

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087107.D
 Acq On : 19 Jun 2025 13:38
 Operator : JC\MD
 Sample : Q2333-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Quant Time: Jun 20 01:24:10 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	260611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	470225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	201938	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182621	52.338	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.680%	
35) Dibromofluoromethane	8.177	113	159633	51.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	10.565	98	650422	52.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.847	95	215504	47.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.340%	

Target Compounds			Qvalue			
6) Chloroethane	3.154	64	985	0.441	ug/l #	55
11) Tert butyl alcohol	5.548	59	18017	19.030	ug/l	96
13) Acrolein	4.165	56	3675	12.263	ug/l #	1
14) Allyl chloride	5.189	41	5210	1.083	ug/l #	39
15) Acrylonitrile	5.818	53	5710	2.580	ug/l #	30
16) Acetone	4.448	43	19274	10.416	ug/l #	70
17) Carbon Disulfide	4.748	76	3388	0.422	ug/l #	75
18) Methyl Acetate	5.148	43	2026	0.376	ug/l #	49
19) Methyl tert-butyl Ether	5.812	73	137866	13.127	ug/l #	1
23) Vinyl Acetate	6.677	43	3931	0.459	ug/l #	69
25) 2-Butanone	7.494	43	7336	2.439	ug/l #	88
26) 2,2-Dichloropropane	7.330	77	3743	0.825	ug/l #	52
30) Chloroform	7.947	83	5439	0.933	ug/l #	17
31) Cyclohexane	8.265	56	180028	31.811	ug/l	91
36) 1,1-Dichloropropene	8.230	75	19637	4.242	ug/l #	48
37) Ethyl Acetate	7.494	43	7336	1.245	ug/l #	67
38) Carbon Tetrachloride	8.230	117	25642	5.642	ug/l #	16
39) Methylcyclohexane	9.606	83	130866	20.636	ug/l	95
40) Benzene	8.612	78	1339654	88.504	ug/l	100
41) Methacrylonitrile	7.836	41	1722	0.520	ug/l #	36
42) 1,2-Dichloroethane	8.612	62	9914	2.159	ug/l	91
43) Isopropyl Acetate	8.706	43	11071	1.171	ug/l #	59
45) 1,2-Dichloropropane	9.606	63	1362	0.370	ug/l #	1
47) Bromodichloromethane	9.877	83	1840	0.366	ug/l #	25
48) Methyl methacrylate	9.600	41	64168	14.741	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	2896	0.509	ug/l	88
52) Toluene	10.630	92	203519	22.001	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	12016	3.376	ug/l #	20
56) Ethyl methacrylate	10.918	69	2614	0.461	ug/l #	42
59) 2-Hexanone	11.247	43	6046	1.649	ug/l	89
65) Chlorobenzene	12.035	112	5410	0.522	ug/l #	53
67) Ethyl Benzene	11.965	91	9306781	520.985	ug/l	98
68) m/p-Xylenes	12.076	106	8208444	1200.368	ug/l	94
69) o-Xylene	12.394	106	3736770	570.561	ug/l	96
70) Styrene	12.394	104	178971	15.970	ug/l #	1
73) Isopropylbenzene	12.694	105	560609	38.107	ug/l	99

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 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)	

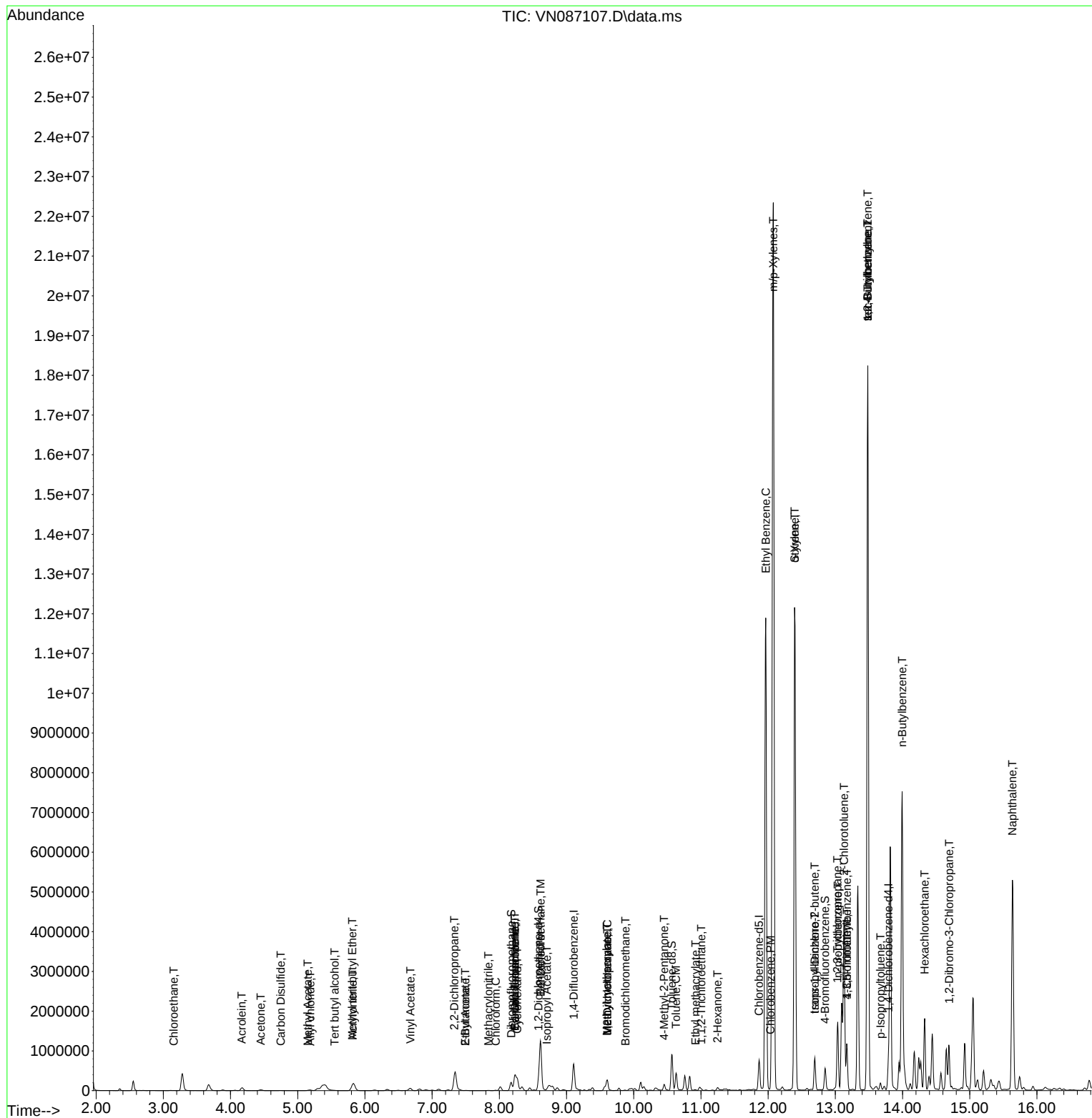
76) 1,2,3-Trichloropropane	13.029	75	8008	1.668	ug/l	#	1
78) n-propylbenzene	13.035	91	1423219	79.606	ug/l		98
79) 2-Chlorotoluene	13.129	91	322045	30.037	ug/l	#	42
80) 1,3,5-Trimethylbenzene	13.171	105	564715	46.494	ug/l		87
81) trans-1,4-Dichloro-2-b...	12.694	75	5939	2.848	ug/l	#	56
82) 4-Chlorotoluene	13.171	91	53915	4.970	ug/l	#	41
83) tert-Butylbenzene	13.482	119	1369948	123.218	ug/l	#	69
84) 1,2,4-Trimethylbenzene	13.482	105	10846826	890.576	ug/l		98
85) sec-Butylbenzene	13.482	105	10846826	671.798	ug/l	#	56
86) p-Isopropyltoluene	13.671	119	92870	6.958	ug/l	#	77
89) n-Butylbenzene	13.994	91	591296	45.738	ug/l	#	43
90) Hexachloroethane	14.329	117	91263	40.340	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.694	75	3952	3.316	ug/l	#	2
95) Naphthalene	15.635	128	5267267	347.493	ug/l		100

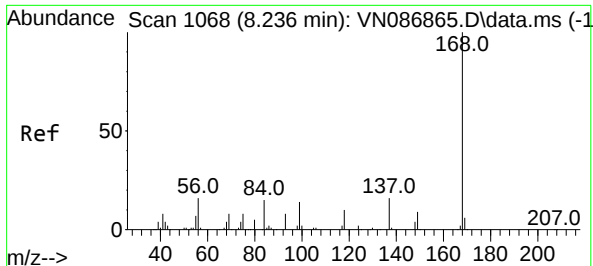
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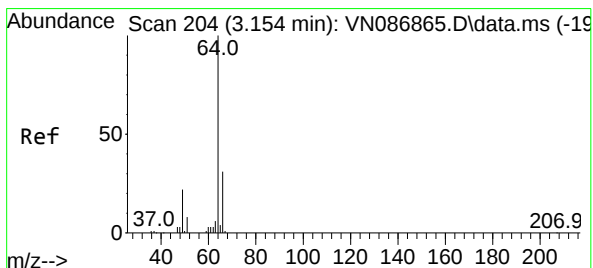
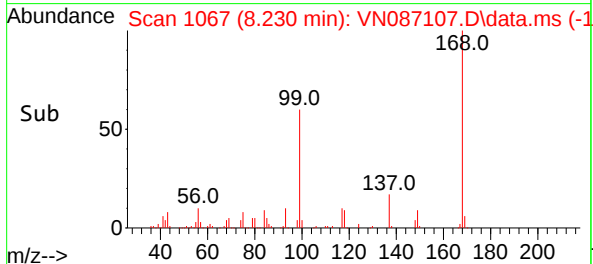
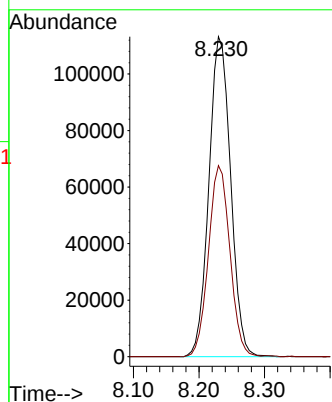
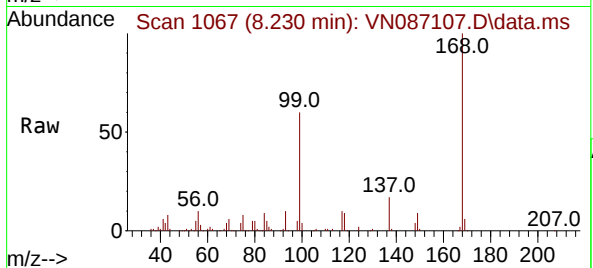




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

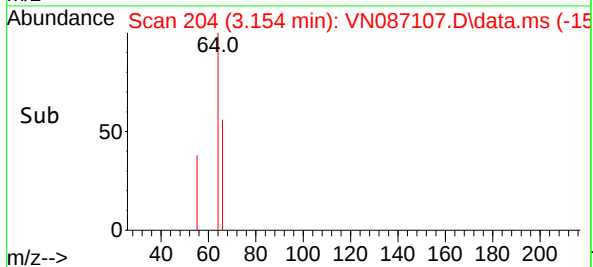
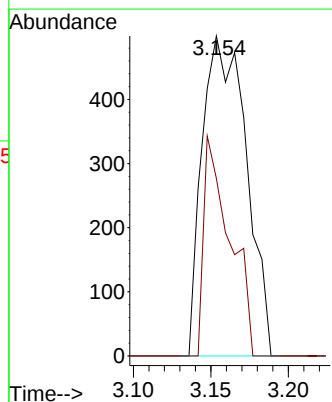
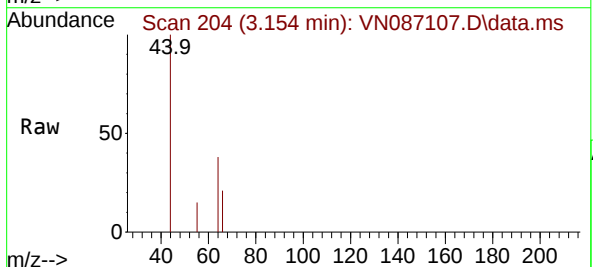
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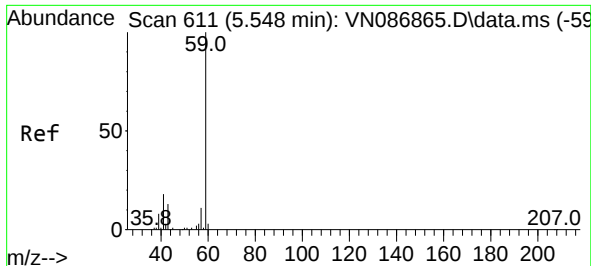
Tgt Ion:168 Resp: 260611
Ion Ratio Lower Upper
168 100
99 59.7 49.1 73.7



#6
Chloroethane
Concen: 0.441 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 64 Resp: 985
Ion Ratio Lower Upper
64 100
66 55.5 24.6 36.8#

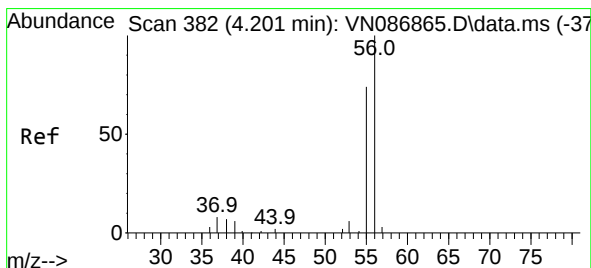
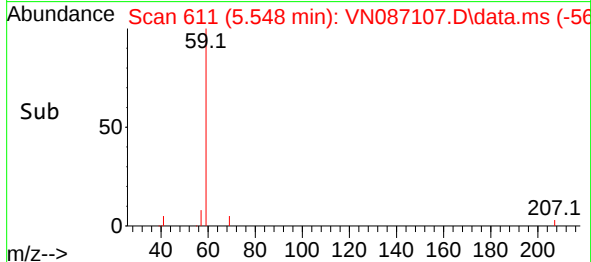
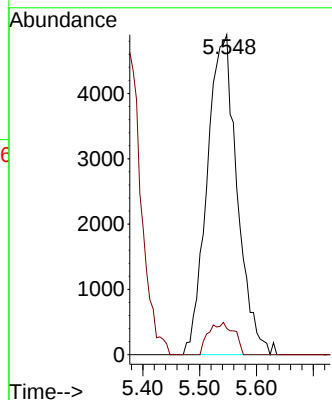
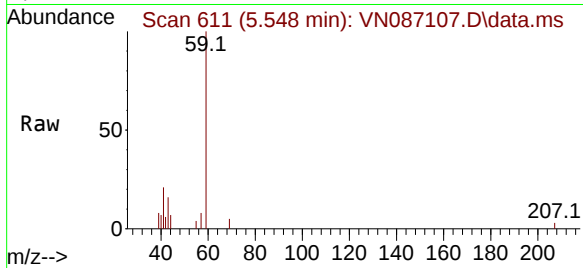




#11
Tert butyl alcohol
Concen: 19.030 ug/l
RT: 5.548 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

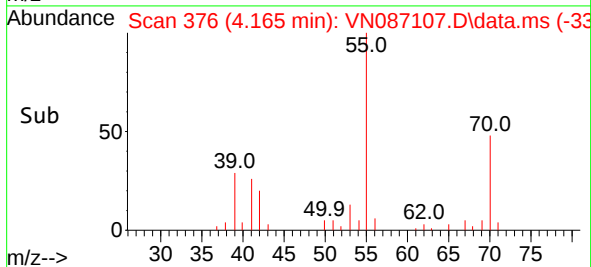
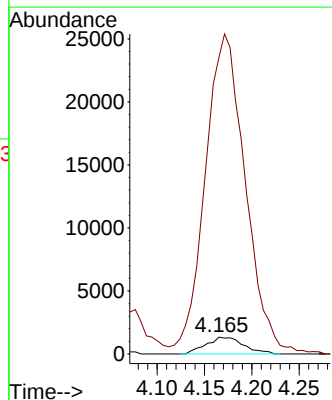
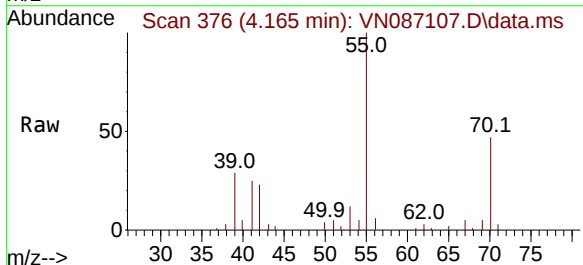
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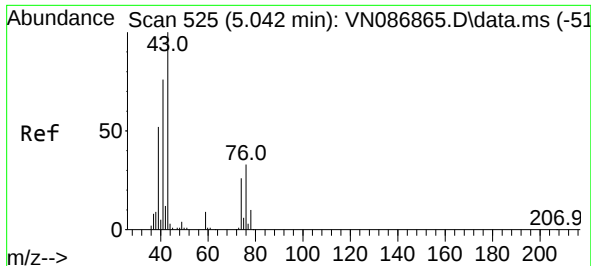
Tgt Ion: 59 Resp: 18017
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1



#13
Acrolein
Concen: 12.263 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.035 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 56 Resp: 3675
Ion Ratio Lower Upper
56 100
55 2042.2 55.6 83.4#

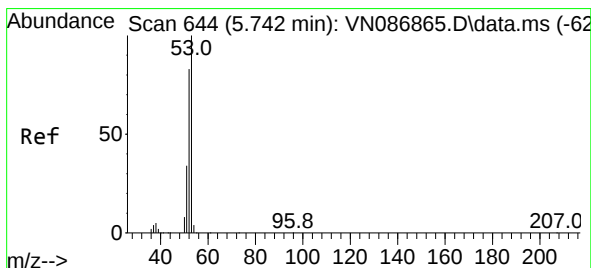
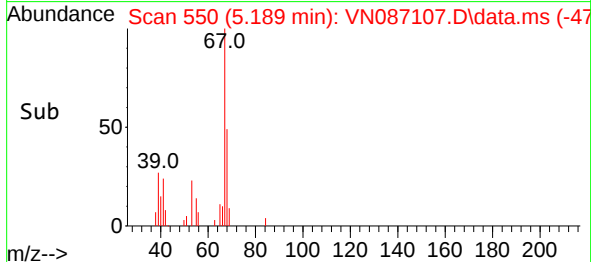
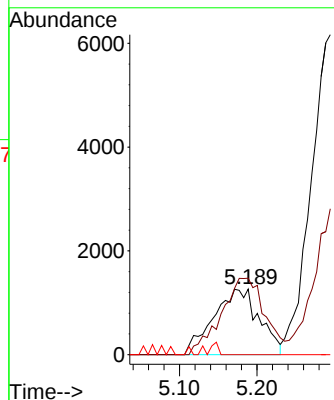
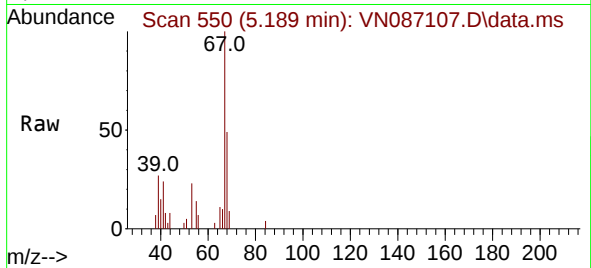




#14
 Allyl chloride
 Concen: 1.083 ug/l
 RT: 5.189 min Scan# 51
 Delta R.T. 0.147 min
 Lab File: VN087107.D
 Acq: 19 Jun 2025 13:38

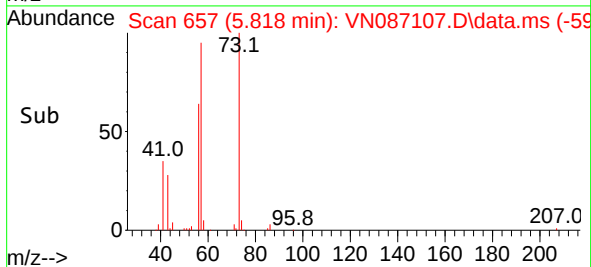
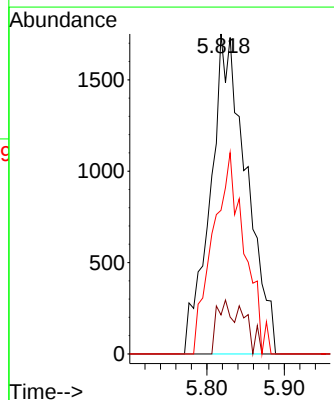
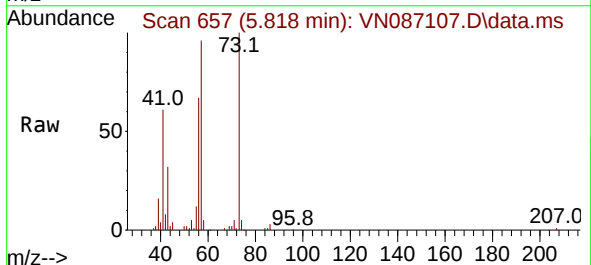
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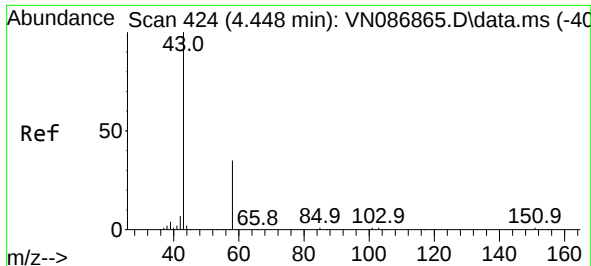
Tgt Ion: 41 Resp: 5210
 Ion Ratio Lower Upper
 41 100
 39 110.9 51.3 76.9#
 76 0.0 31.4 47.0#



#15
 Acrylonitrile
 Concen: 2.580 ug/l
 RT: 5.818 min Scan# 657
 Delta R.T. 0.076 min
 Lab File: VN087107.D
 Acq: 19 Jun 2025 13:38

Tgt Ion: 53 Resp: 5710
 Ion Ratio Lower Upper
 53 100
 52 7.1 65.0 97.6#
 51 55.0 27.2 40.8#

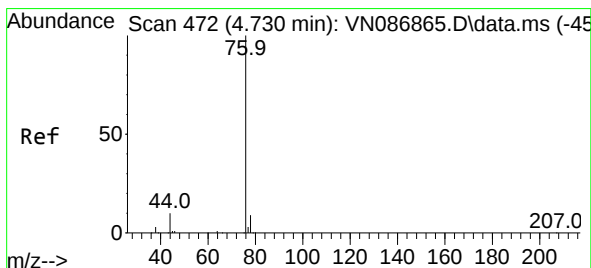
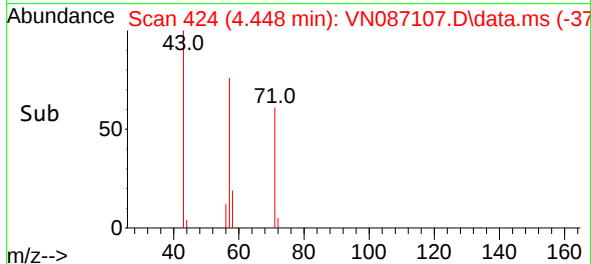
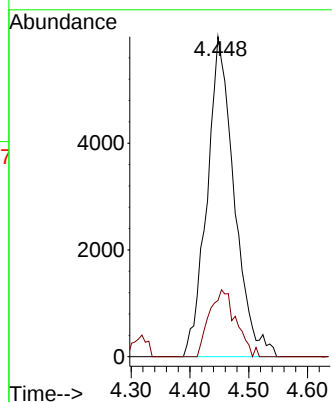
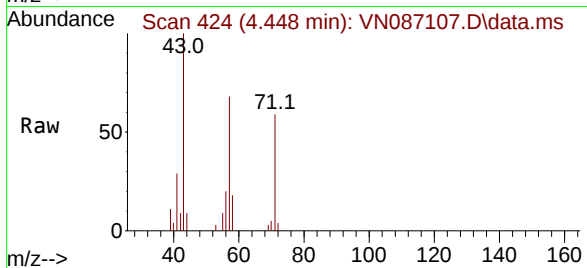




#16
Acetone
Concen: 10.416 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

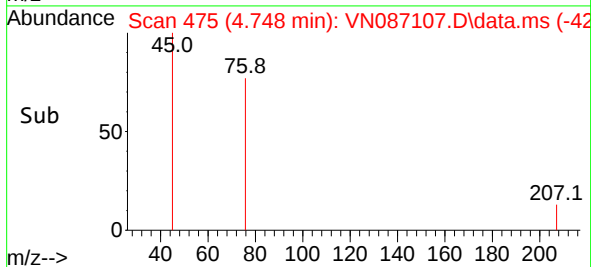
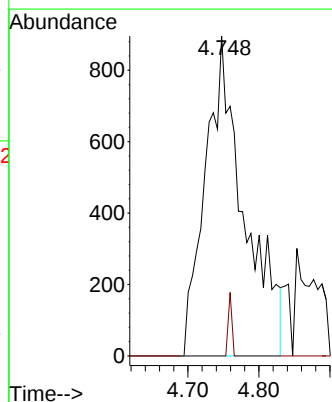
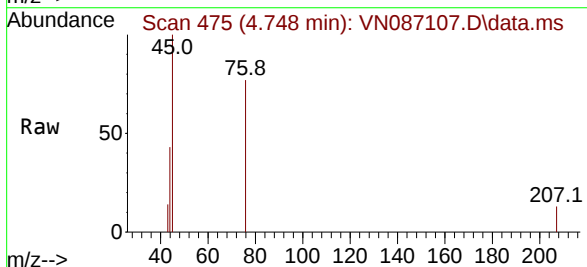
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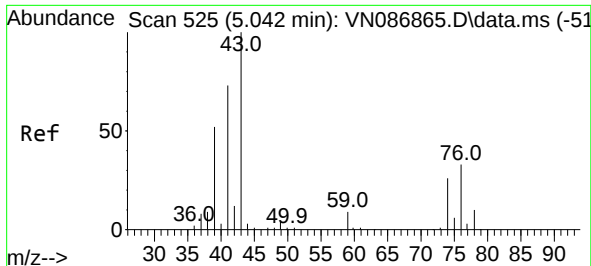
Tgt Ion: 43 Resp: 19274
Ion Ratio Lower Upper
43 100
58 17.5 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 4.748 min Scan# 475
Delta R.T. 0.018 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 76 Resp: 3388
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

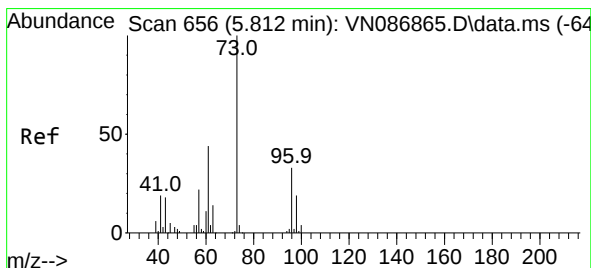
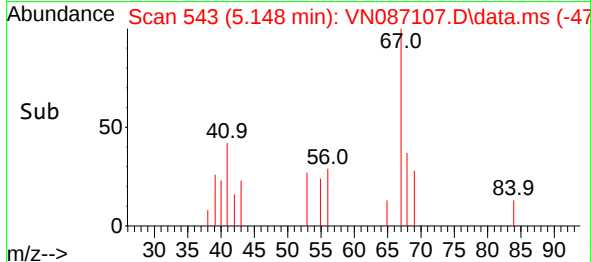
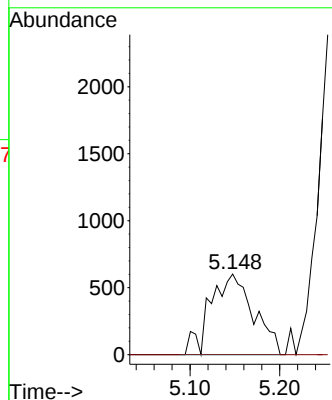
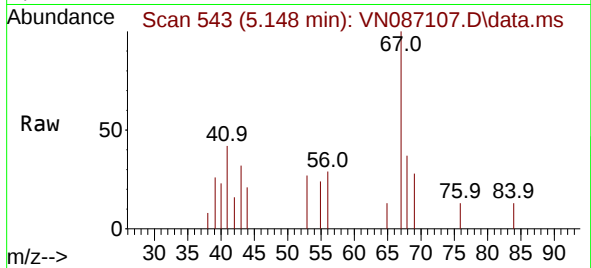




#18
Methyl Acetate
Concen: 0.376 ug/l
RT: 5.148 min Scan# 543
Delta R.T. 0.106 min
Lab File: VN087107.D
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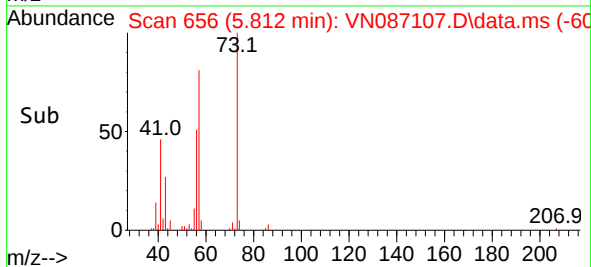
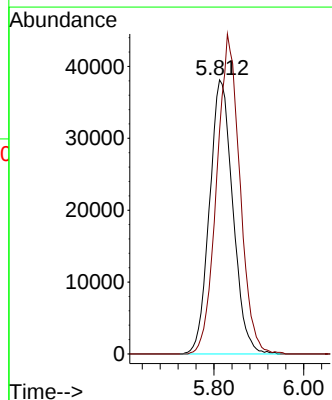
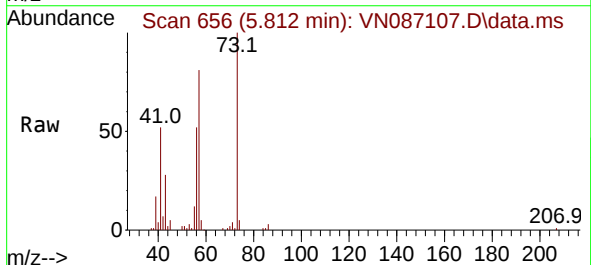
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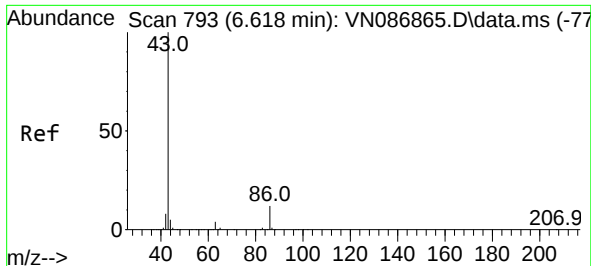
Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#19
Methyl tert-butyl Ether
Concen: 13.127 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 73 Resp: 137866
Ion Ratio Lower Upper
73 100
57 81.5 17.4 26.2#

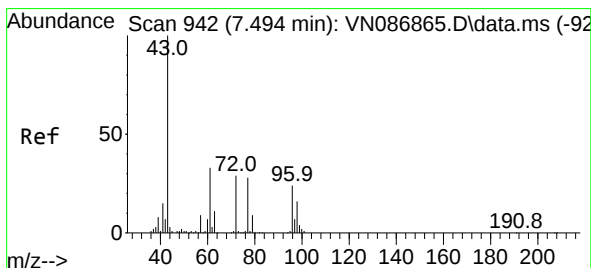
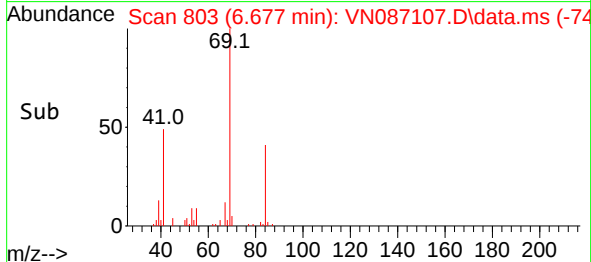
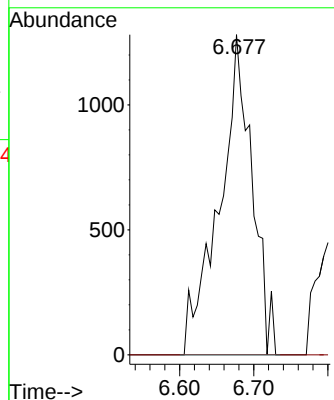
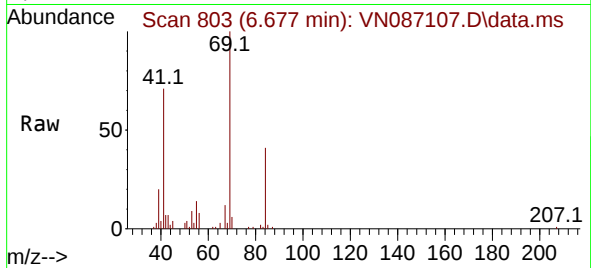




#23
 Vinyl Acetate
 Concen: 0.459 ug/l
 RT: 6.677 min Scan# 803
 Delta R.T. 0.059 min
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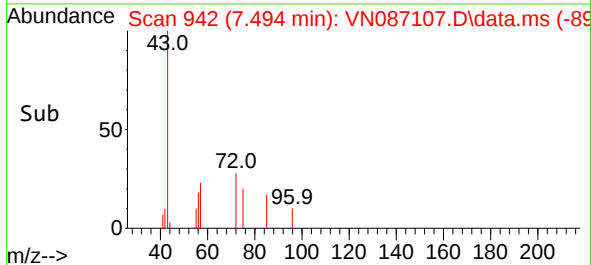
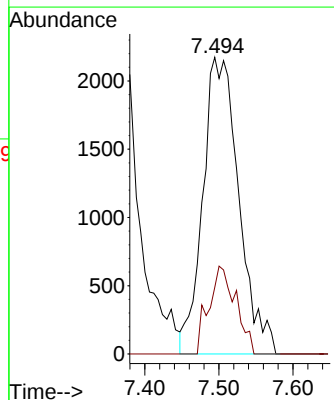
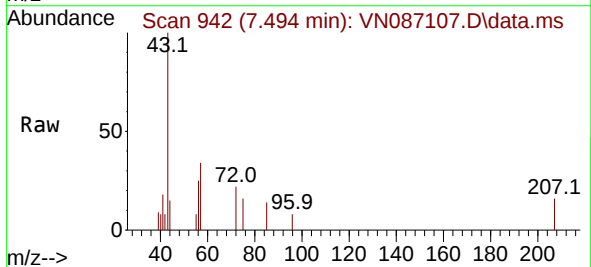
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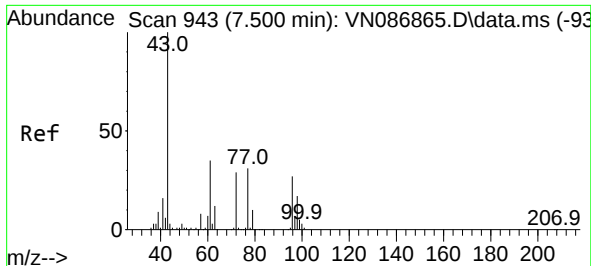
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 Ion Ratio Lower Upper
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 86 0.0 9.5 14.3#



#25
 2-Butanone
 Concen: 2.439 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087107.D
 Acq: 19 Jun 2025 13:38

Tgt Ion: 43 Resp: 7336
 Ion Ratio Lower Upper
 43 100
 72 22.5 23.0 34.6#

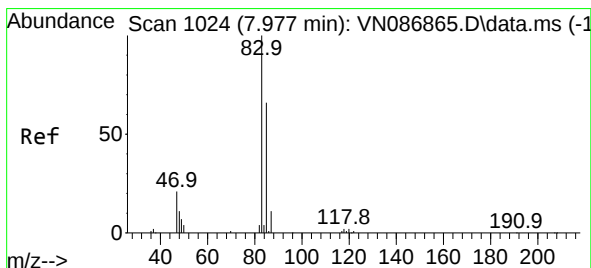
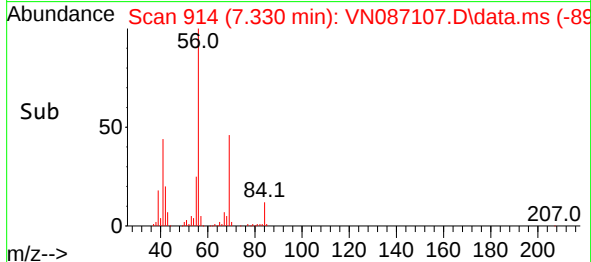
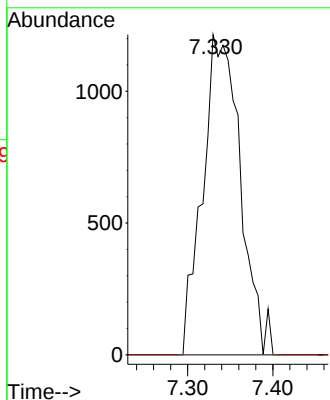
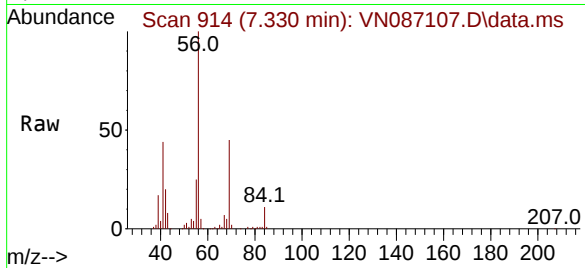




#26
2,2-Dichloropropane
Concen: 0.825 ug/l
RT: 7.330 min Scan# 914
Delta R.T. -0.171 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

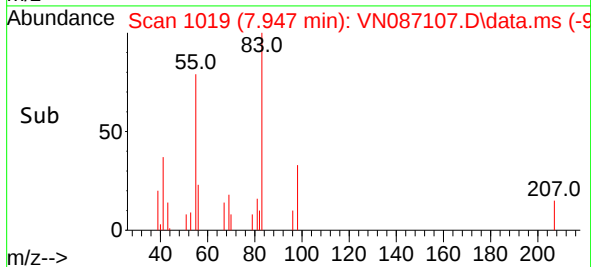
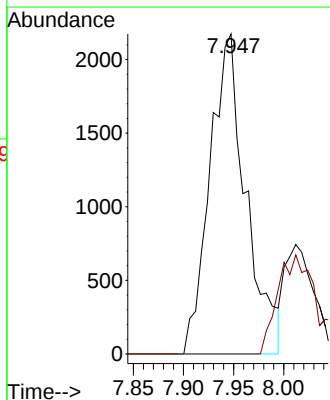
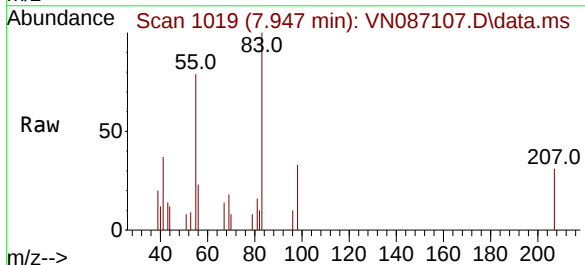
Instrument :
MSVOA_N
ClientSampleId :
MW-08

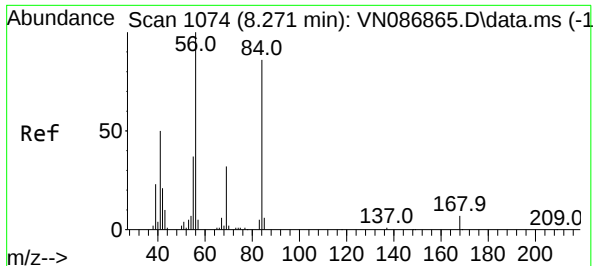
Tgt Ion: 77 Resp: 3743
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#30
Chloroform
Concen: 0.933 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.029 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 83 Resp: 5439
Ion Ratio Lower Upper
83 100
85 0.0 52.9 79.3#

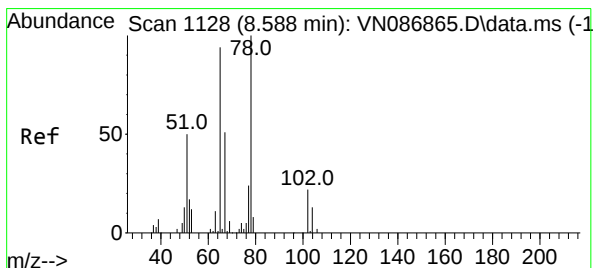
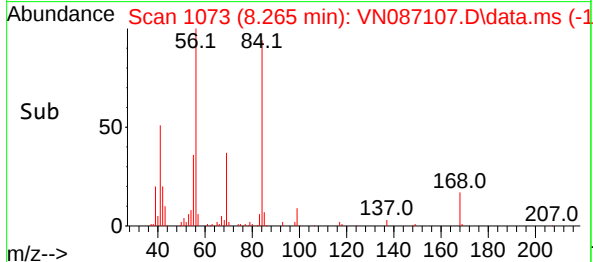
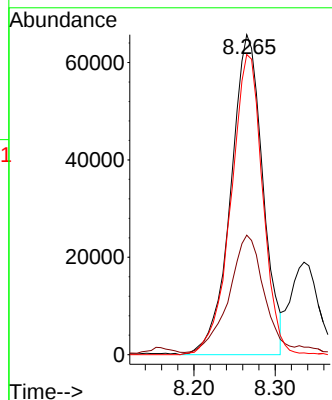
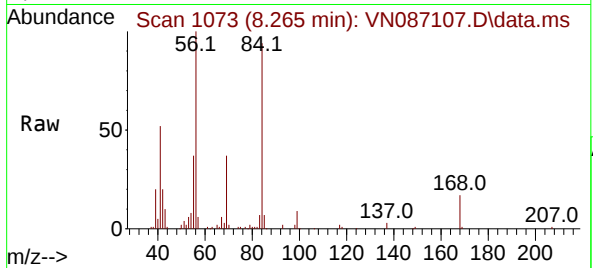




#31
Cyclohexane
Concen: 31.811 ug/l
RT: 8.265 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

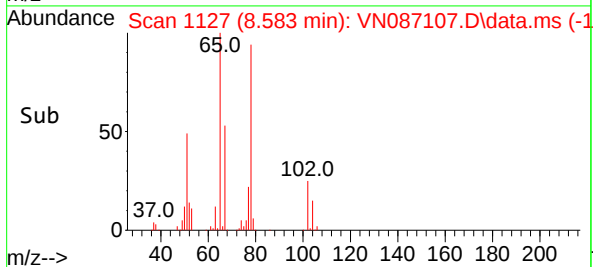
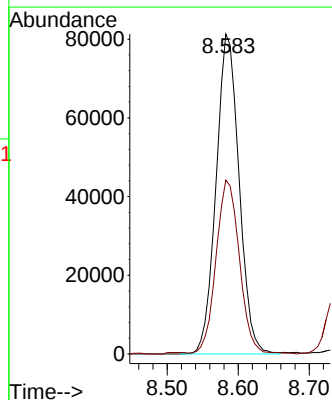
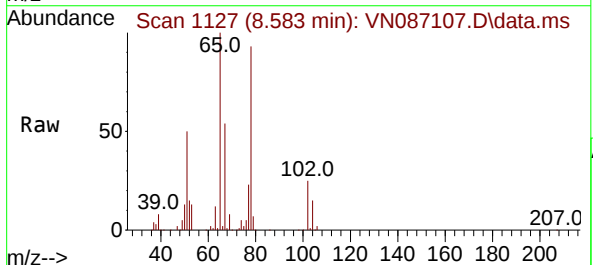
Instrument :
MSVOA_N
ClientSampleId :
MW-08

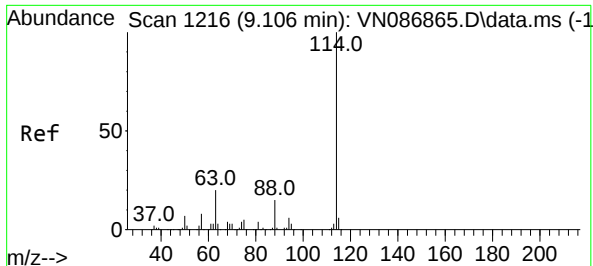
Tgt Ion: 56 Resp: 180028
Ion Ratio Lower Upper
56 100
69 36.6 25.4 38.0
84 93.8 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 52.338 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 65 Resp: 182621
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

MW-08

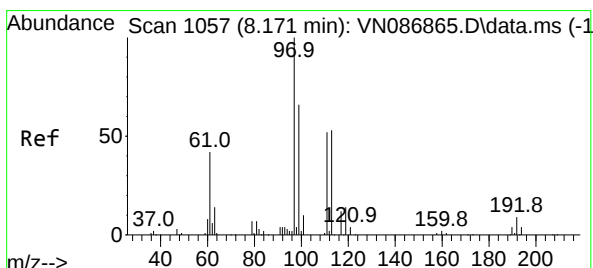
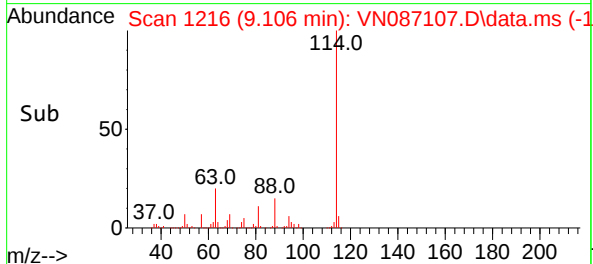
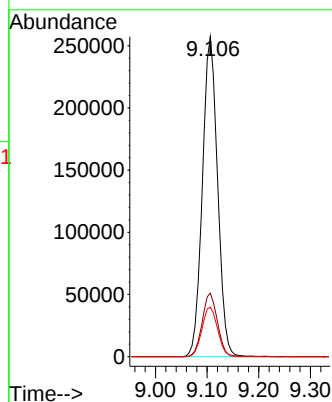
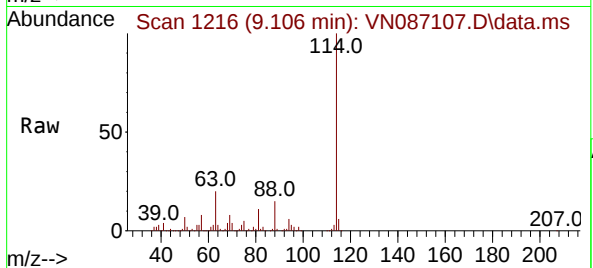
Tgt Ion:114 Resp: 524185

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.388 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

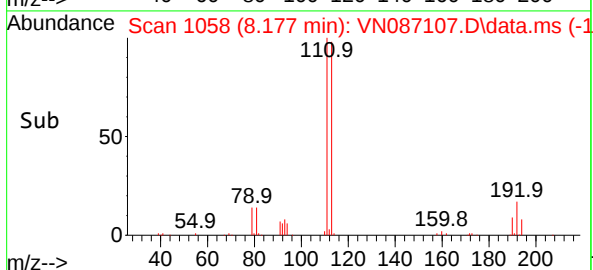
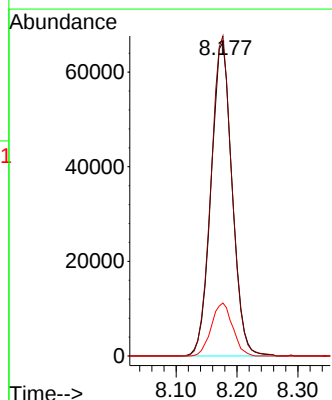
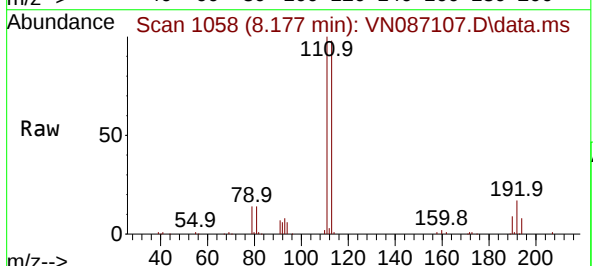
Tgt Ion:113 Resp: 159633

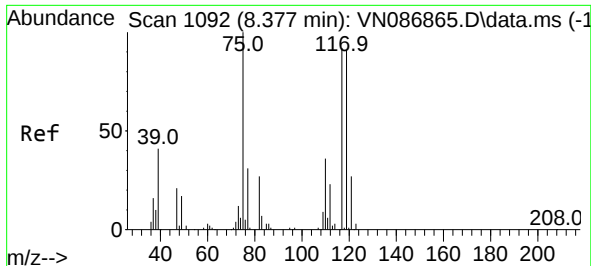
Ion Ratio Lower Upper

113 100

111 101.1 84.2 126.2

192 17.0 14.2 21.4

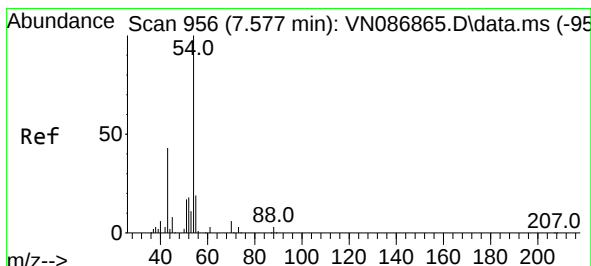
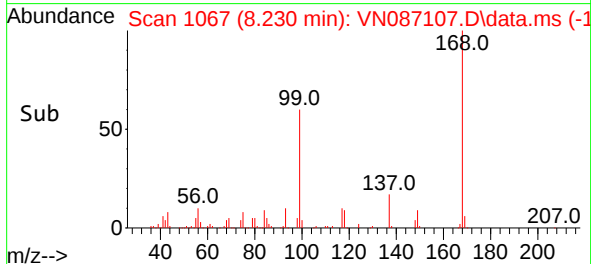
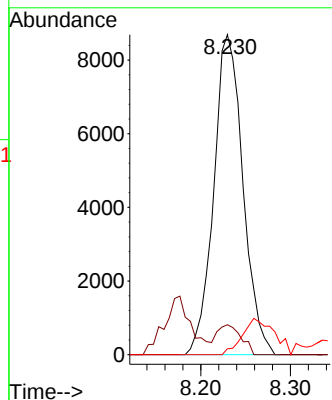
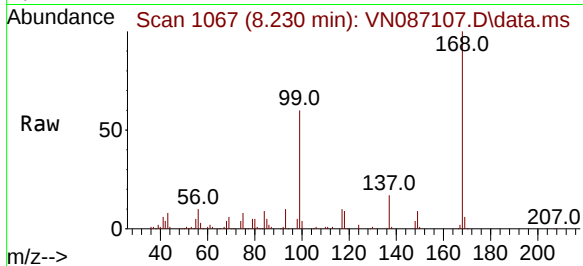




#36
1,1-Dichloropropene
Concen: 4.242 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

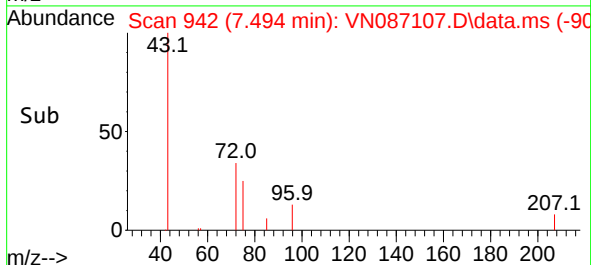
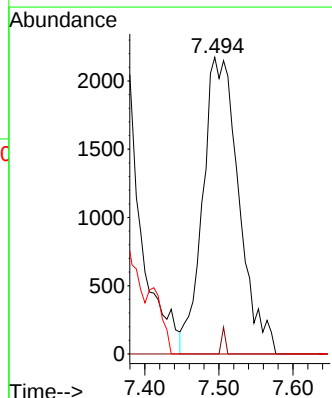
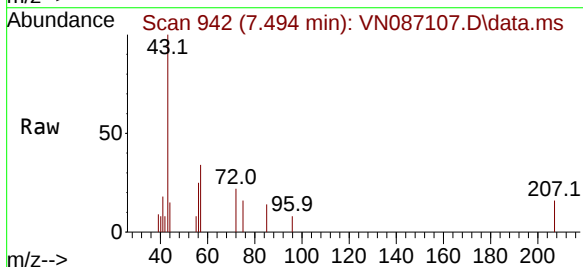
Instrument :
MSVOA_N
ClientSampleId :
MW-08

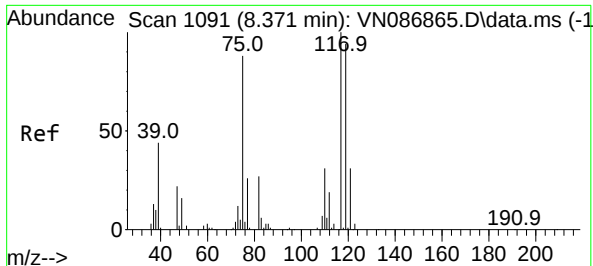
Tgt Ion: 75 Resp: 19637
Ion Ratio Lower Upper
75 100
110 7.6 17.6 52.9#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.245 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.082 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
61 0.9 12.1 18.1#
70 0.0 9.8 14.6#

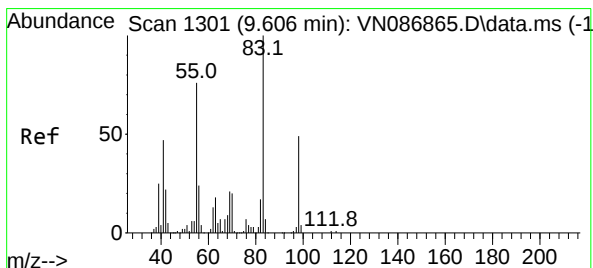
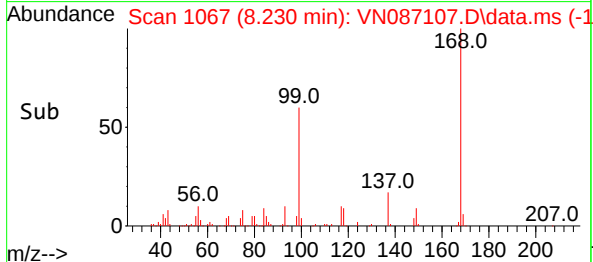
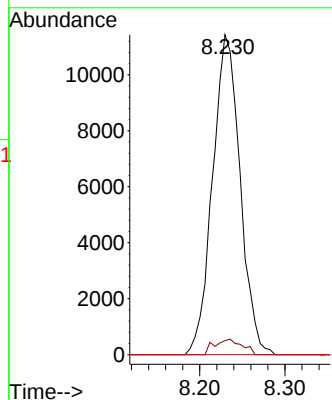
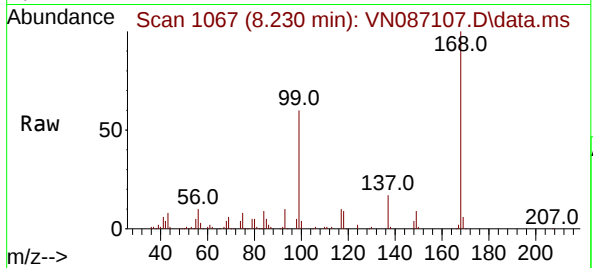




#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

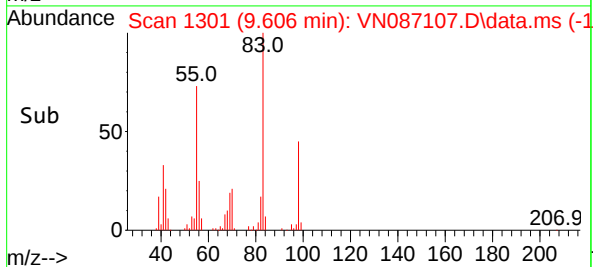
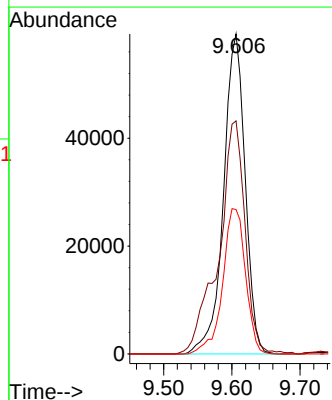
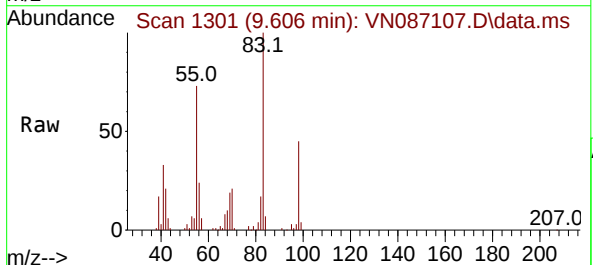
Instrument :
MSVOA_N
ClientSampleId :
MW-08

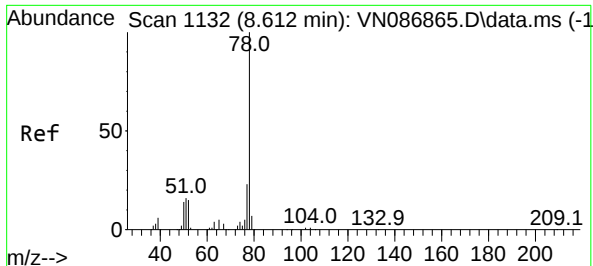
Tgt Ion:117 Resp: 25642
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 20.636 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 83 Resp: 130866
Ion Ratio Lower Upper
83 100
55 72.4 61.0 91.6
98 45.2 38.9 58.3

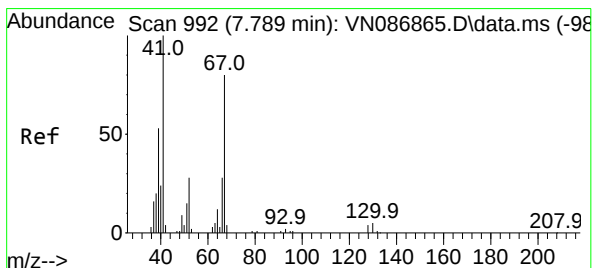
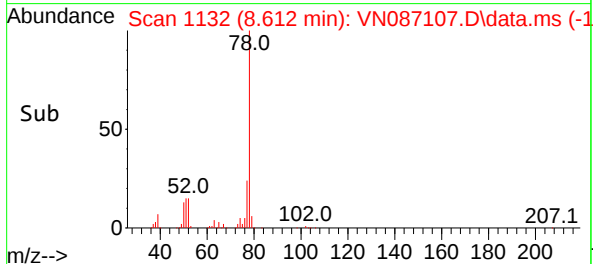
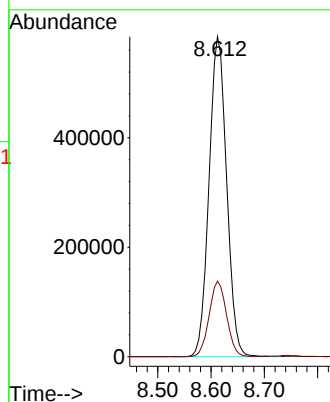
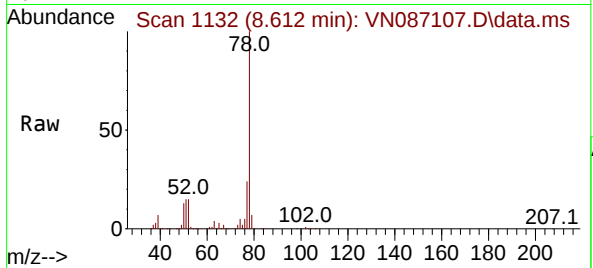




#40
Benzene
Concen: 88.504 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

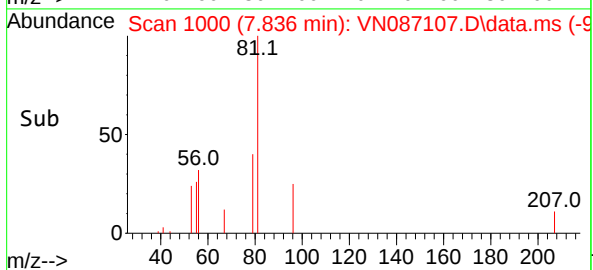
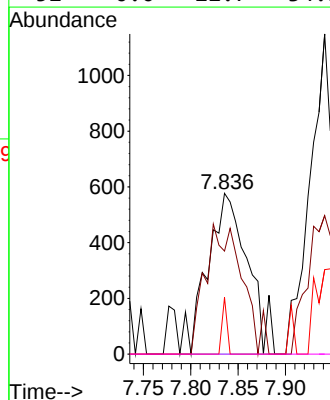
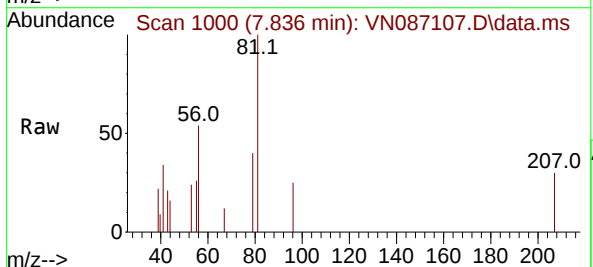
Instrument :
MSVOA_N
ClientSampleId :
MW-08

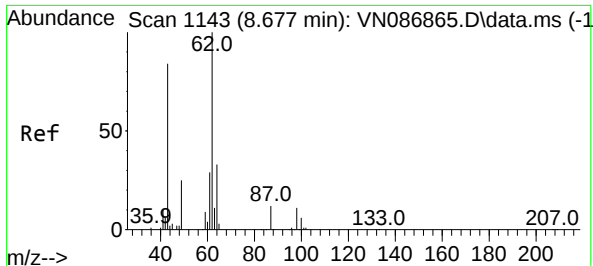
Tgt Ion: 78 Resp: 1339654
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



#41
Methacrylonitrile
Concen: 0.520 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.047 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 41 Resp: 1722
Ion Ratio Lower Upper
41 100
39 73.8 41.2 61.8#
67 0.0 61.4 92.2#
52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 2.159 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.065 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

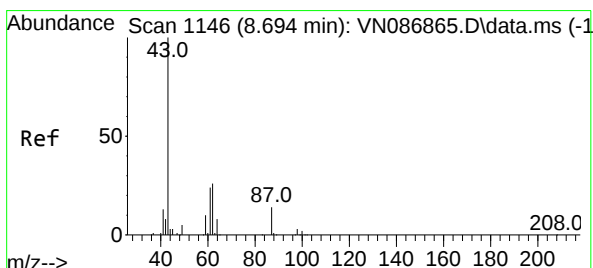
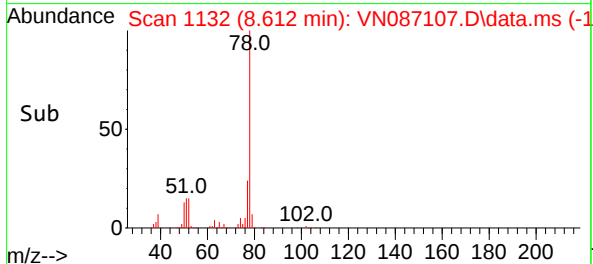
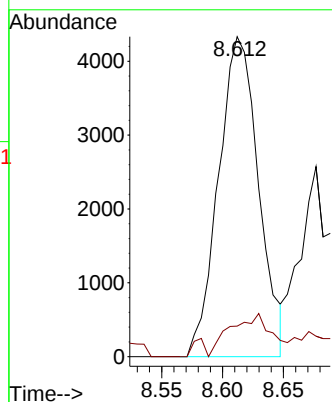
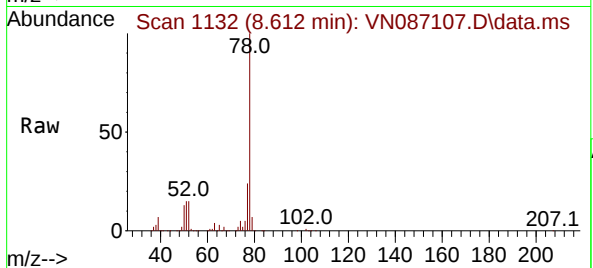
MW-08

Tgt Ion: 62 Resp: 9914

Ion Ratio Lower Upper

62 100

98 14.0 0.0 21.2



#43

Isopropyl Acetate

Concen: 1.171 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

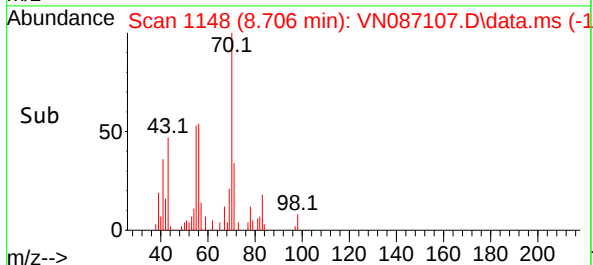
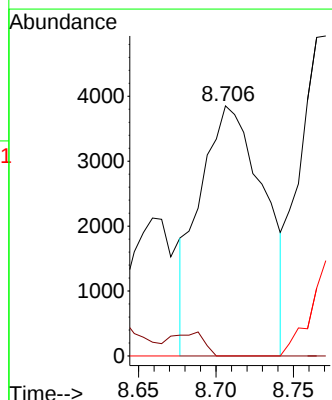
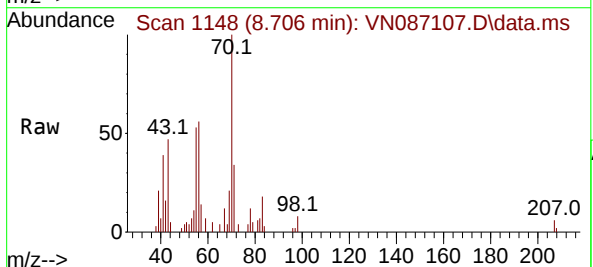
Tgt Ion: 43 Resp: 11071

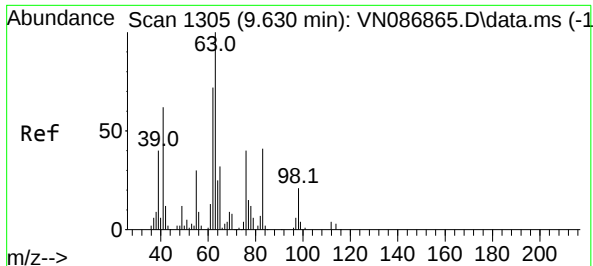
Ion Ratio Lower Upper

43 100

61 4.7 22.1 33.1#

87 0.0 11.8 17.6#





#45

1,2-Dichloropropane

Concen: 0.370 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.024 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

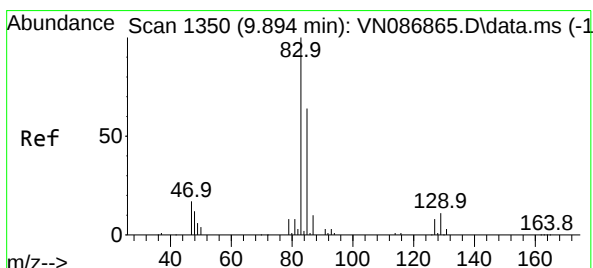
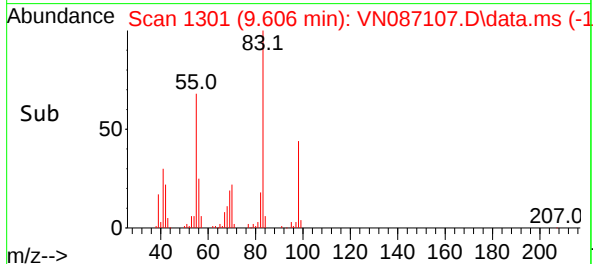
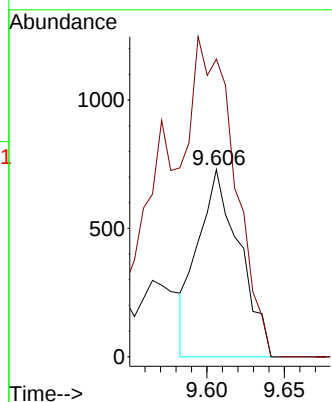
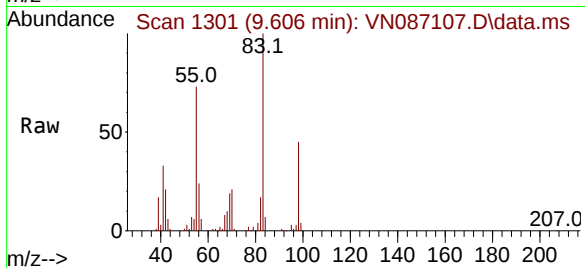
MW-08

Tgt Ion: 63 Resp: 1362

Ion Ratio Lower Upper

63 100

65 159.1 25.5 38.3#



#47

Bromodichloromethane

Concen: 0.366 ug/l

RT: 9.877 min Scan# 1347

Delta R.T. -0.018 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

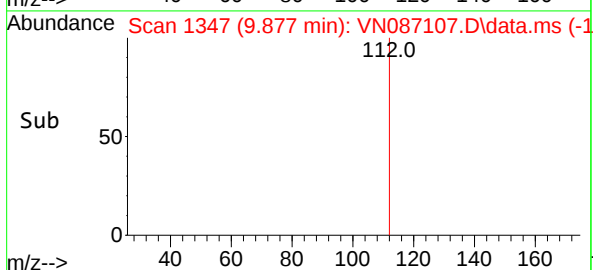
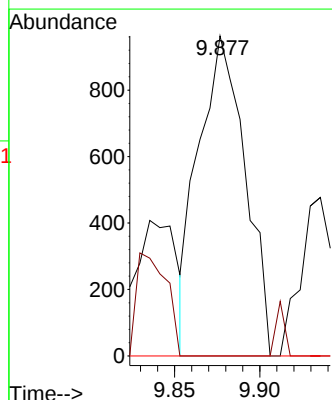
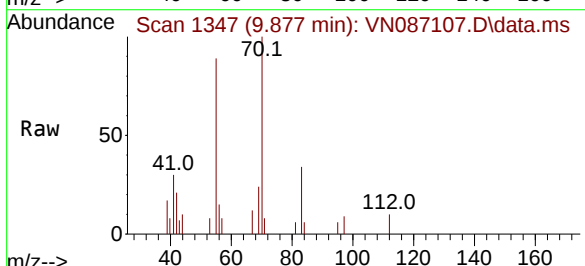
Tgt Ion: 83 Resp: 1840

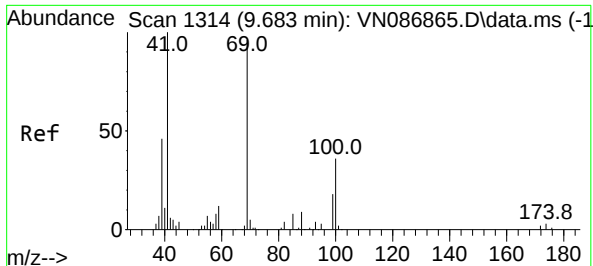
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 6.6 10.0#

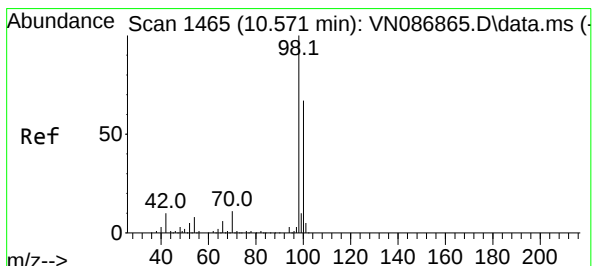
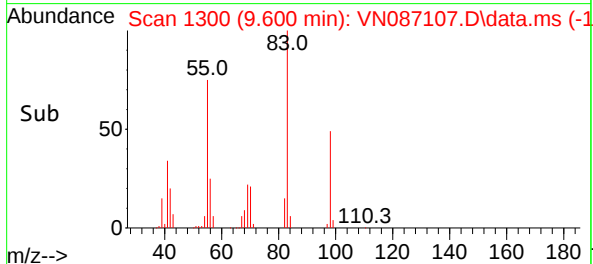
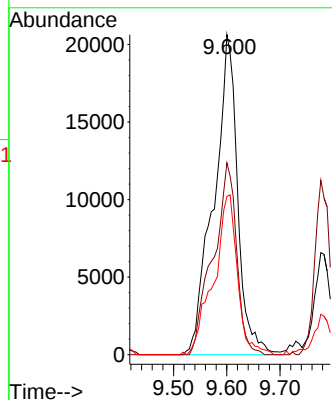
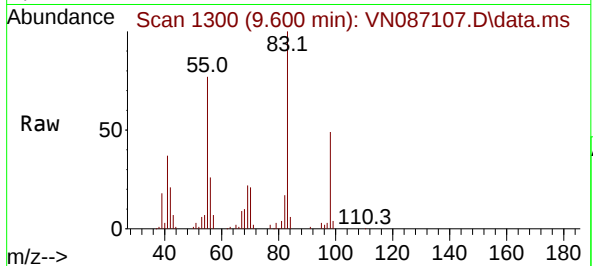




#48
Methyl methacrylate
Concen: 14.741 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

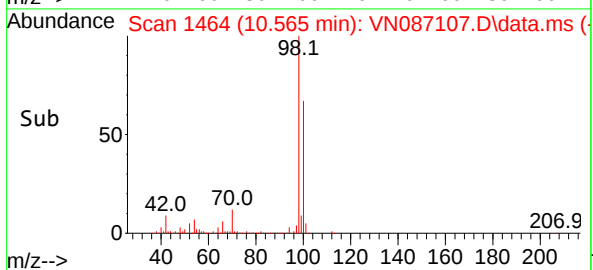
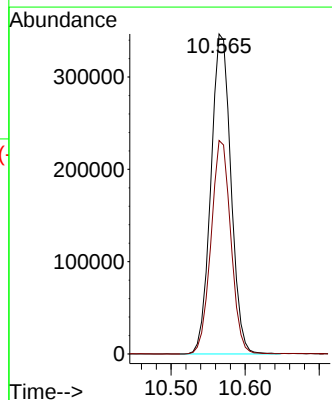
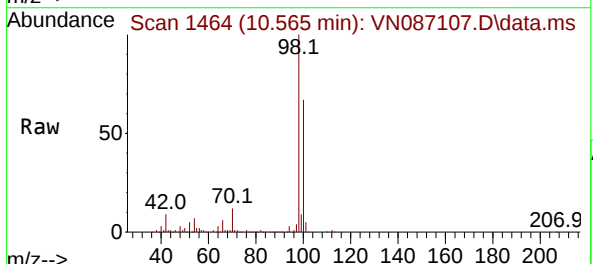
Instrument :
MSVOA_N
ClientSampleId :
MW-08

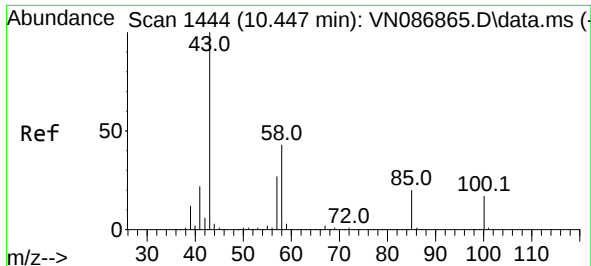
Tgt Ion: 41 Resp: 64168
Ion Ratio Lower Upper
41 100
69 59.2 74.6 112.0#
39 49.9 40.2 60.4



#50
Toluene-d8
Concen: 52.890 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 98 Resp: 650422
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 10.453 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

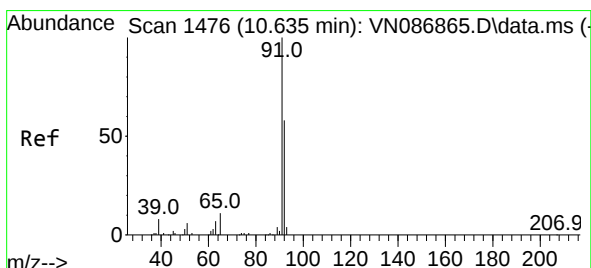
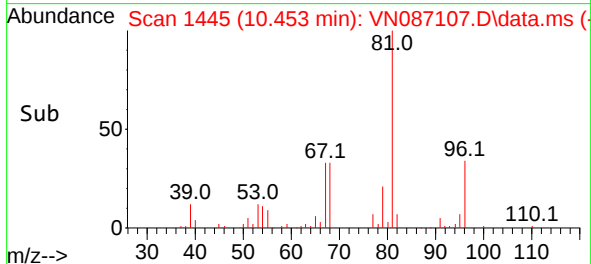
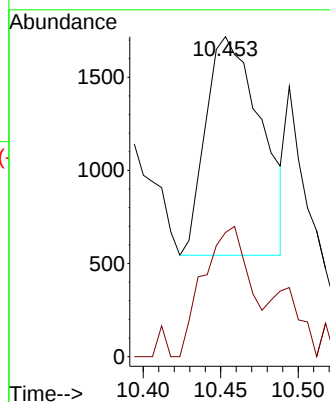
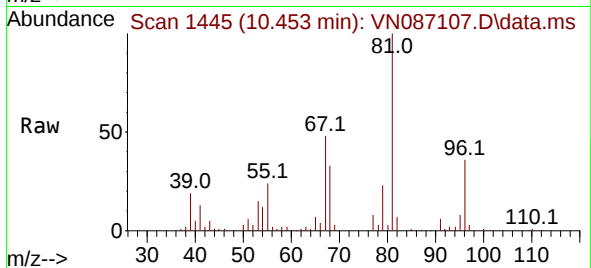
MW-08

Tgt Ion: 43 Resp: 2896

Ion Ratio Lower Upper

43 100

58 50.3 34.2 51.4



#52

Toluene

Concen: 22.001 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN087107.D

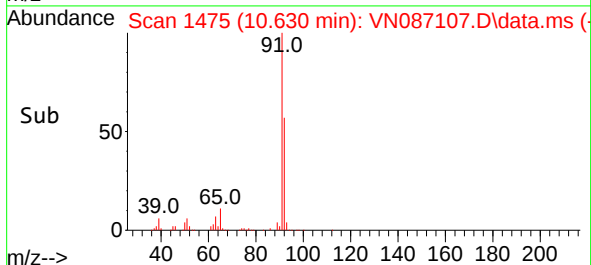
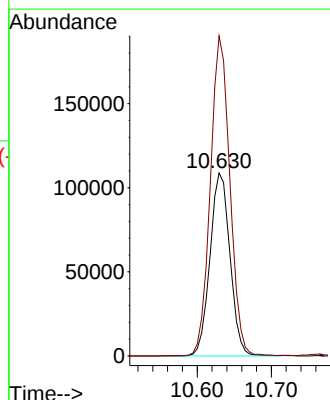
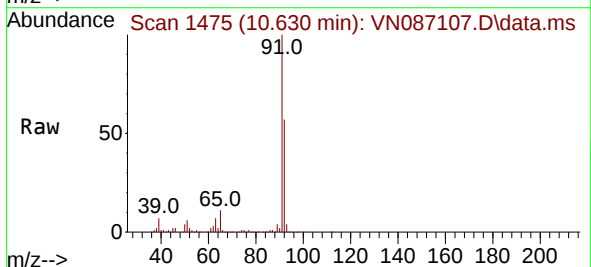
Acq: 19 Jun 2025 13:38

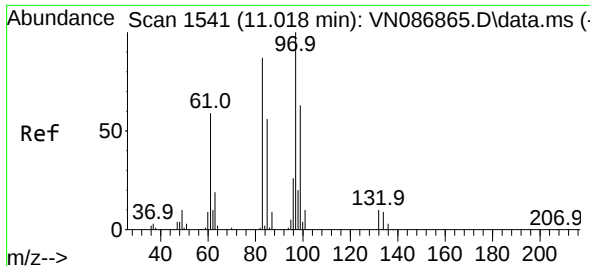
Tgt Ion: 92 Resp: 203519

Ion Ratio Lower Upper

92 100

91 171.5 136.5 204.7

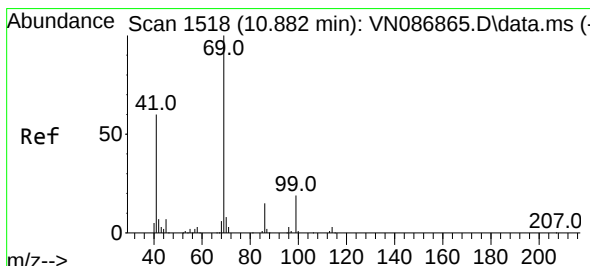
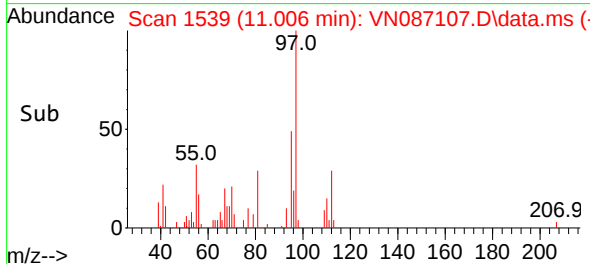
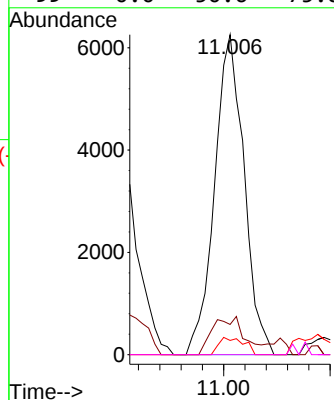
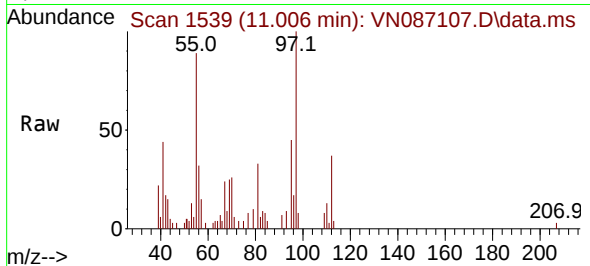




#55
1,1,2-Trichloroethane
Concen: 3.376 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

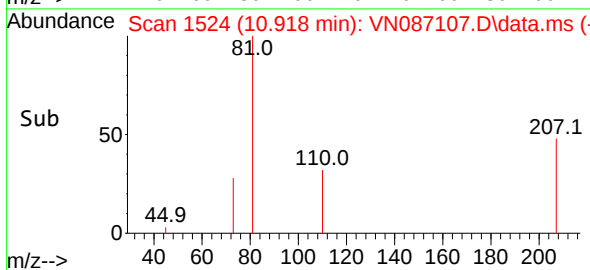
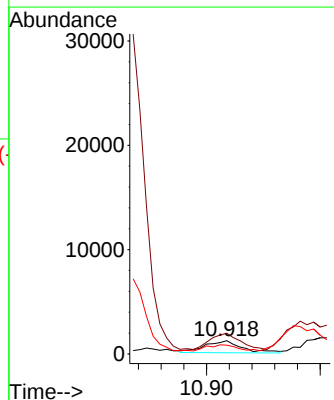
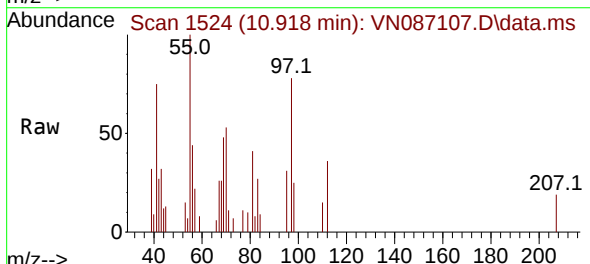
Instrument :
MSVOA_N
ClientSampleId :
MW-08

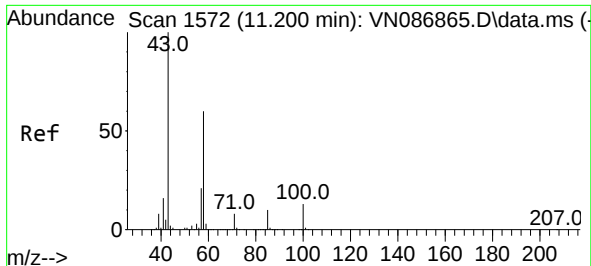
Tgt Ion: 97	Resp:	12016
Ion	Ratio	Lower Upper
97	100	
83	9.4	69.7 104.5#
85	4.4	45.1 67.7#
99	0.0	50.6 75.8#



#56
Ethyl methacrylate
Concen: 0.461 ug/l
RT: 10.918 min Scan# 1524
Delta R.T. 0.035 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 69	Resp:	2614
Ion	Ratio	Lower Upper
69	100	
41	108.2	47.2 70.8#
39	50.8	23.0 34.6#

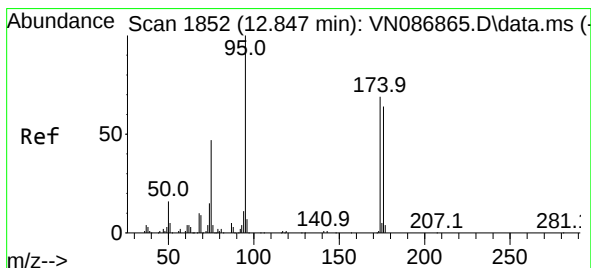
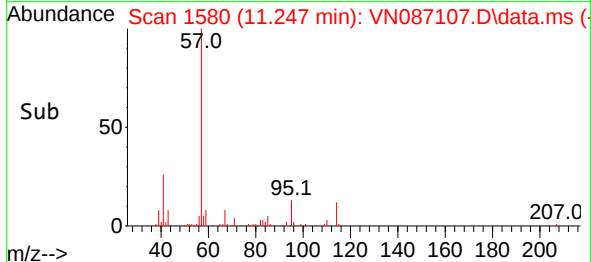
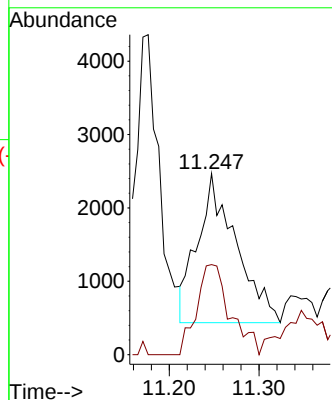
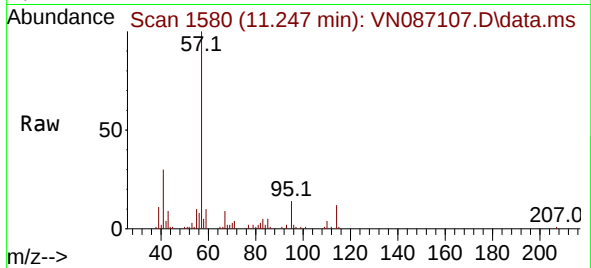




#59
2-Hexanone
Concen: 1.649 ug/l
RT: 11.247 min Scan# 11580
Delta R.T. 0.047 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

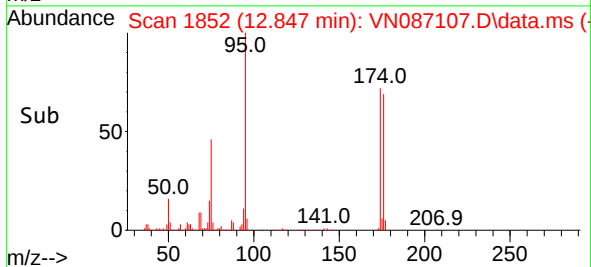
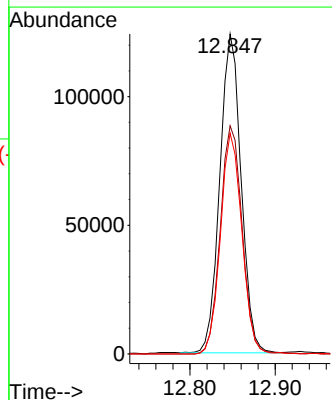
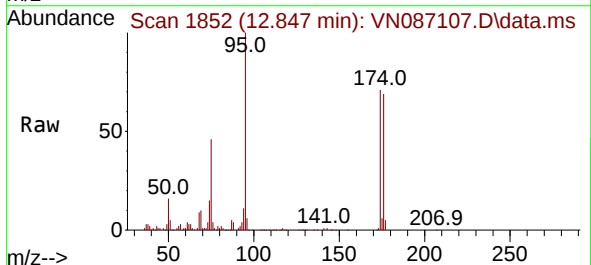
Instrument :
MSVOA_N
ClientSampleId :
MW-08

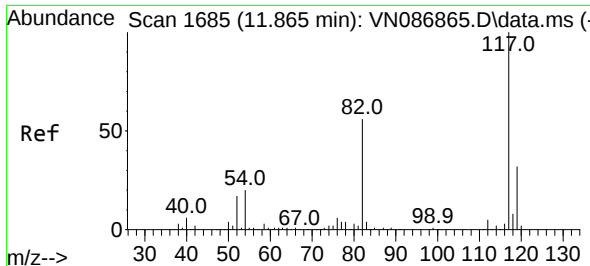
Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
58 52.7 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 47.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 95 Resp: 215504
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 69.4 0.0 132.6

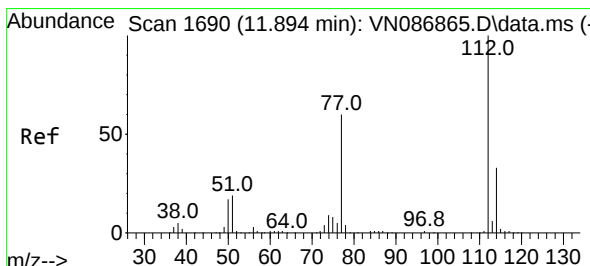
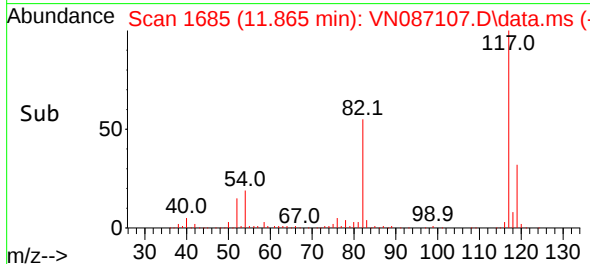
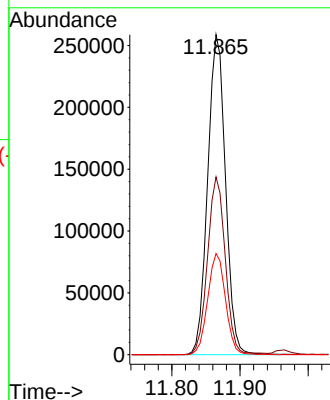
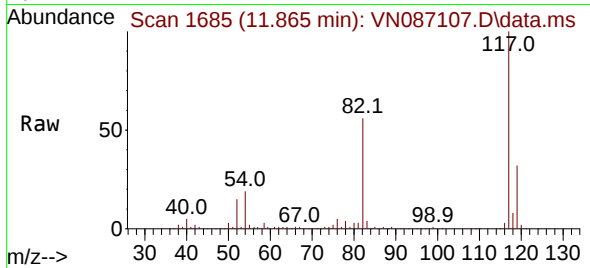




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

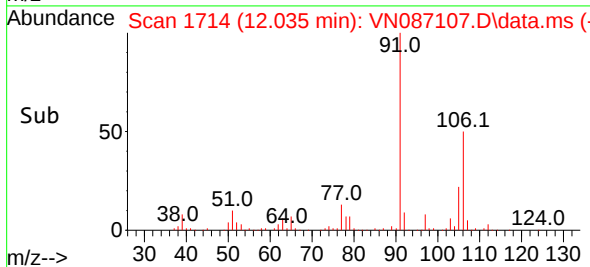
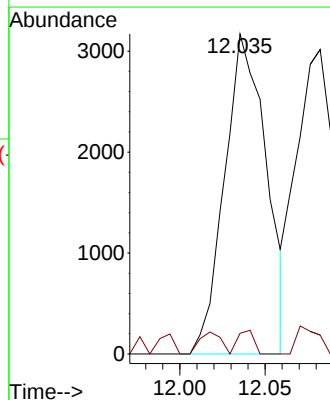
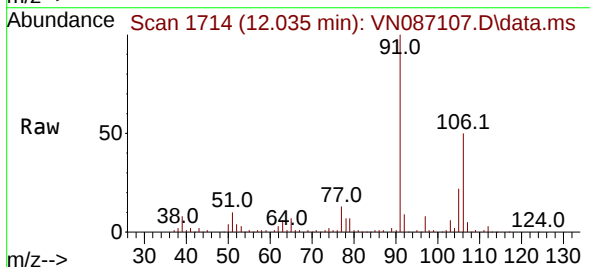
Instrument :
MSVOA_N
ClientSampleId :
MW-08

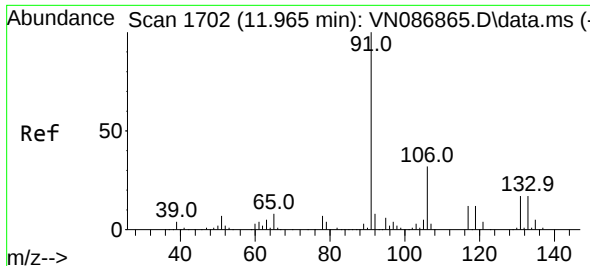
Tgt Ion:117 Resp: 470225
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.6 25.5 38.3



#65
Chlorobenzene
Concen: 0.522 ug/l
RT: 12.035 min Scan# 1714
Delta R.T. 0.141 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion:112 Resp: 5410
Ion Ratio Lower Upper
112 100
114 6.4 26.2 39.2#

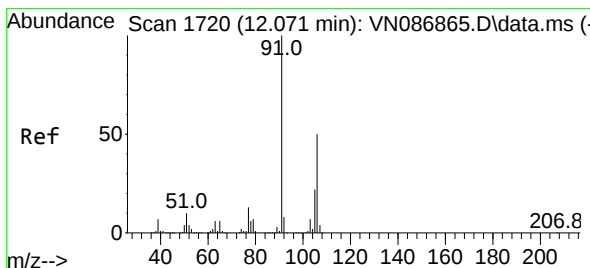
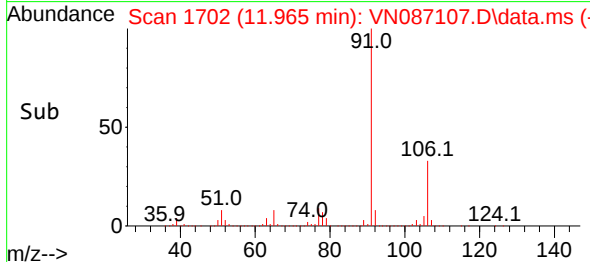
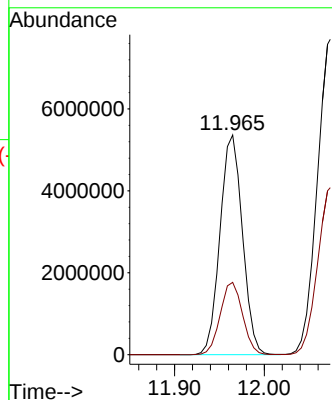
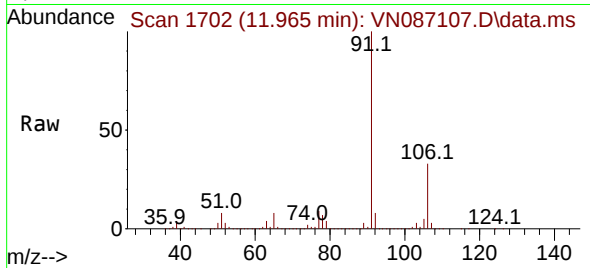




#67
Ethyl Benzene
Concen: 520.985 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

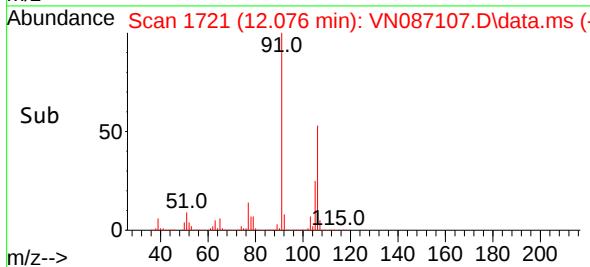
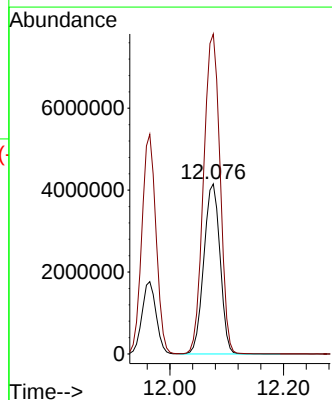
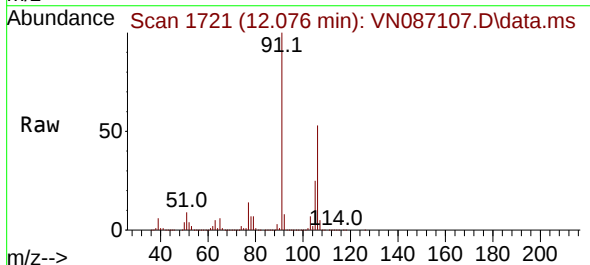
Instrument :
MSVOA_N
ClientSampleId :
MW-08

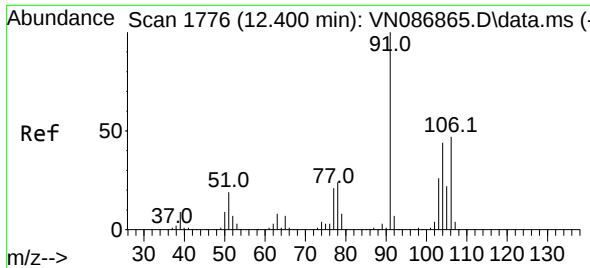
Tgt Ion: 91 Resp: 9306781
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.2



#68
m/p-Xylenes
Concen: 1200.368 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion:106 Resp: 8208444
Ion Ratio Lower Upper
106 100
91 190.7 159.4 239.0

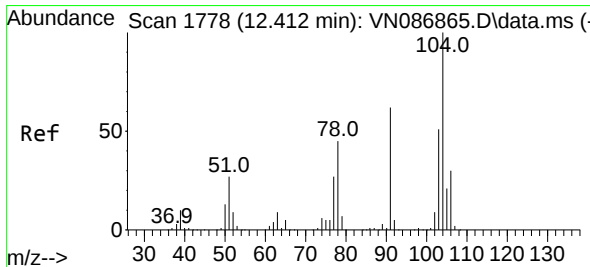
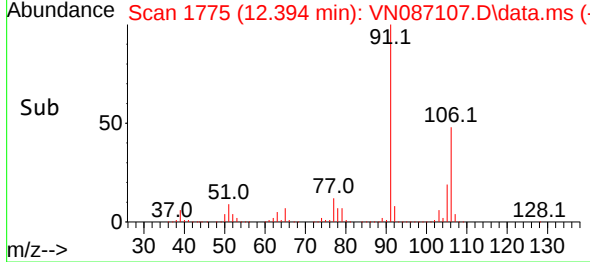
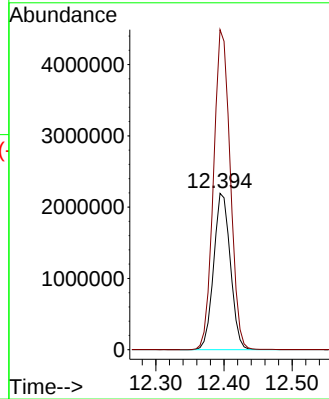
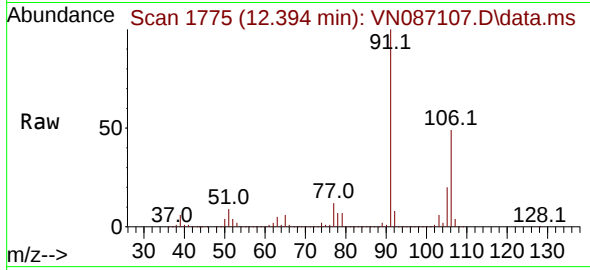




#69
o-Xylene
Concen: 570.561 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

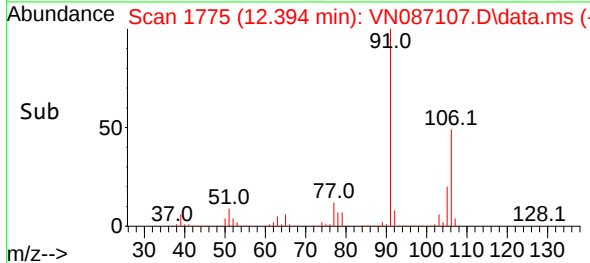
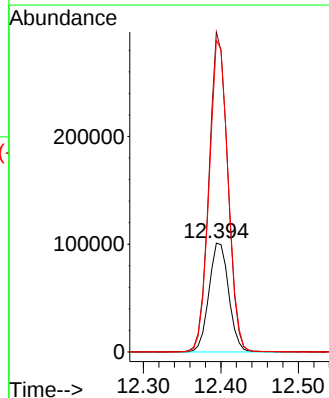
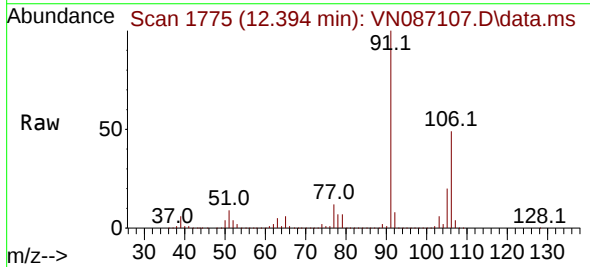
Instrument :
MSVOA_N
ClientSampleId :
MW-08

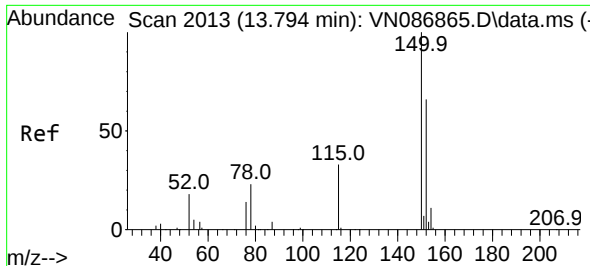
Tgt Ion:106 Resp: 3736770
Ion Ratio Lower Upper
106 100
91 205.3 106.1 318.1



#70
Styrene
Concen: 15.970 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion:104 Resp: 178971
Ion Ratio Lower Upper
104 100
78 279.6 38.5 57.7#
103 275.0 43.1 64.7#

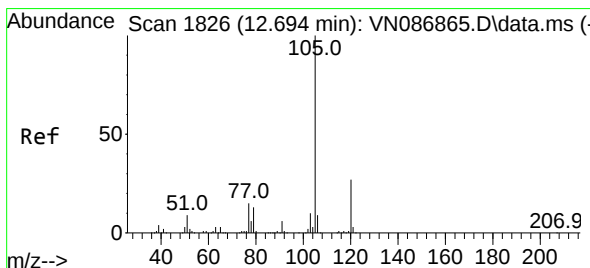
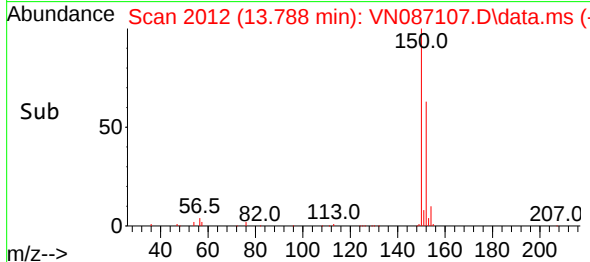
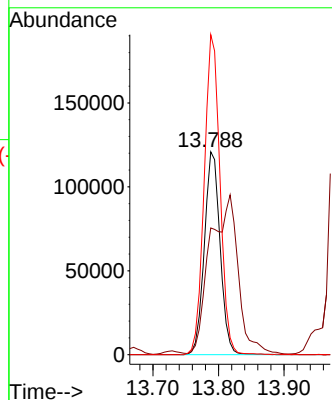
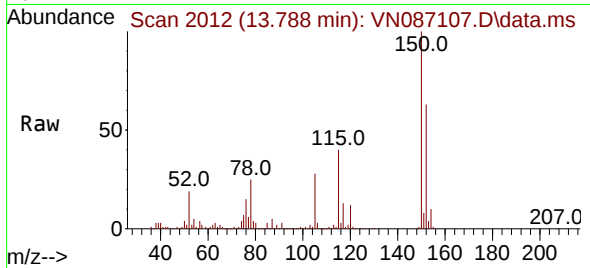




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

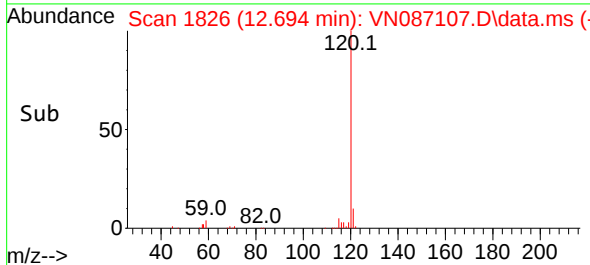
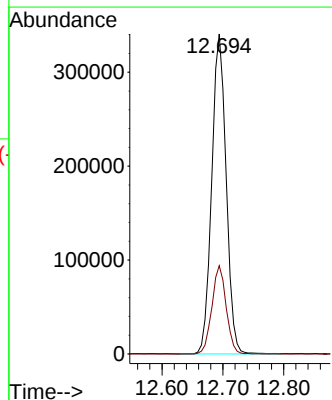
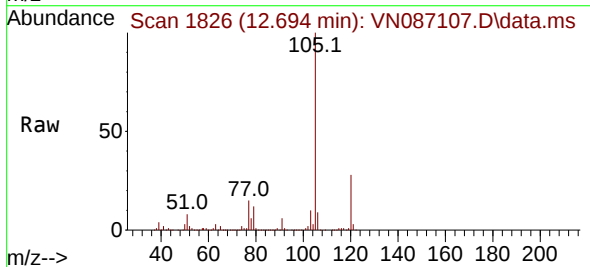
Instrument :
MSVOA_N
ClientSampleId :
MW-08

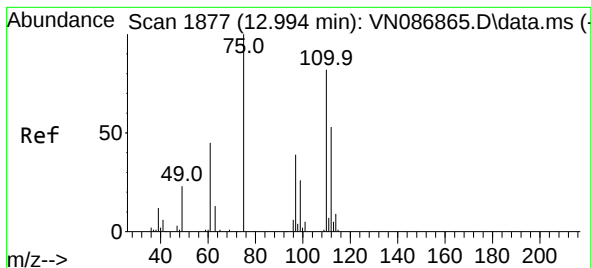
Tgt Ion:152 Resp: 201938
Ion Ratio Lower Upper
152 100
115 0.0 30.1 90.5#
150 158.4 0.0 345.0



#73
Isopropylbenzene
Concen: 38.107 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion:105 Resp: 560609
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4





#76

1,2,3-Trichloropropane

Concen: 1.668 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.035 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

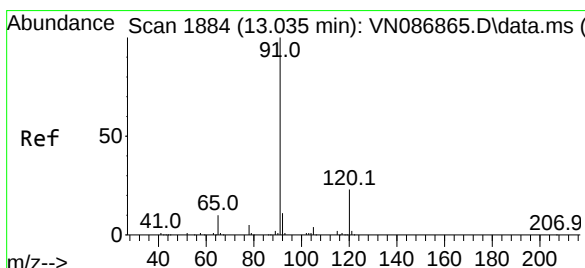
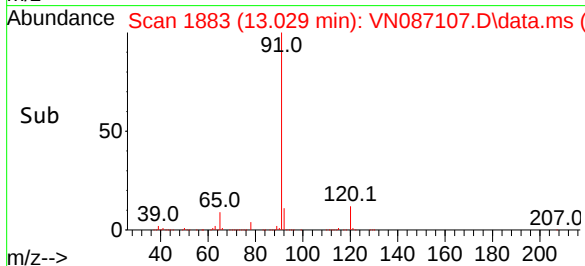
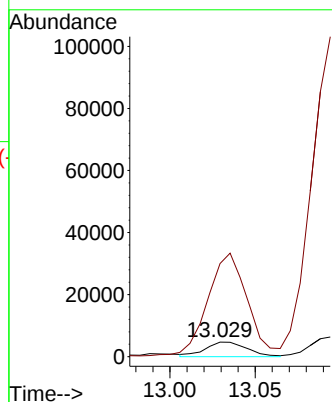
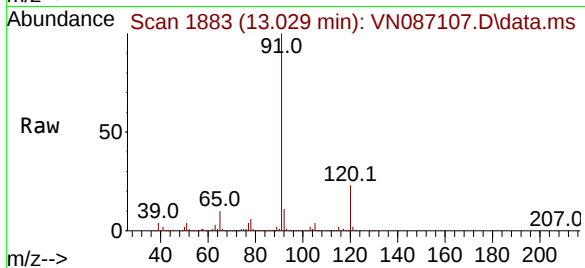
MW-08

Tgt Ion: 75 Resp: 8008

Ion Ratio Lower Upper

75 100

77 669.5 79.3 237.9#



#78

n-propylbenzene

Concen: 79.606 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087107.D

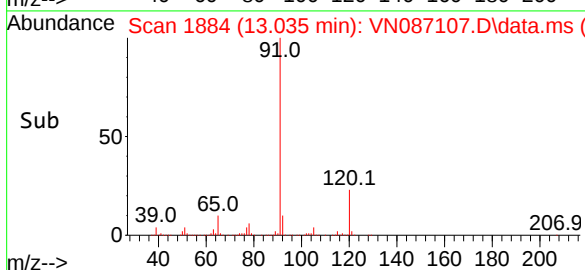
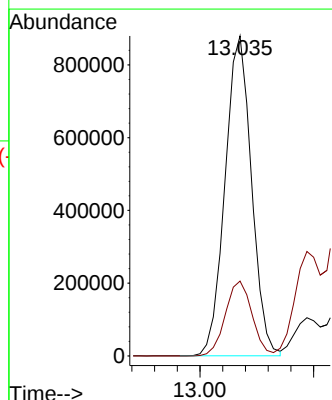
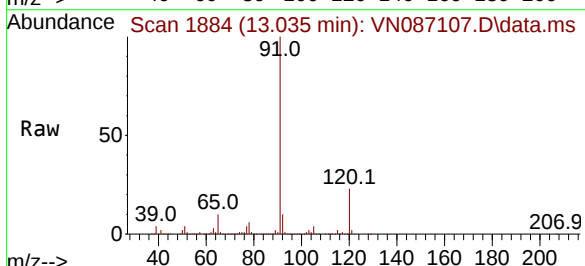
Acq: 19 Jun 2025 13:38

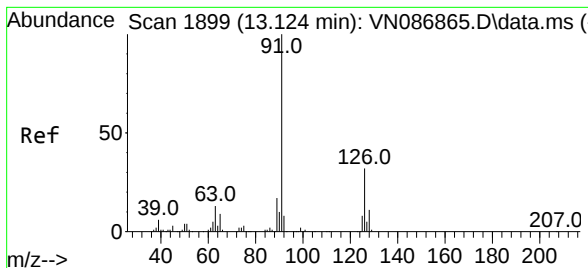
Tgt Ion: 91 Resp: 1423219

Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 30.037 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

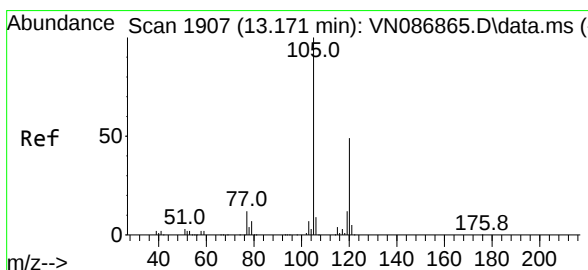
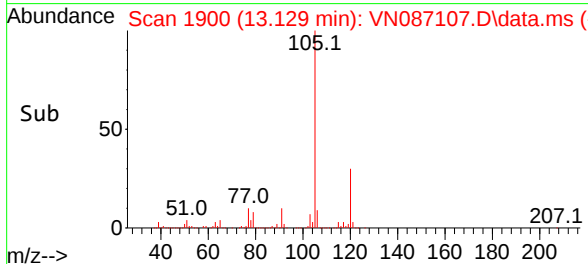
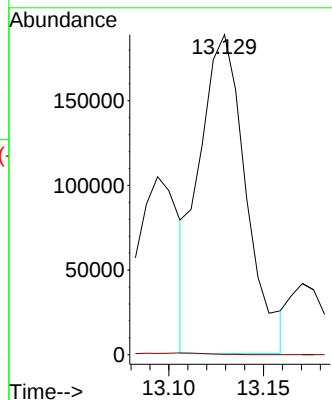
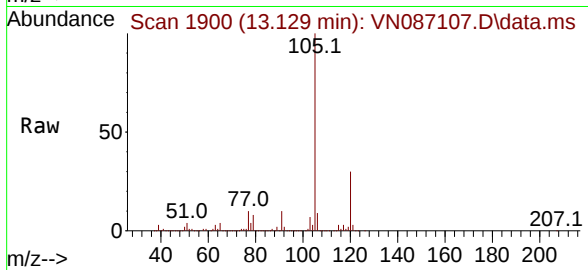
MW-08

Tgt Ion: 91 Resp: 322045

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#



#80

1,3,5-Trimethylbenzene

Concen: 46.494 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087107.D

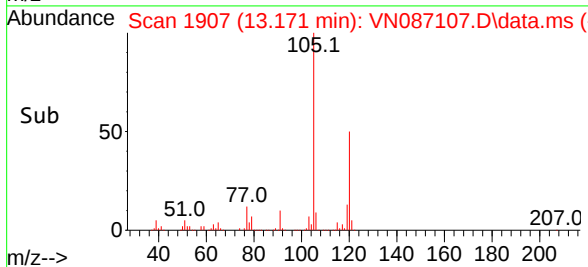
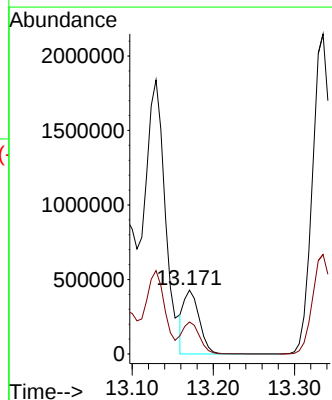
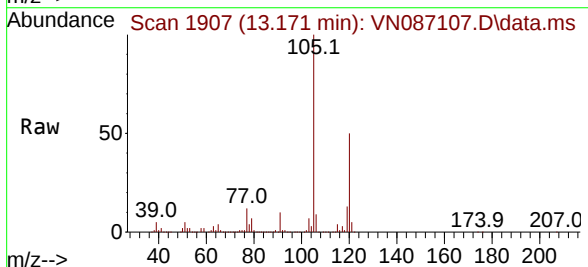
Acq: 19 Jun 2025 13:38

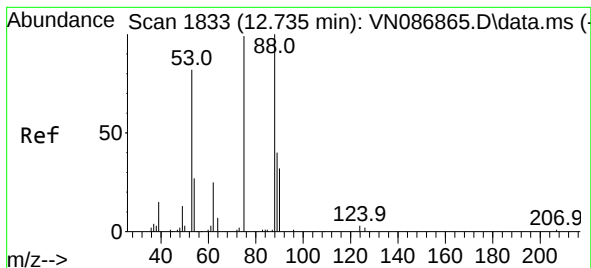
Tgt Ion:105 Resp: 564715

Ion Ratio Lower Upper

105 100

120 58.6 24.9 74.6

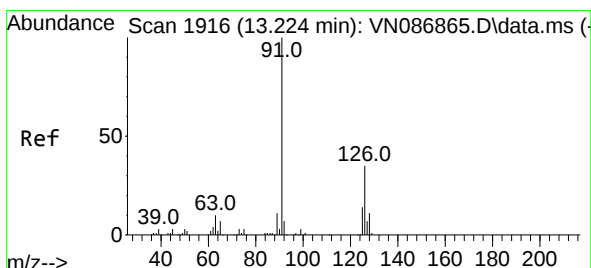
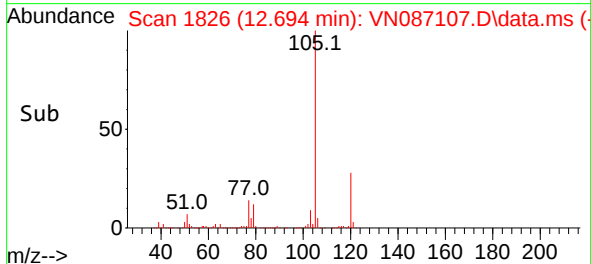
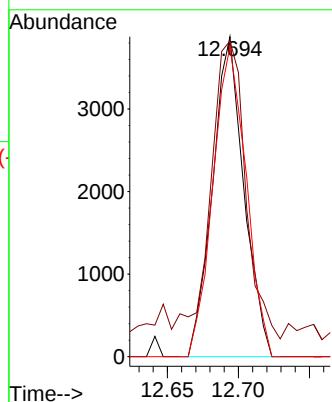
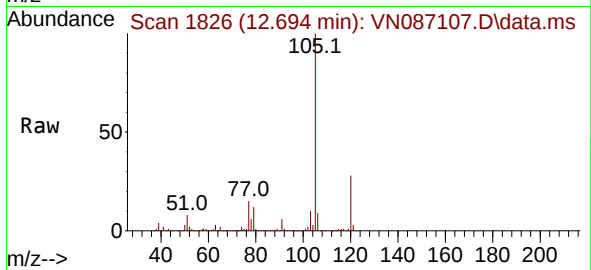




#81
trans-1,4-Dichloro-2-butene
Concen: 2.848 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

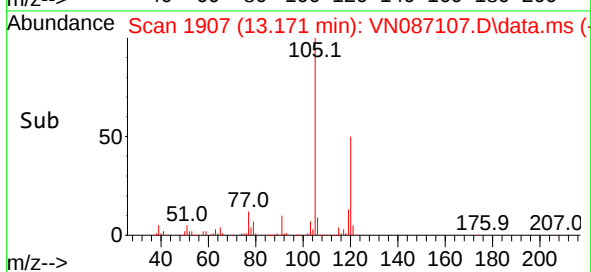
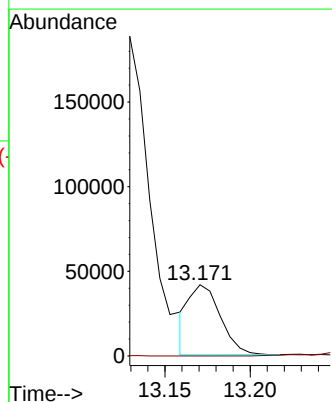
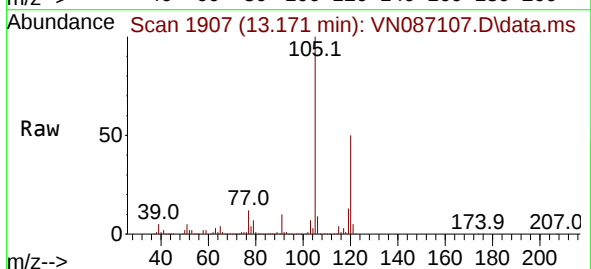
Instrument :
MSVOA_N
ClientSampleId :
MW-08

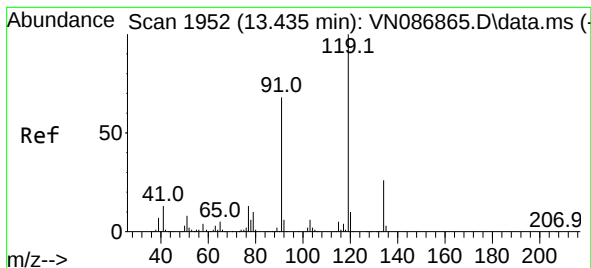
Tgt Ion: 75 Resp: 5939
Ion Ratio Lower Upper
75 100
53 102.7 66.6 99.8#
89 102.2 36.7 55.1#



#82
4-Chlorotoluene
Concen: 4.970 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 91 Resp: 53915
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#





#83

tert-Butylbenzene

Concen: 123.218 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

MW-08

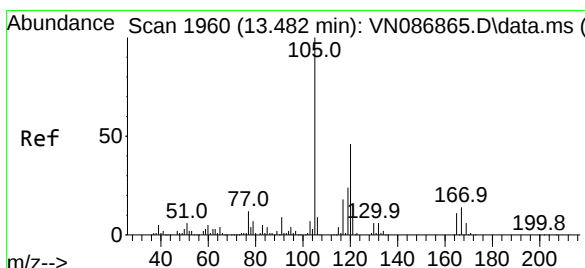
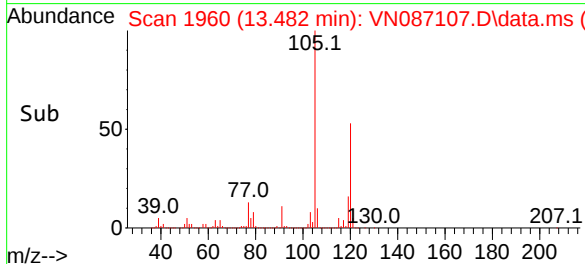
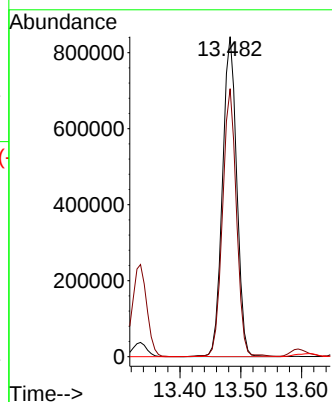
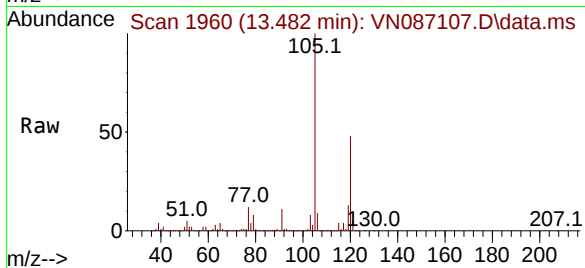
Tgt Ion:119 Resp: 1369948

Ion Ratio Lower Upper

119 100

91 81.8 32.1 96.5

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 890.576 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087107.D

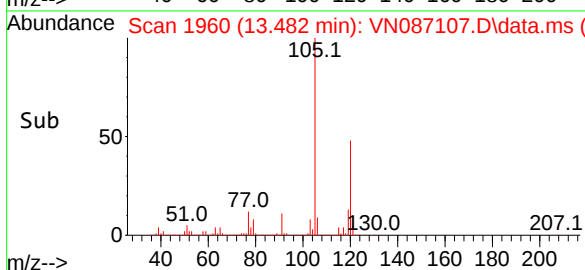
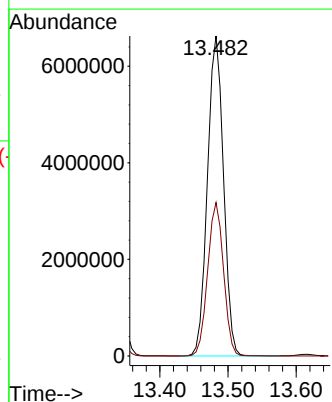
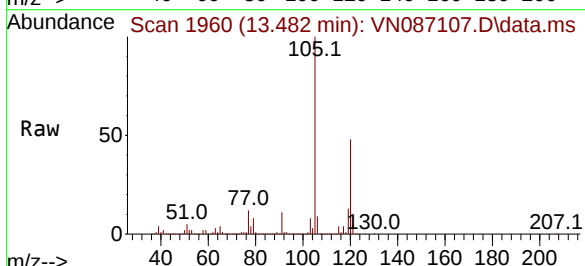
Acq: 19 Jun 2025 13:38

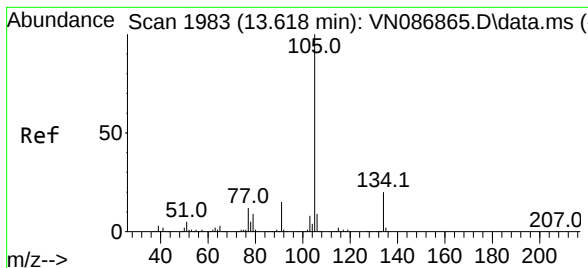
Tgt Ion:105 Resp:10846826

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 671.798 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

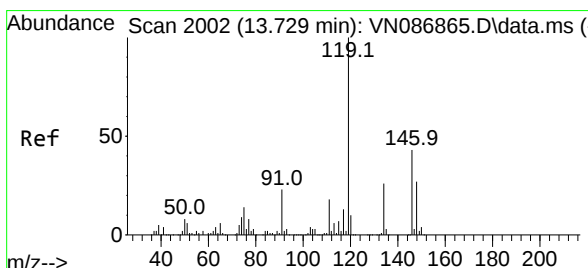
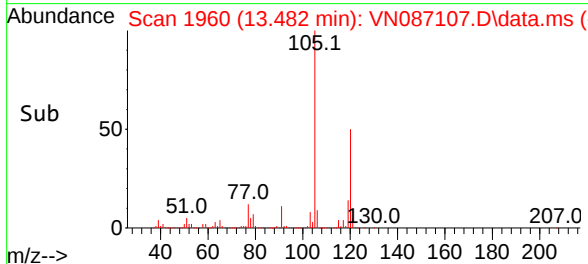
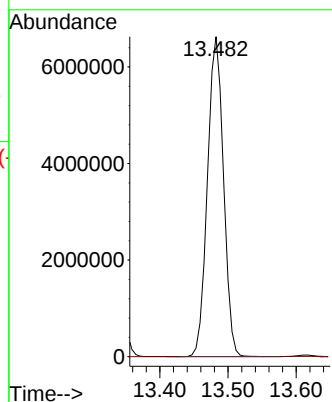
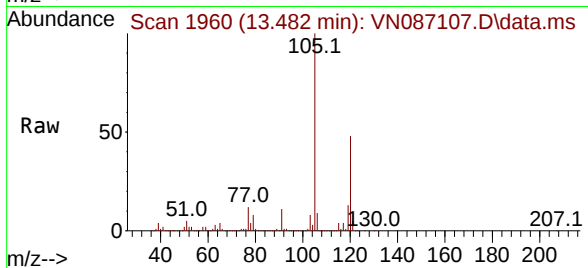
MW-08

Tgt Ion:105 Resp:10846826

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 6.958 ug/l

RT: 13.671 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN087107.D

Acq: 19 Jun 2025 13:38

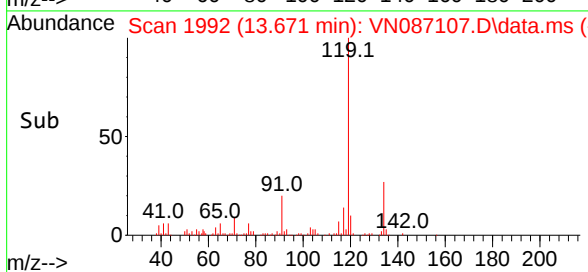
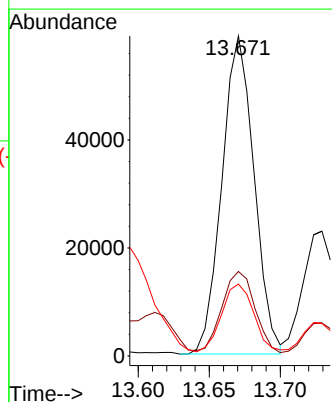
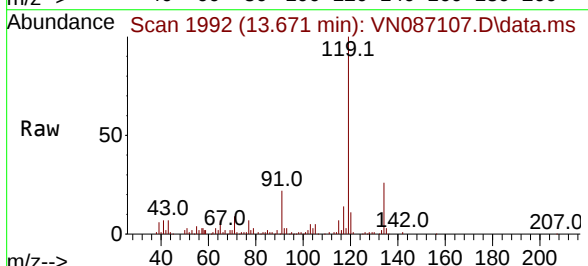
Tgt Ion:119 Resp: 92870

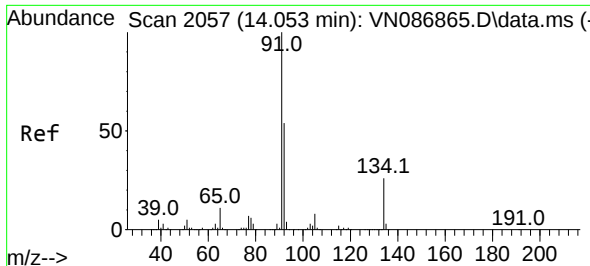
Ion Ratio Lower Upper

119 100

134 28.1 13.5 40.4

91 0.0 11.5 34.4#

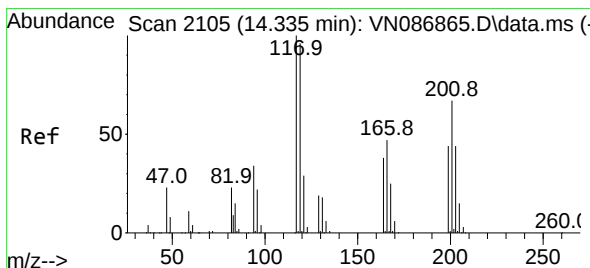
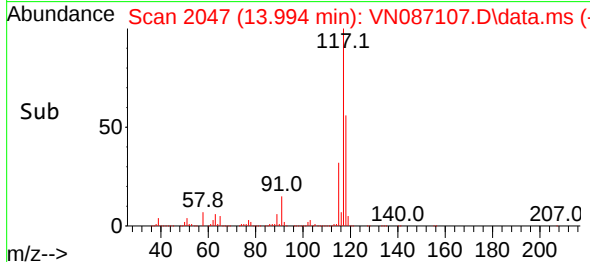
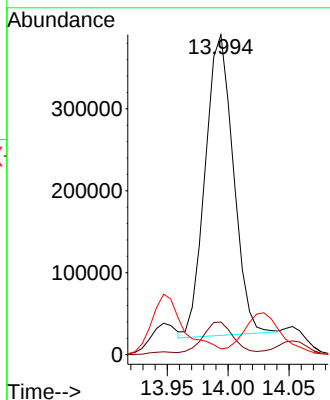
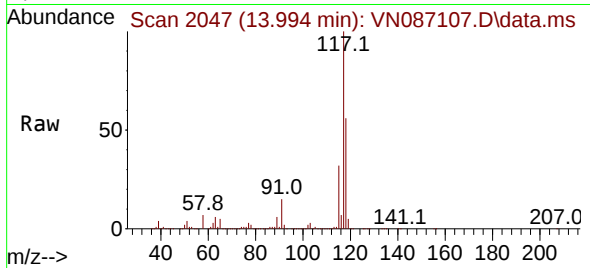




#89
n-Butylbenzene
Concen: 45.738 ug/l
RT: 13.994 min Scan# 2057
Delta R.T. -0.059 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

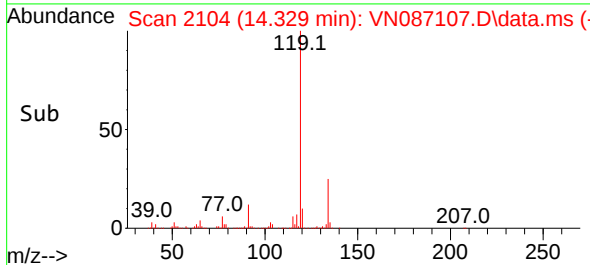
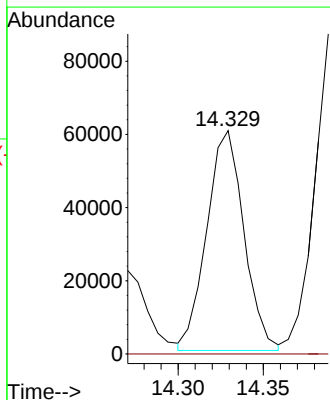
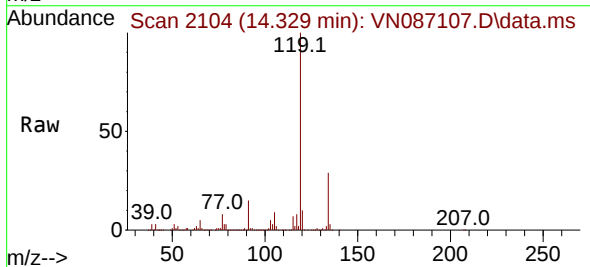
Instrument :
MSVOA_N
ClientSampleId :
MW-08

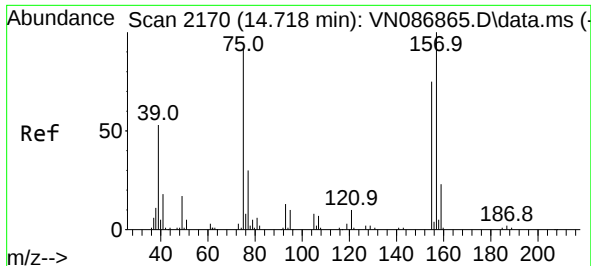
Tgt Ion: 91 Resp: 591296
Ion Ratio Lower Upper
91 100
92 12.1 27.5 82.4#
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 40.340 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087107.D
Acq: 19 Jun 2025 13:38

Tgt Ion: 117 Resp: 91263
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#

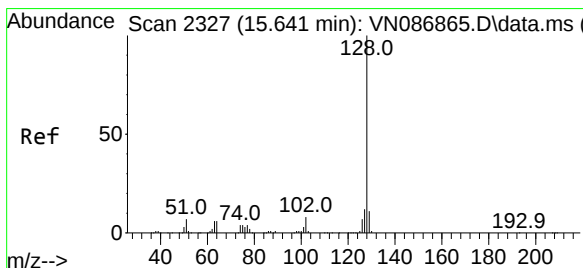
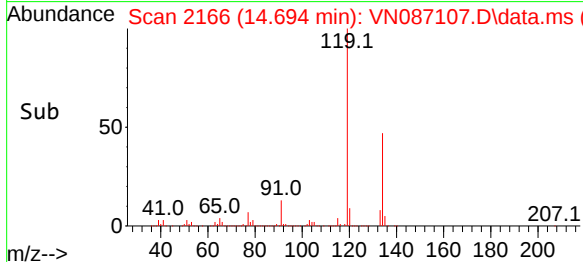
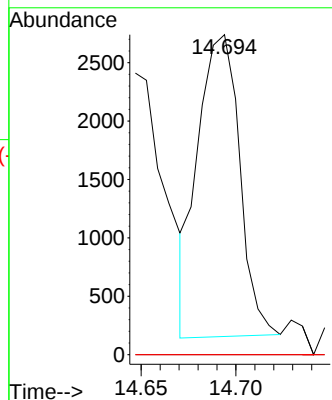
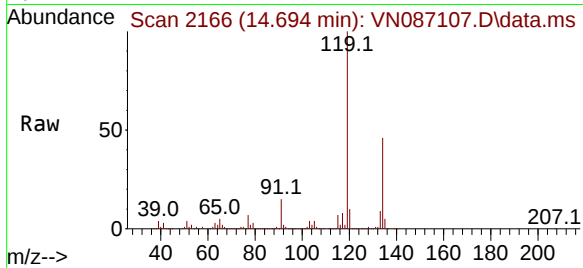




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.316 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.024 min
 Lab File: VN087107.D
 Acq: 19 Jun 2025 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Tgt Ion: 75 Resp: 3952
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.1 123.4#
 157 0.0 52.7 158.1#



#95
 Naphthalene
 Concen: 347.493 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. -0.006 min
 Lab File: VN087107.D
 Acq: 19 Jun 2025 13:38

Tgt Ion:128 Resp: 5267267
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.2 15.2
 129 11.0 8.8 13.2

