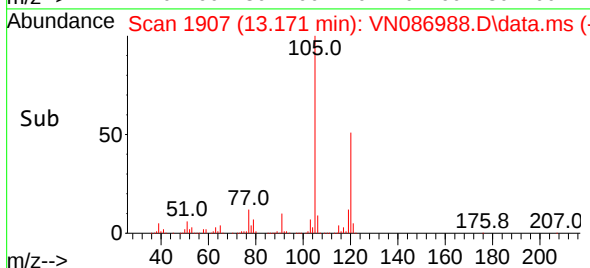
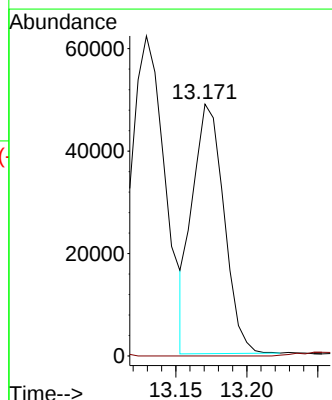
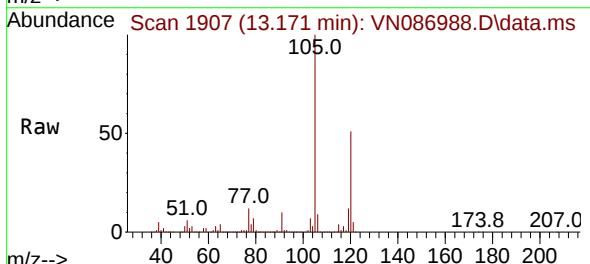
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

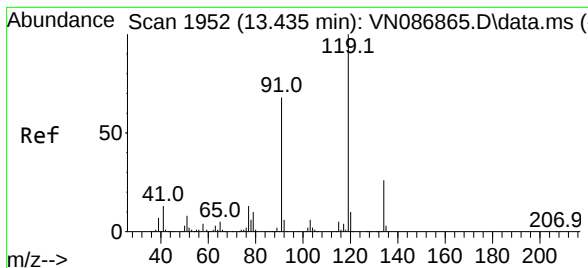
Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
53 114.3 66.6 99.8#
89 105.0 36.7 55.1#



#82
4-Chlorotoluene
Concen: 5.957 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion: 91 Resp: 75129
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#

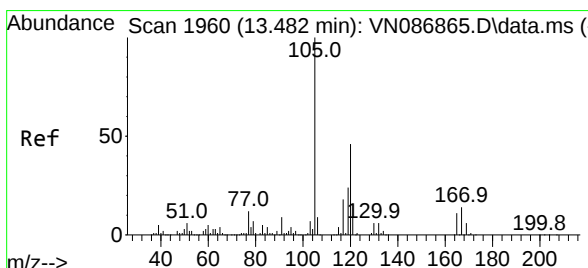
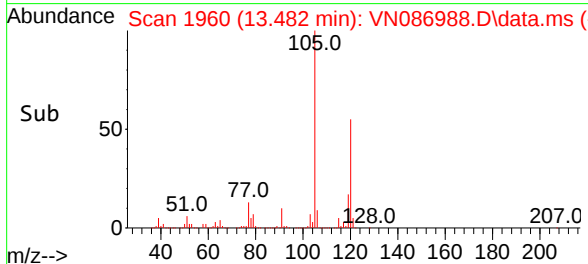
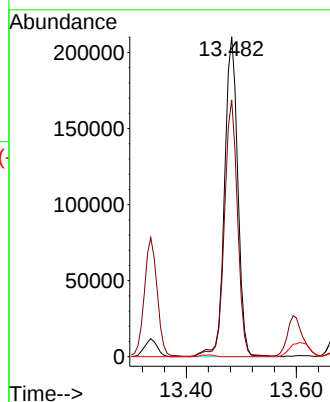
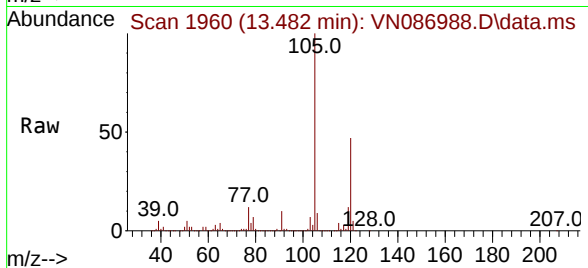




#83
tert-Butylbenzene
Concen: 27.161 ug/l
RT: 13.482 min Scan# 1952
Delta R.T. 0.047 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

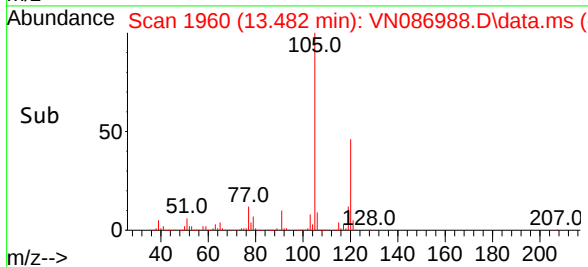
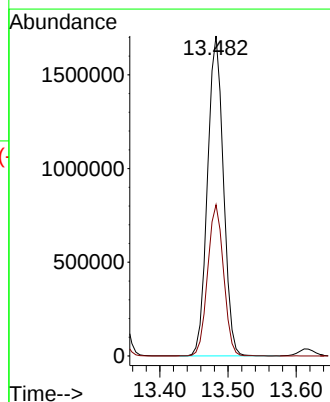
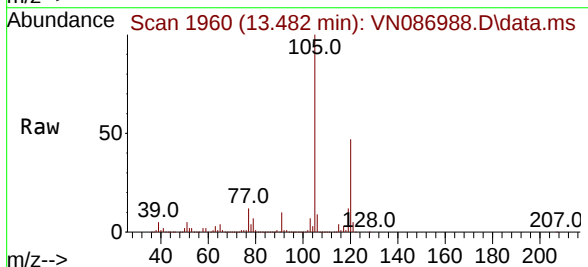
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605-A

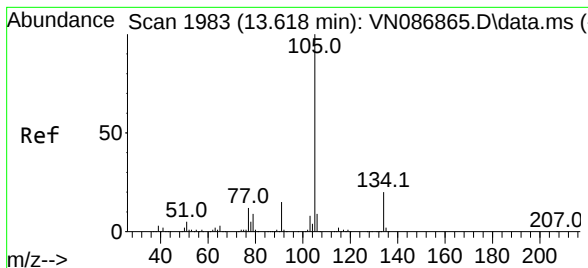
Tgt Ion:119 Resp: 351051
Ion Ratio Lower Upper
119 100
91 79.3 32.1 96.5
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 195.386 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086988.D
Acq: 12 Jun 2025 19:18

Tgt Ion:105 Resp: 2766381
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 147.375 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

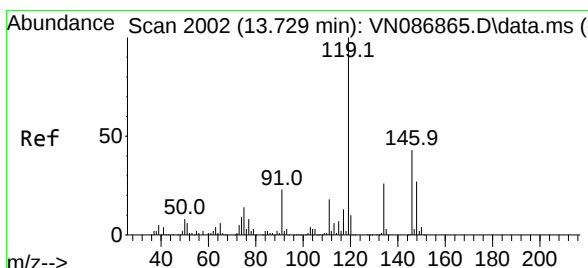
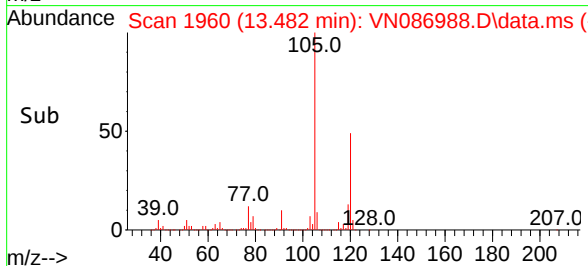
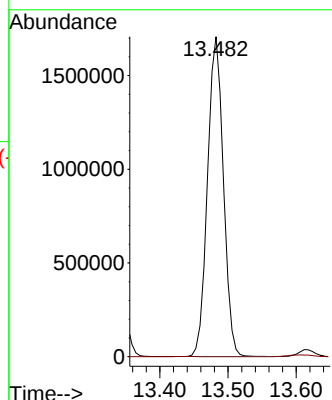
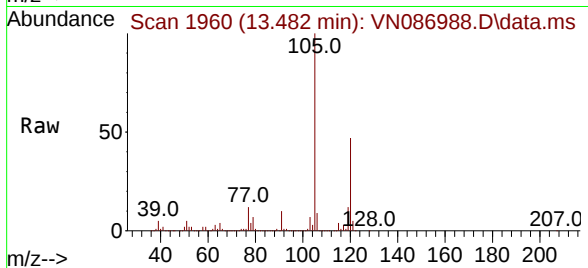
MW-2-20250605-A

Tgt Ion:105 Resp: 2766147

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 0.983 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

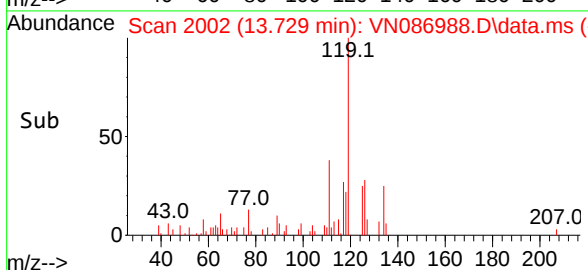
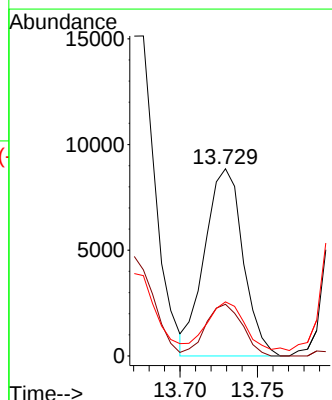
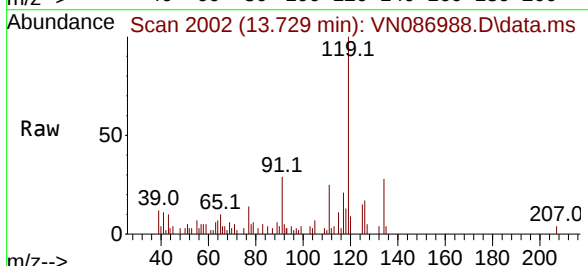
Tgt Ion:119 Resp: 15257

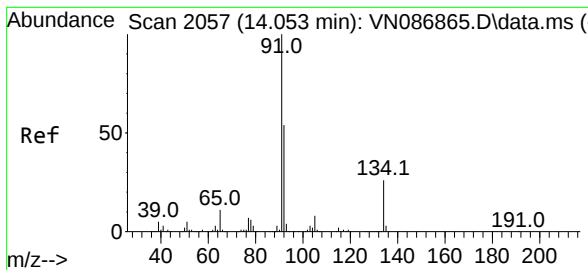
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 0.0 11.5 34.4#





#89

n-Butylbenzene

Concen: 5.213 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086988.D

Acq: 12 Jun 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605-A

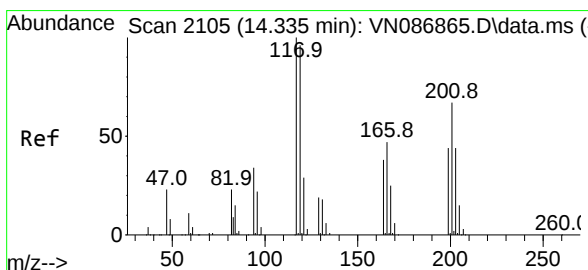
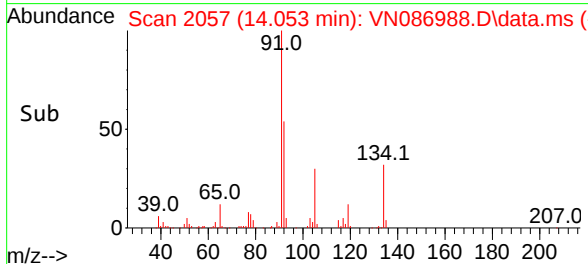
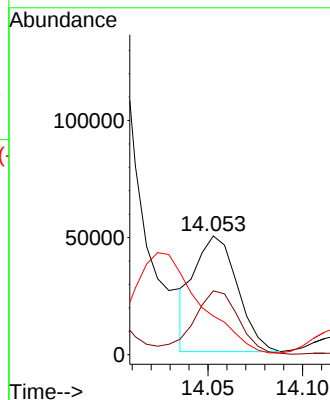
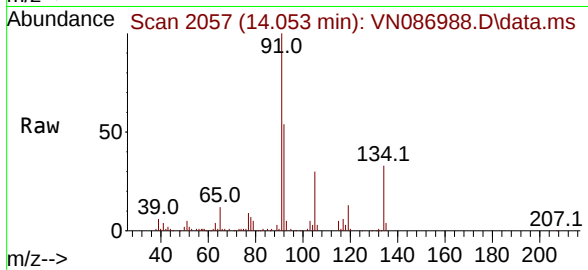
Tgt Ion: 91 Resp: 78347

Ion Ratio Lower Upper

91 100

92 57.8 27.5 82.4

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 25.751 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086988.D

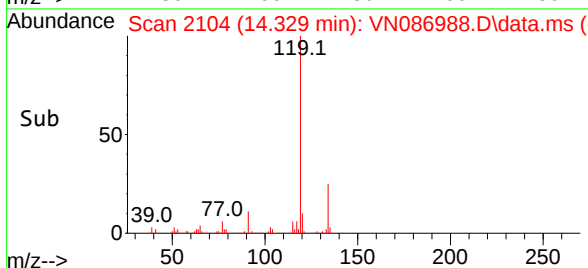
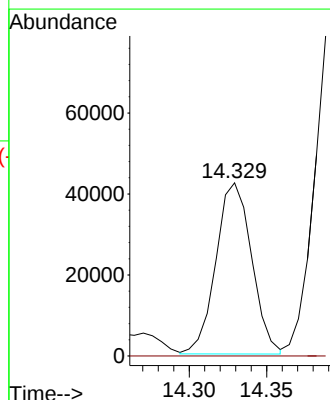
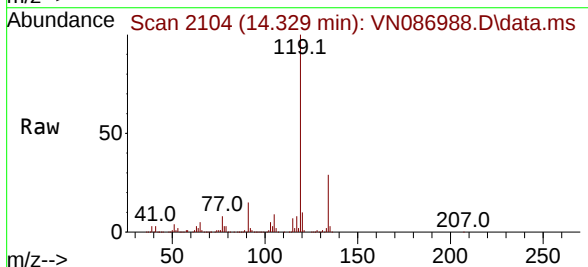
Acq: 12 Jun 2025 19:18

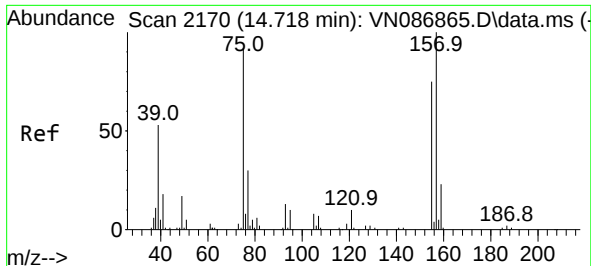
Tgt Ion: 117 Resp: 67723

Ion Ratio Lower Upper

117 100

201 0.0 33.2 99.6#

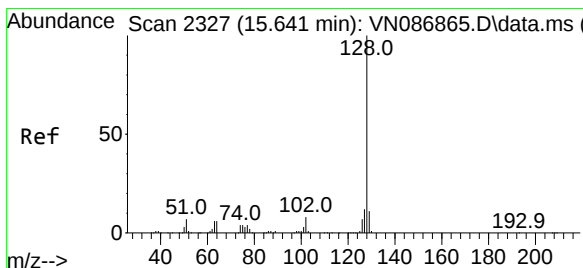
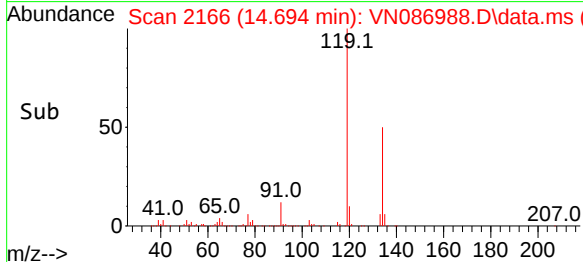
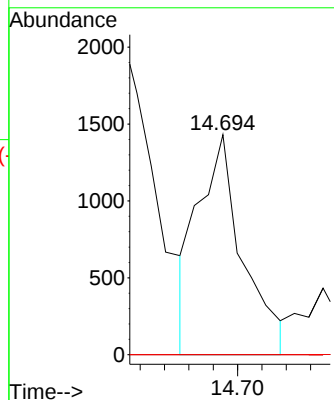
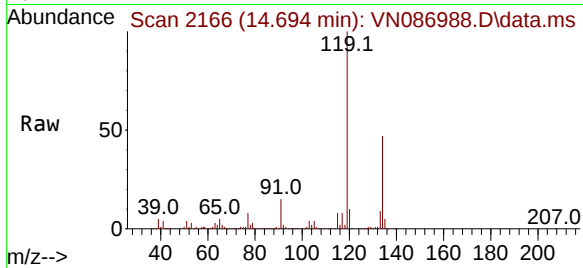




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.311 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.024 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605-A

Tgt Ion: 75 Resp: 1817
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.1 123.4#
 157 0.0 52.7 158.1#



#95
 Naphthalene
 Concen: 181.928 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. -0.006 min
 Lab File: VN086988.D
 Acq: 12 Jun 2025 19:18

Tgt Ion: 128 Resp: 3205726
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.8 8.8 13.2

