

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087012.D
 Acq On : 13 Jun 2025 19:07
 Operator : JC\MD
 Sample : Q2268-07DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6-20250605DL

Quant Time: Jun 14 00:34:10 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)

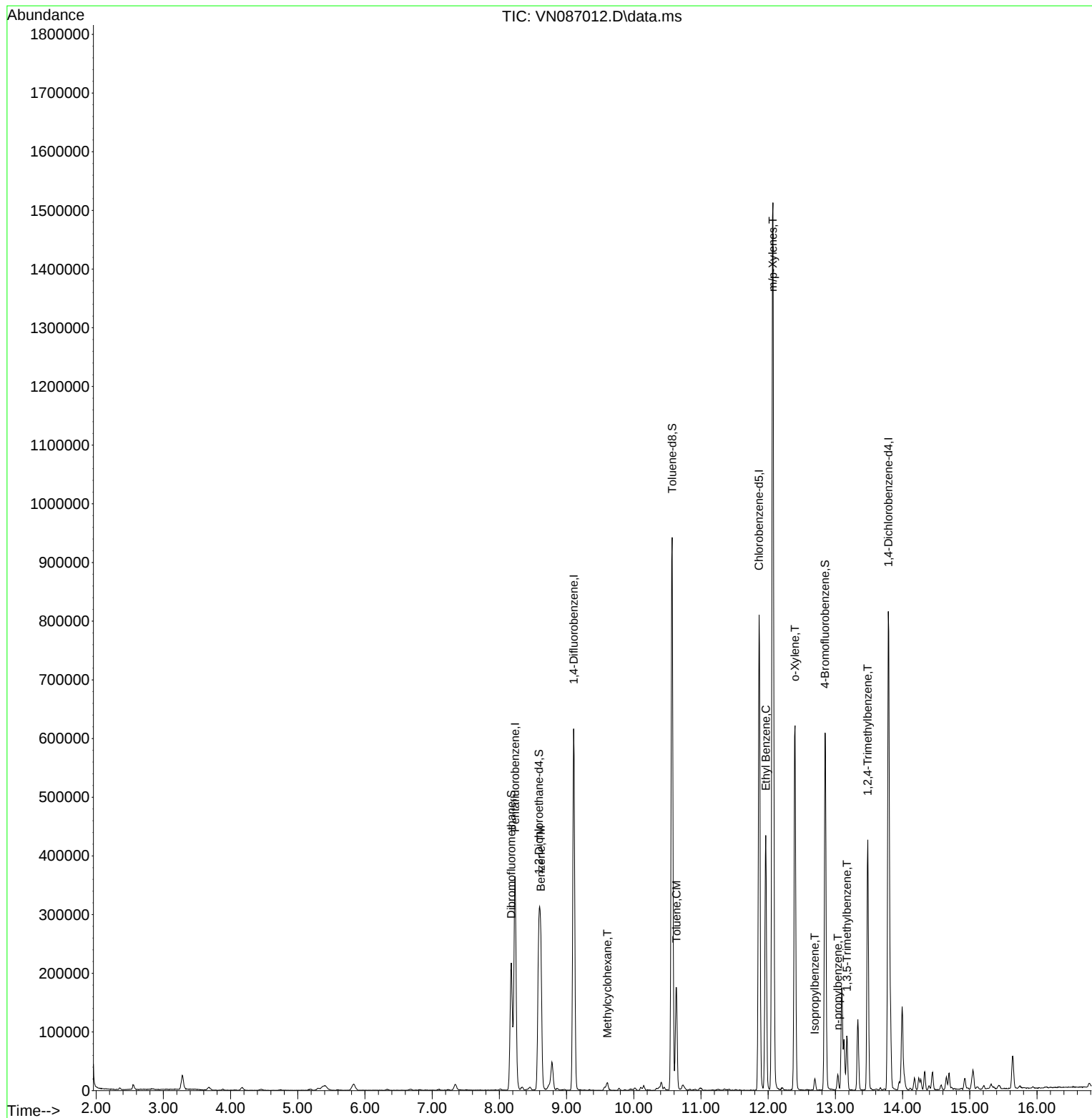
Internal Standards						
1) Pentafluorobenzene	8.235	168	285623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	563185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	240672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199192	52.088	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.177	113	168484	50.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.570	98	692719	52.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.847	95	248025	50.526	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.606	83	6356	0.933	ug/l	93
40) Benzene	8.618	78	259118	15.933	ug/l	99
52) Toluene	10.635	92	81595	8.210	ug/l	97
67) Ethyl Benzene	11.964	91	337251	17.757	ug/l	98
68) m/p-Xylenes	12.070	106	537145	73.883	ug/l	99
69) o-Xylene	12.400	106	191921	27.563	ug/l	99
73) Isopropylbenzene	12.694	105	14173	0.808	ug/l	99
78) n-propylbenzene	13.035	91	22893	1.074	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	51885	3.584	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	250344	17.246	ug/l	98

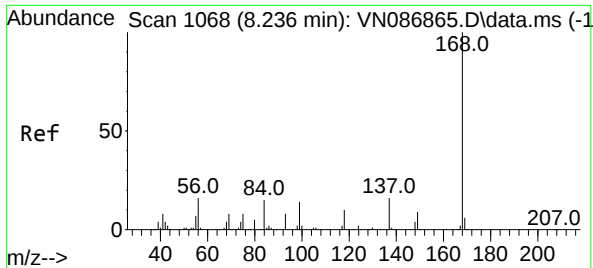
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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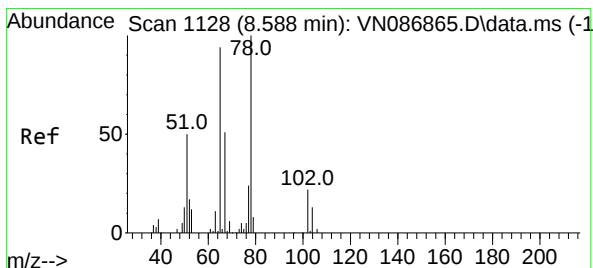
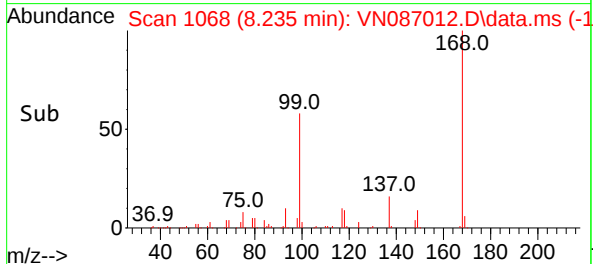
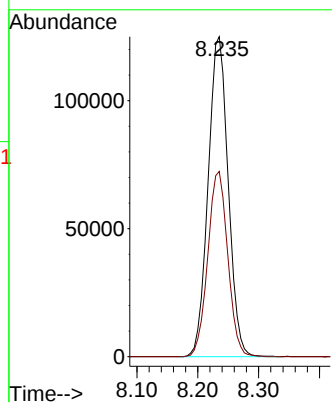
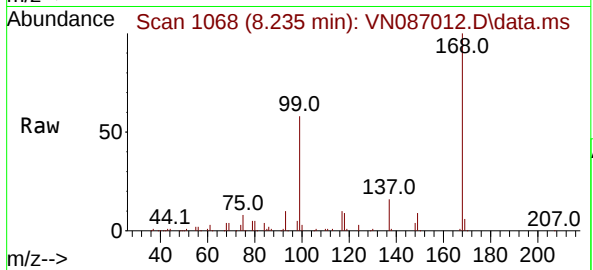




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

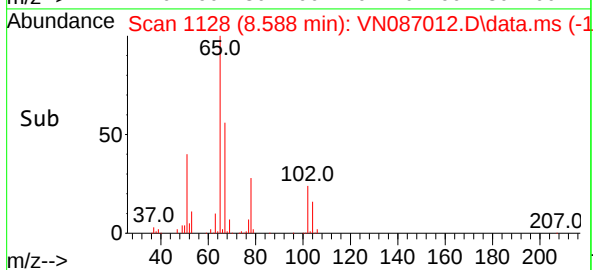
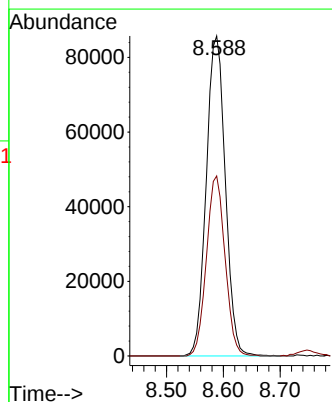
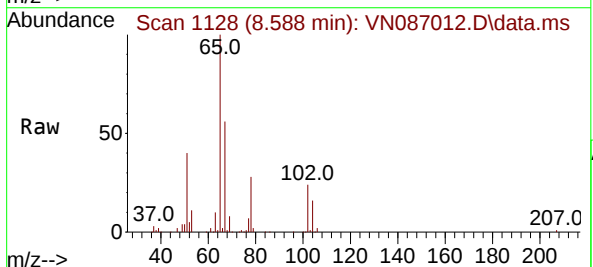
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

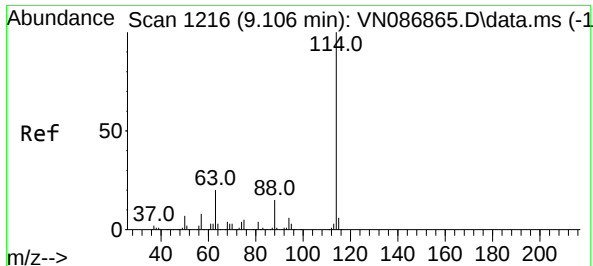
Tgt Ion:168 Resp: 285623
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 52.088 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion: 65 Resp: 199192
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

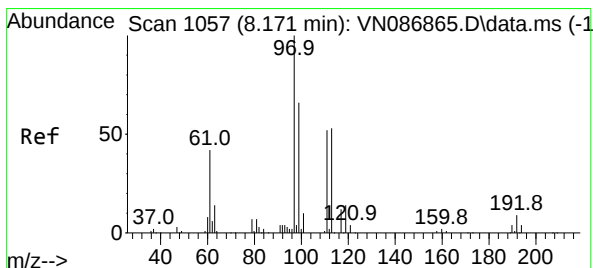
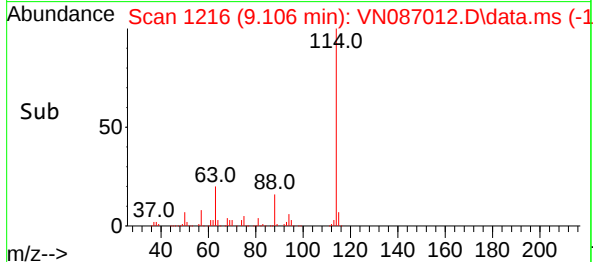
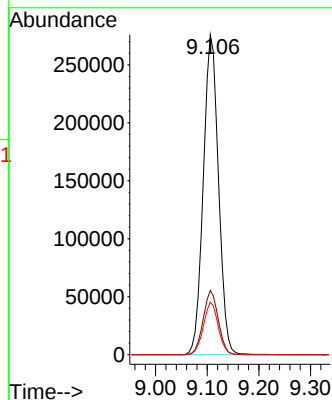
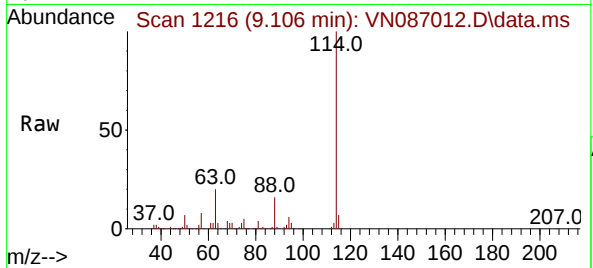




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

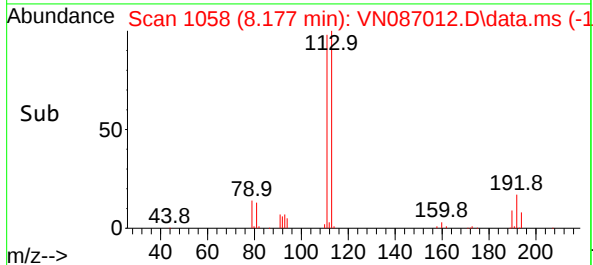
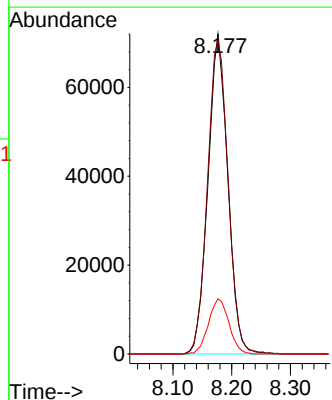
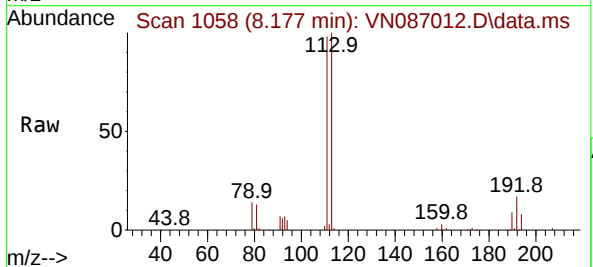
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

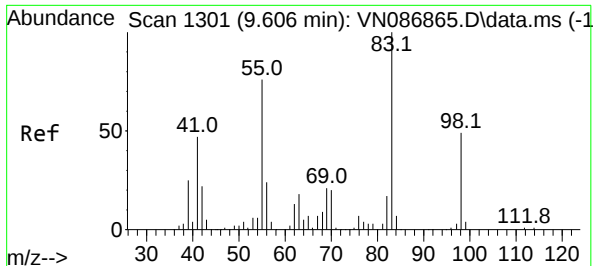
Tgt Ion:114 Resp: 563185
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 16.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion:113 Resp: 168484
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 17.8 14.2 21.4





#39

Methylcyclohexane

Concen: 0.933 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087012.D

Acq: 13 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

MW-6-20250605DL

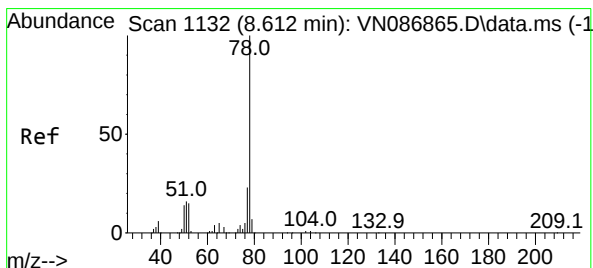
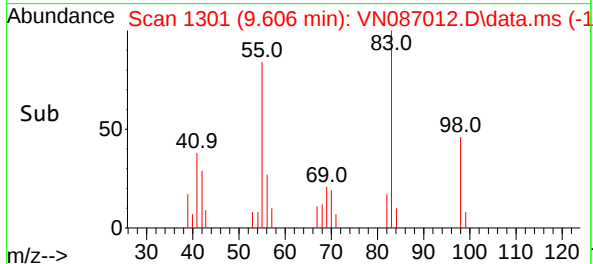
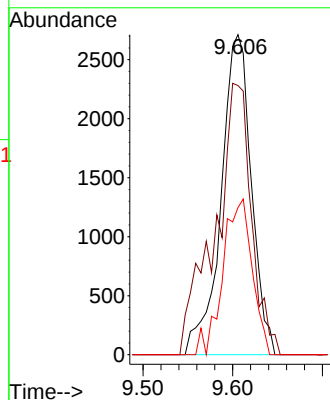
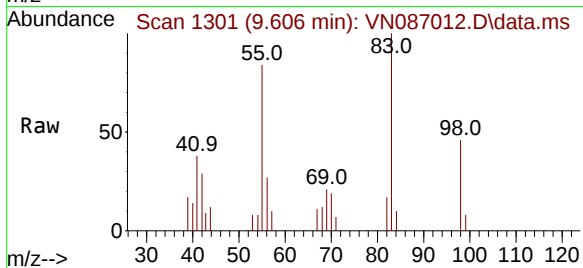
Tgt Ion: 83 Resp: 6356

Ion Ratio Lower Upper

83 100

55 84.1 61.0 91.6

98 45.9 38.9 58.3



#40

Benzene

Concen: 15.933 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN087012.D

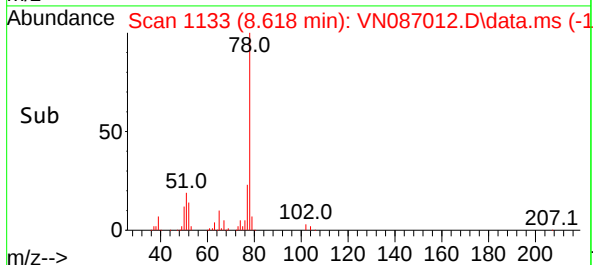
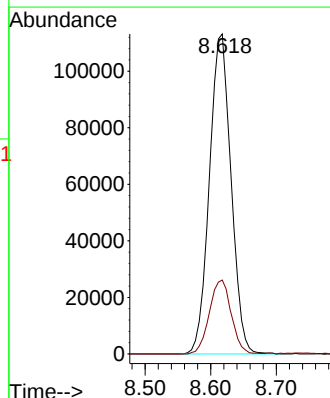
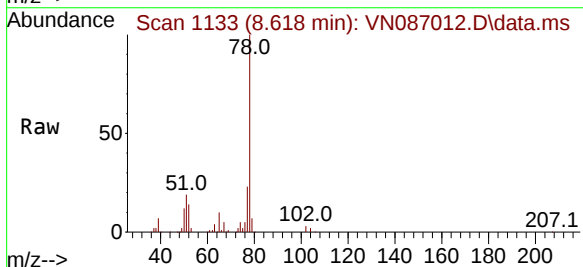
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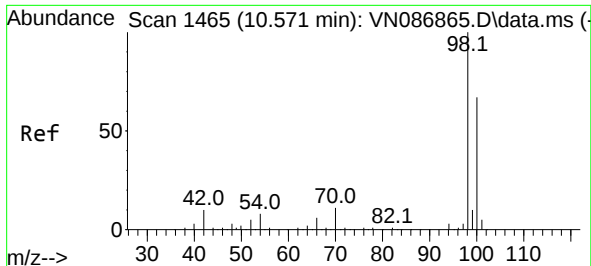
Tgt Ion: 78 Resp: 259118

Ion Ratio Lower Upper

78 100

77 23.1 18.7 28.1

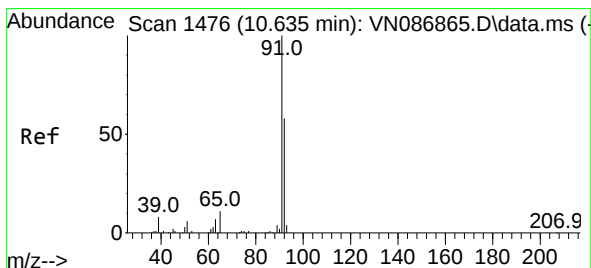
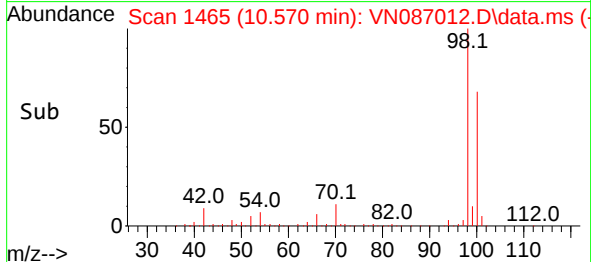
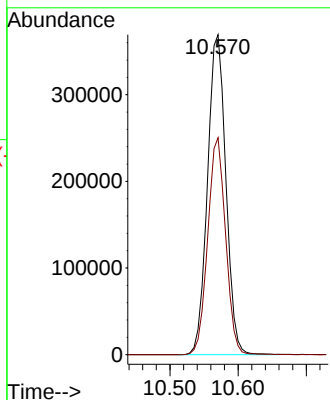
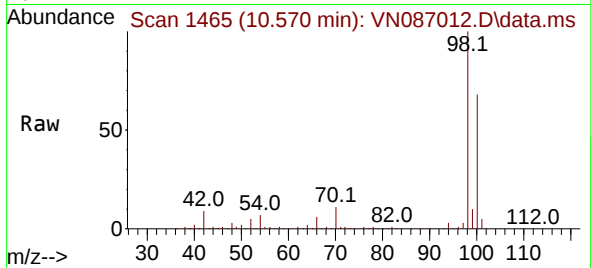




#50
Toluene-d8
Concen: 52.429 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

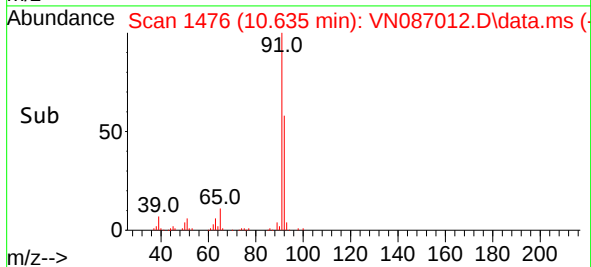
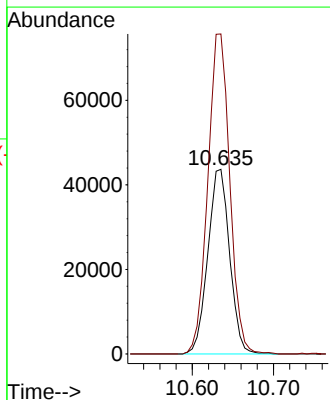
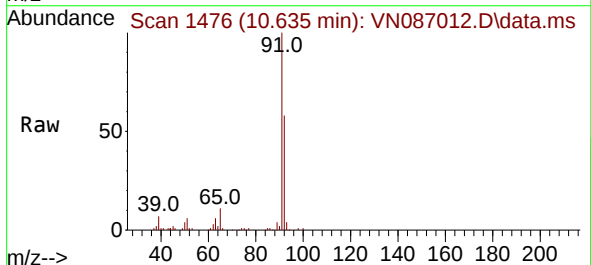
Instrument :
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ClientSampleId :
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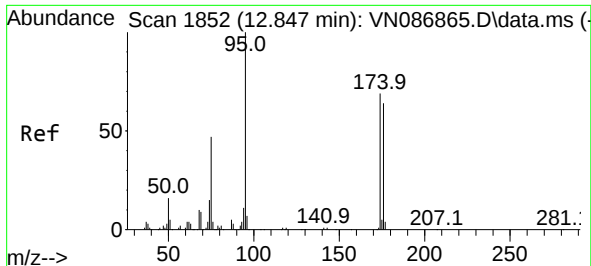
Tgt Ion: 98 Resp: 692719
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#52
Toluene
Concen: 8.210 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion: 92 Resp: 81595
Ion Ratio Lower Upper
92 100
91 174.4 136.5 204.7

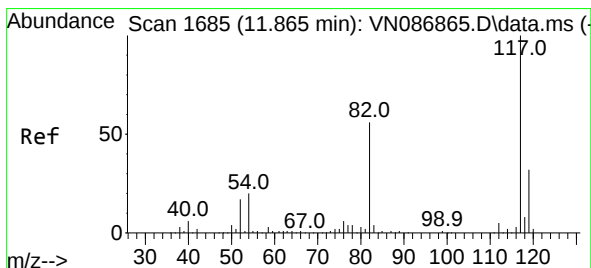
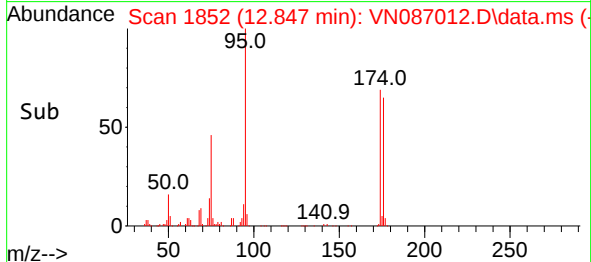
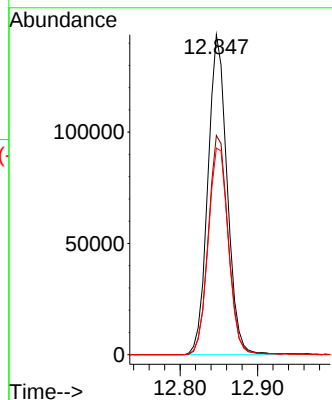
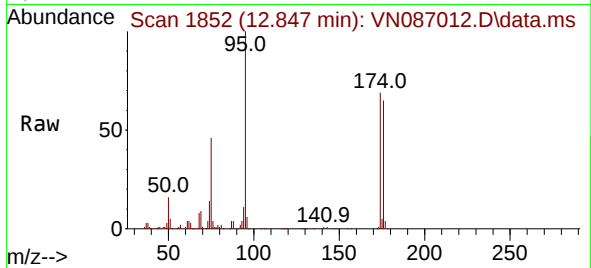




#62
4-Bromofluorobenzene
Concen: 50.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

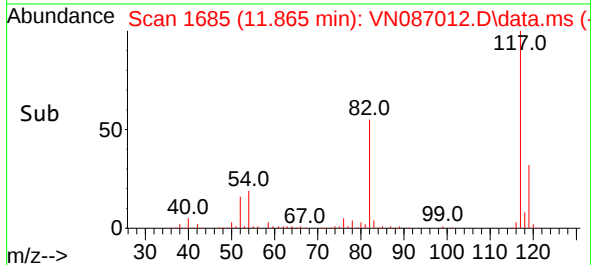
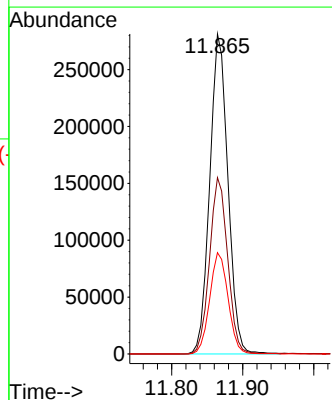
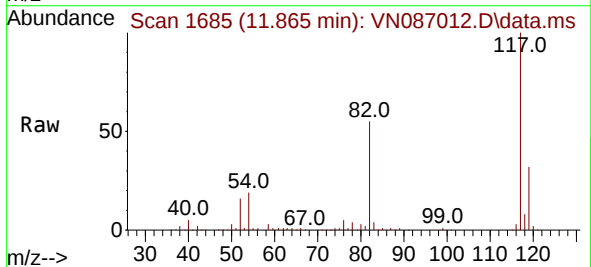
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ClientSampleId :
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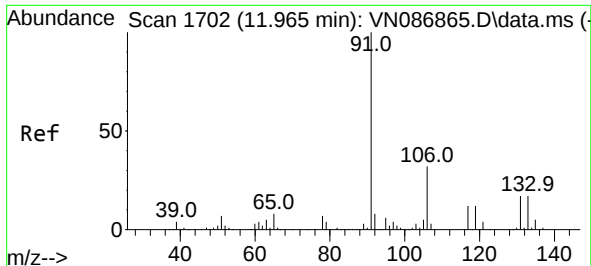
Tgt Ion: 95 Resp: 248025
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion: 117 Resp: 499925
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 31.6 25.5 38.3

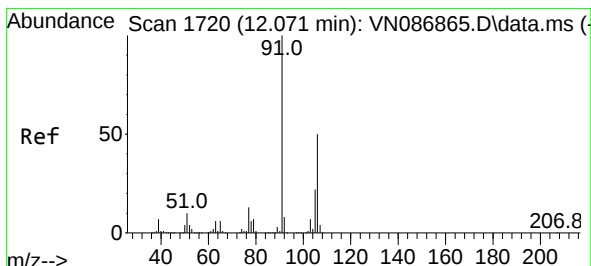
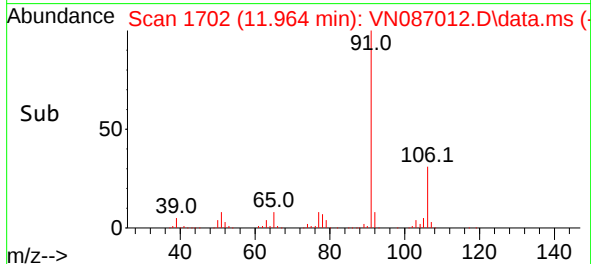
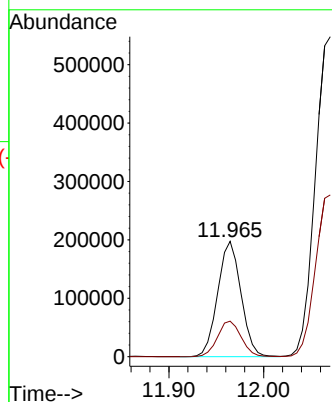
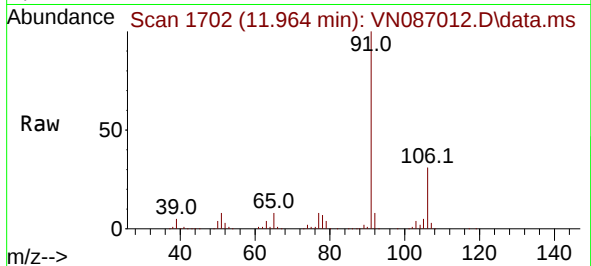




#67
Ethyl Benzene
Concen: 17.757 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

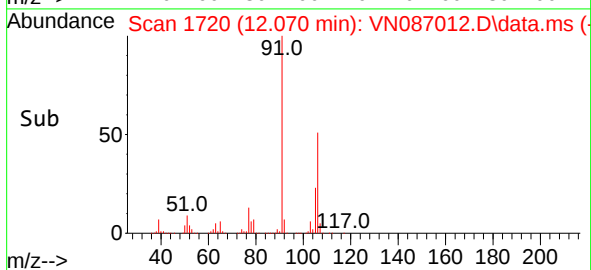
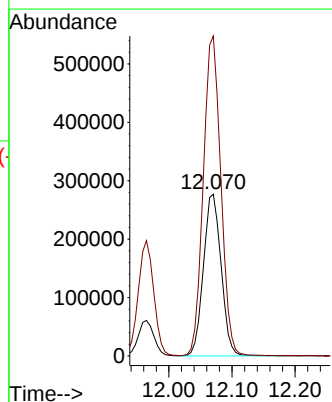
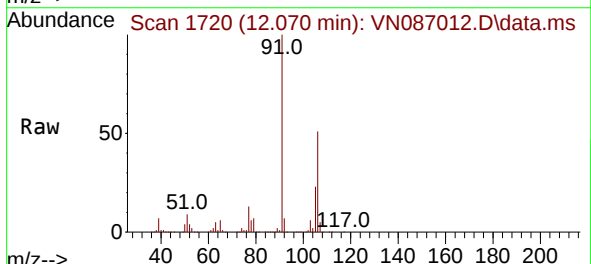
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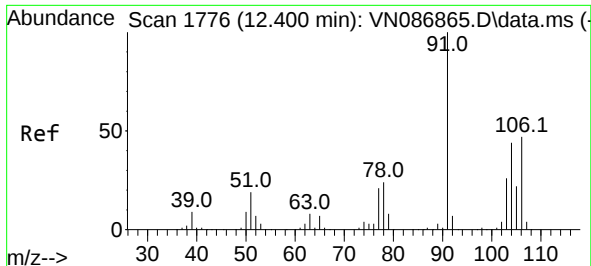
Tgt Ion: 91 Resp: 337251
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2



#68
m/p-Xylenes
Concen: 73.883 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion:106 Resp: 537145
Ion Ratio Lower Upper
106 100
91 197.3 159.4 239.0

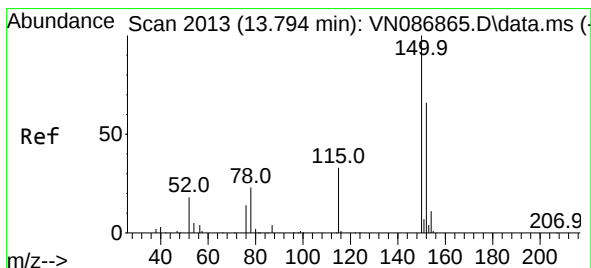
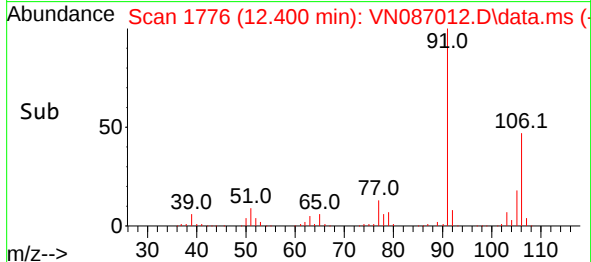
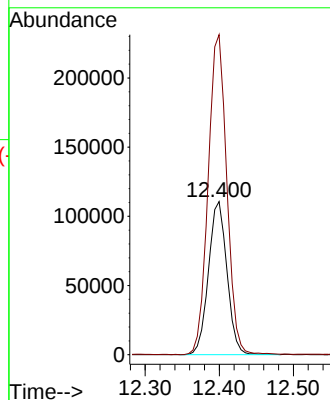
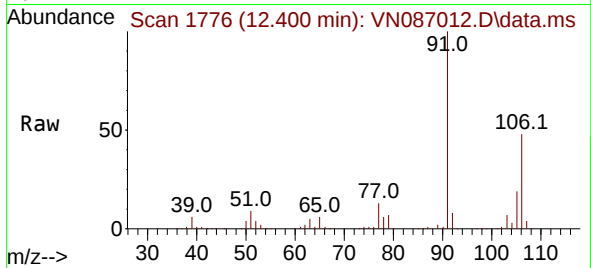




#69
o-Xylene
Concen: 27.563 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

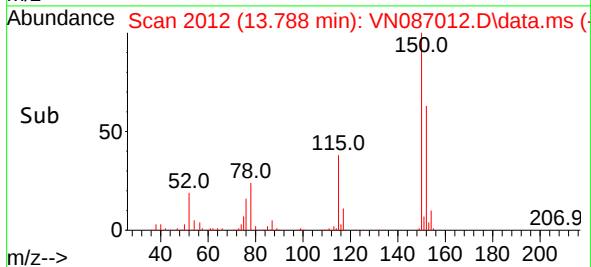
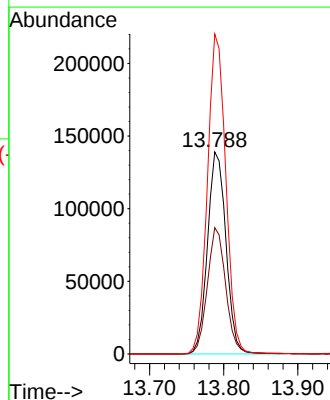
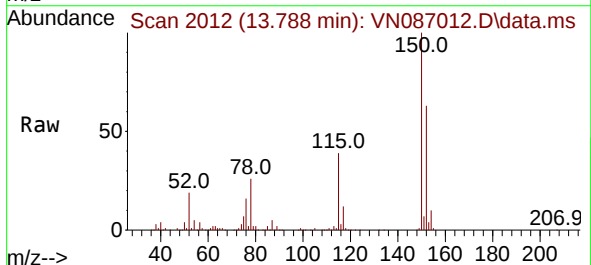
Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

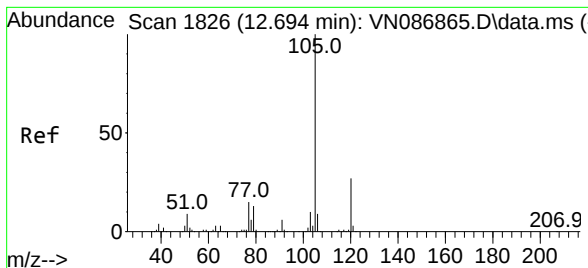
Tgt Ion:106 Resp: 191921
Ion Ratio Lower Upper
106 100
91 210.9 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion:152 Resp: 240672
Ion Ratio Lower Upper
152 100
115 62.7 30.1 90.5
150 158.0 0.0 345.0





#73

Isopropylbenzene

Concen: 0.808 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087012.D

Acq: 13 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

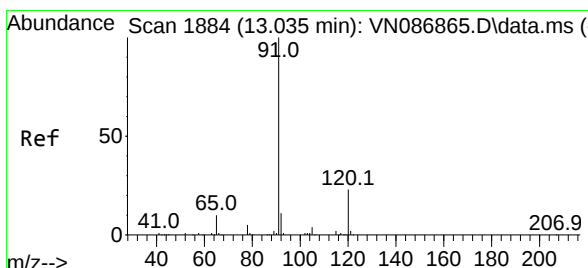
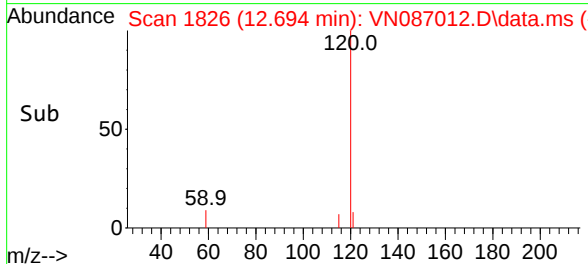
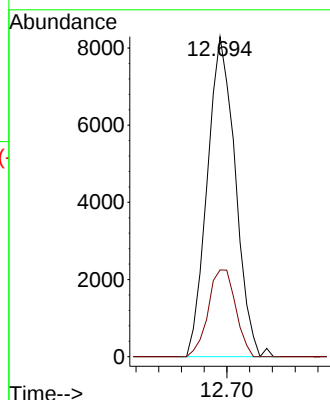
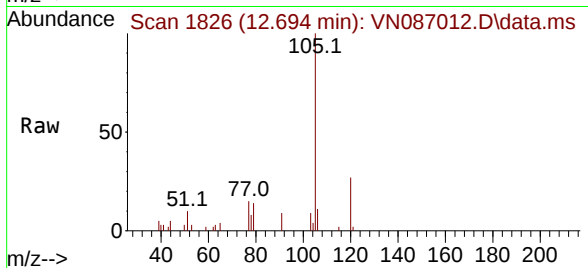
MW-6-20250605DL

Tgt Ion:105 Resp: 14173

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#78

n-propylbenzene

Concen: 1.074 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087012.D

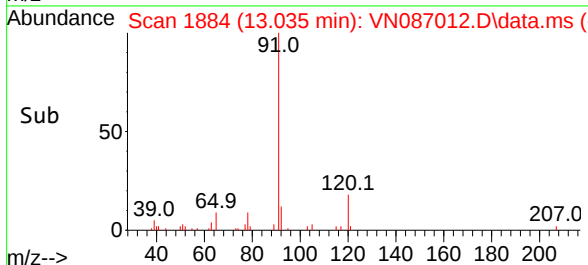
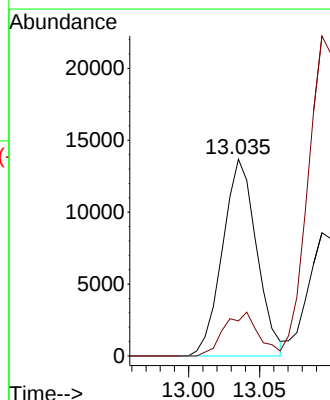
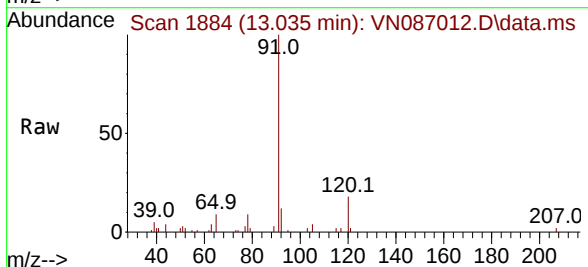
Acq: 13 Jun 2025 19:07

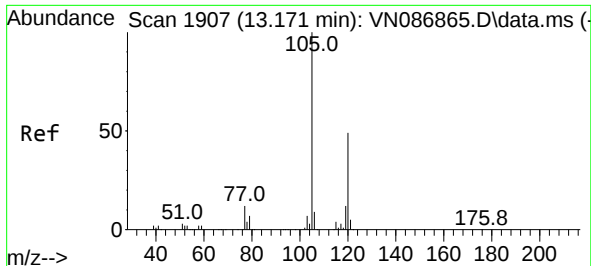
Tgt Ion: 91 Resp: 22893

Ion Ratio Lower Upper

91 100

120 22.4 11.4 34.2

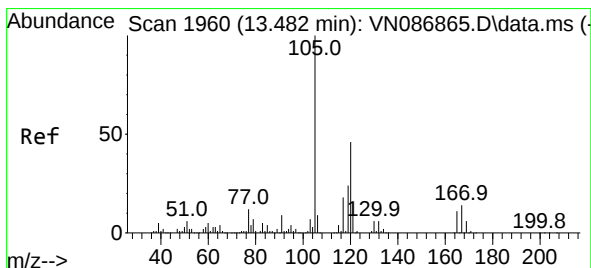
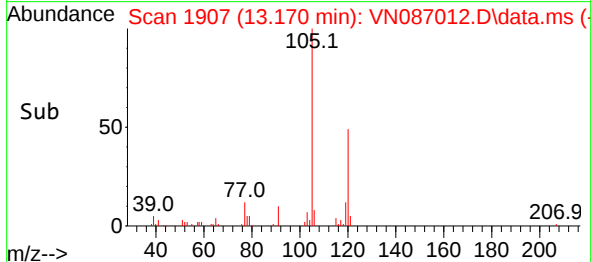
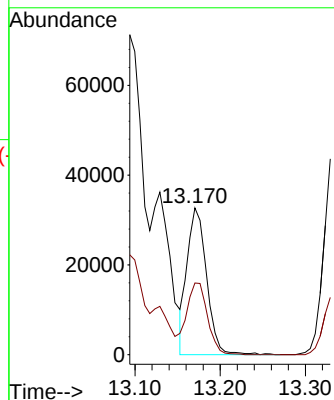
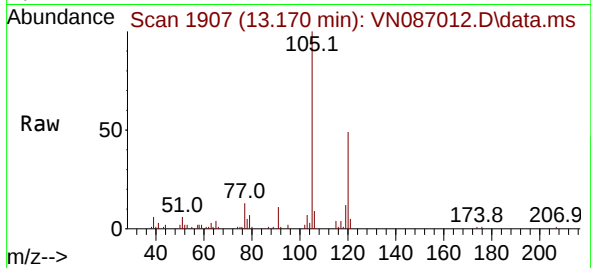




#80
1,3,5-Trimethylbenzene
Concen: 3.584 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:105 Resp: 51885
Ion Ratio Lower Upper
105 100
120 53.8 24.9 74.6



#84
1,2,4-Trimethylbenzene
Concen: 17.246 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087012.D
Acq: 13 Jun 2025 19:07

Tgt Ion:105 Resp: 250344
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6

