

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087158.D
 Acq On : 24 Jun 2025 15:49
 Operator : JC\MD
 Sample : Q2401-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Quant Time: Jun 25 04:20:17 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	157438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132073	62.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.320%#	
35) Dibromofluoromethane	8.177	113	102705	52.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.571	98	391918	51.043	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	12.847	95	140345	49.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.400%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.541	59	192	0.336	ug/l #	73
13) Acrolein	4.453	56	3953	21.834	ug/l #	42
14) Allyl chloride	5.294	41	17787	6.120	ug/l #	59
15) Acrylonitrile	5.830	53	3305	2.472	ug/l #	31
16) Acetone	4.447	43	21087	18.864	ug/l #	71
18) Methyl Acetate	5.294	43	43632	13.394	ug/l #	49
20) Methylene Chloride	5.300	84	561	0.268	ug/l #	1
25) 2-Butanone	7.512	43	4773	2.627	ug/l #	72
26) 2,2-Dichloropropane	7.341	77	865	0.315	ug/l #	52
29) Tetrahydrofuran	8.012	42	244	0.206	ug/l #	1
30) Chloroform	7.953	83	2124	0.603	ug/l #	17
31) Cyclohexane	8.265	56	30291	8.860	ug/l	96
36) 1,1-Dichloropropene	8.230	75	13123	4.541	ug/l #	48
37) Ethyl Acetate	7.512	43	4773	1.297	ug/l #	66
38) Carbon Tetrachloride	8.230	117	15818	5.575	ug/l #	17
39) Methylcyclohexane	9.606	83	27348	6.907	ug/l	93
40) Benzene	8.612	78	8349	0.883	ug/l	93
41) Methacrylonitrile	7.841	41	613	0.297	ug/l #	35
43) Isopropyl Acetate	8.706	43	11103	1.880	ug/l #	53
47) Bromodichloromethane	9.871	83	1632	0.519	ug/l #	25
48) Methyl methacrylate	9.729	41	1256	0.462	ug/l #	31
52) Toluene	10.629	92	5839	1.011	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	11367	5.115	ug/l #	19
56) Ethyl methacrylate	10.859	69	1025	0.290	ug/l #	1
67) Ethyl Benzene	11.965	91	13406	1.247	ug/l #	88
68) m/p-Xylenes	12.070	106	6676	1.622	ug/l	95
69) o-Xylene	12.394	106	5275	1.338	ug/l	85
71) Bromoform	12.847	173	872	0.586	ug/l #	1
73) Isopropylbenzene	12.694	105	83552	8.436	ug/l	100
76) 1,2,3-Trichloropropane	13.035	75	2536	0.785	ug/l #	1
78) n-propylbenzene	13.035	91	371896	30.898	ug/l	98
79) 2-Chlorotoluene	13.129	91	58611	8.120	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	239634	29.305	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	67834	48.319	ug/l #	16
82) 4-Chlorotoluene	13.170	91	24334	3.332	ug/l #	41
83) tert-Butylbenzene	13.482	119	118703	15.858	ug/l #	64

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

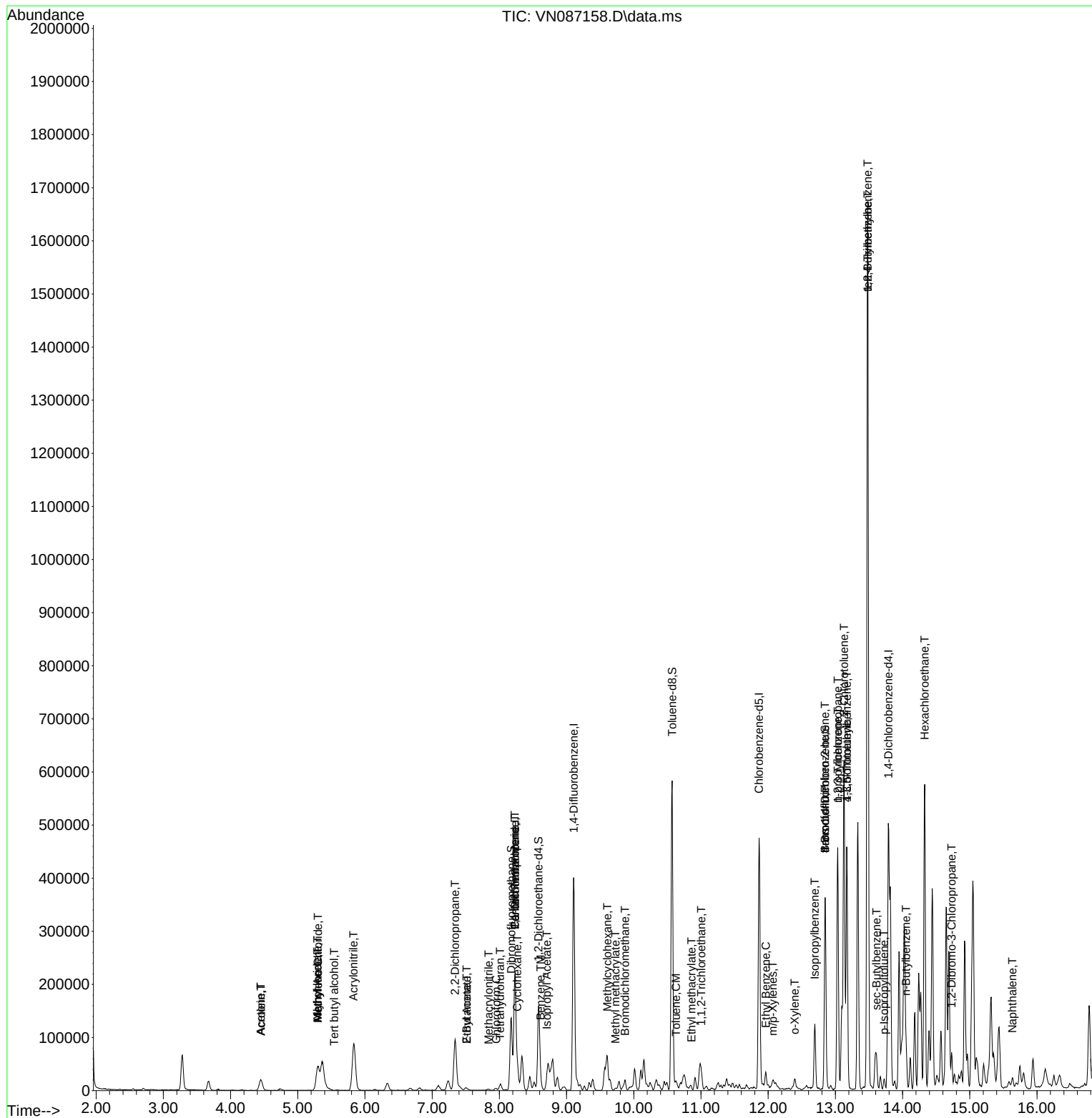
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.482	105	973219	118.688	ug/l	99
85) sec-Butylbenzene	13.612	105	36918	3.396	ug/l #	53
86) p-Isopropyltoluene	13.723	119	11946	1.329	ug/l #	78
89) n-Butylbenzene	14.053	91	77695	8.927	ug/l #	62
90) Hexachloroethane	14.329	117	28056	18.420	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.729	75	314	0.391	ug/l #	2
95) Naphthalene	15.635	128	18575	1.820	ug/l	96

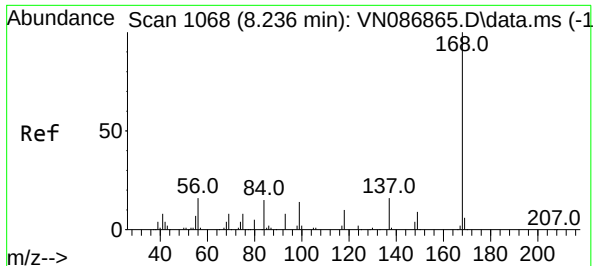
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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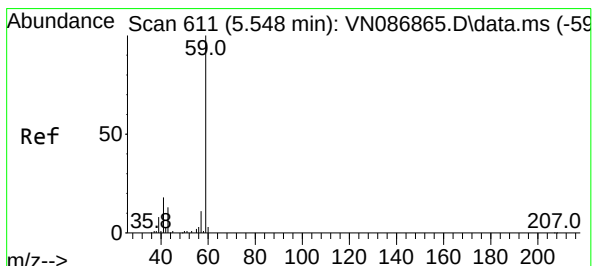
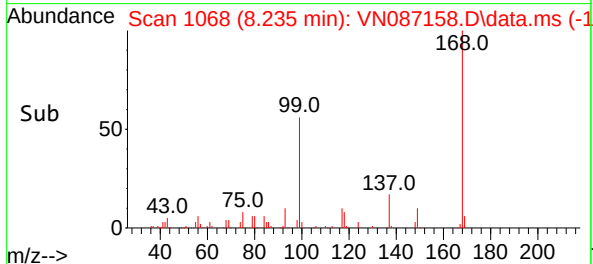
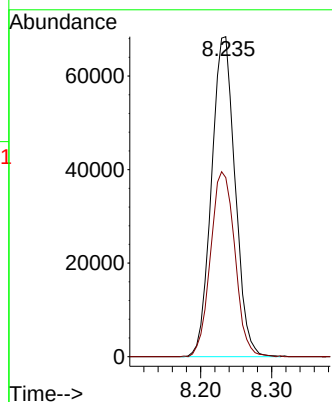
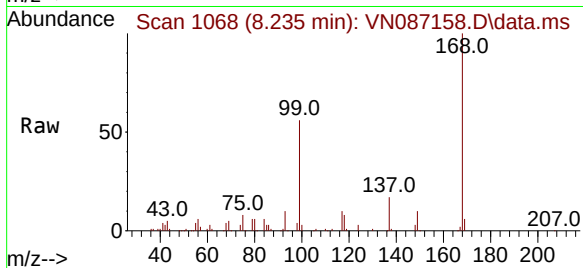




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

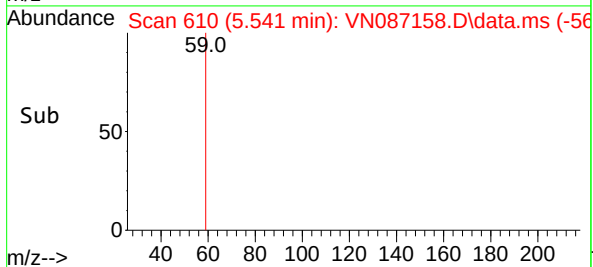
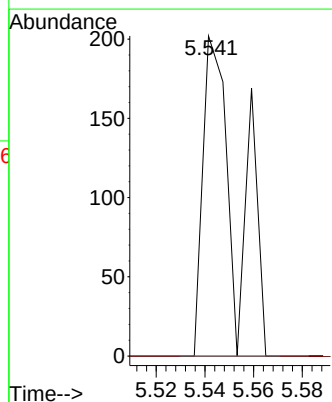
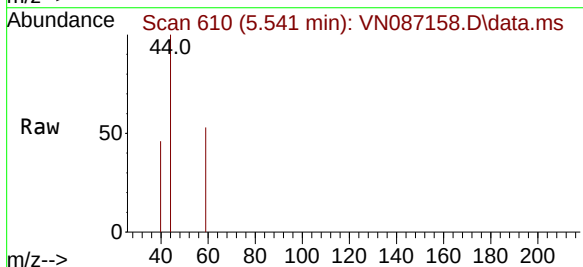
Instrument :
MSVOA_N
ClientSampleId :
MW2

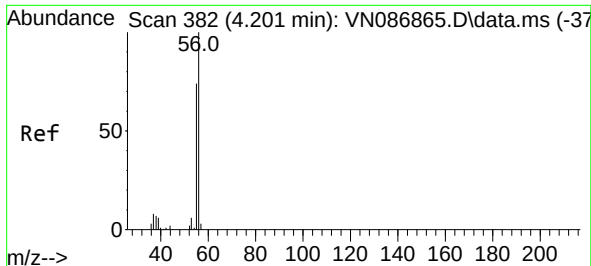
Tgt Ion:168 Resp: 157438
Ion Ratio Lower Upper
168 100
99 56.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 0.336 ug/l
RT: 5.541 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 21.834 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.253 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

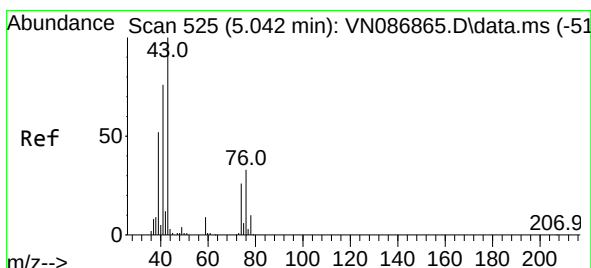
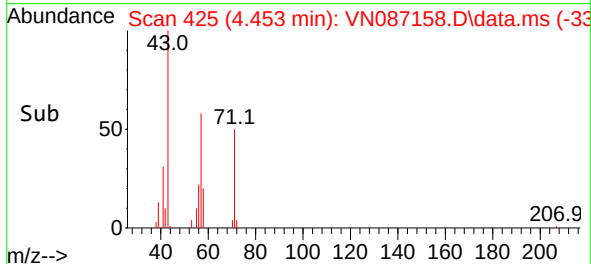
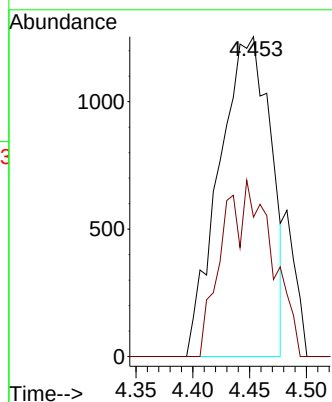
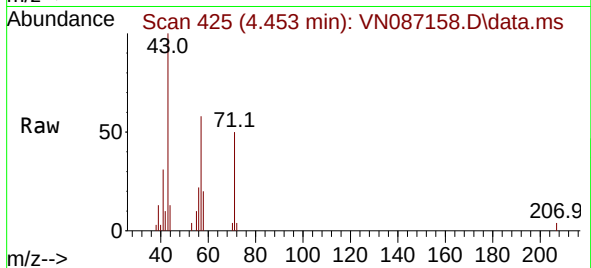
MW2

Tgt Ion: 56 Resp: 3953

Ion Ratio Lower Upper

56 100

55 22.5 55.6 83.4#



#14

Allyl chloride

Concen: 6.120 ug/l

RT: 5.294 min Scan# 568

Delta R.T. 0.253 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

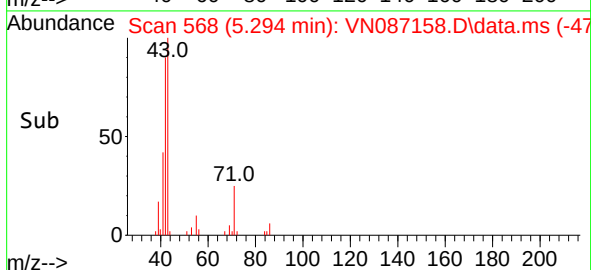
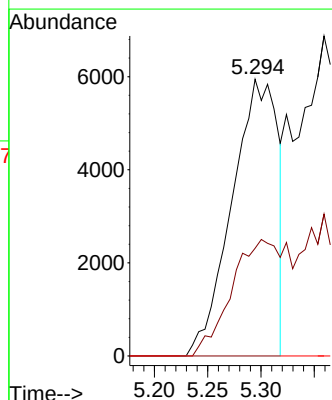
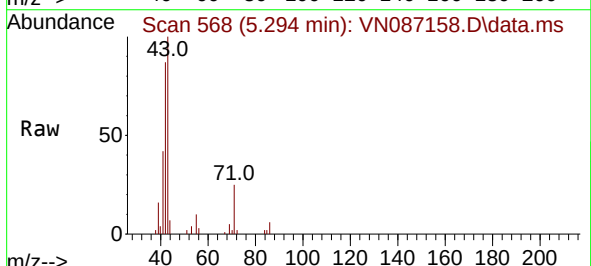
Tgt Ion: 41 Resp: 17787

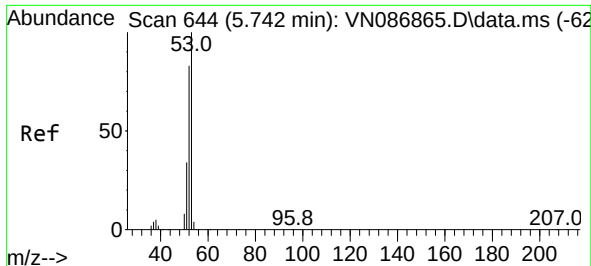
Ion Ratio Lower Upper

41 100

39 43.4 51.3 76.9#

76 0.0 31.4 47.0#

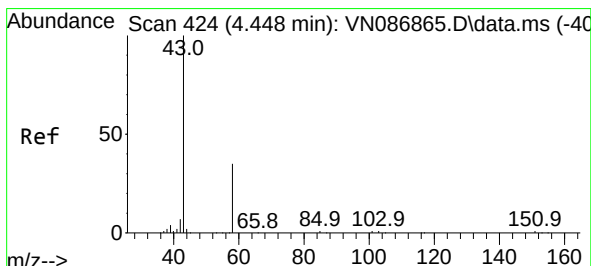
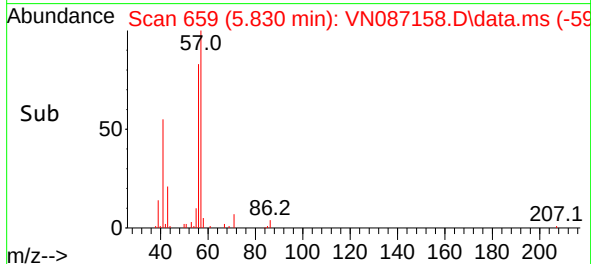
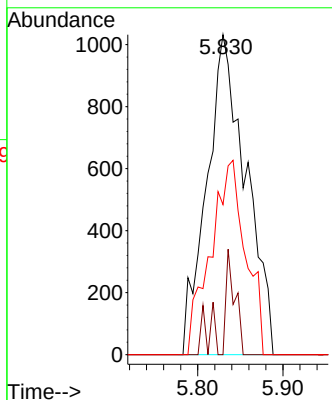
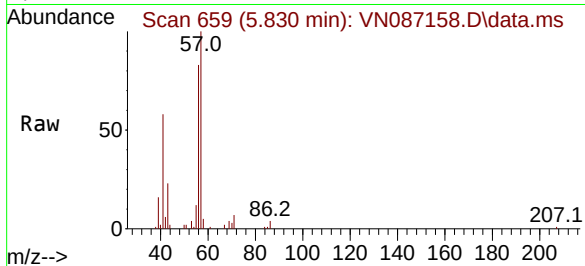




#15
Acrylonitrile
Concen: 2.472 ug/l
RT: 5.830 min Scan# 615
Delta R.T. 0.088 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

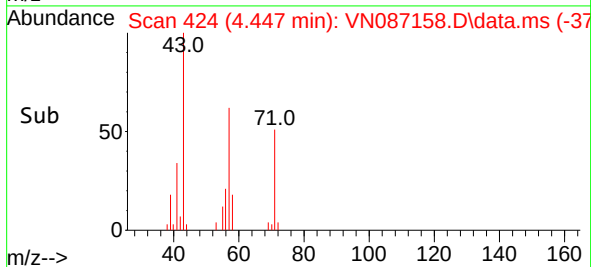
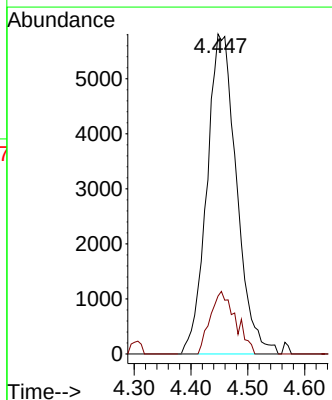
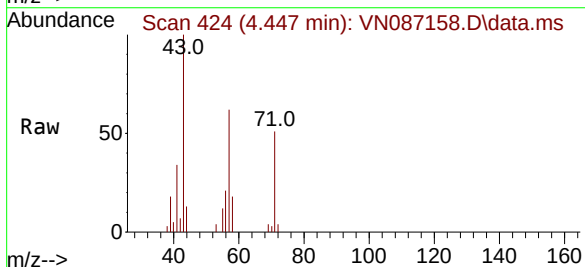
Instrument :
MSVOA_N
ClientSampleId :
MW2

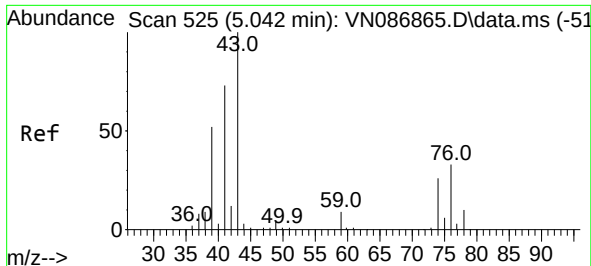
Tgt Ion: 53 Resp: 3305
Ion Ratio Lower Upper
53 100
52 7.5 65.0 97.6#
51 54.4 27.2 40.8#



#16
Acetone
Concen: 18.864 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 43 Resp: 21087
Ion Ratio Lower Upper
43 100
58 18.1 28.0 42.0#

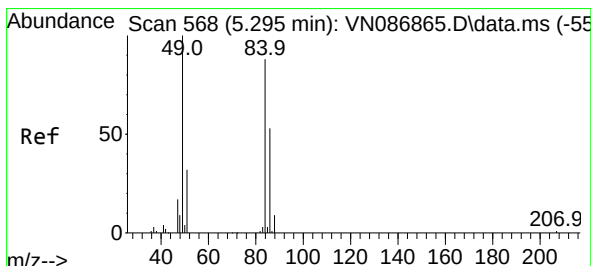
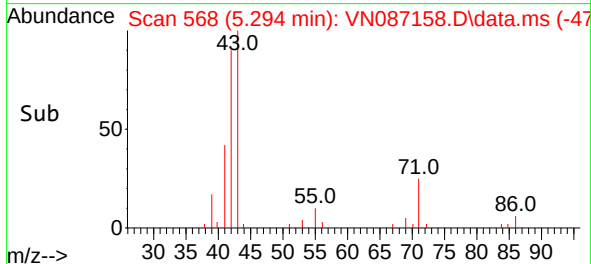
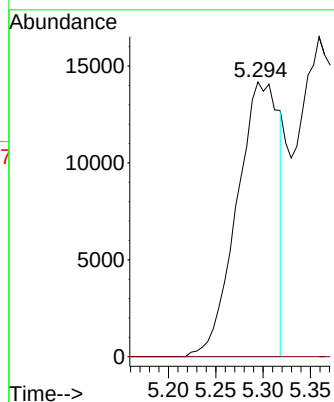
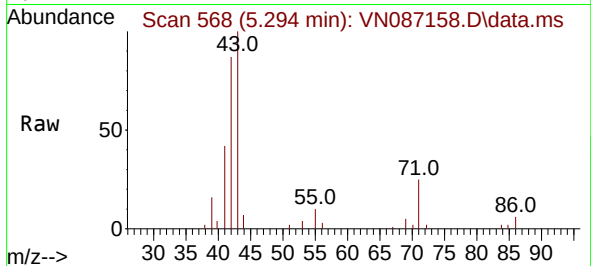




#18
Methyl Acetate
Concen: 13.394 ug/l
RT: 5.294 min Scan# 508
Delta R.T. 0.253 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

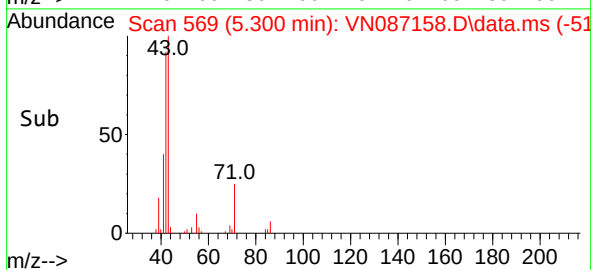
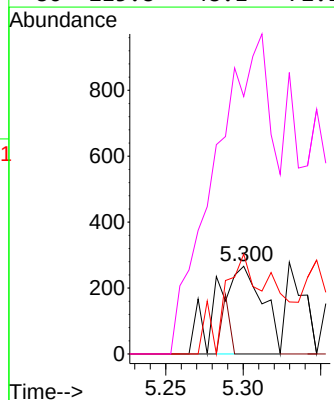
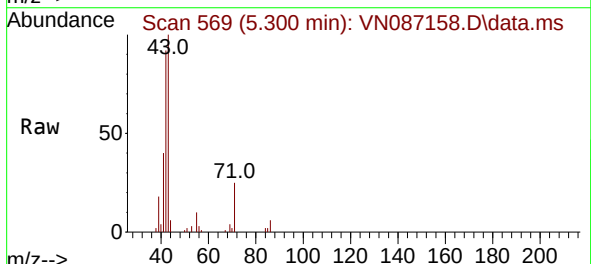
Instrument :
MSVOA_N
ClientSampleId :
MW2

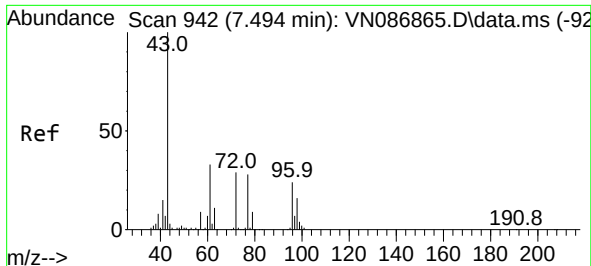
Tgt Ion: 43 Resp: 43632
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 84 Resp: 561
Ion Ratio Lower Upper
84 100
49 0.0 90.5 135.7#
51 113.9 28.5 42.7#
86 215.8 48.1 72.1#

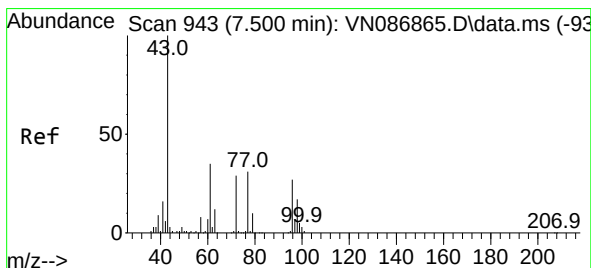
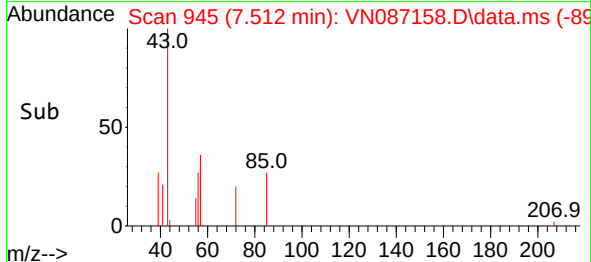
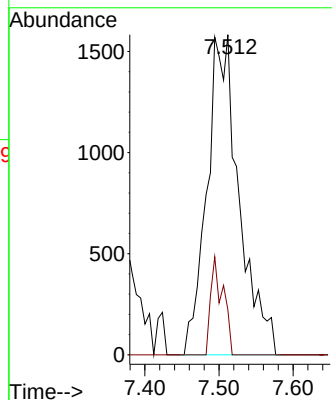
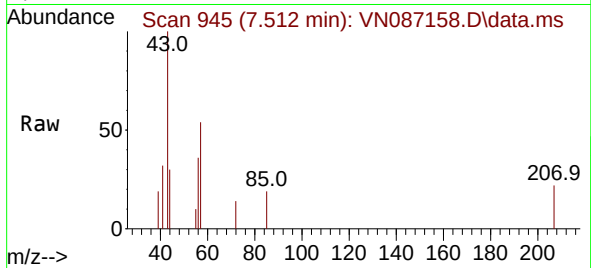




#25
2-Butanone
Concen: 2.627 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

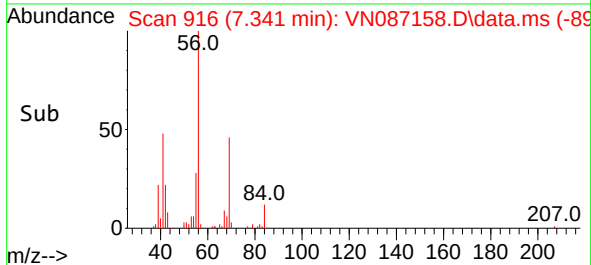
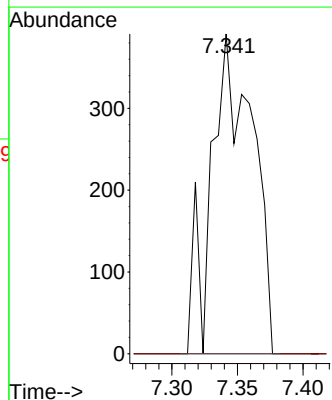
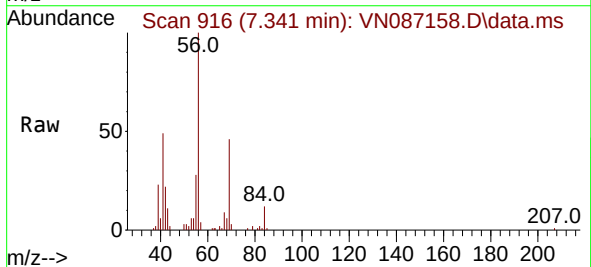
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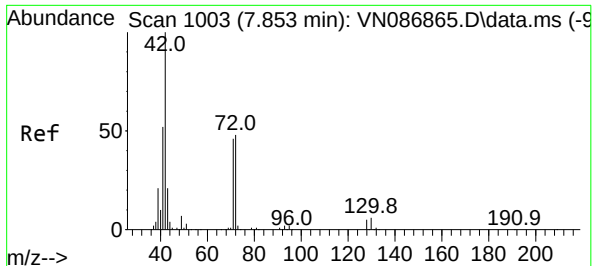
Tgt Ion: 43 Resp: 4773
Ion Ratio Lower Upper
43 100
72 14.0 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 0.315 ug/l
RT: 7.341 min Scan# 916
Delta R.T. -0.159 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 77 Resp: 865
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#





#29

Tetrahydrofuran

Concen: 0.206 ug/l

RT: 8.012 min Scan# 1030

Delta R.T. 0.159 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

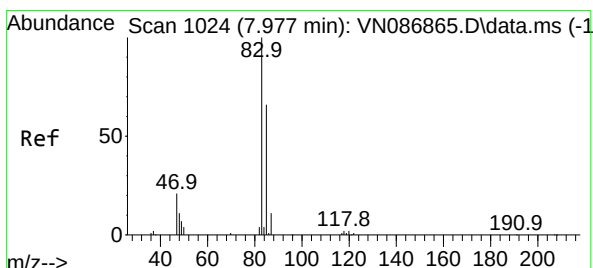
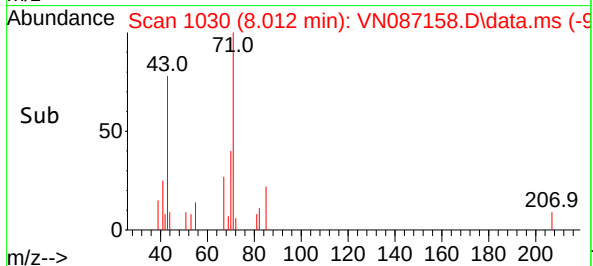
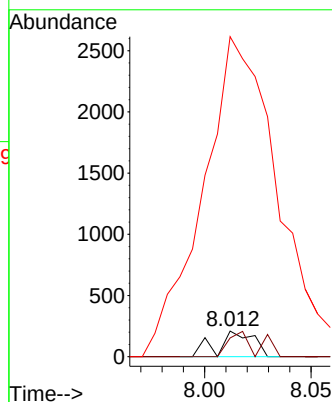
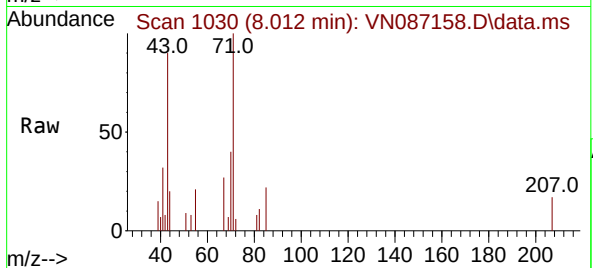
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	42	Resp:	244
Ion	Ratio	Lower	Upper
42	100		
72	78.3	37.8	56.6#
71	2617.2	35.6	53.4#



#30

Chloroform

Concen: 0.603 ug/l

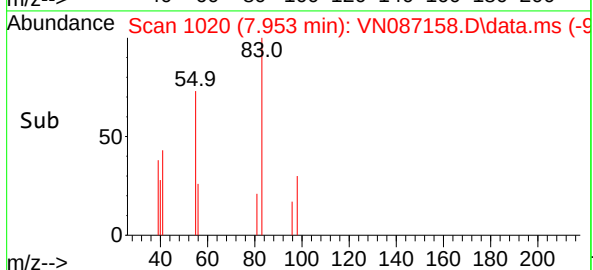
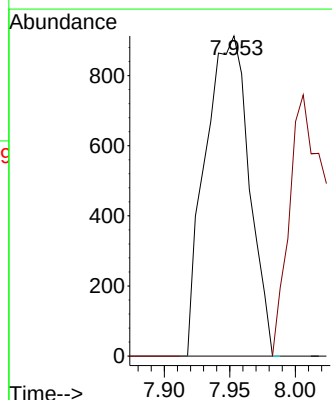
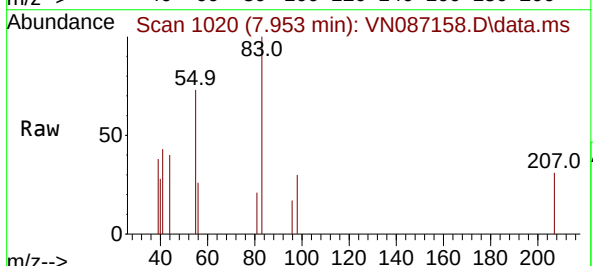
RT: 7.953 min Scan# 1020

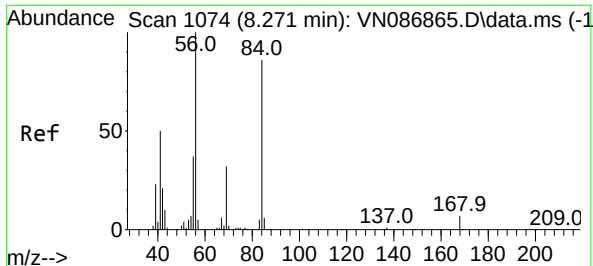
Delta R.T. -0.024 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Tgt Ion:	83	Resp:	2124
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.9	79.3#

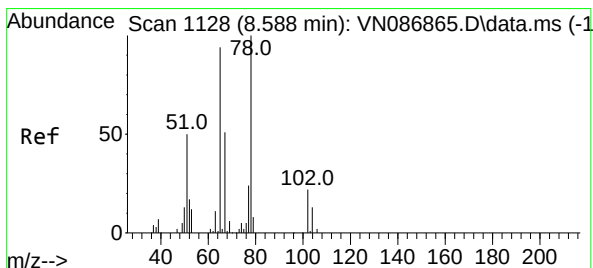
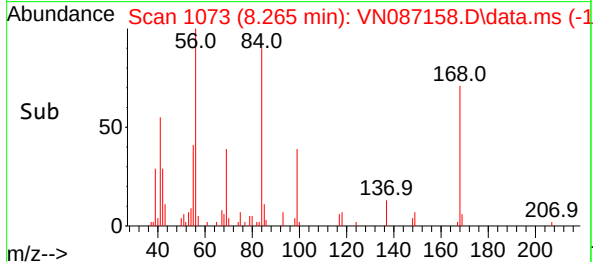
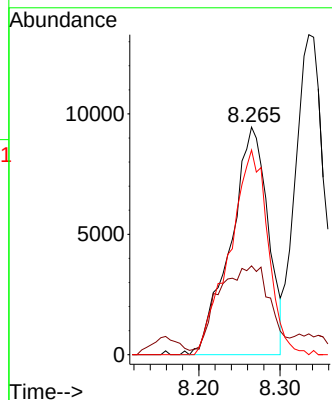
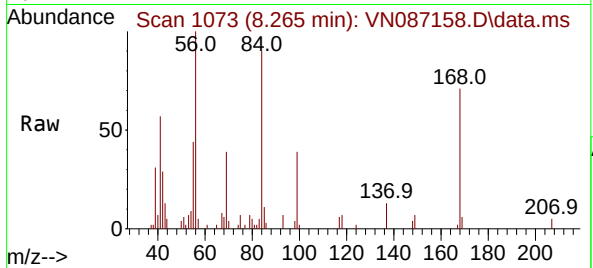




#31
Cyclohexane
Concen: 8.860 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

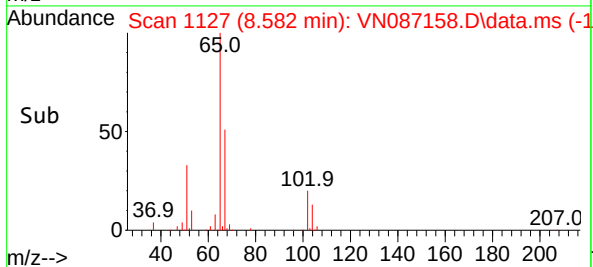
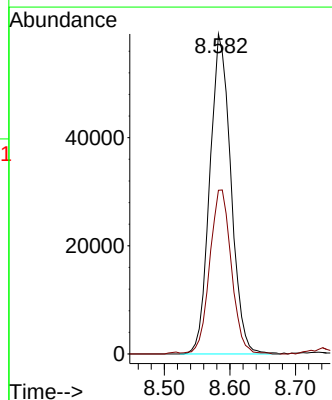
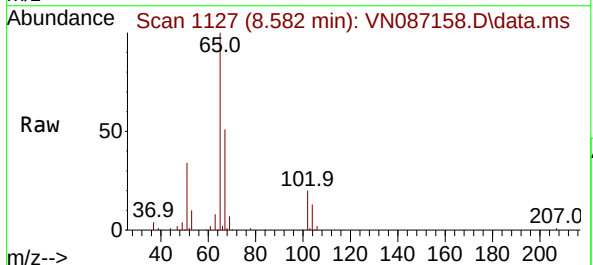
Instrument :
MSVOA_N
ClientSampleId :
MW2

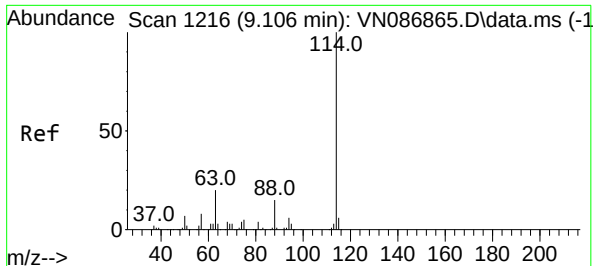
Tgt Ion: 56 Resp: 30291
Ion Ratio Lower Upper
56 100
69 34.0 25.4 38.0
84 89.9 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 62.656 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 65 Resp: 132073
Ion Ratio Lower Upper
65 100
67 52.7 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: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

MW2

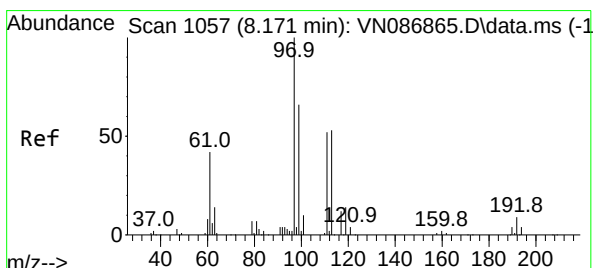
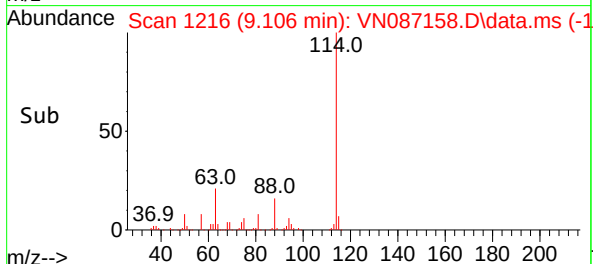
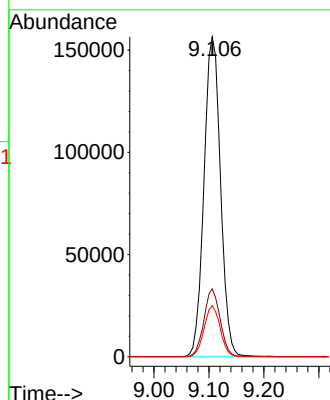
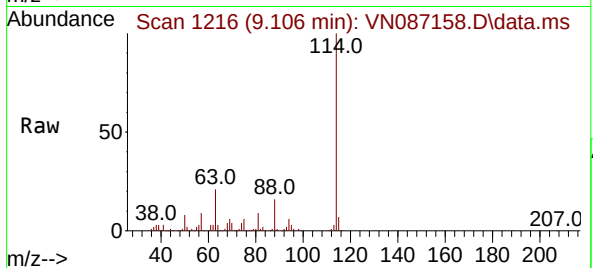
Tgt Ion:114 Resp: 327285

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.953 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

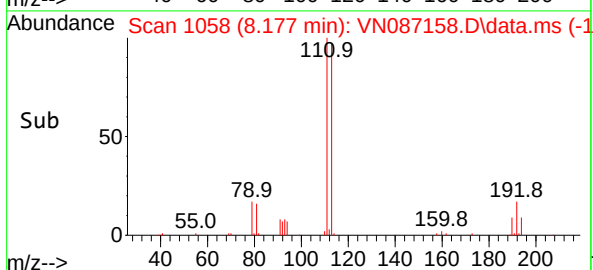
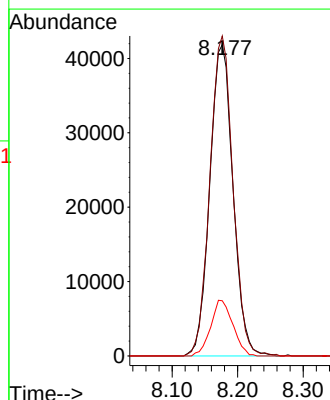
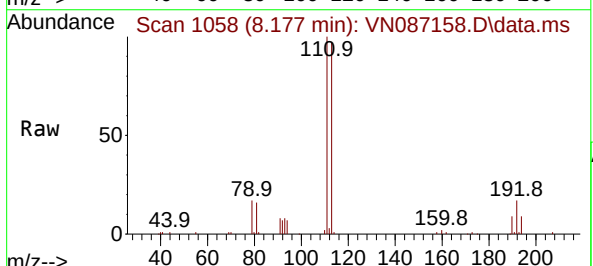
Tgt Ion:113 Resp: 102705

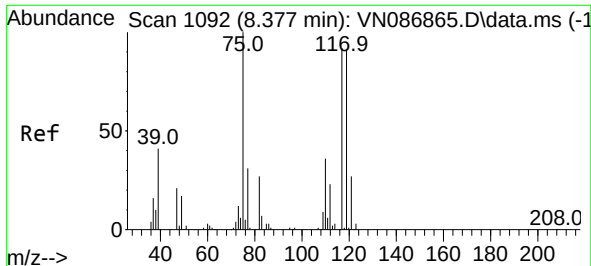
Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.2

192 17.2 14.2 21.4

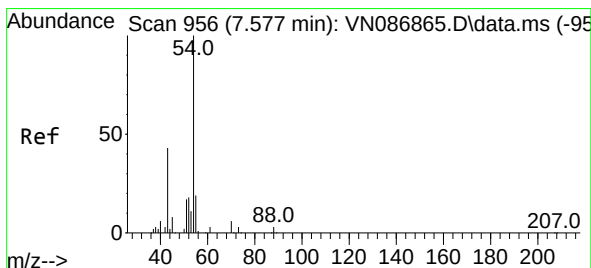
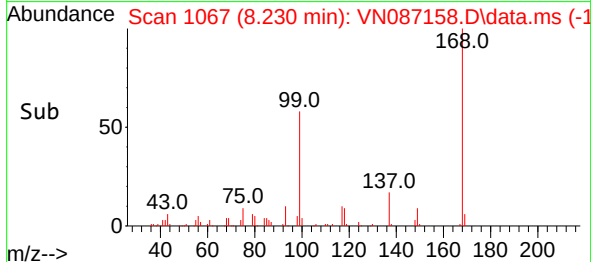
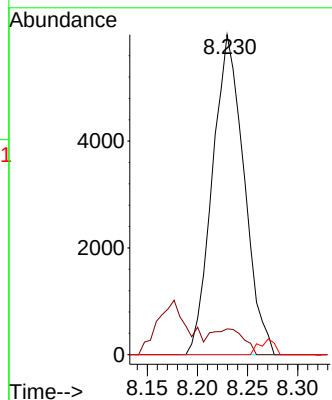
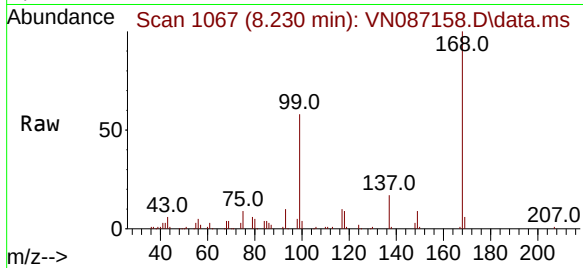




#36
1,1-Dichloropropene
Concen: 4.541 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

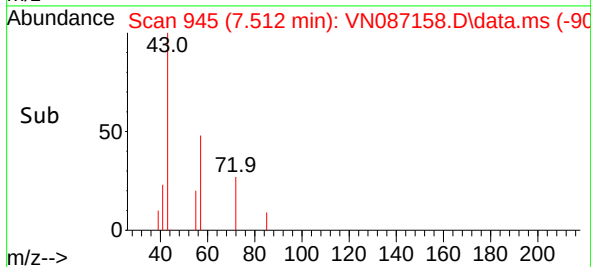
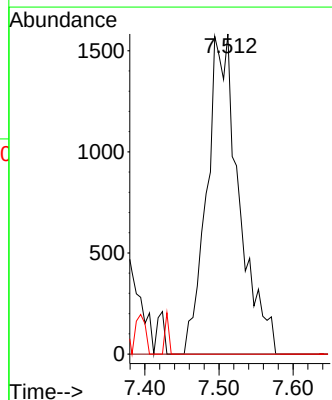
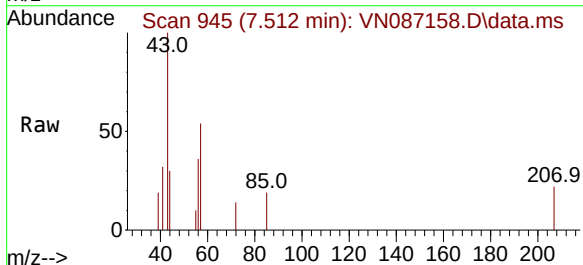
Instrument :
MSVOA_N
ClientSampleId :
MW2

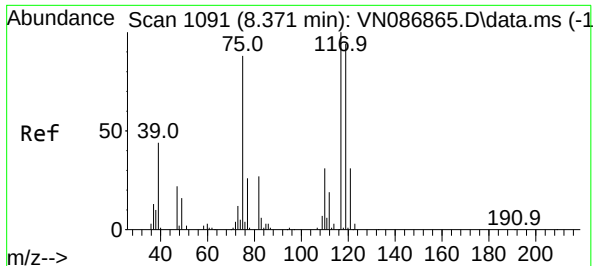
Tgt Ion: 75 Resp: 13123
Ion Ratio Lower Upper
75 100
110 7.3 17.6 52.9#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.297 ug/l
RT: 7.512 min Scan# 945
Delta R.T. -0.065 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 43 Resp: 4773
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#

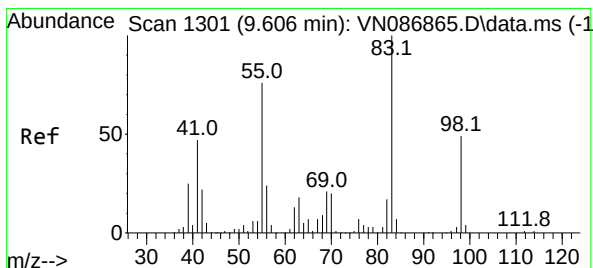
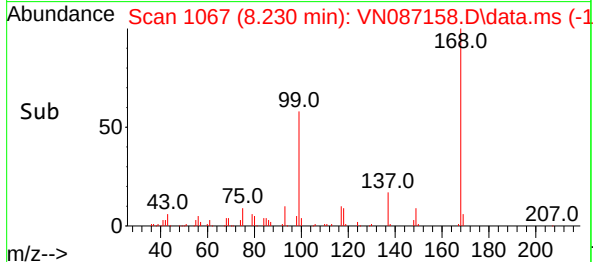
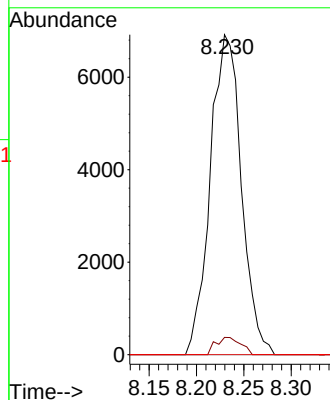
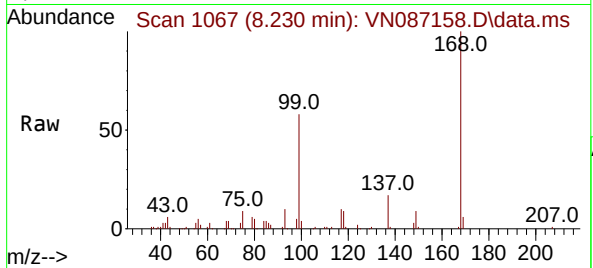




#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

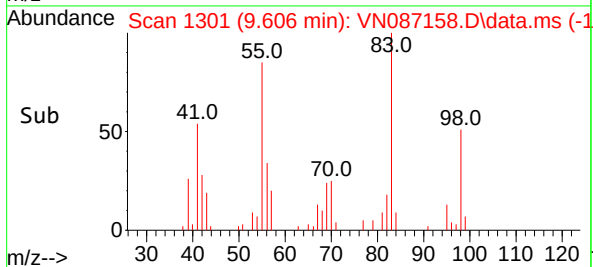
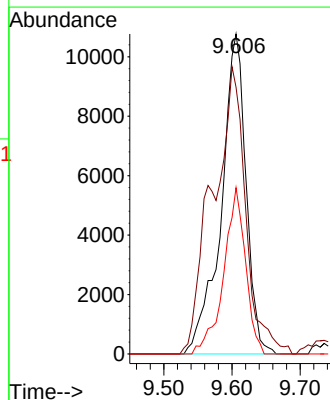
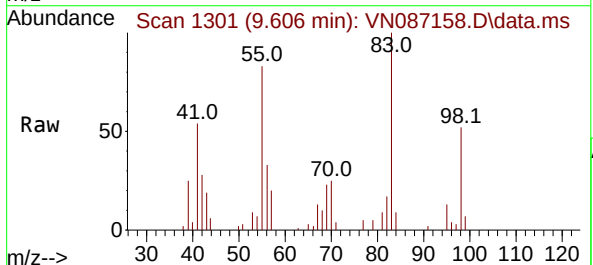
Instrument :
MSVOA_N
ClientSampleId :
MW2

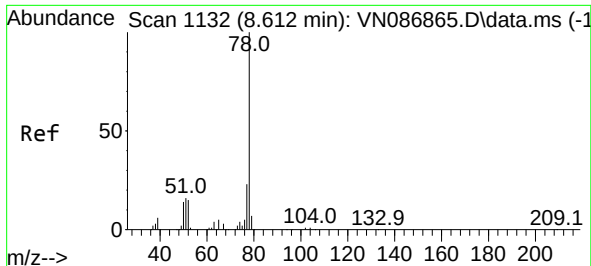
Tgt Ion:117 Resp: 15818
Ion Ratio Lower Upper
117 100
119 5.4 75.0 112.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 6.907 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 83 Resp: 27348
Ion Ratio Lower Upper
83 100
55 83.4 61.0 91.6
98 52.0 38.9 58.3

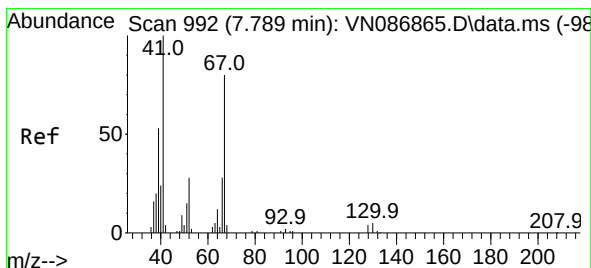
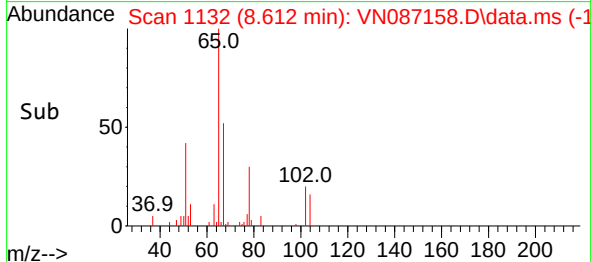
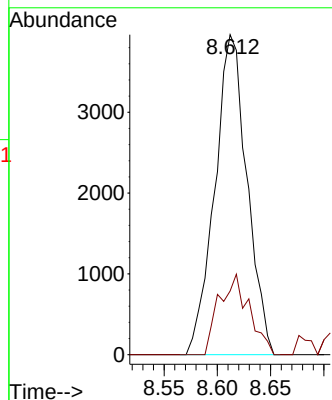
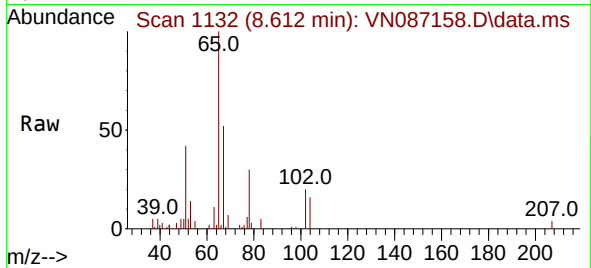




#40
Benzene
Concen: 0.883 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

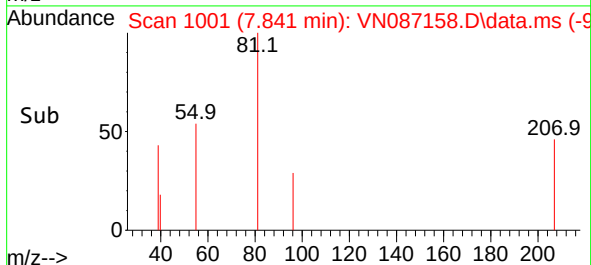
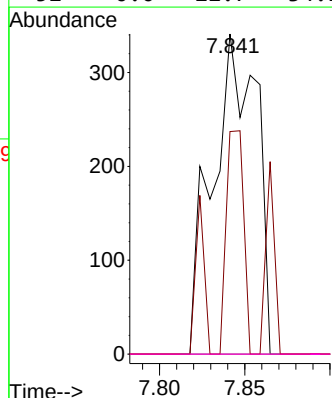
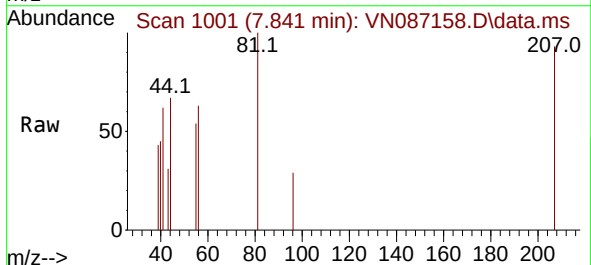
Instrument :
MSVOA_N
ClientSampleId :
MW2

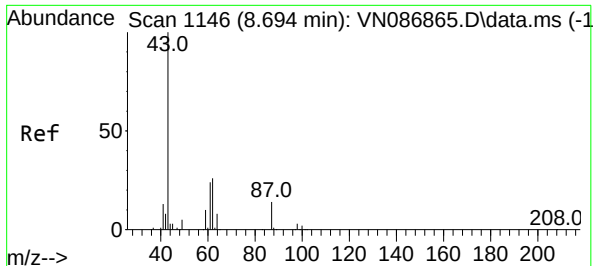
Tgt Ion: 78 Resp: 8349
Ion Ratio Lower Upper
78 100
77 19.9 18.7 28.1



#41
Methacrylonitrile
Concen: 0.297 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.053 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 41 Resp: 613
Ion Ratio Lower Upper
41 100
39 27.4 41.2 61.8#
67 0.0 61.4 92.2#
52 0.0 22.7 34.1#





#43

Isopropyl Acetate

Concen: 1.880 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

MW2

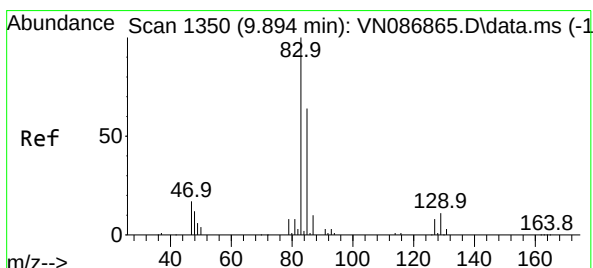
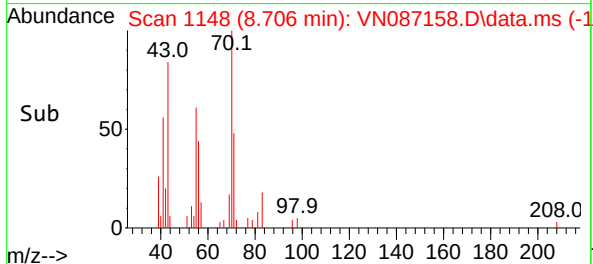
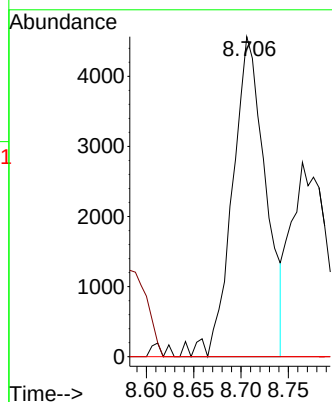
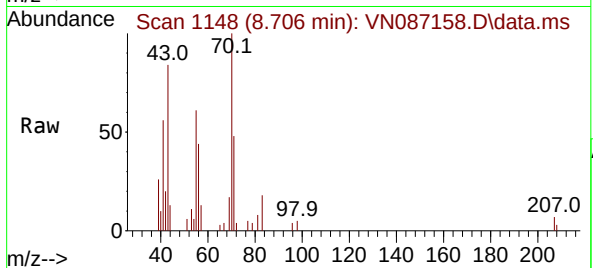
Tgt Ion: 43 Resp: 11103

Ion Ratio Lower Upper

43 100

61 0.0 22.1 33.1#

87 0.0 11.8 17.6#



#47

Bromodichloromethane

Concen: 0.519 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.024 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

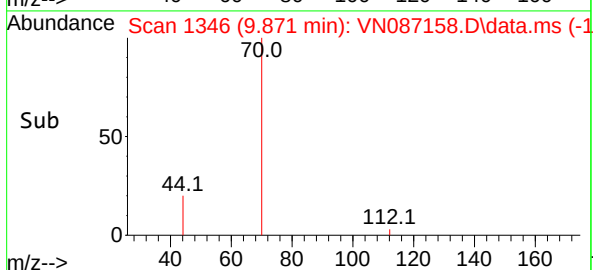
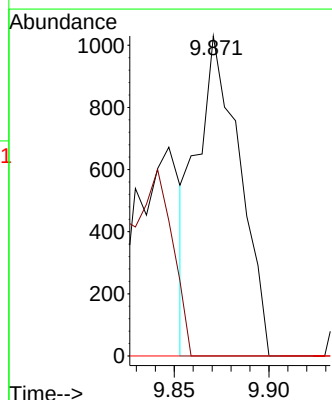
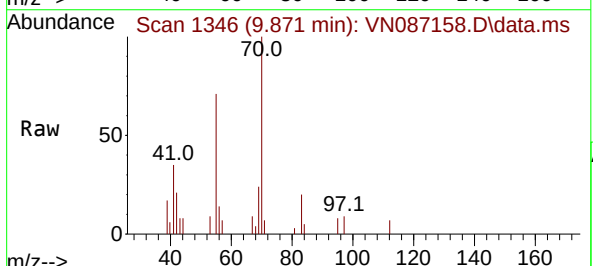
Tgt Ion: 83 Resp: 1632

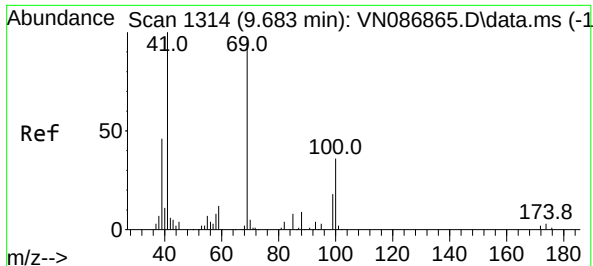
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 0.462 ug/l

RT: 9.729 min Scan# 1

Delta R.T. 0.047 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

MW2

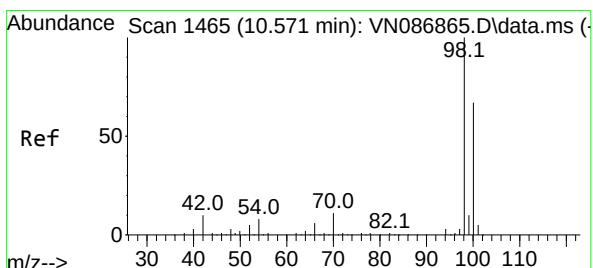
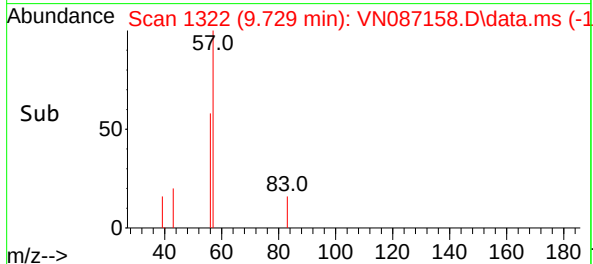
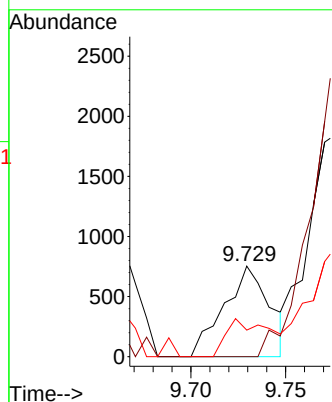
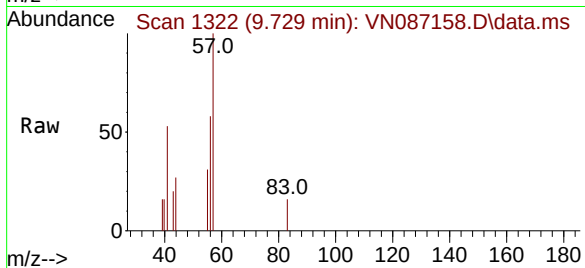
Tgt Ion: 41 Resp: 1256

Ion Ratio Lower Upper

41 100

69 0.0 74.6 112.0#

39 39.3 40.2 60.4#



#50

Toluene-d8

Concen: 51.043 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087158.D

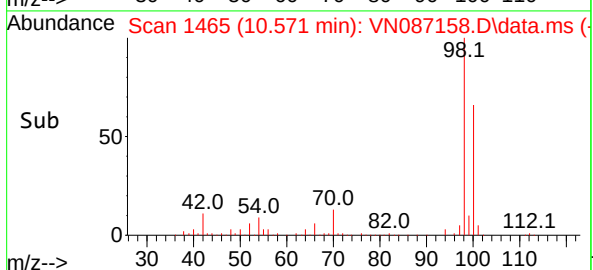
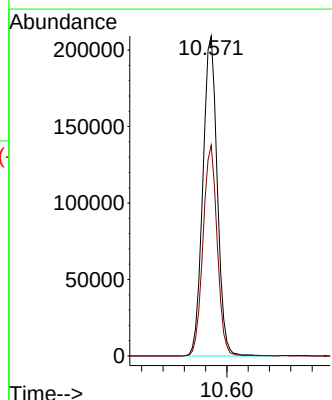
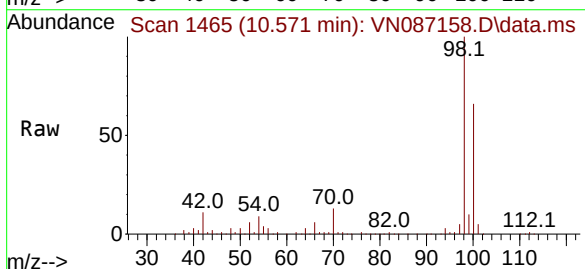
Acq: 24 Jun 2025 15:49

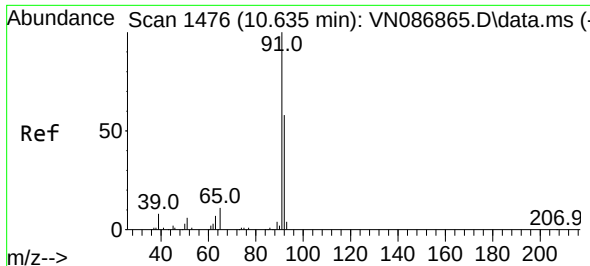
Tgt Ion: 98 Resp: 391918

Ion Ratio Lower Upper

98 100

100 64.6 53.4 80.0

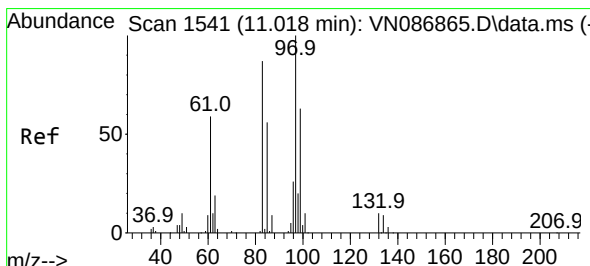
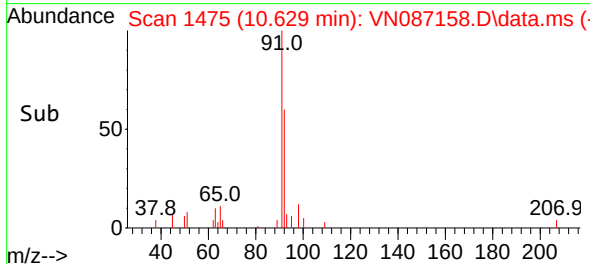
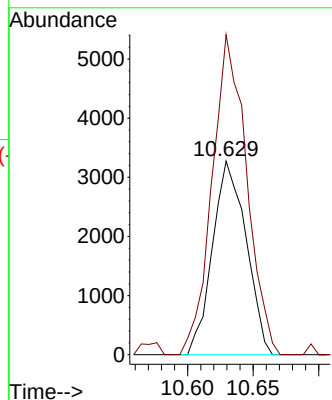
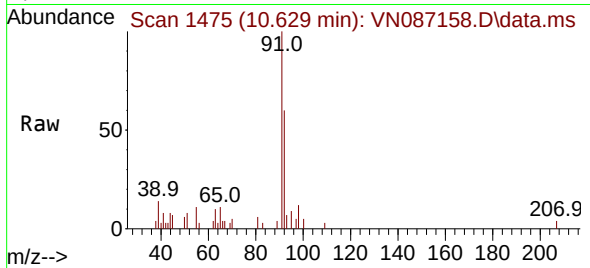




#52
Toluene
Concen: 1.011 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

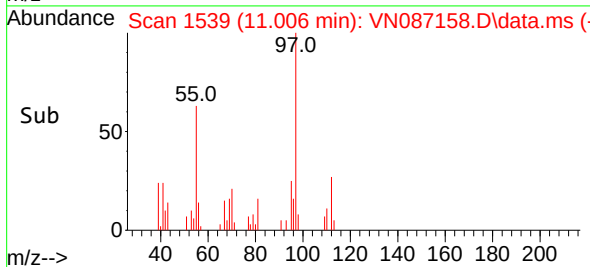
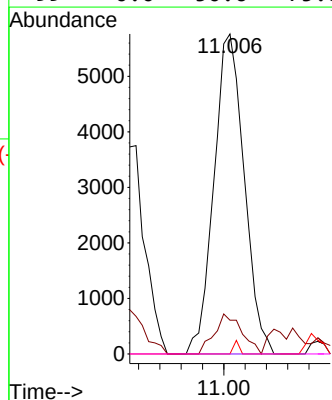
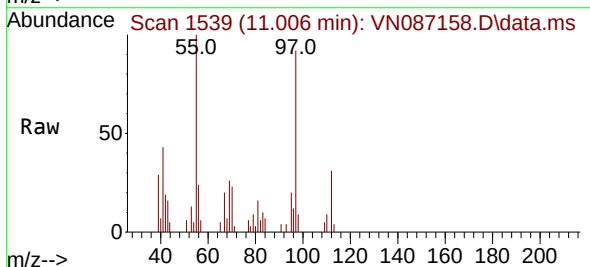
Instrument :
MSVOA_N
ClientSampleId :
MW2

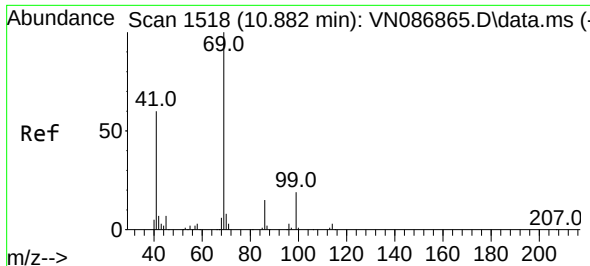
Tgt Ion: 92 Resp: 5839
Ion Ratio Lower Upper
92 100
91 169.6 136.5 204.7



#55
1,1,2-Trichloroethane
Concen: 5.115 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 97 Resp: 11367
Ion Ratio Lower Upper
97 100
83 10.6 69.7 104.5#
85 0.0 45.1 67.7#
99 0.0 50.6 75.8#

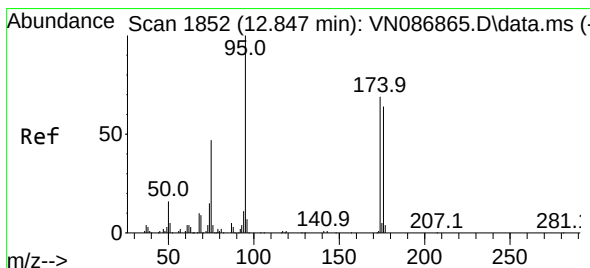
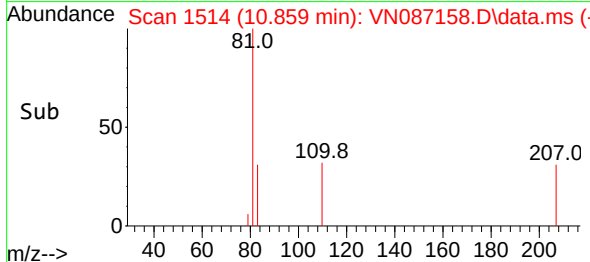
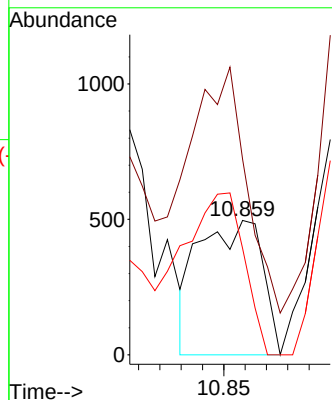
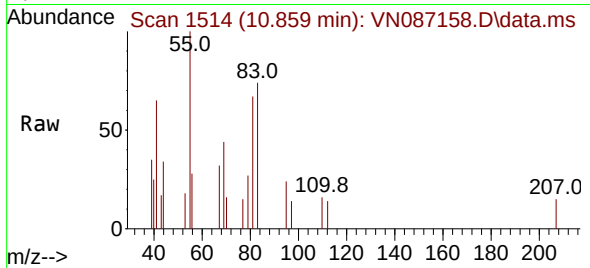




#56
Ethyl methacrylate
Concen: 0.290 ug/l
RT: 10.859 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

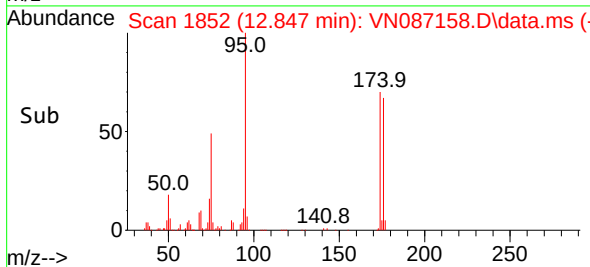
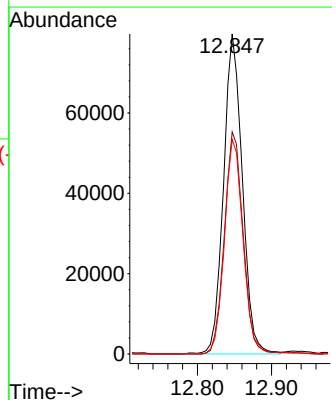
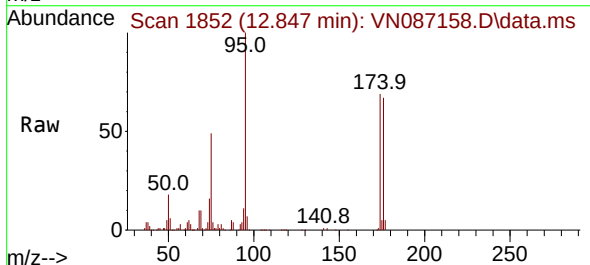
Instrument :
MSVOA_N
ClientSampleId :
MW2

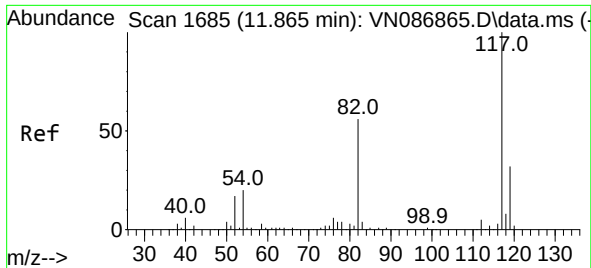
Tgt Ion: 69 Resp: 1025
Ion Ratio Lower Upper
69 100
41 161.0 47.2 70.8#
39 117.5 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 49.197 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 95 Resp: 140345
Ion Ratio Lower Upper
95 100
174 69.0 0.0 141.8
176 66.7 0.0 132.6

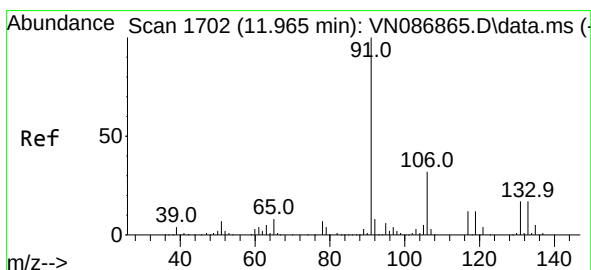
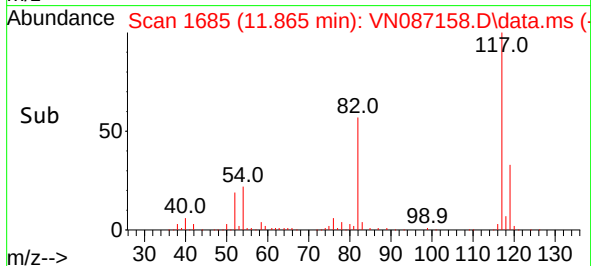
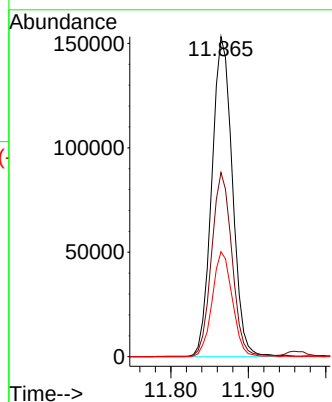
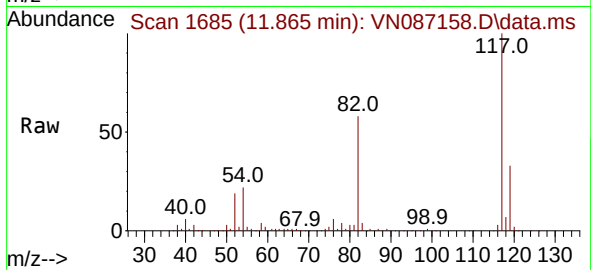




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

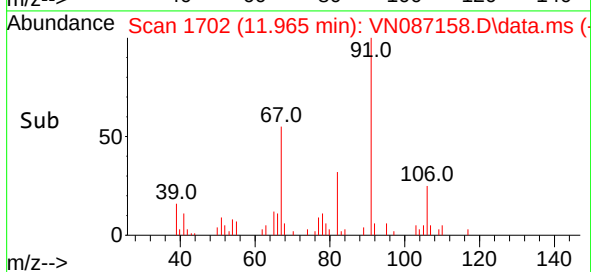
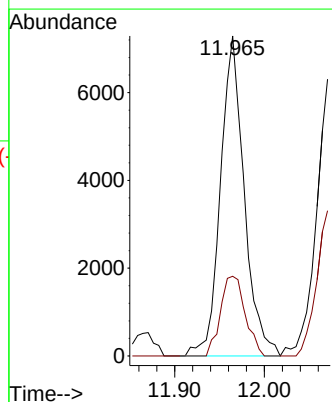
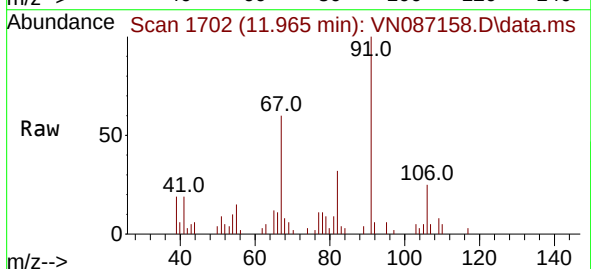
Instrument :
MSVOA_N
ClientSampleId :
MW2

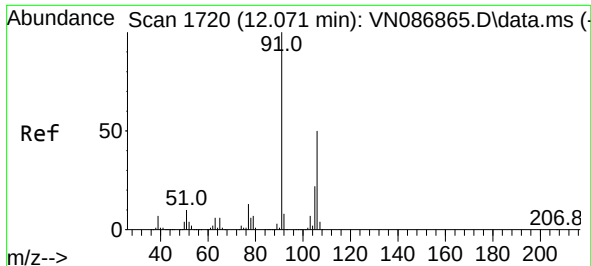
Tgt Ion:117 Resp: 283057
Ion Ratio Lower Upper
117 100
82 57.4 44.6 67.0
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.247 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 91 Resp: 13406
Ion Ratio Lower Upper
91 100
106 24.9 25.4 38.2#

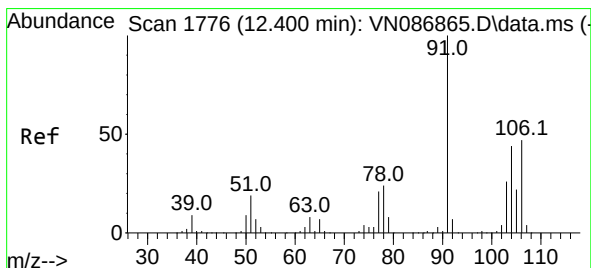
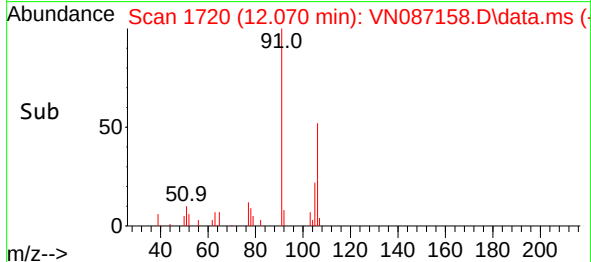
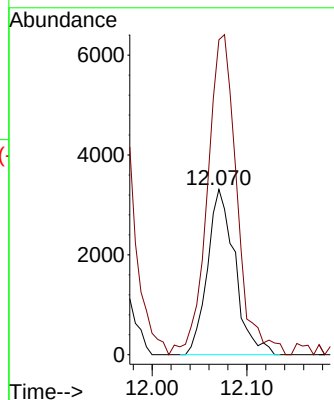
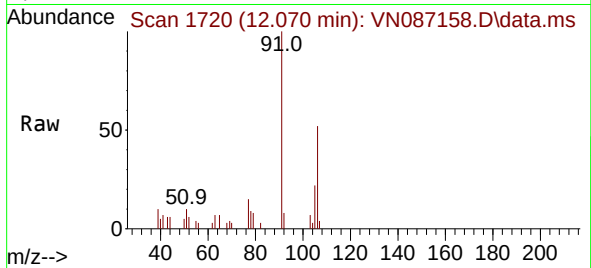




#68
m/p-Xylenes
Concen: 1.622 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

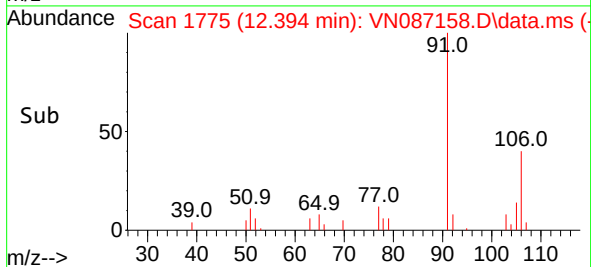
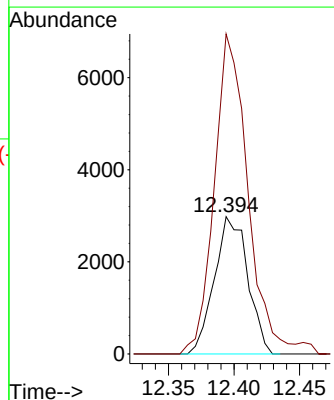
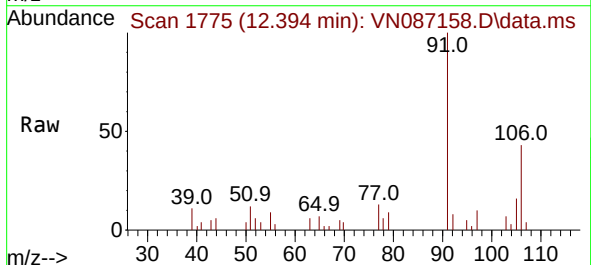
Instrument :
MSVOA_N
ClientSampleId :
MW2

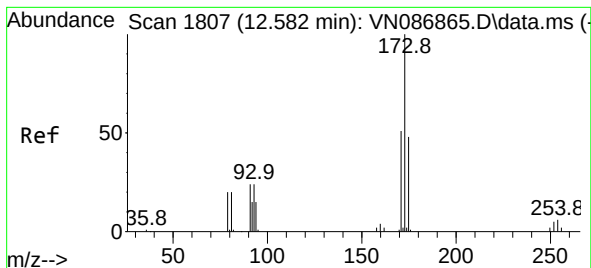
Tgt Ion:106 Resp: 6676
Ion Ratio Lower Upper
106 100
91 207.4 159.4 239.0



#69
o-Xylene
Concen: 1.338 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion:106 Resp: 5275
Ion Ratio Lower Upper
106 100
91 235.8 106.1 318.1





#71

Bromoform

Concen: 0.586 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

MW2

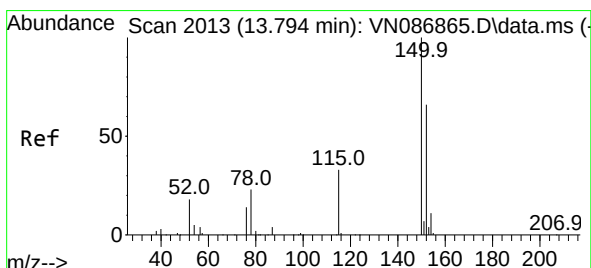
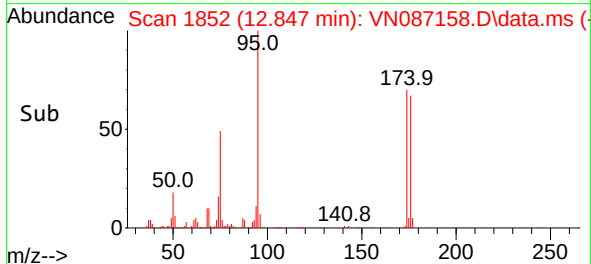
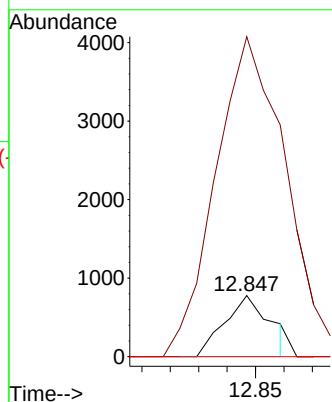
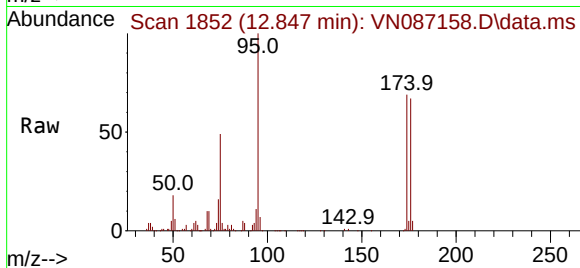
Tgt Ion:173 Resp: 872

Ion Ratio Lower Upper

173 100

175 695.5 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# 2012

Delta R.T. -0.006 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

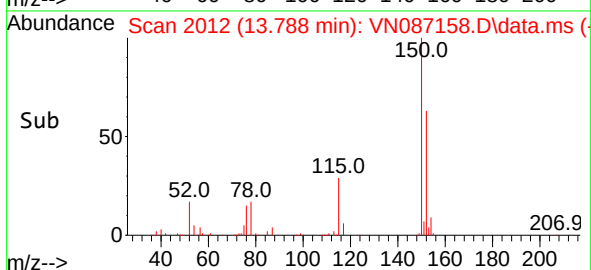
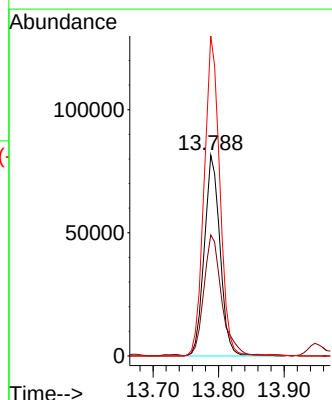
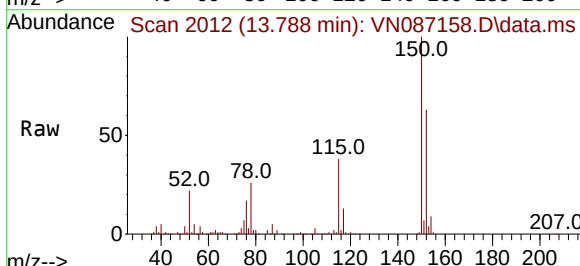
Tgt Ion:152 Resp: 135954

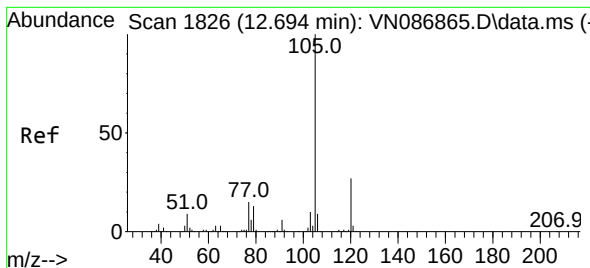
Ion Ratio Lower Upper

152 100

115 68.3 30.1 90.5

150 158.9 0.0 345.0





#73

Isopropylbenzene

Concen: 8.436 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

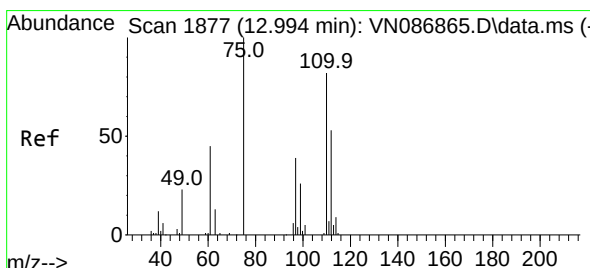
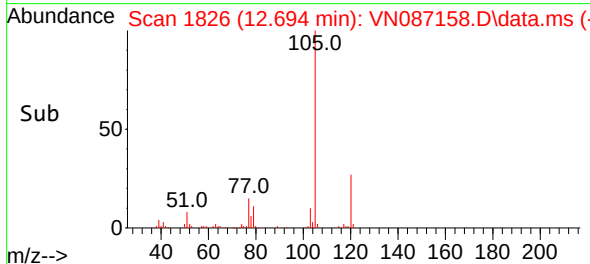
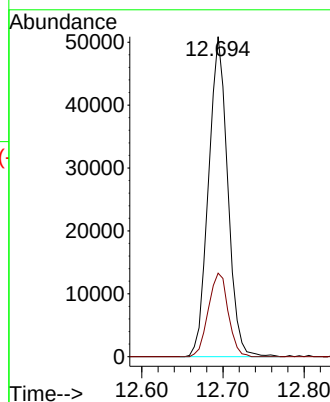
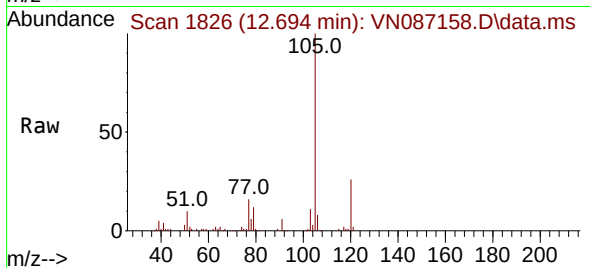
MW2

Tgt Ion:105 Resp: 83552

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 0.785 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.041 min

Lab File: VN087158.D

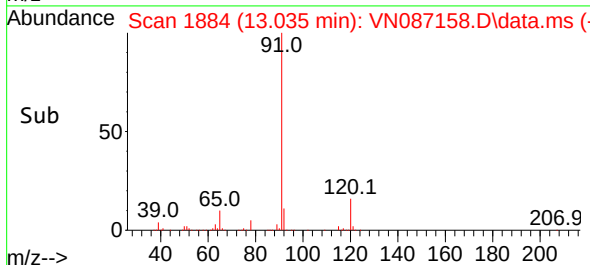
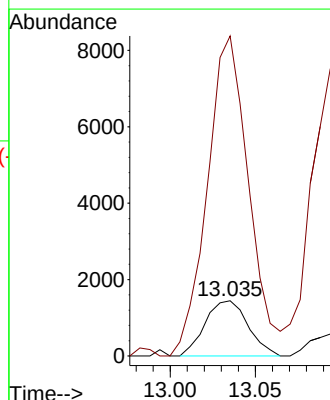
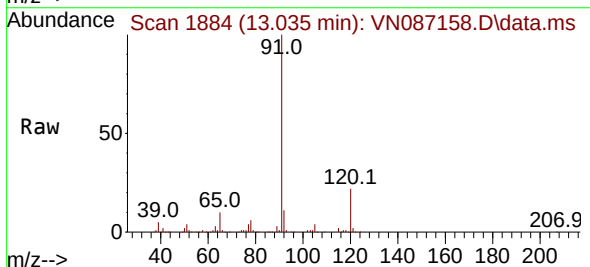
Acq: 24 Jun 2025 15:49

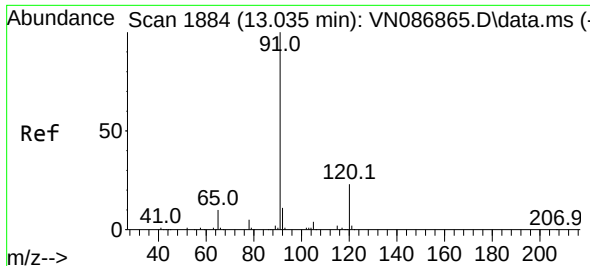
Tgt Ion: 75 Resp: 2536

Ion Ratio Lower Upper

75 100

77 556.4 79.3 237.9#

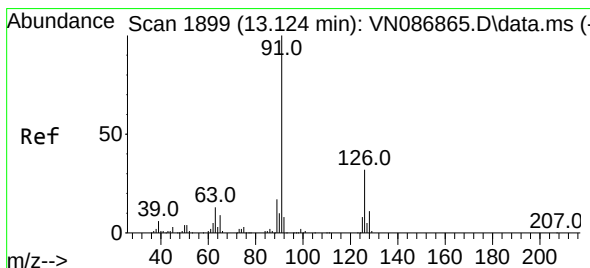
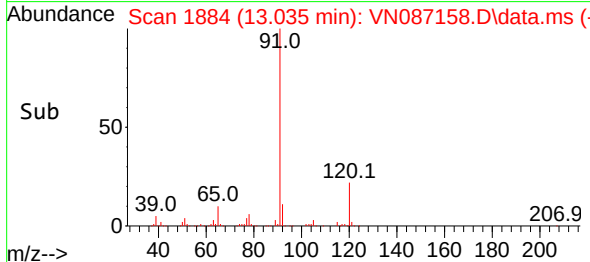
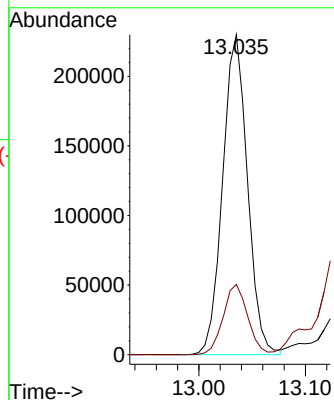
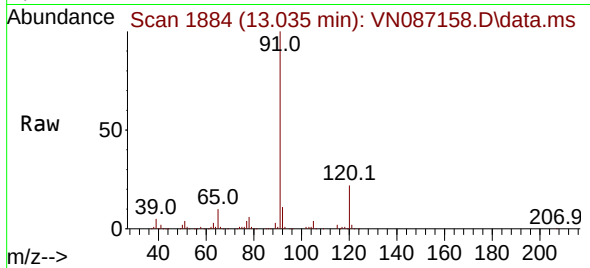




#78
n-propylbenzene
Concen: 30.898 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

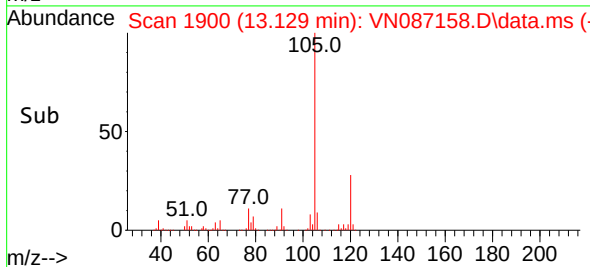
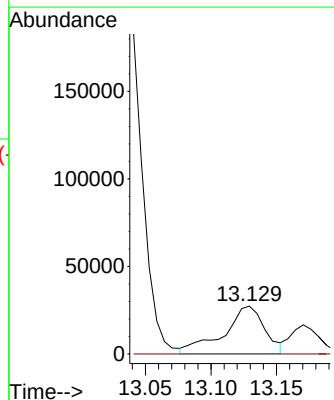
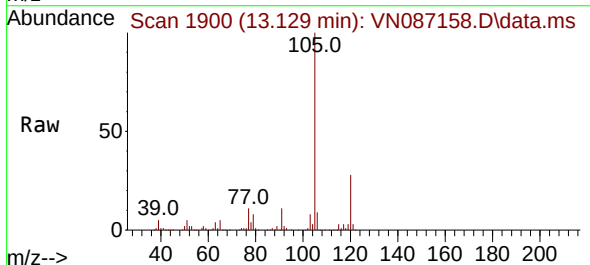
Instrument :
MSVOA_N
ClientSampleId :
MW2

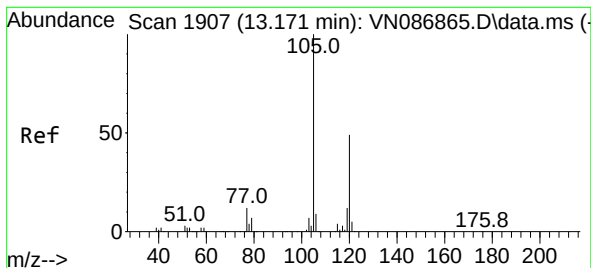
Tgt Ion: 91 Resp: 371896
Ion Ratio Lower Upper
91 100
120 21.6 11.4 34.2



#79
2-Chlorotoluene
Concen: 8.120 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 91 Resp: 58611
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#





#80

1,3,5-Trimethylbenzene

Concen: 29.305 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

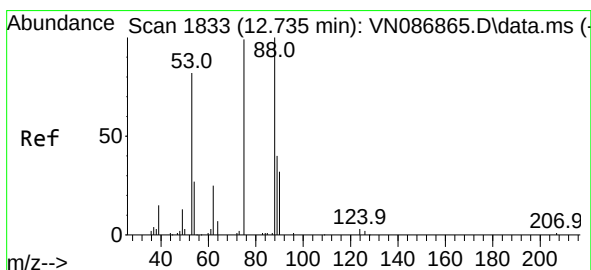
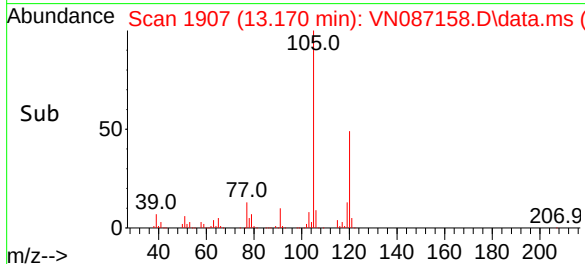
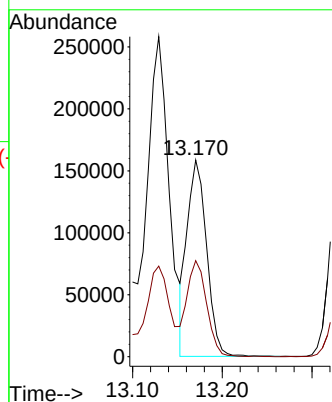
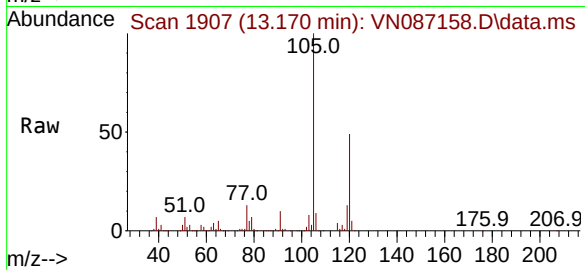
MW2

Tgt Ion:105 Resp: 239634

Ion Ratio Lower Upper

105 100

120 52.2 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 48.319 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN087158.D

Acq: 24 Jun 2025 15:49

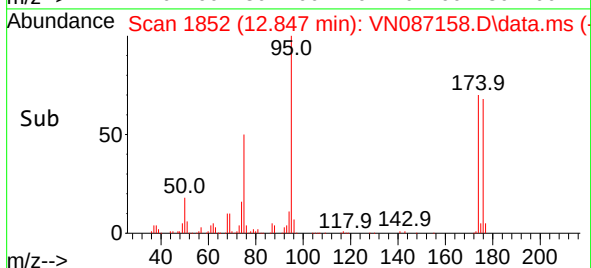
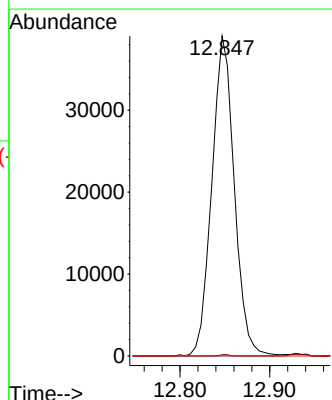
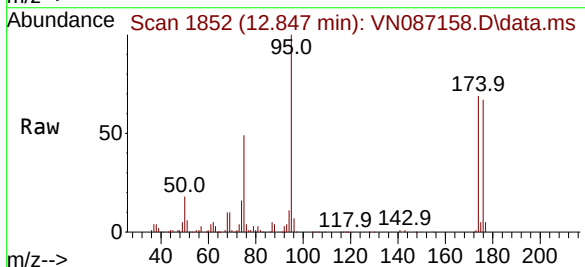
Tgt Ion: 75 Resp: 67834

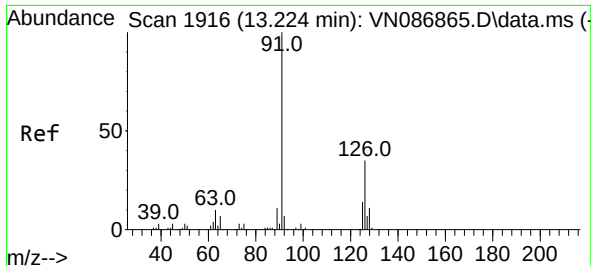
Ion Ratio Lower Upper

75 100

53 0.2 66.6 99.8#

89 0.0 36.7 55.1#

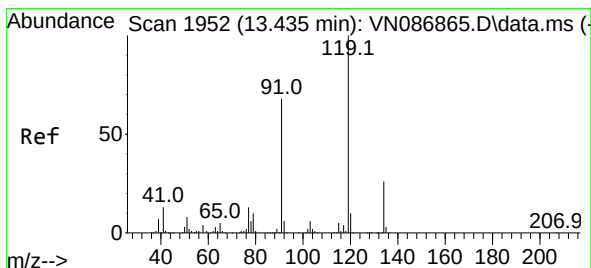
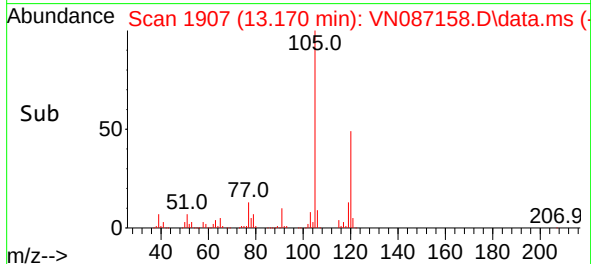
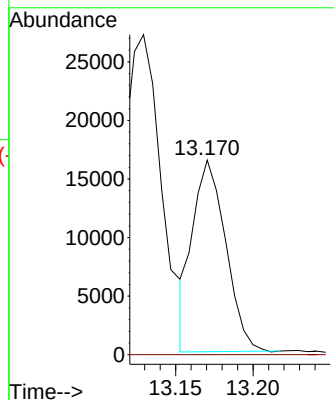
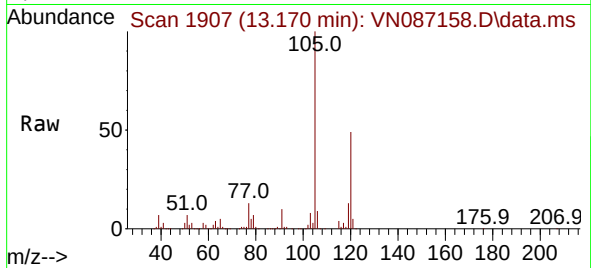




#82
4-Chlorotoluene
Concen: 3.332 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

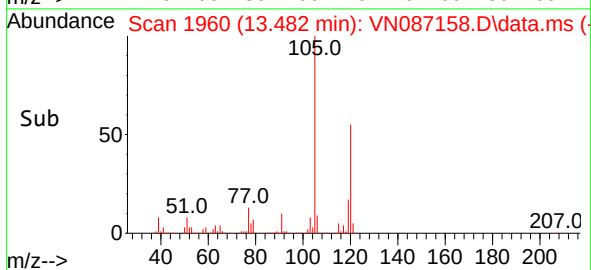
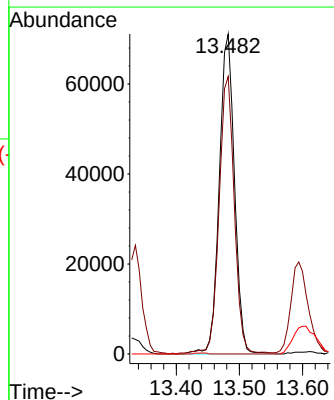
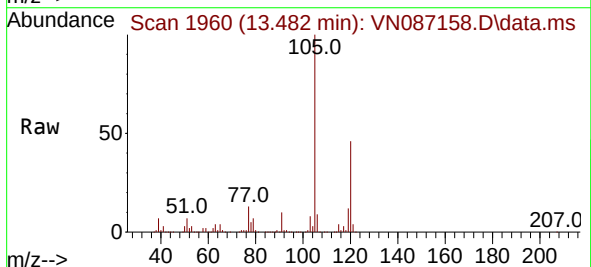
Instrument :
MSVOA_N
ClientSampleId :
MW2

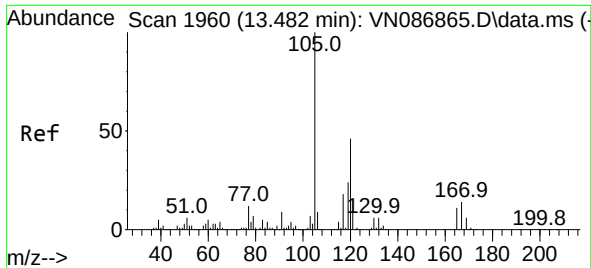
Tgt Ion: 91 Resp: 24334
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#



#83
tert-Butylbenzene
Concen: 15.858 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 119 Resp: 118703
Ion Ratio Lower Upper
119 100
91 87.2 32.1 96.5
134 0.0 13.4 40.1#

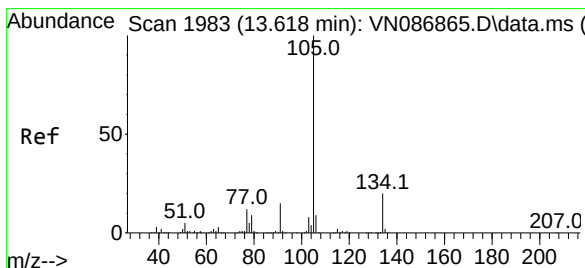
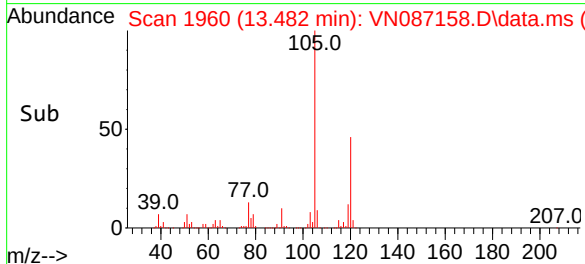
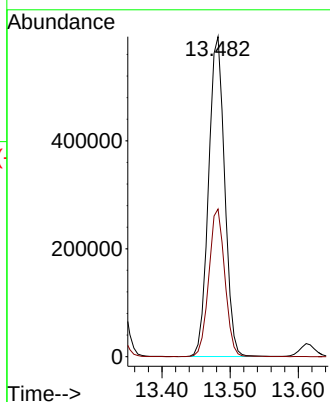
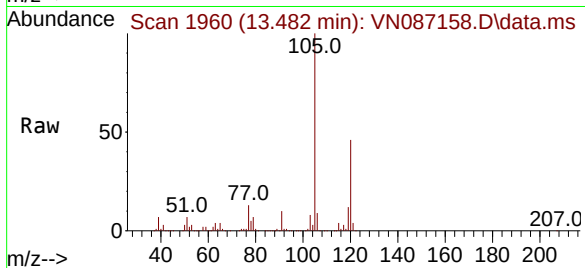




#84
1,2,4-Trimethylbenzene
Concen: 118.688 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

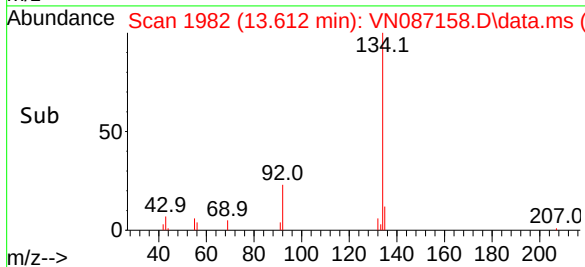
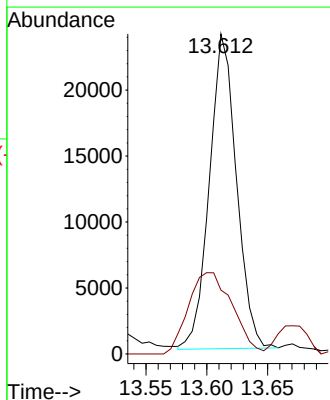
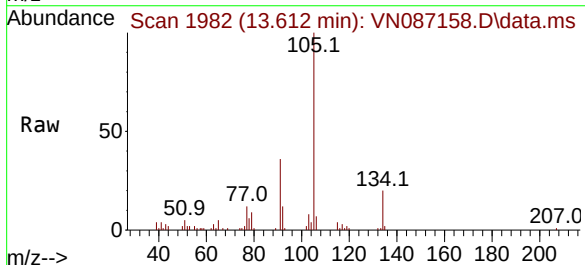
Instrument :
MSVOA_N
ClientSampleId :
MW2

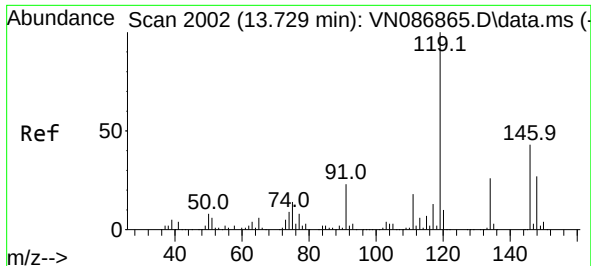
Tgt Ion:105 Resp: 973219
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6



#85
sec-Butylbenzene
Concen: 3.396 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion:105 Resp: 36918
Ion Ratio Lower Upper
105 100
134 41.8 10.0 30.0#

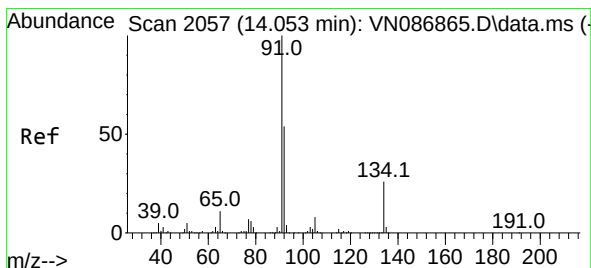
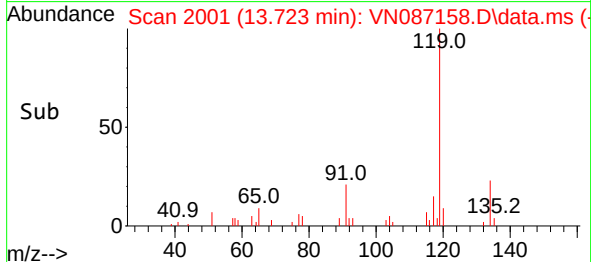
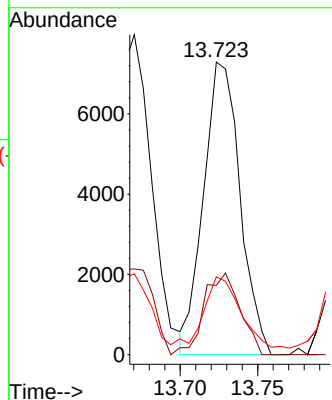
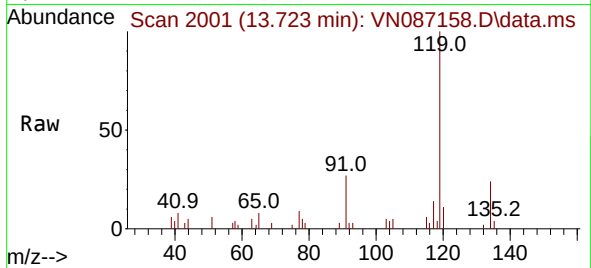




#86
p-Isopropyltoluene
Concen: 1.329 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

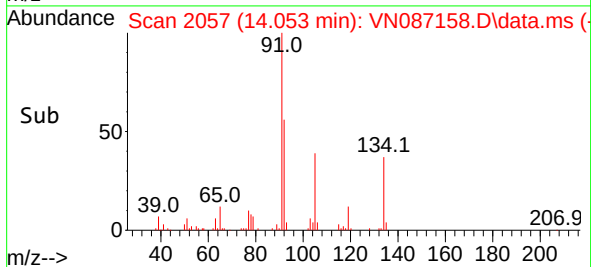
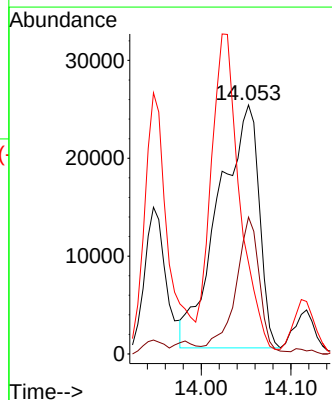
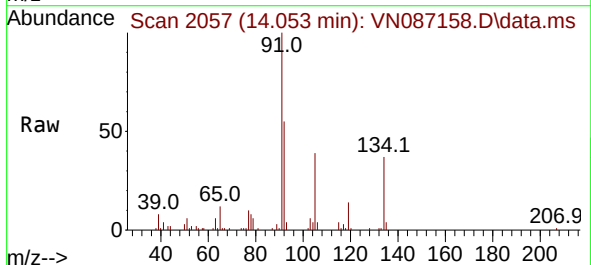
Instrument :
MSVOA_N
ClientSampleId :
MW2

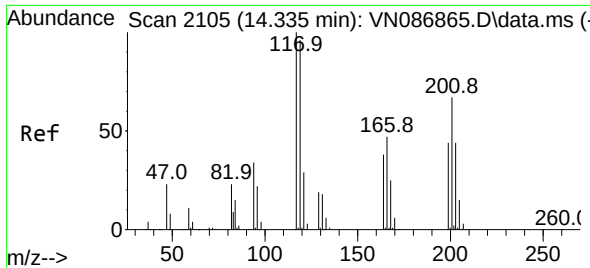
Tgt Ion:119 Resp: 11946
Ion Ratio Lower Upper
119 100
134 27.0 13.5 40.4
91 0.0 11.5 34.4#



#89
n-Butylbenzene
Concen: 8.927 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 91 Resp: 77695
Ion Ratio Lower Upper
91 100
92 32.2 27.5 82.4
134 0.0 13.0 39.0#

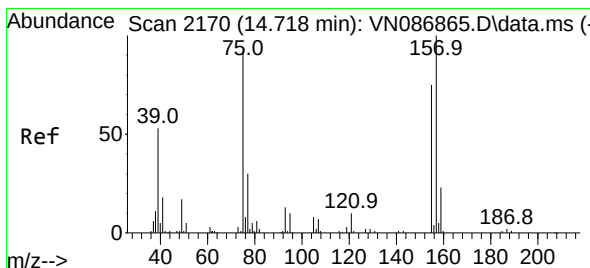
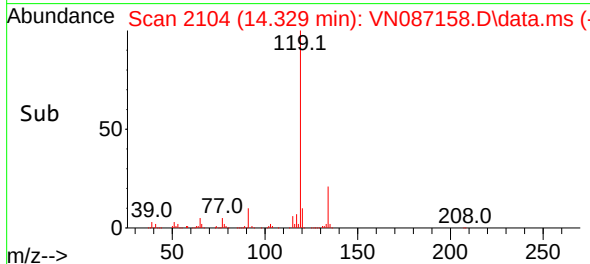
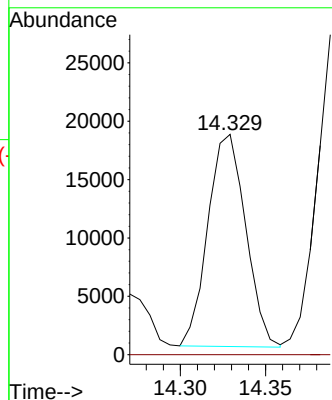
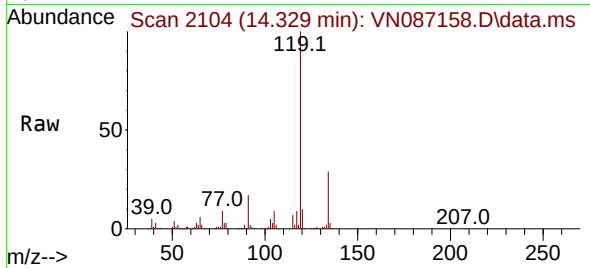




#90
Hexachloroethane
Concen: 18.420 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

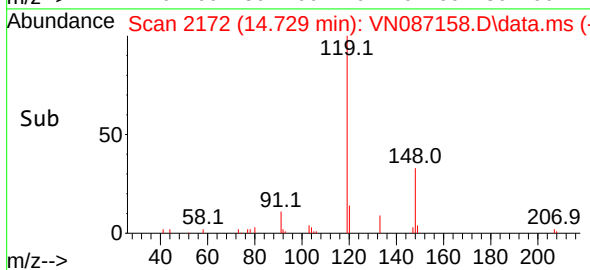
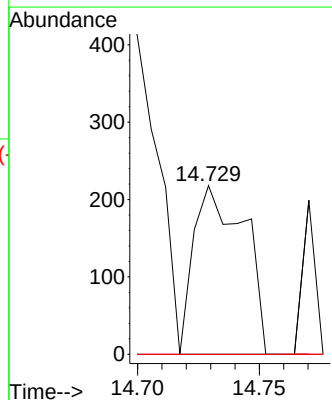
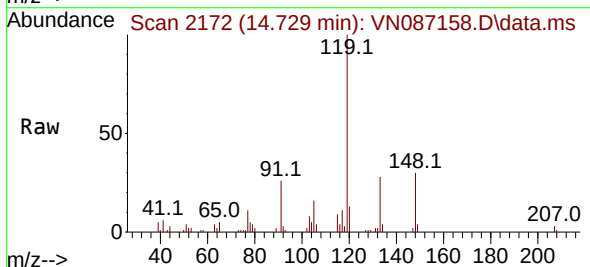
Instrument :
MSVOA_N
ClientSampleId :
MW2

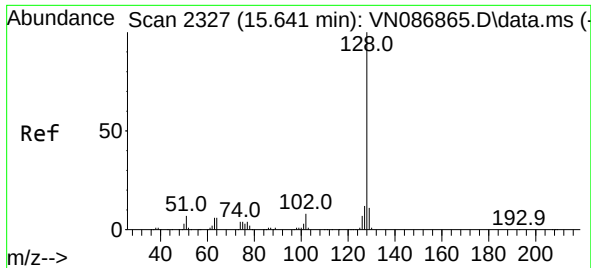
Tgt Ion:117 Resp: 28056
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.391 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.012 min
Lab File: VN087158.D
Acq: 24 Jun 2025 15:49

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 41.1 123.4#
157 0.0 52.7 158.1#





#95

Naphthalene

Concen: 1.820 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087158.D

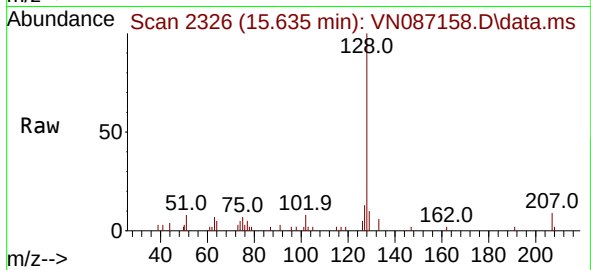
Acq: 24 Jun 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

MW2



Tgt Ion:128 Resp: 18575

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.2

129 12.0 8.8 13.2

