

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087106.D
 Acq On : 19 Jun 2025 13:17
 Operator : JC\MD
 Sample : Q2333-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

Quant Time: Jun 20 01:23:37 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	163392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120353	55.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.040%	
35) Dibromofluoromethane	8.177	113	104788	53.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.720%	
50) Toluene-d8	10.565	98	390073	50.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.847	95	137135	47.920	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.840%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.553	59	148	0.249	ug/l #	73
16) Acetone	4.453	43	3613	3.114	ug/l	90
17) Carbon Disulfide	4.742	76	1400	0.278	ug/l #	75
18) Methyl Acetate	5.294	43	4698	1.390	ug/l #	49
25) 2-Butanone	7.506	43	2065	1.095	ug/l	95
30) Chloroform	7.971	83	4102	1.123	ug/l	87
31) Cyclohexane	8.230	56	5547	1.563	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	12348	4.259	ug/l #	49
37) Ethyl Acetate	7.506	43	2065	0.559	ug/l #	70
38) Carbon Tetrachloride	8.230	117	15996	5.620	ug/l #	15
39) Methylcyclohexane	9.606	83	8864	2.232	ug/l	97
40) Benzene	8.612	78	29365	3.097	ug/l	97
43) Isopropyl Acetate	8.706	43	3350	0.566	ug/l #	53
44) Trichloroethene	9.347	130	478	0.213	ug/l	50
48) Methyl methacrylate	9.635	41	2458	0.902	ug/l #	19
51) 4-Methyl-2-Pentanone	10.482	43	1178	0.330	ug/l #	33
52) Toluene	10.629	92	2249	0.388	ug/l	95
55) 1,1,2-Trichloroethane	11.006	97	2594	1.164	ug/l #	32
59) 2-Hexanone	11.071	43	3603	1.568	ug/l	64
67) Ethyl Benzene	11.959	91	15063	1.411	ug/l	91
68) m/p-Xylenes	12.076	106	4232	1.036	ug/l	91
69) o-Xylene	12.400	106	2568	0.656	ug/l	100
71) Bromoform	12.847	173	742	0.503	ug/l #	1
73) Isopropylbenzene	12.694	105	140969	14.714	ug/l	99
76) 1,2,3-Trichloropropane	13.035	75	2699	0.863	ug/l #	1
78) n-propylbenzene	13.035	91	424264	36.441	ug/l	98
79) 2-Chlorotoluene	13.035	91	424264	60.764	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.335	105	18390	2.325	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.847	75	62634	46.124	ug/l #	16
82) 4-Chlorotoluene	13.035	91	424264	60.053	ug/l #	41
83) tert-Butylbenzene	13.429	119	3070	0.424	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	5428	0.684	ug/l	89
85) sec-Butylbenzene	13.612	105	26748	2.544	ug/l #	58
86) p-Isopropyltoluene	13.882	119	5988	0.689	ug/l	94
89) n-Butylbenzene	14.053	91	23684	2.813	ug/l #	68
90) Hexachloroethane	14.323	117	24532	16.651	ug/l #	17

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

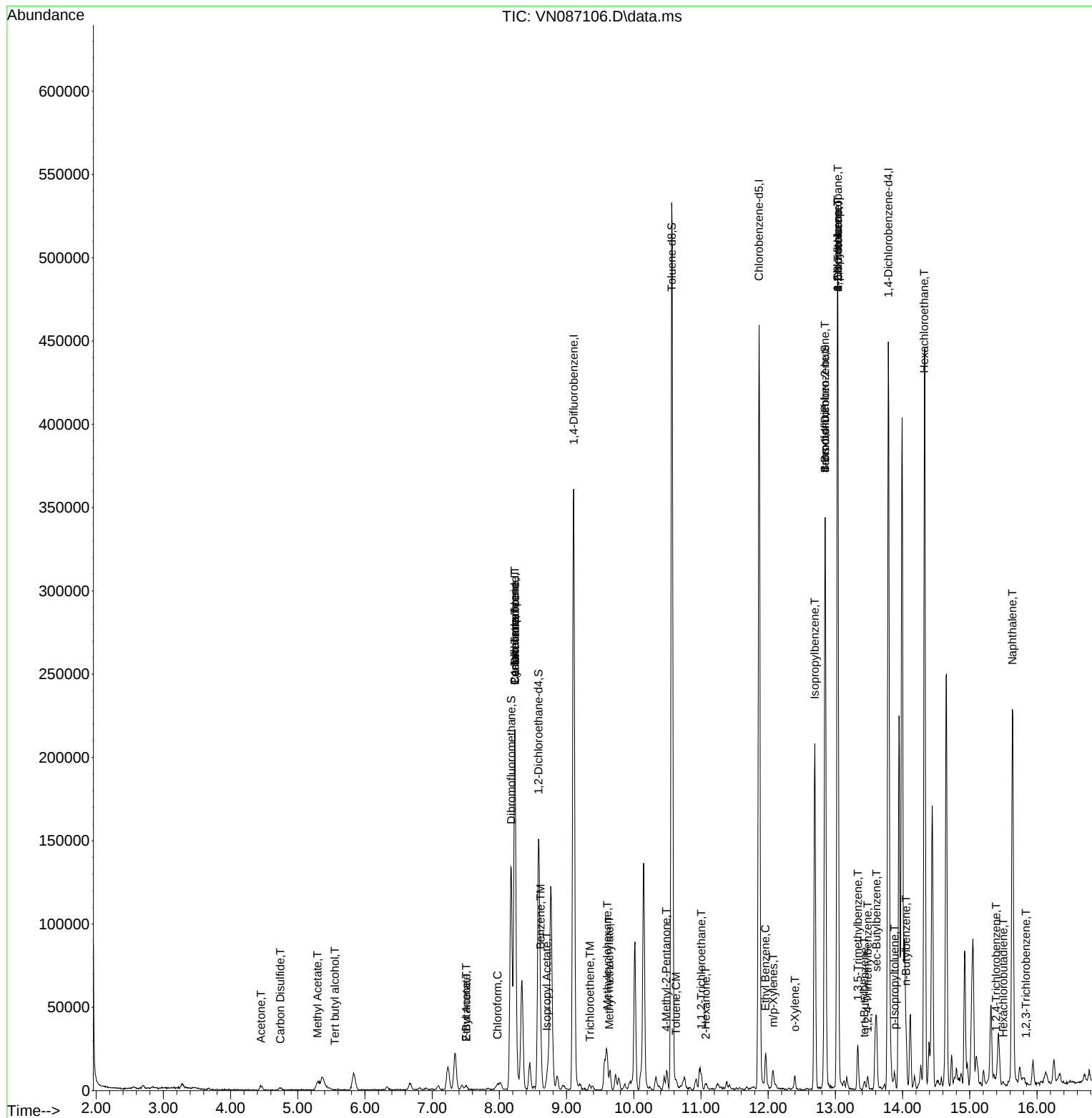
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	652	0.246	ug/l #	1
94) Hexachlorobutadiene	15.500	225	649	0.657	ug/l	73
95) Naphthalene	15.635	128	226720	22.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	630	0.239	ug/l #	75

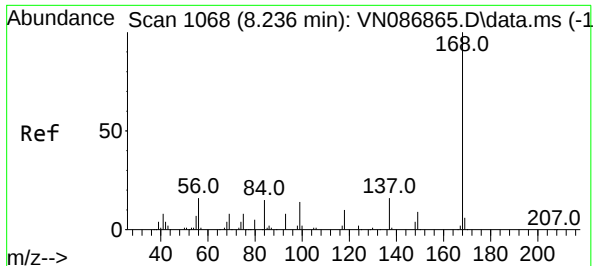
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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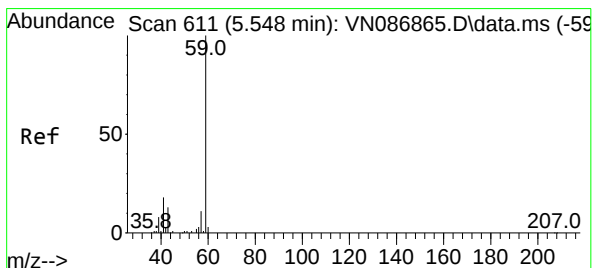
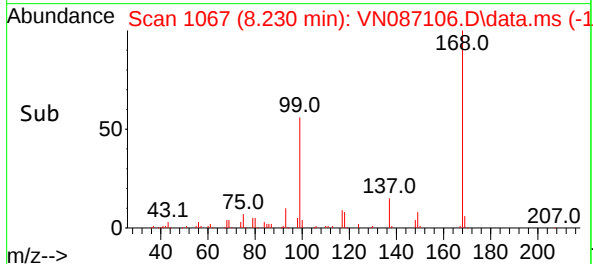
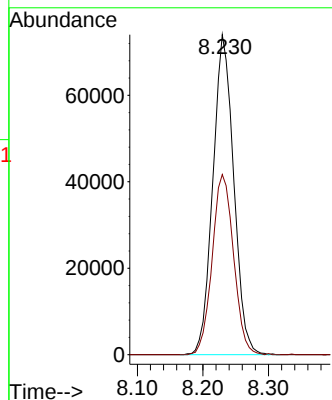
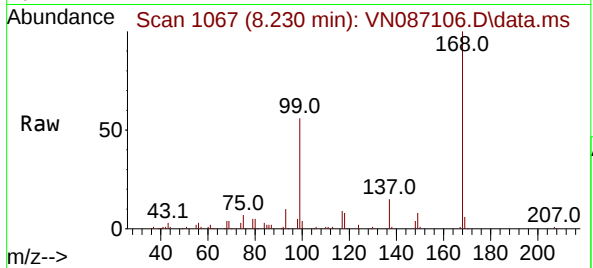




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

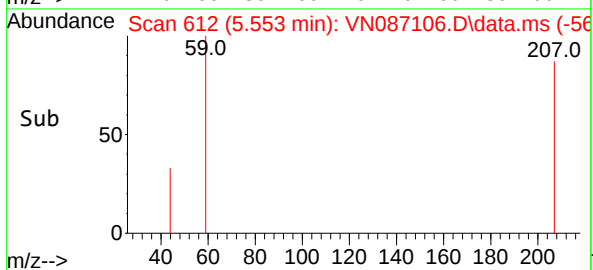
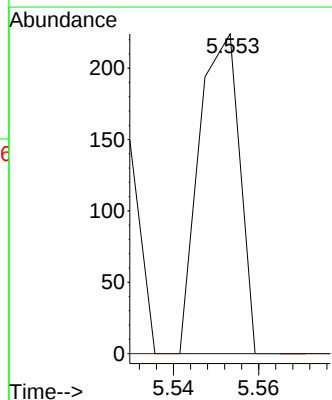
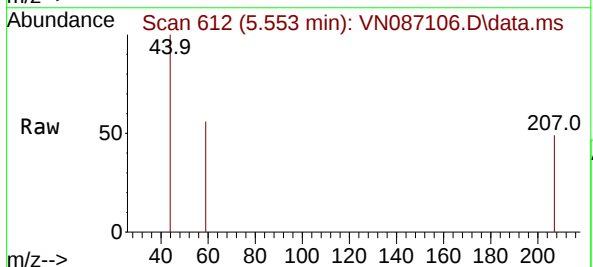
Instrument :
MSVOA_N
ClientSampleId :
MW-06

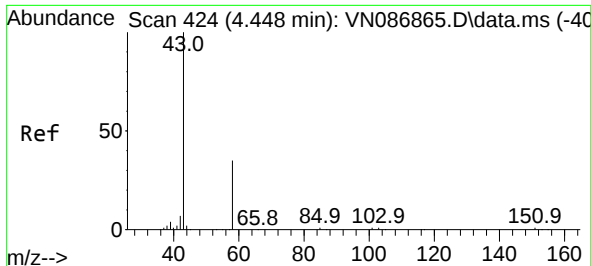
Tgt Ion:168 Resp: 163392
Ion Ratio Lower Upper
168 100
99 56.3 49.1 73.7



#11
Tert butyl alcohol
Concen: 0.249 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 3.114 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

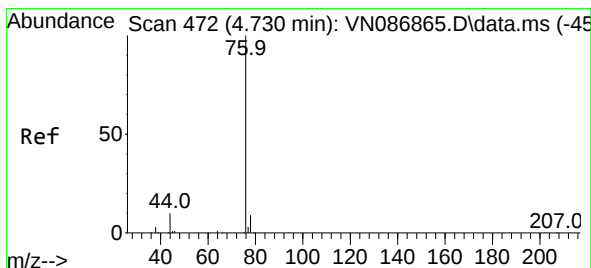
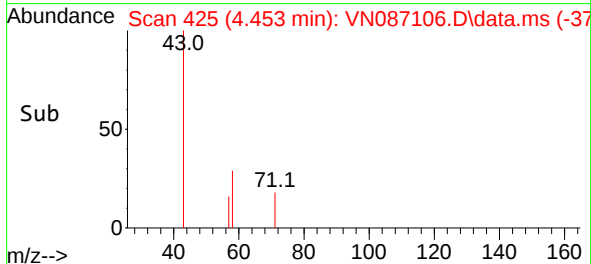
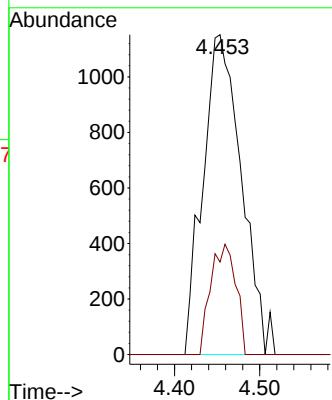
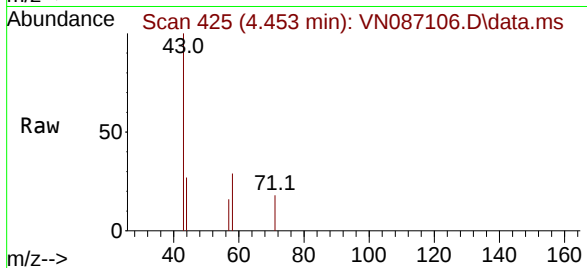
MW-06

Tgt Ion: 43 Resp: 3613

Ion Ratio Lower Upper

43 100

58 28.9 28.0 42.0



#17

Carbon Disulfide

Concen: 0.278 ug/l

RT: 4.742 min Scan# 474

Delta R.T. 0.012 min

Lab File: VN087106.D

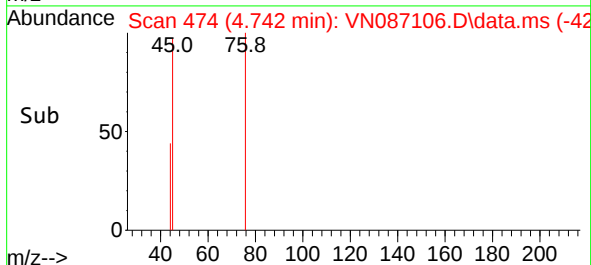
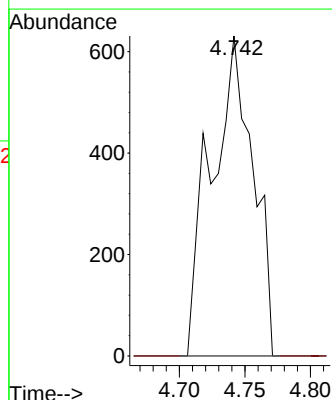
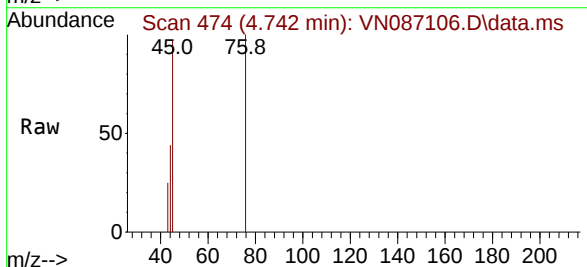
Acq: 19 Jun 2025 13:17

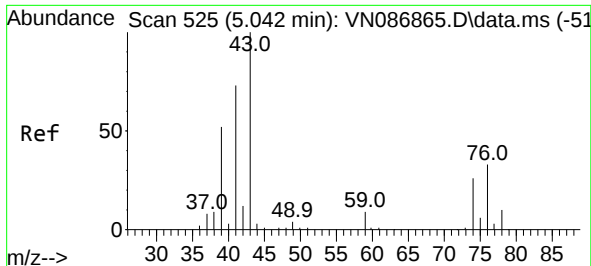
Tgt Ion: 76 Resp: 1400

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

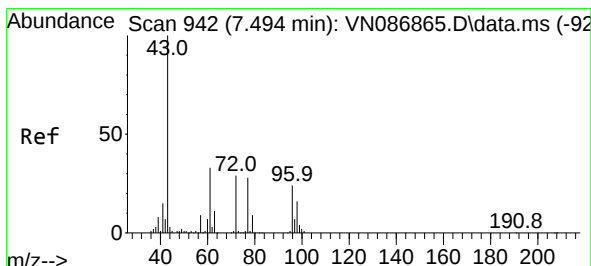
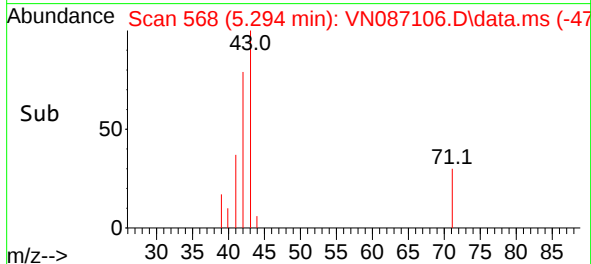
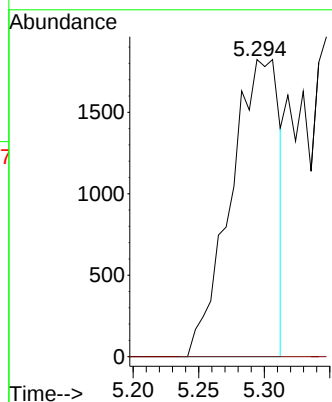
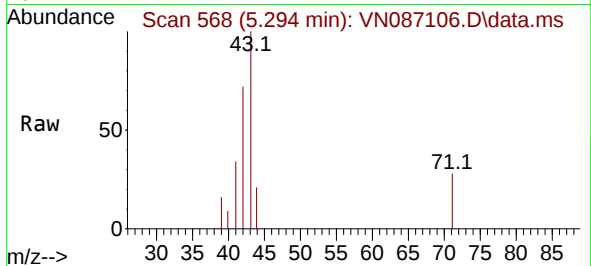




#18
Methyl Acetate
Concen: 1.390 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.253 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

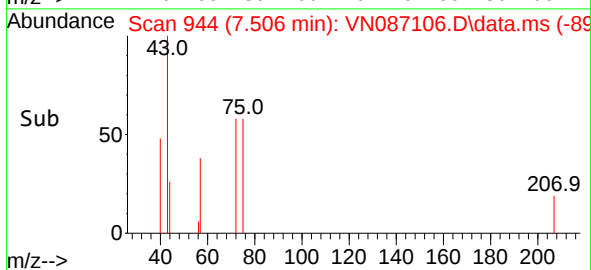
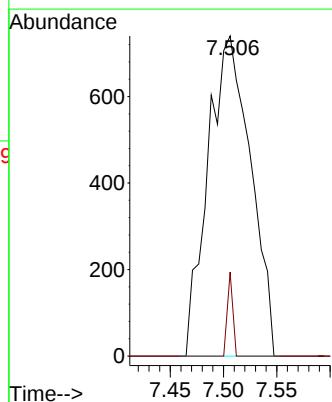
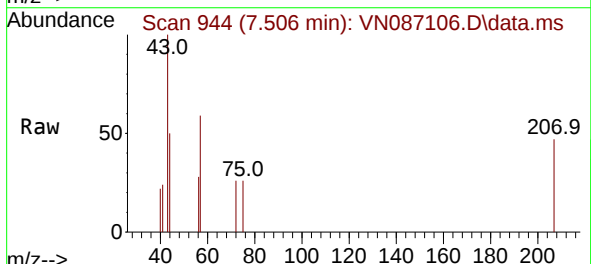
Instrument :
MSVOA_N
ClientSampleId :
MW-06

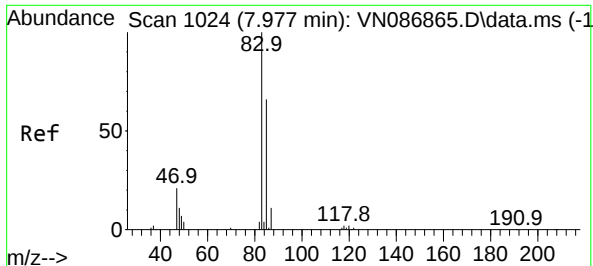
Tgt Ion: 43 Resp: 4698
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#25
2-Butanone
Concen: 1.095 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
72 26.2 23.0 34.6





#30

Chloroform

Concen: 1.123 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

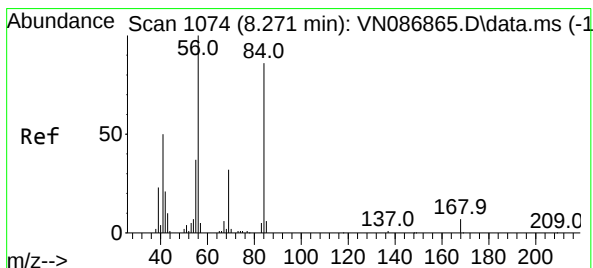
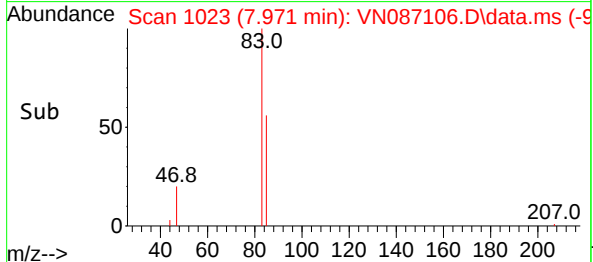
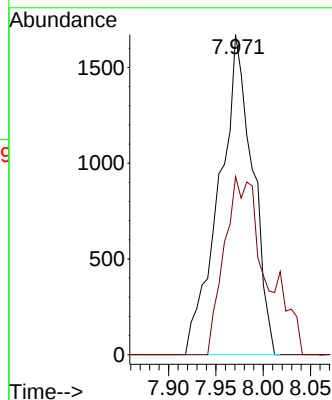
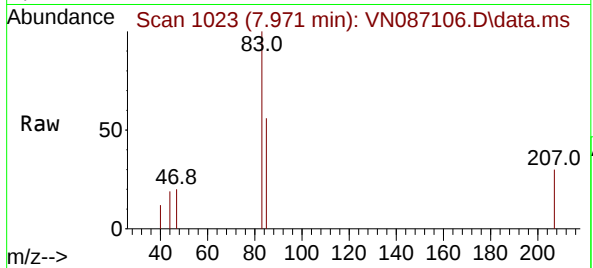
MW-06

Tgt Ion: 83 Resp: 4102

Ion Ratio Lower Upper

83 100

85 55.7 52.9 79.3



#31

Cyclohexane

Concen: 1.563 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.041 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

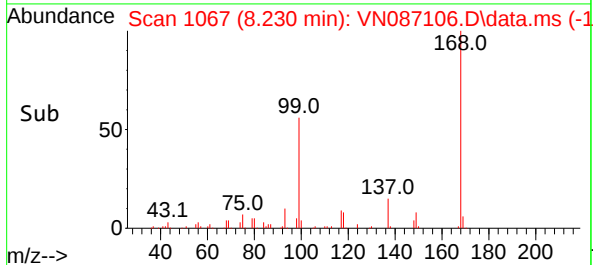
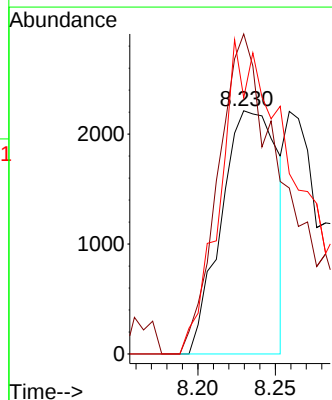
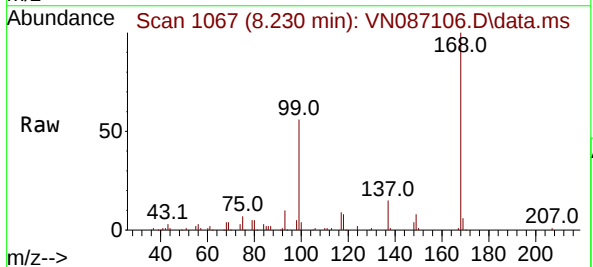
Tgt Ion: 56 Resp: 5547

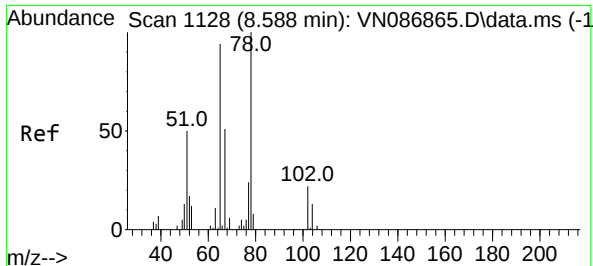
Ion Ratio Lower Upper

56 100

69 131.5 25.4 38.0#

84 105.3 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 55.015 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

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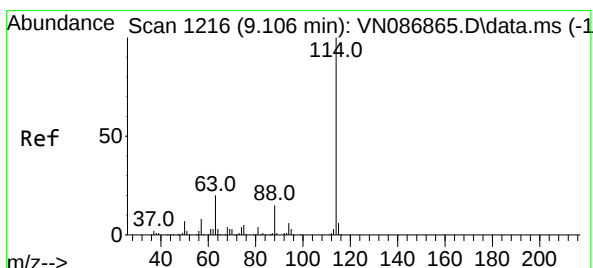
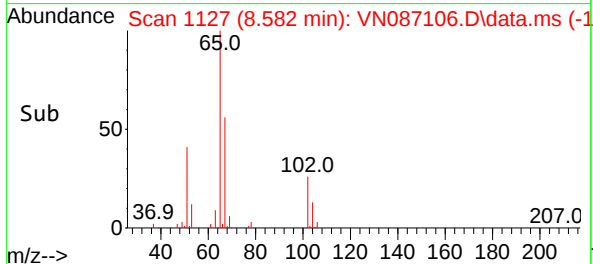
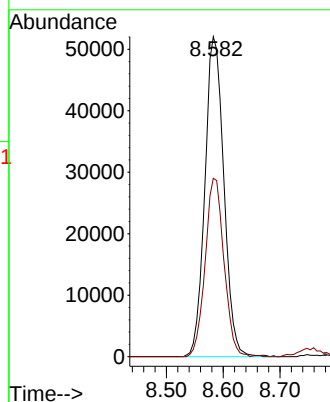
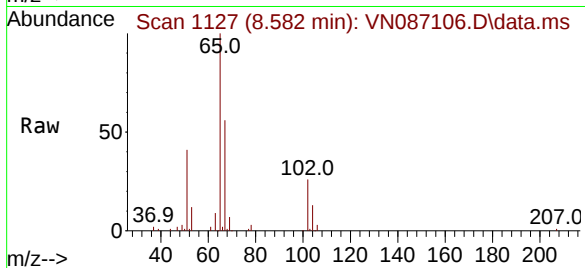
MW-06

Tgt Ion: 65 Resp: 120353

Ion Ratio Lower Upper

65 100

67 55.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

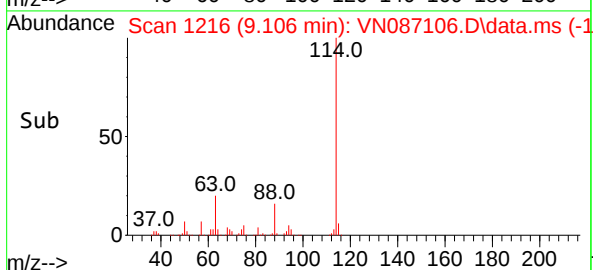
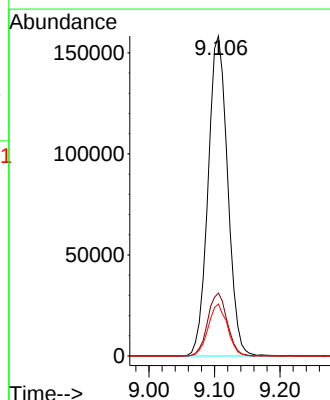
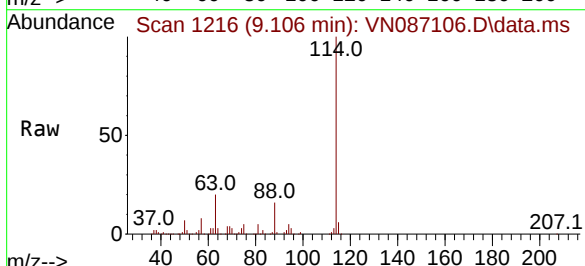
Tgt Ion: 114 Resp: 328324

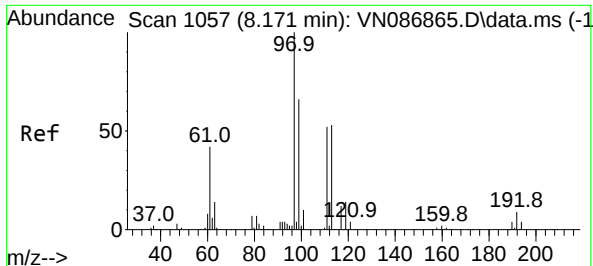
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.856 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

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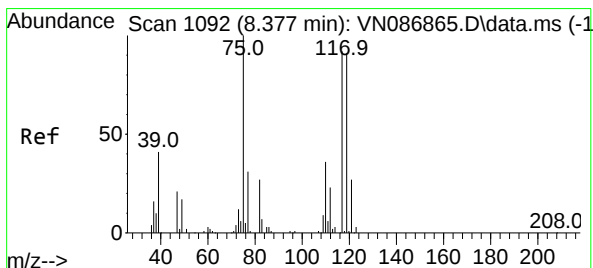
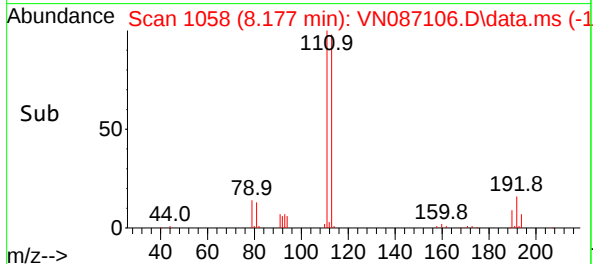
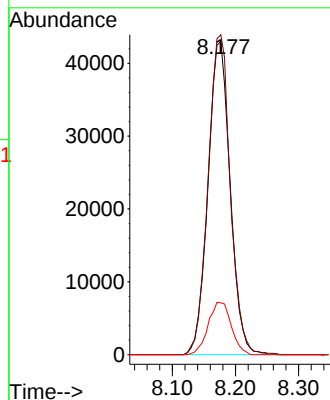
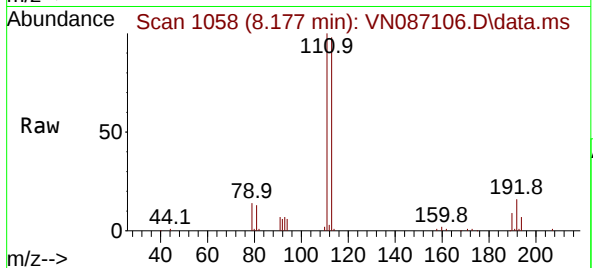
Tgt Ion:113 Resp: 104788

Ion Ratio Lower Upper

113 100

111 102.5 84.2 126.2

192 17.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.259 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

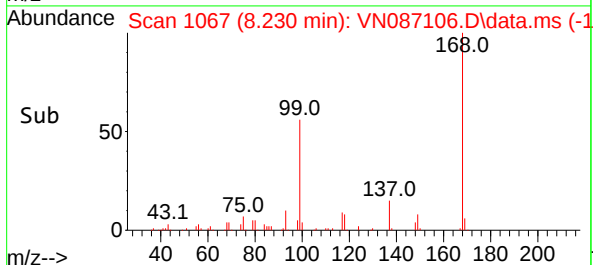
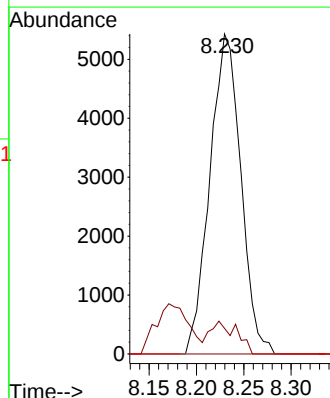
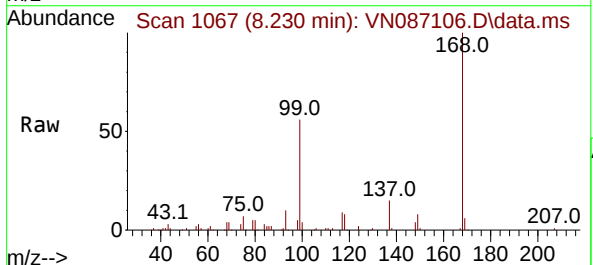
Tgt Ion: 75 Resp: 12348

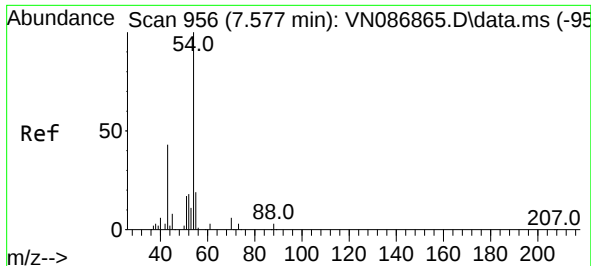
Ion Ratio Lower Upper

75 100

110 8.8 17.6 52.9#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.559 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.071 min

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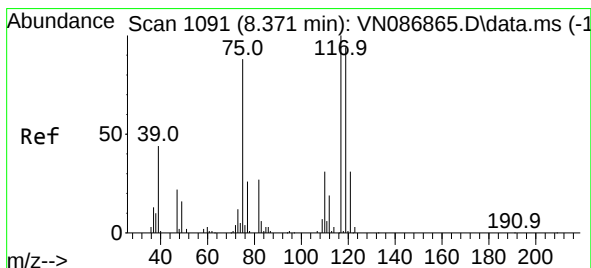
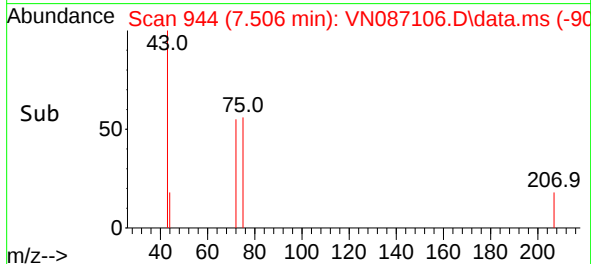
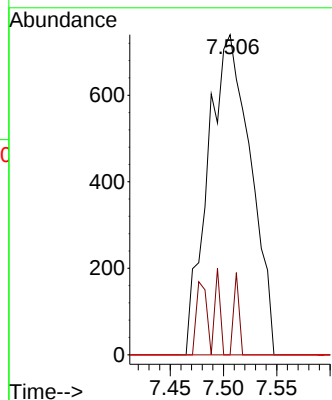
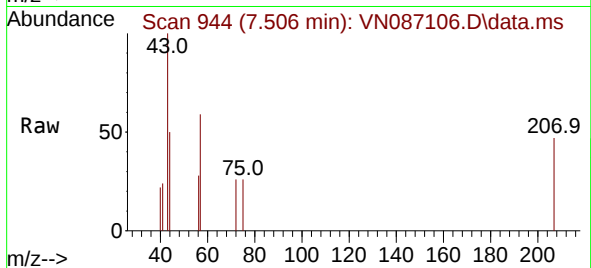
Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

61 3.2 12.1 18.1#

70 0.0 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 5.620 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

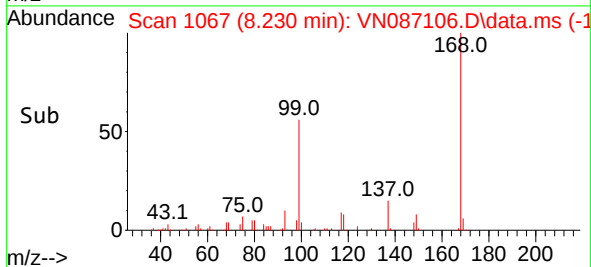
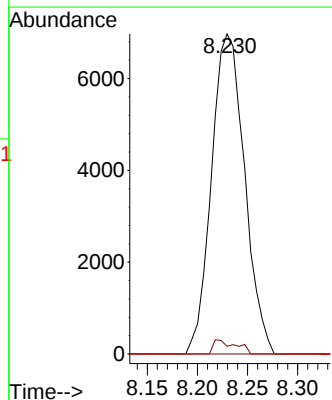
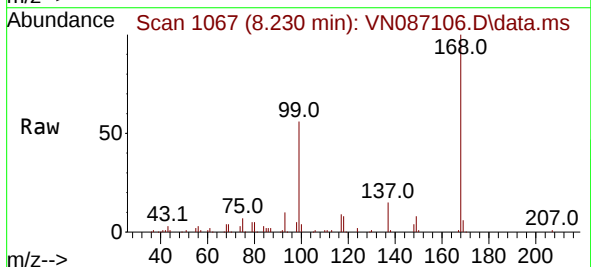
Tgt Ion: 117 Resp: 15996

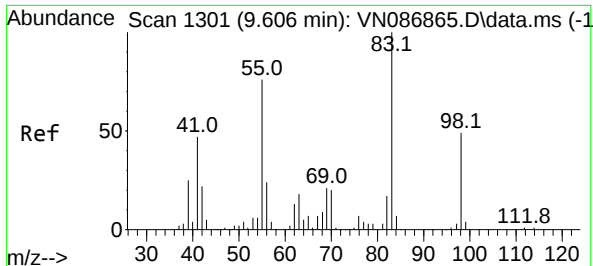
Ion Ratio Lower Upper

117 100

119 2.4 75.0 112.6#

121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 2.232 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

MW-06

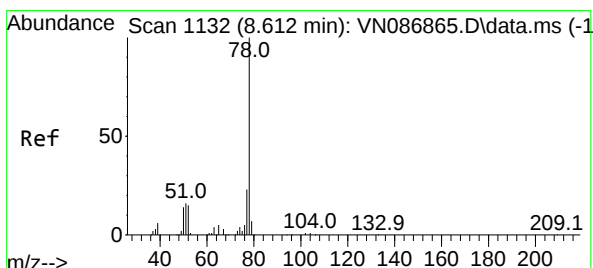
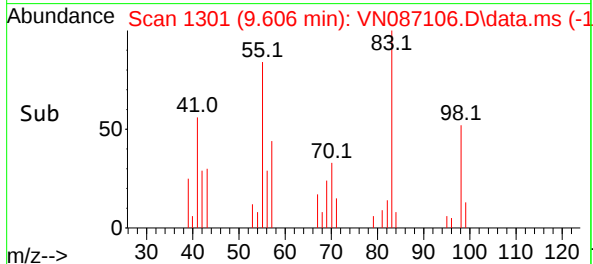
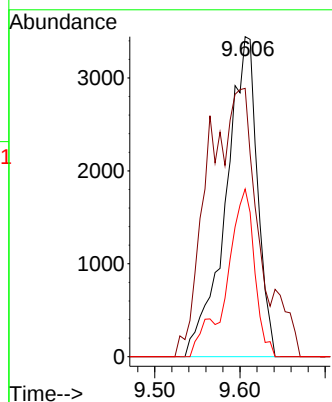
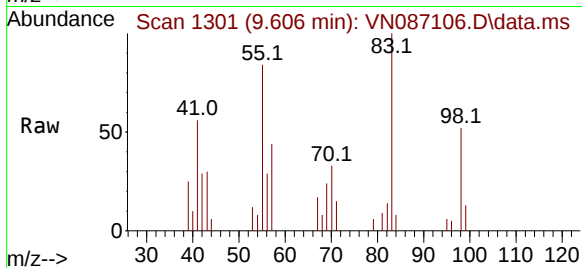
Tgt Ion: 83 Resp: 8864

Ion Ratio Lower Upper

83 100

55 77.3 61.0 91.6

98 52.4 38.9 58.3



#40

Benzene

Concen: 3.097 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087106.D

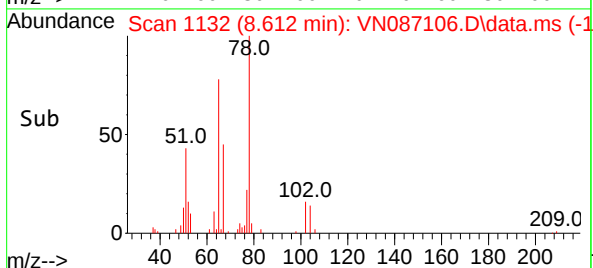
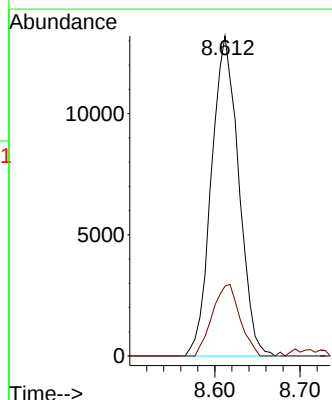
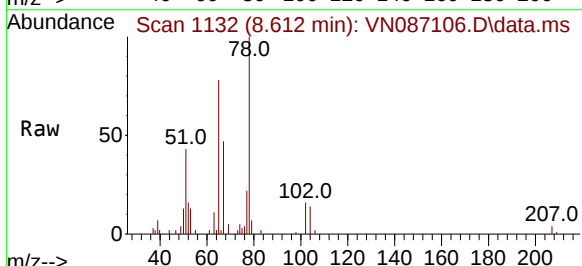
Acq: 19 Jun 2025 13:17

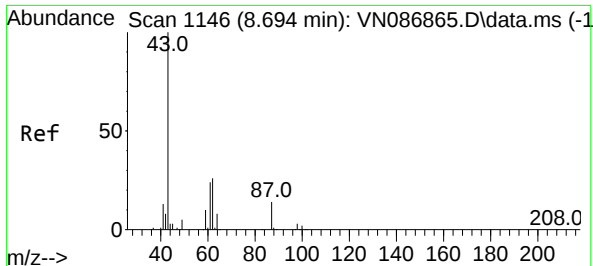
Tgt Ion: 78 Resp: 29365

Ion Ratio Lower Upper

78 100

77 21.8 18.7 28.1

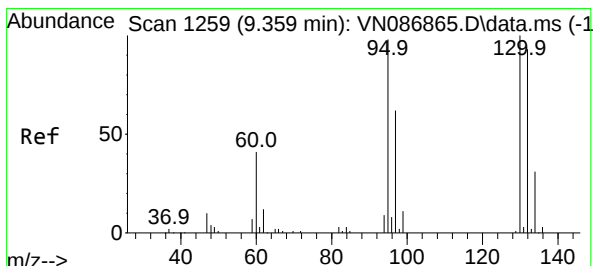
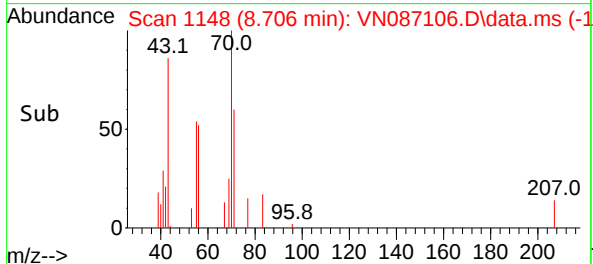
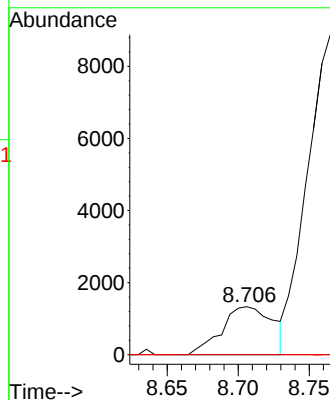
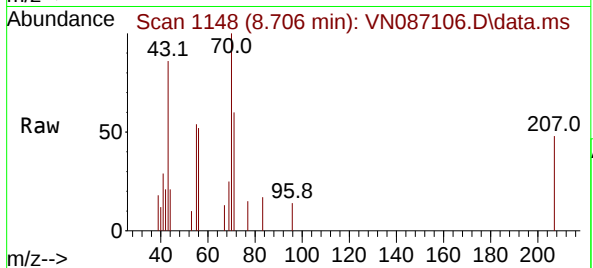




#43
Isopropyl Acetate
Concen: 0.566 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

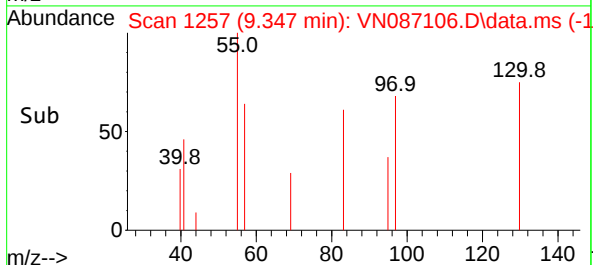
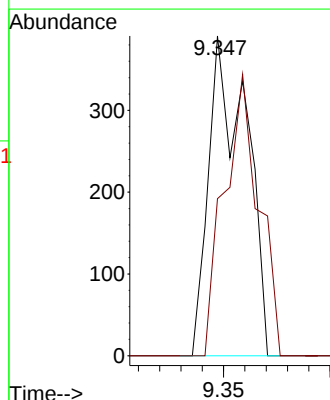
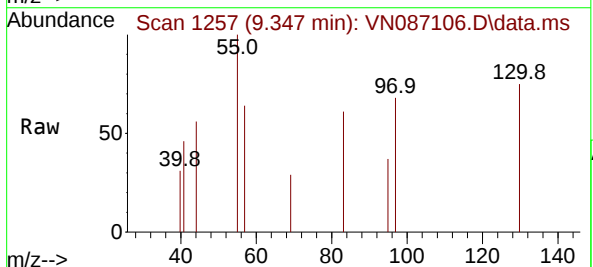
Instrument :
MSVOA_N
ClientSampleId :
MW-06

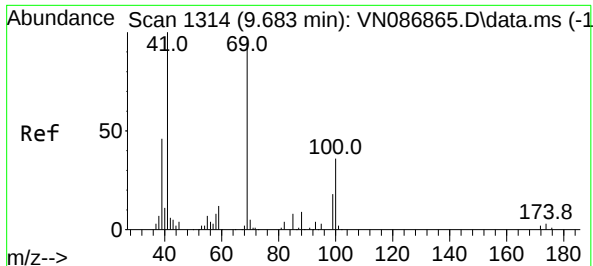
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#



#44
Trichloroethene
Concen: 0.213 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 130 Resp: 478
Ion Ratio Lower Upper
130 100
95 49.1 0.0 196.2





#48

Methyl methacrylate

Concen: 0.902 ug/l

RT: 9.635 min Scan# 1

Delta R.T. -0.047 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

MW-06

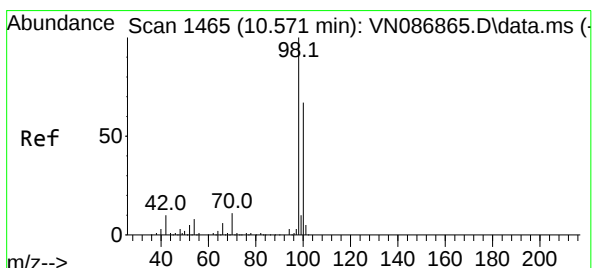
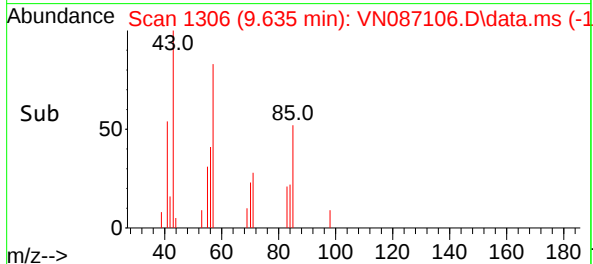
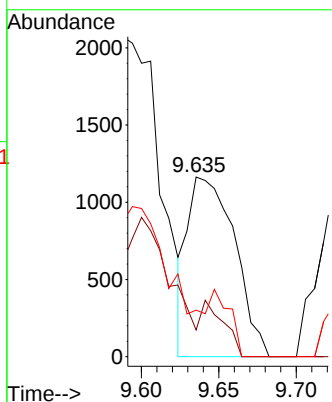
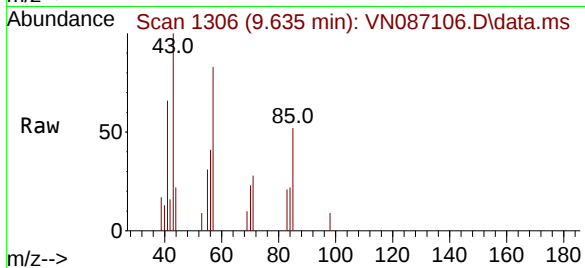
Tgt Ion: 41 Resp: 2458

Ion Ratio Lower Upper

41 100

69 0.0 74.6 112.0#

39 15.2 40.2 60.4#



#50

Toluene-d8

Concen: 50.642 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087106.D

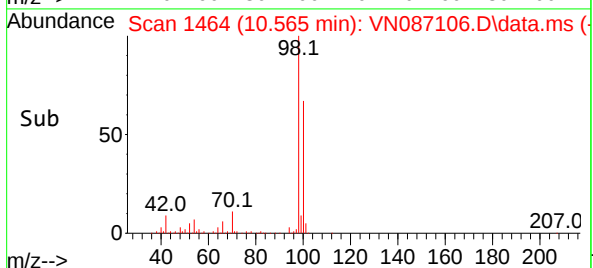
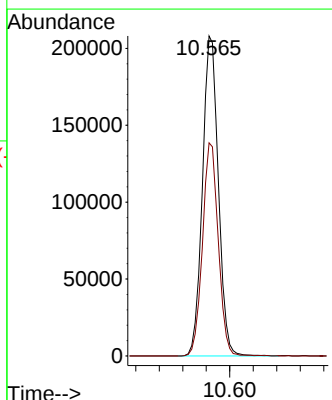
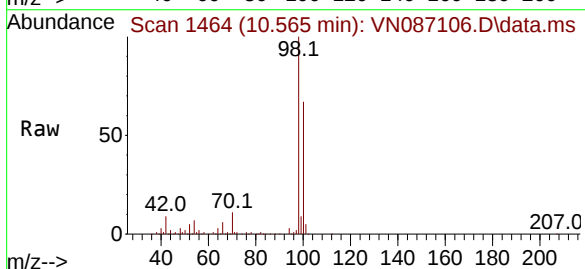
Acq: 19 Jun 2025 13:17

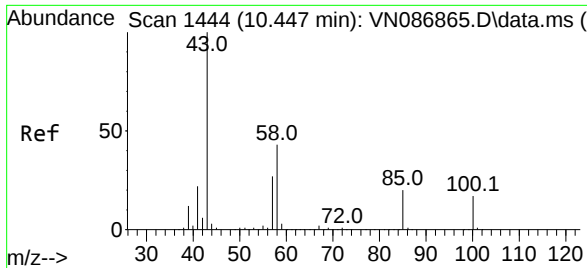
Tgt Ion: 98 Resp: 390073

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0

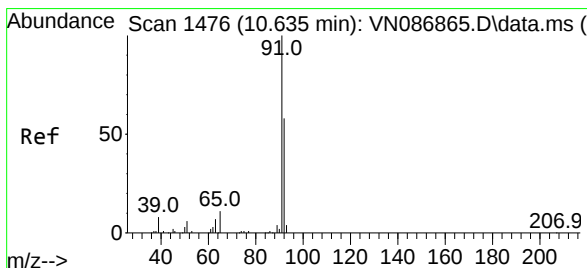
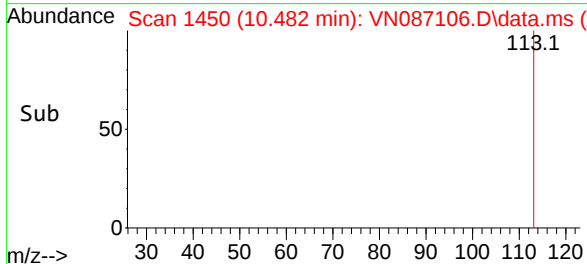
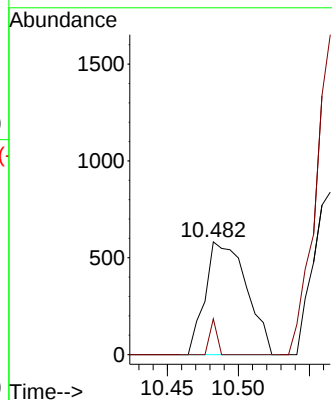
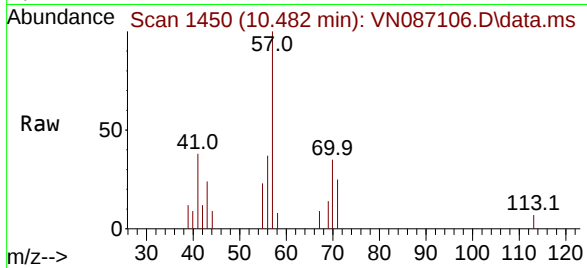




#51
4-Methyl-2-Pentanone
Concen: 0.330 ug/l
RT: 10.482 min Scan# 1444
Delta R.T. 0.035 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

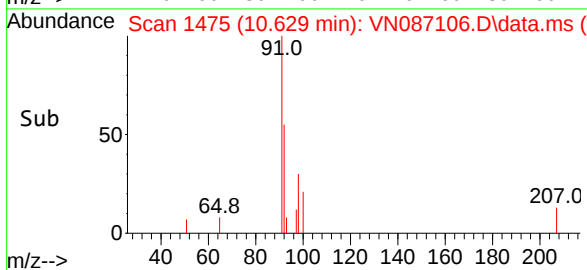
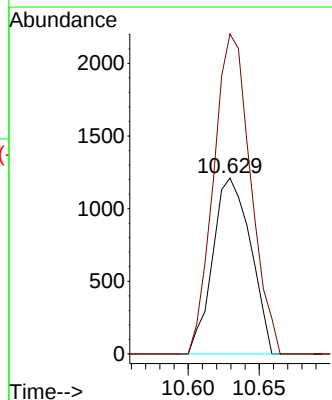
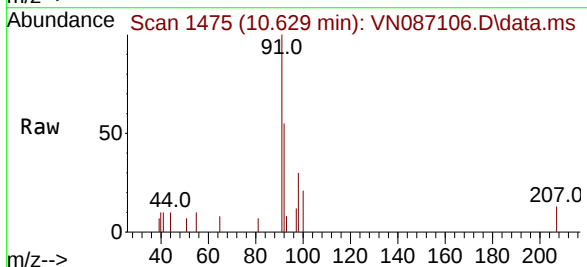
Instrument :
MSVOA_N
ClientSampleId :
MW-06

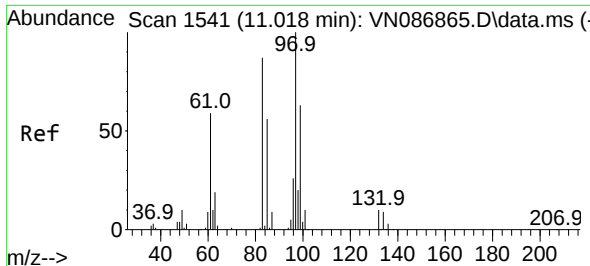
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 0.0 34.2 51.4#



#52
Toluene
Concen: 0.388 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 92 Resp: 2249
Ion Ratio Lower Upper
92 100
91 177.5 136.5 204.7

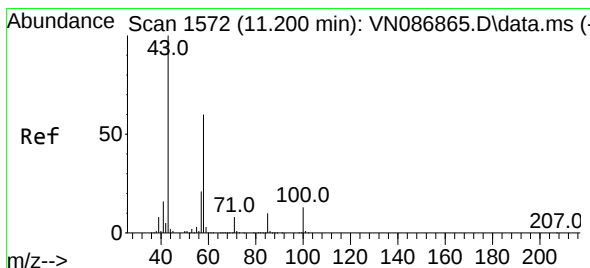
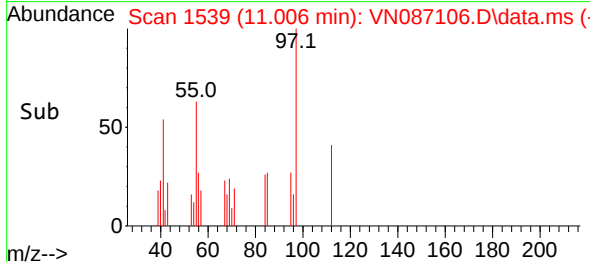
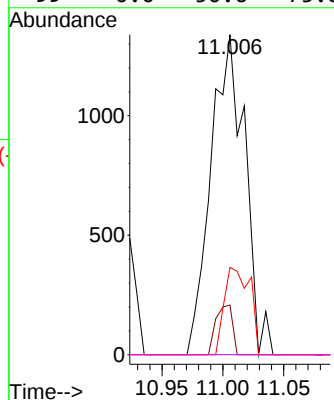
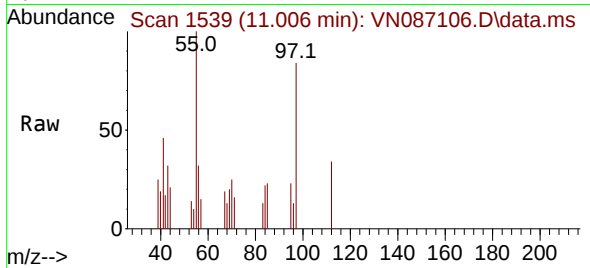




#55
 1,1,2-Trichloroethane
 Concen: 1.164 ug/l
 RT: 11.006 min Scan# 1539
 Delta R.T. -0.012 min
 Lab File: VN087106.D
 Acq: 19 Jun 2025 13:17

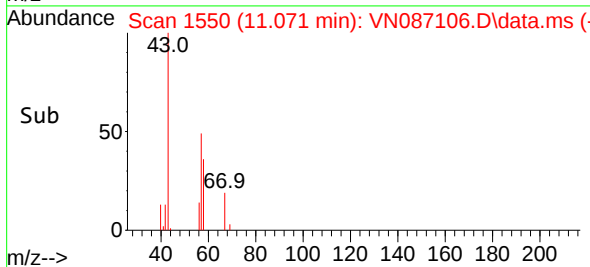
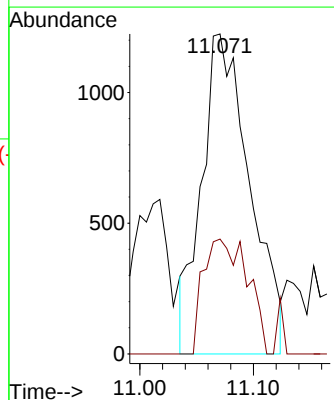
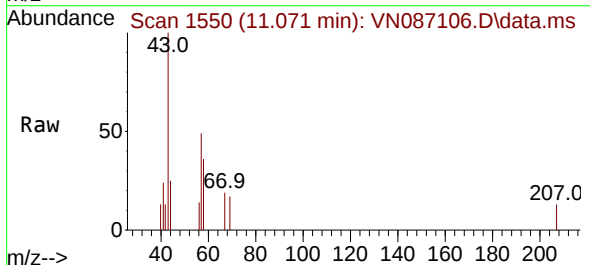
Instrument : MSVOA_N
 ClientSampleId : MW-06

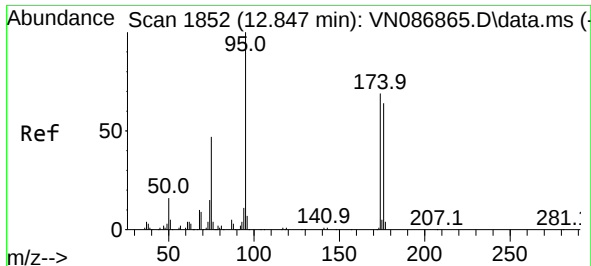
Tgt Ion:	97	Resp:	2594
Ion	Ratio	Lower	Upper
97	100		
83	15.5	69.7	104.5#
85	27.3	45.1	67.7#
99	0.0	50.6	75.8#



#59
 2-Hexanone
 Concen: 1.568 ug/l
 RT: 11.071 min Scan# 1550
 Delta R.T. -0.130 min
 Lab File: VN087106.D
 Acq: 19 Jun 2025 13:17

Tgt Ion:	43	Resp:	3603
Ion	Ratio	Lower	Upper
43	100		
58	33.2	30.4	91.3

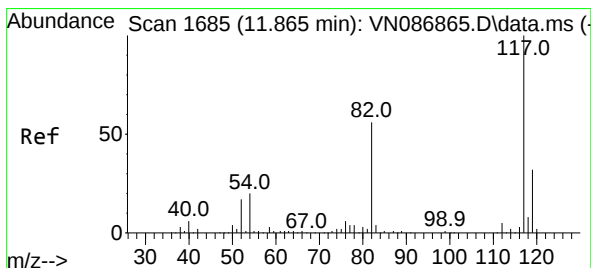
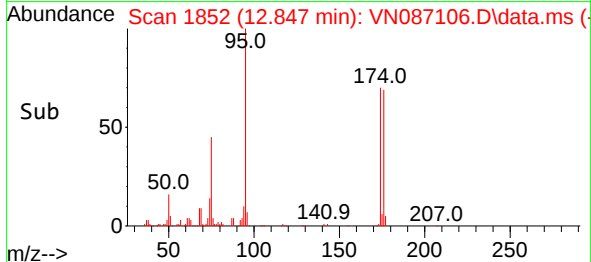
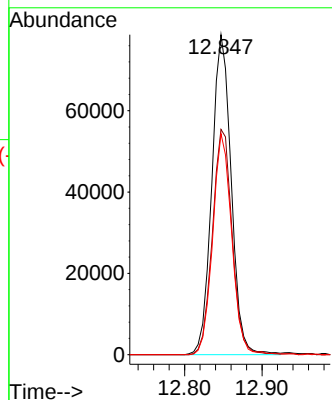
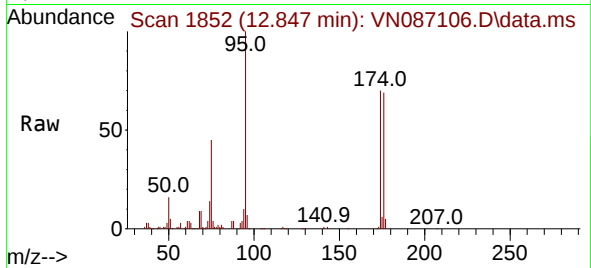




#62
4-Bromofluorobenzene
Concen: 47.920 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

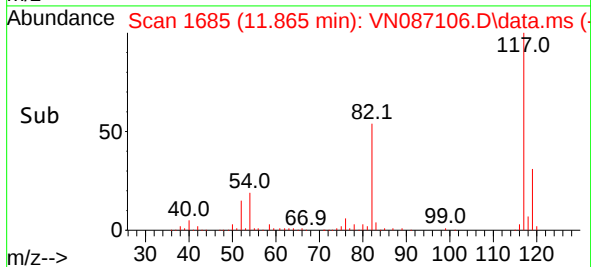
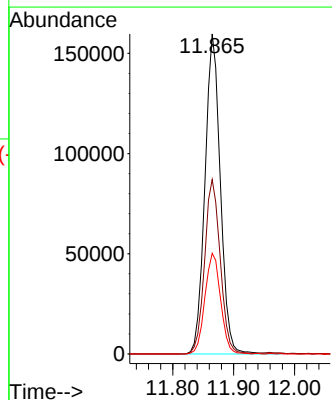
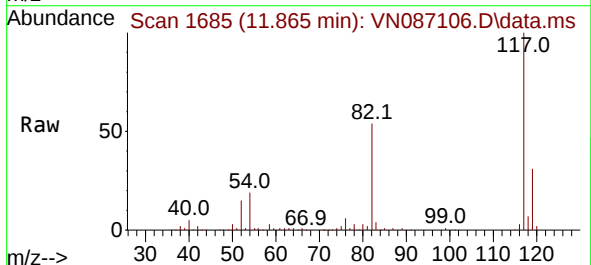
Instrument :
MSVOA_N
ClientSampleId :
MW-06

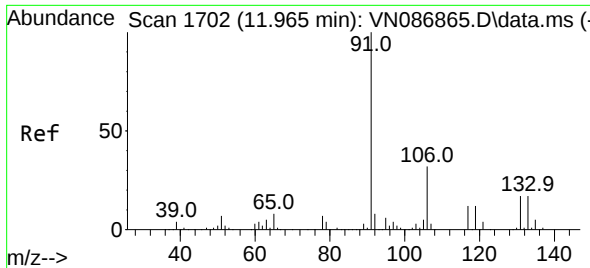
Tgt Ion: 95 Resp: 137135
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 67.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 117 Resp: 281009
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.5 25.5 38.3

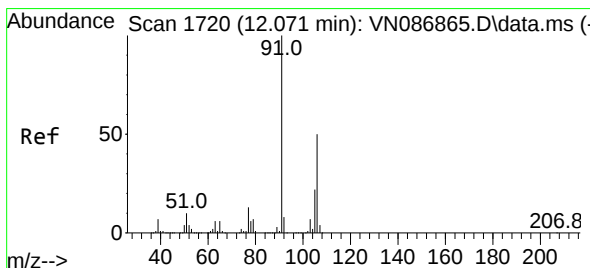
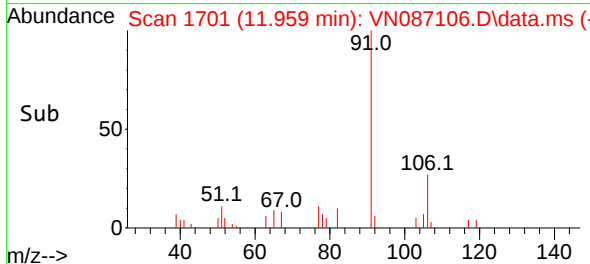
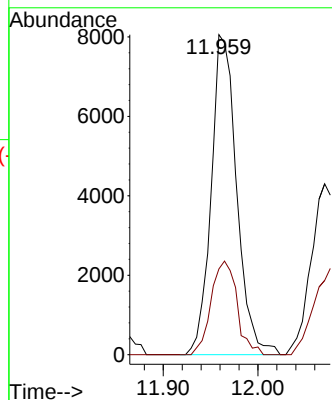
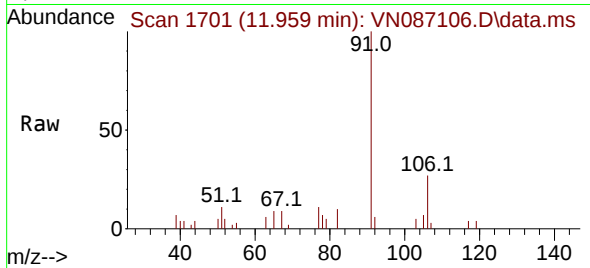




#67
Ethyl Benzene
Concen: 1.411 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

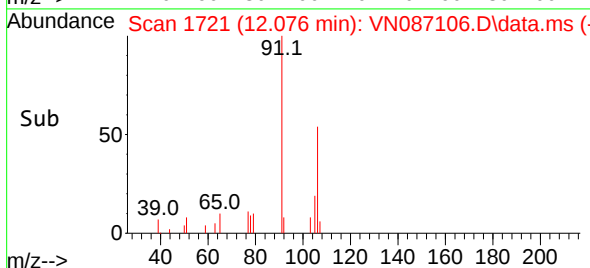
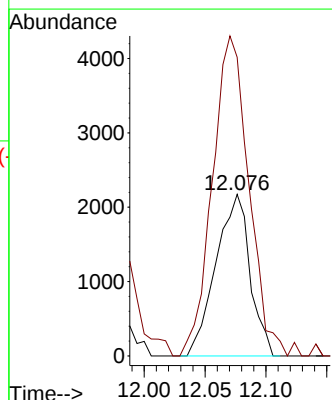
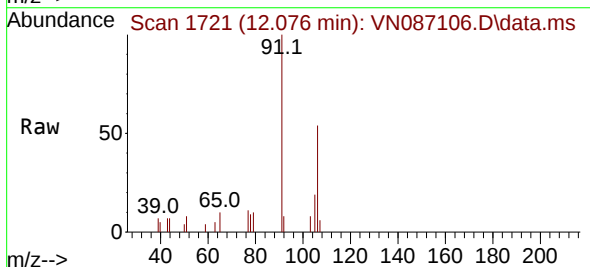
Instrument :
MSVOA_N
ClientSampleId :
MW-06

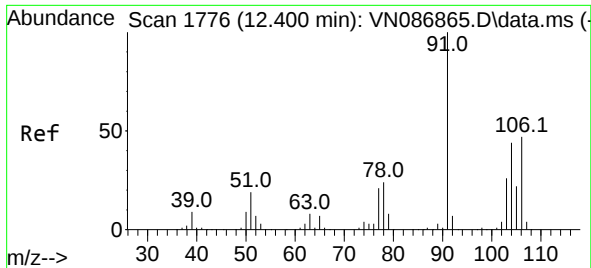
Tgt Ion: 91 Resp: 15063
Ion Ratio Lower Upper
91 100
106 26.8 25.4 38.2



#68
m/p-Xylenes
Concen: 1.036 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion:106 Resp: 4232
Ion Ratio Lower Upper
106 100
91 212.9 159.4 239.0

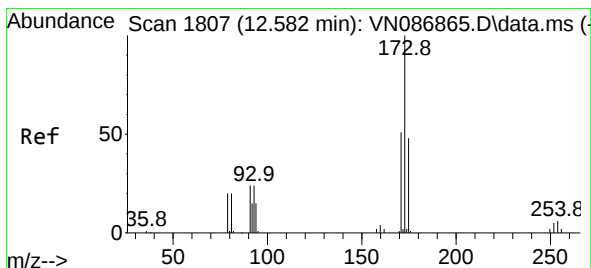
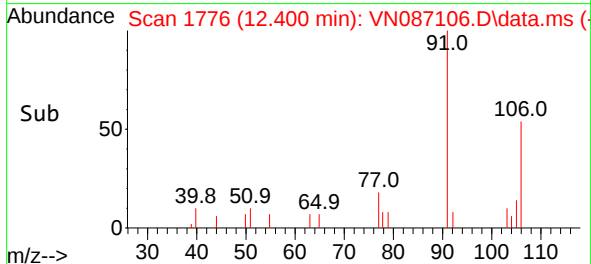
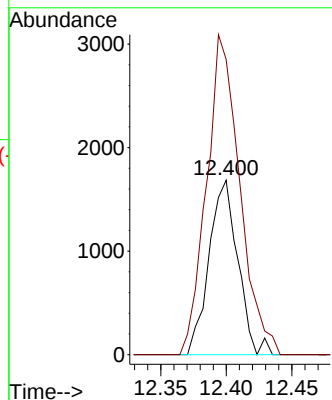
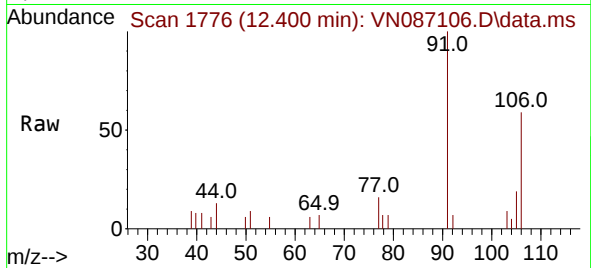




#69
o-Xylene
Concen: 0.656 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

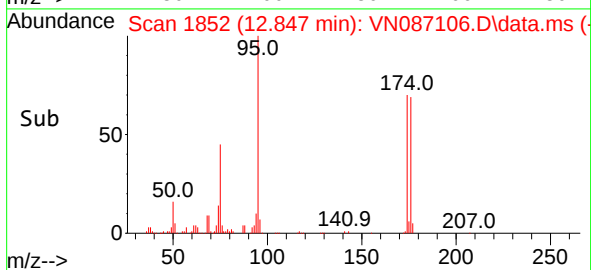
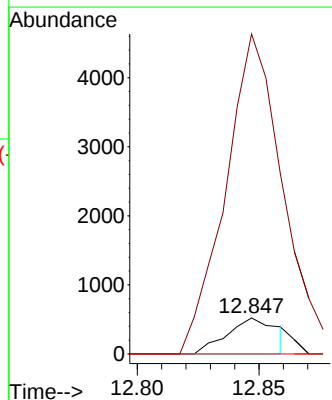
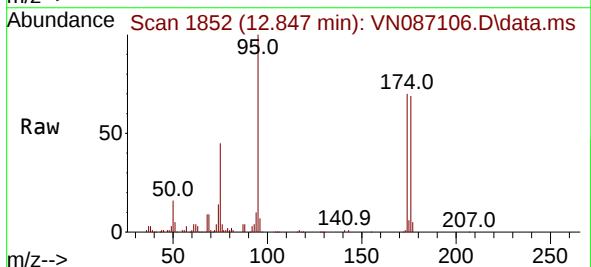
Instrument :
MSVOA_N
ClientSampleId :
MW-06

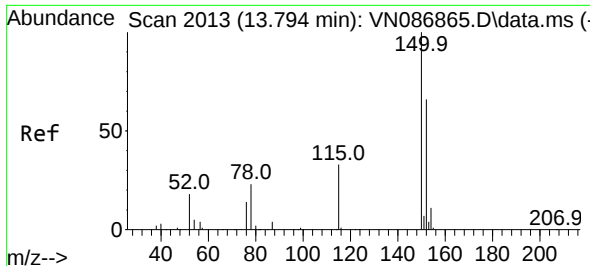
Tgt Ion:106 Resp: 2568
Ion Ratio Lower Upper
106 100
91 212.3 106.1 318.1



#71
Bromoform
Concen: 0.503 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion:173 Resp: 742
Ion Ratio Lower Upper
173 100
175 889.6 24.1 72.4#
254 0.0 0.0 0.0

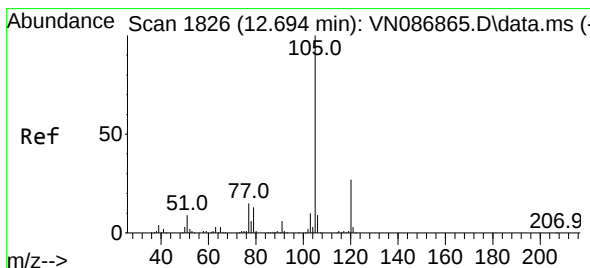
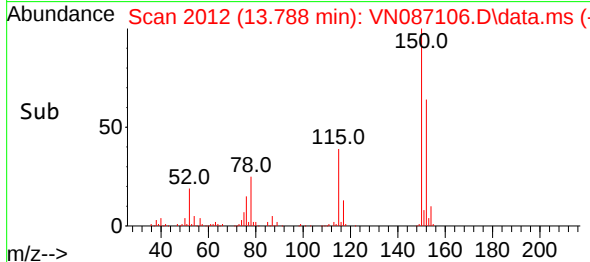
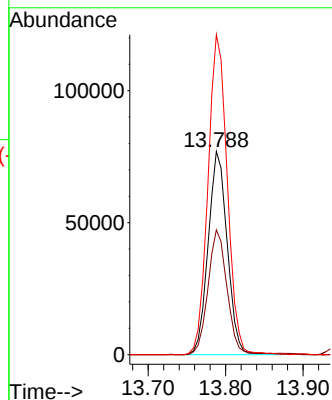
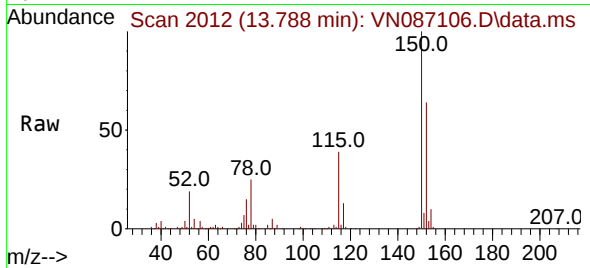




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

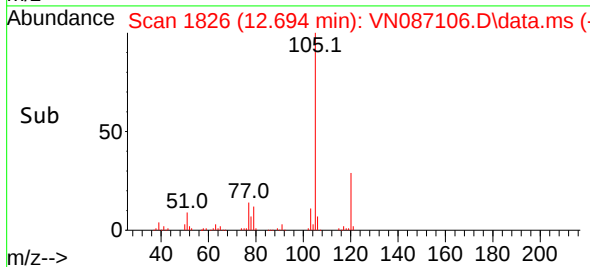
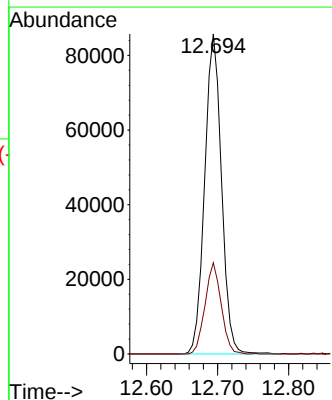
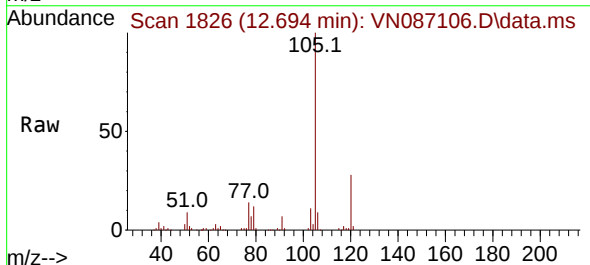
Instrument :
MSVOA_N
ClientSampleId :
MW-06

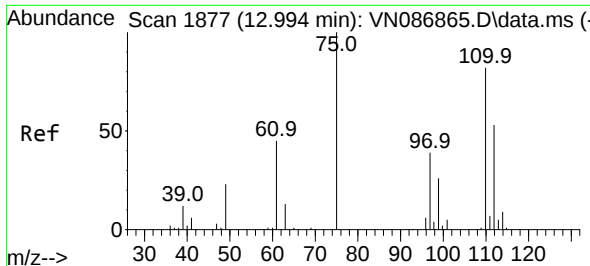
Tgt Ion:152 Resp: 131506
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 159.1 0.0 345.0



#73
Isopropylbenzene
Concen: 14.714 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion:105 Resp: 140969
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

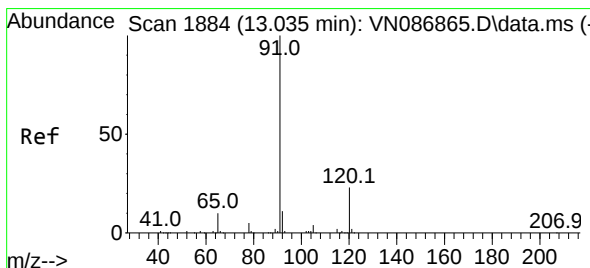
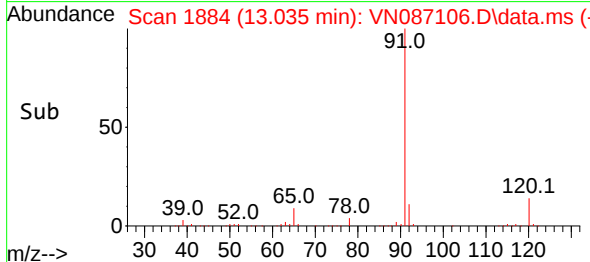
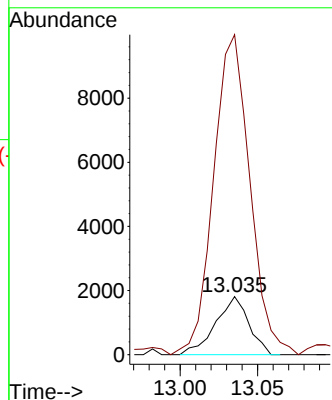
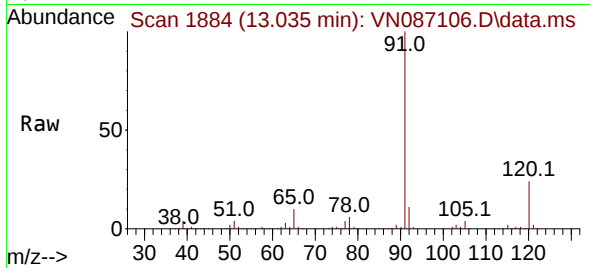




#76
1,2,3-Trichloropropane
Concen: 0.863 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

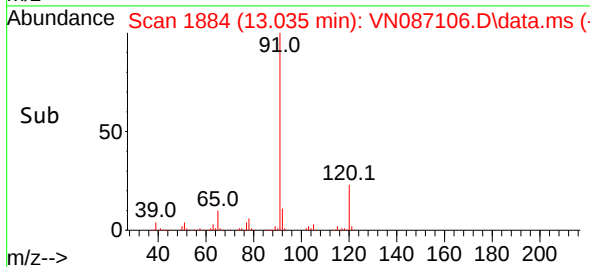
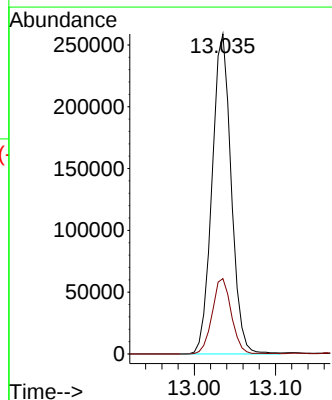
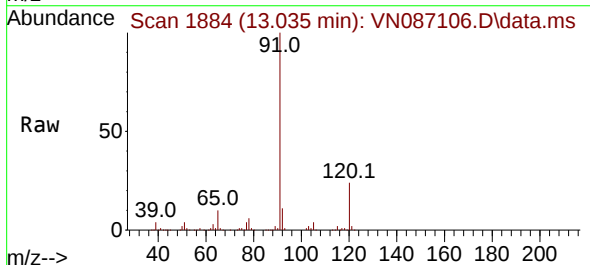
Instrument :
MSVOA_N
ClientSampleId :
MW-06

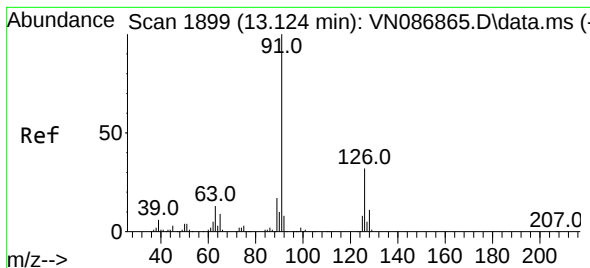
Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
77 601.6 79.3 237.9#



#78
n-propylbenzene
Concen: 36.441 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 91 Resp: 424264
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 60.764 ug/l

RT: 13.035 min Scan# 1899

Delta R.T. -0.088 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

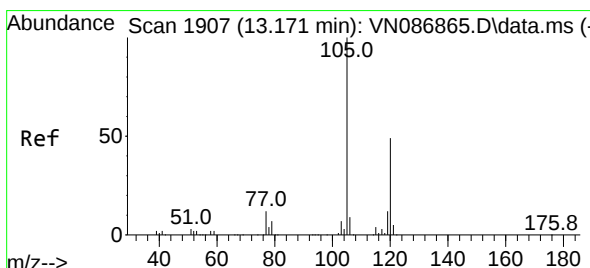
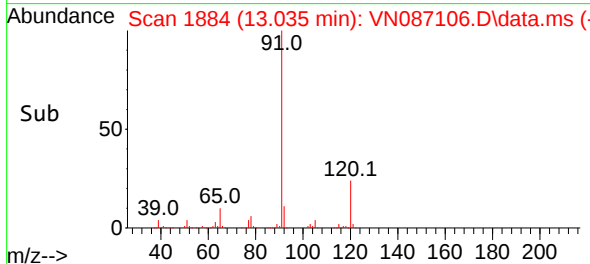
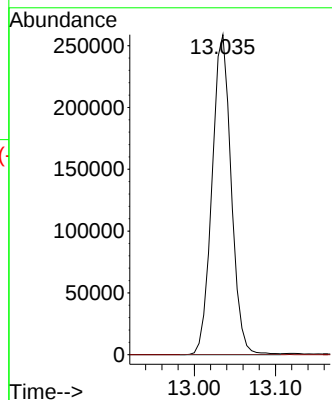
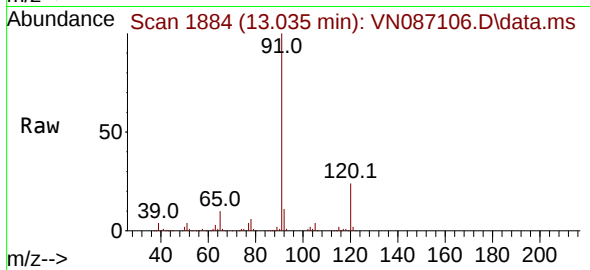
MW-06

Tgt Ion: 91 Resp: 424264

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#



#80

1,3,5-Trimethylbenzene

Concen: 2.325 ug/l

RT: 13.335 min Scan# 1935

Delta R.T. 0.165 min

Lab File: VN087106.D

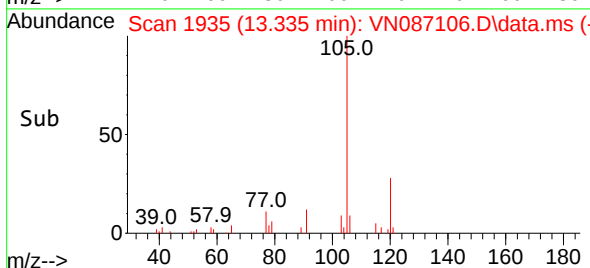
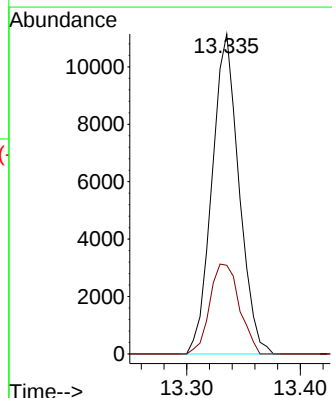
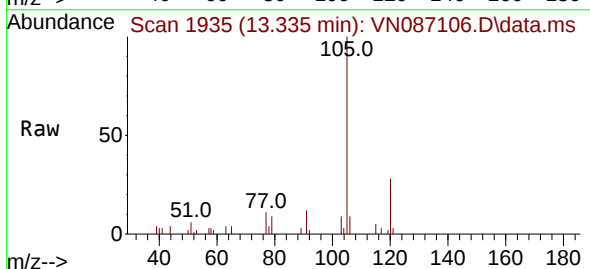
Acq: 19 Jun 2025 13:17

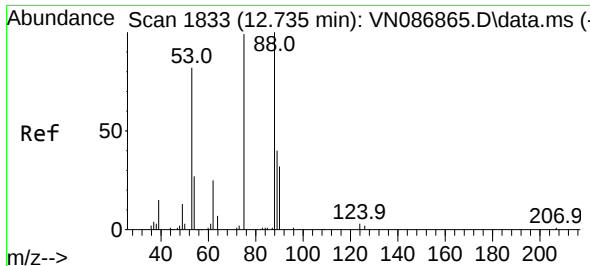
Tgt Ion:105 Resp: 18390

Ion Ratio Lower Upper

105 100

120 30.7 24.9 74.6

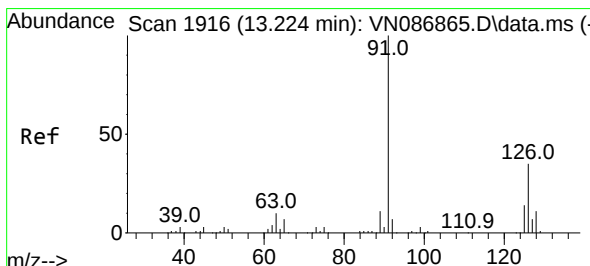
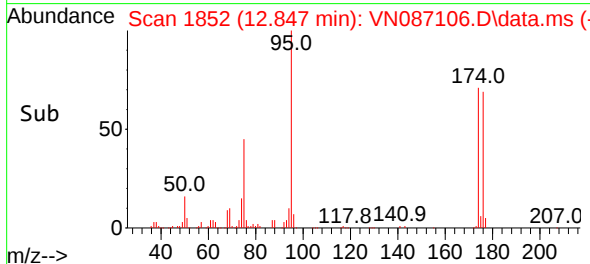
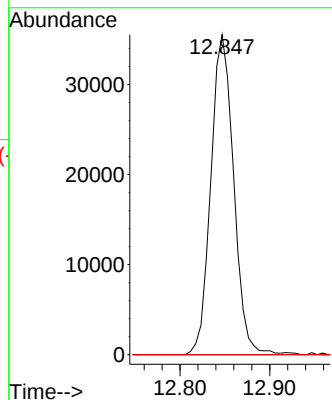
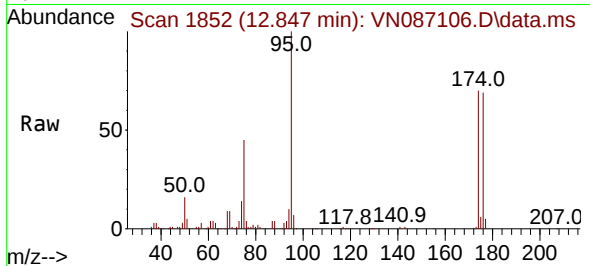




#81
trans-1,4-Dichloro-2-butene
Concen: 46.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

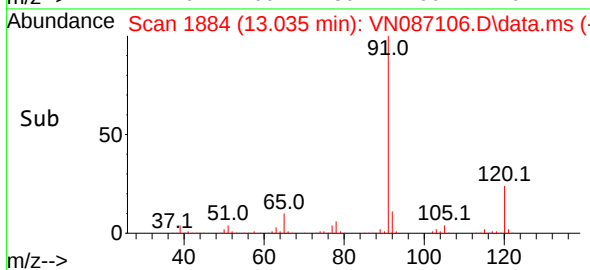
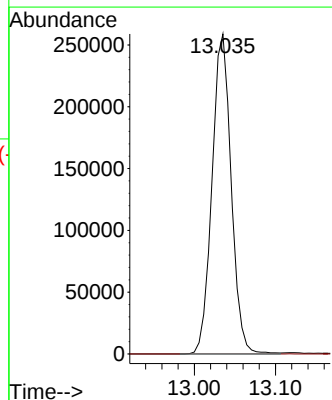
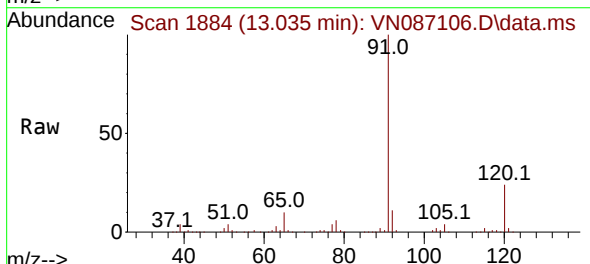
Instrument :
MSVOA_N
ClientSampleId :
MW-06

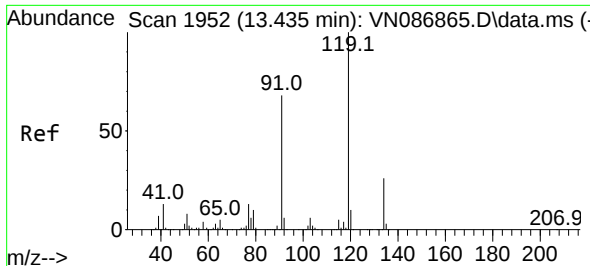
Tgt Ion: 75 Resp: 62634
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#



#82
4-Chlorotoluene
Concen: 60.053 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.188 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 91 Resp: 424264
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#

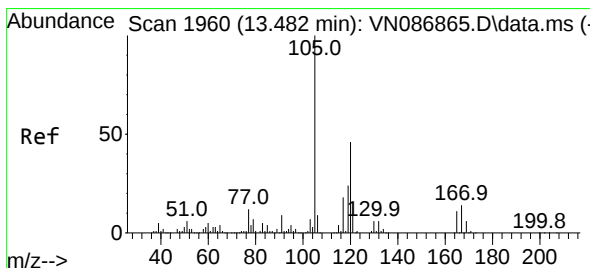
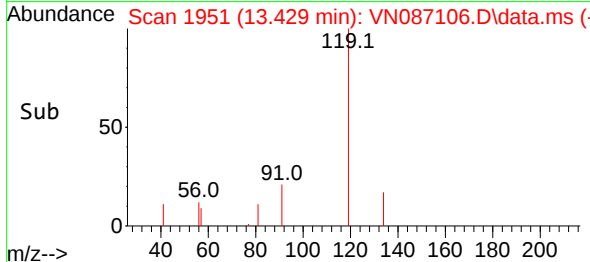
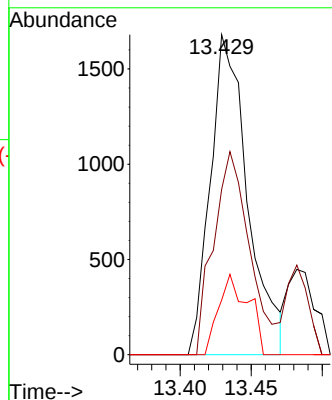
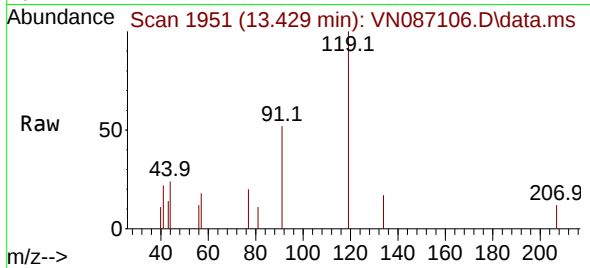




#83
tert-Butylbenzene
Concen: 0.424 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

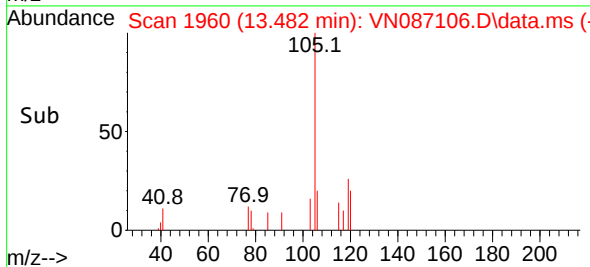
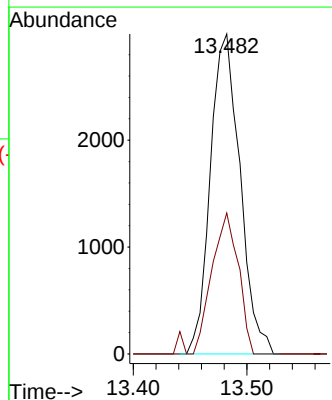
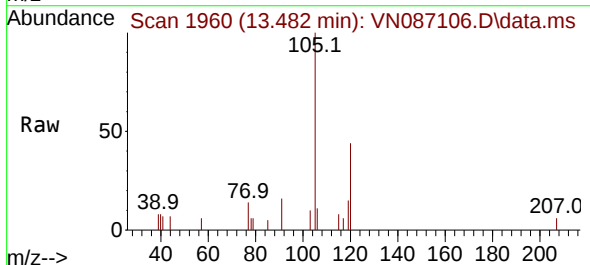
Instrument :
MSVOA_N
ClientSampleId :
MW-06

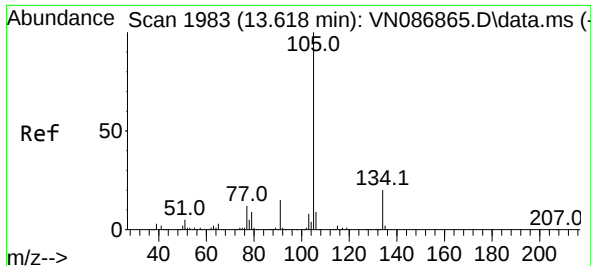
Tgt Ion:119 Resp: 3070
Ion Ratio Lower Upper
119 100
91 60.8 32.1 96.5
134 19.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 0.684 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion:105 Resp: 5428
Ion Ratio Lower Upper
105 100
120 39.4 23.2 69.6

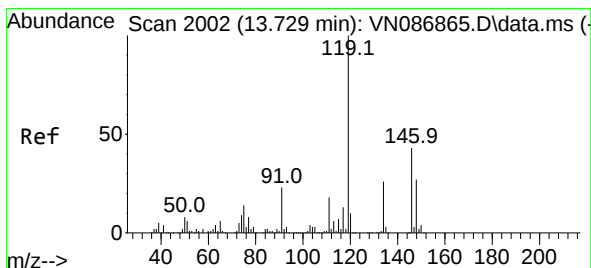
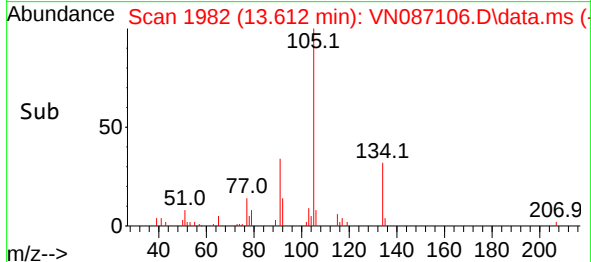
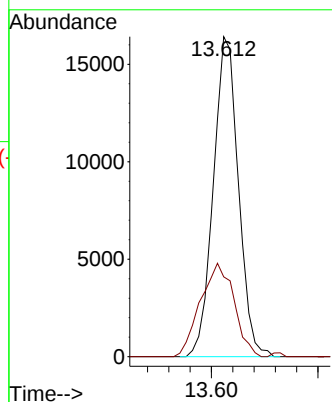
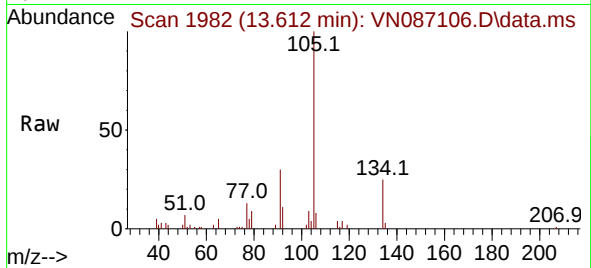




#85
 sec-Butylbenzene
 Concen: 2.544 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087106.D
 Acq: 19 Jun 2025 13:17

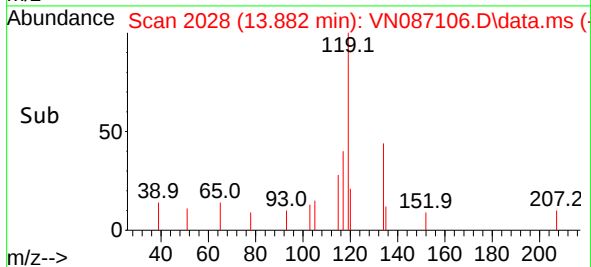
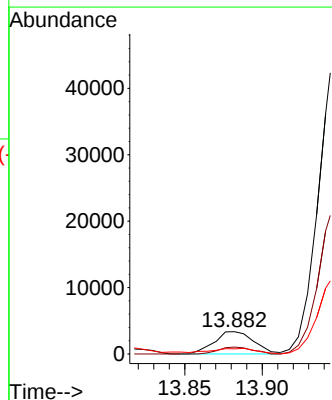
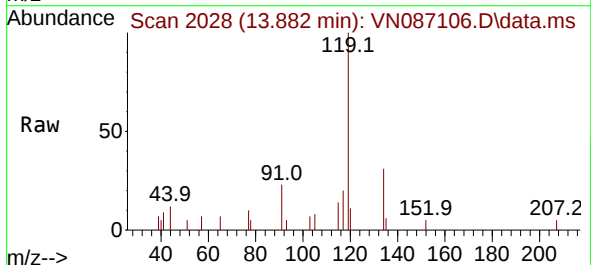
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

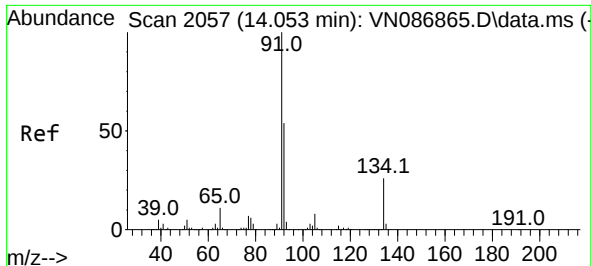
Tgt Ion:105 Resp: 26748
 Ion Ratio Lower Upper
 105 100
 134 39.3 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 0.689 ug/l
 RT: 13.882 min Scan# 2028
 Delta R.T. 0.153 min
 Lab File: VN087106.D
 Acq: 19 Jun 2025 13:17

Tgt Ion:119 Resp: 5988
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 28.2 11.5 34.4

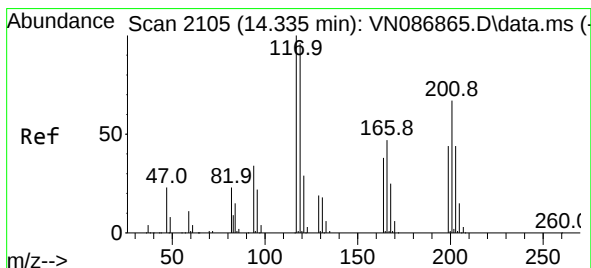
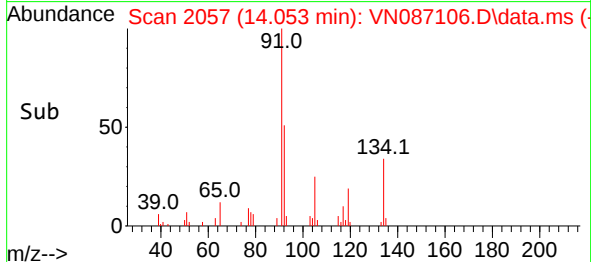
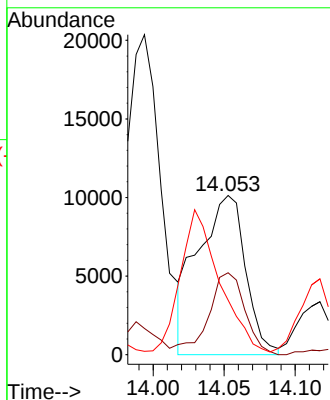
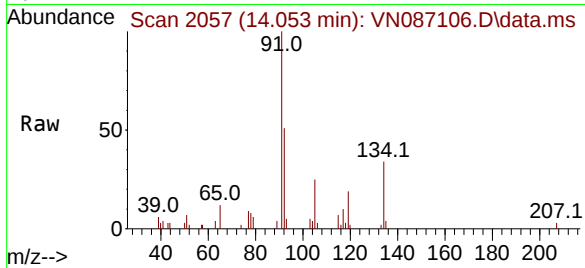




#89
n-Butylbenzene
Concen: 2.813 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

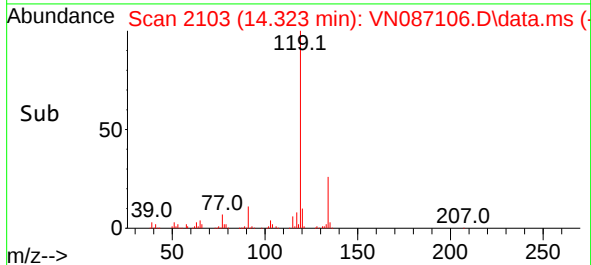
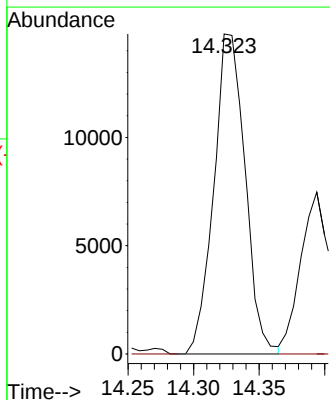
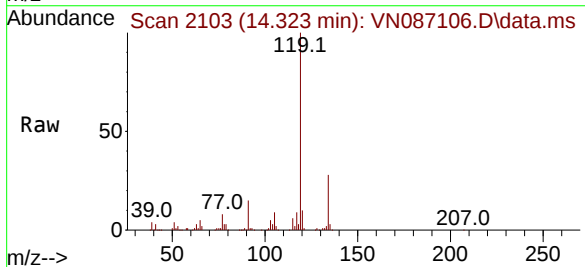
Instrument :
MSVOA_N
ClientSampleId :
MW-06

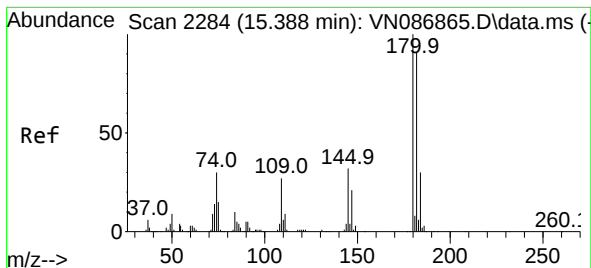
Tgt Ion: 91 Resp: 23684
Ion Ratio Lower Upper
91 100
92 38.4 27.5 82.4
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 16.651 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN087106.D
Acq: 19 Jun 2025 13:17

Tgt Ion: 117 Resp: 24532
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.246 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

MW-06

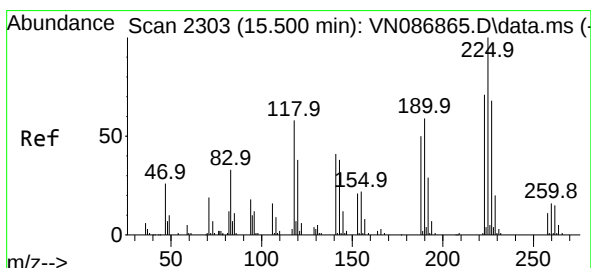
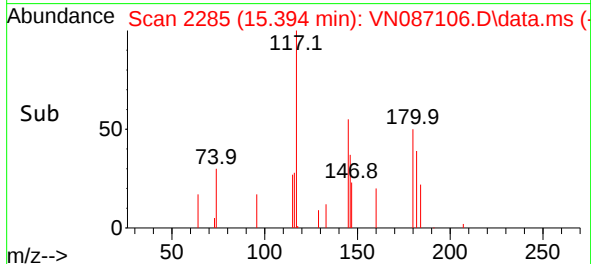
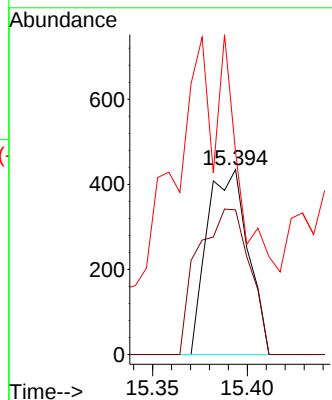
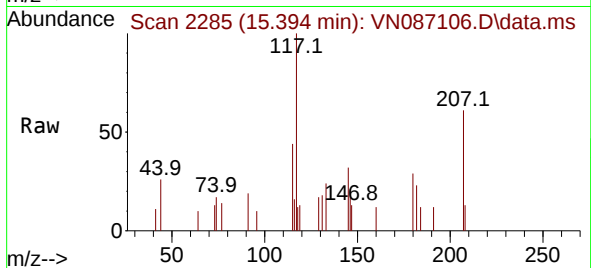
Tgt Ion:180 Resp: 652

Ion Ratio Lower Upper

180 100

182 99.1 46.9 140.7

145 303.7 16.0 47.9#



#94

Hexachlorobutadiene

Concen: 0.657 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

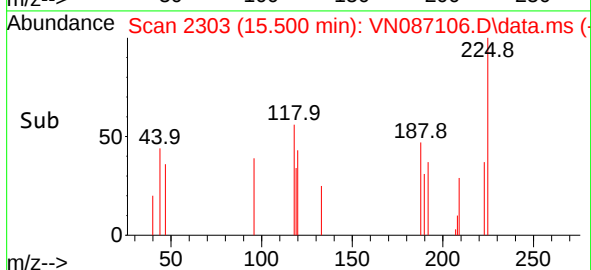
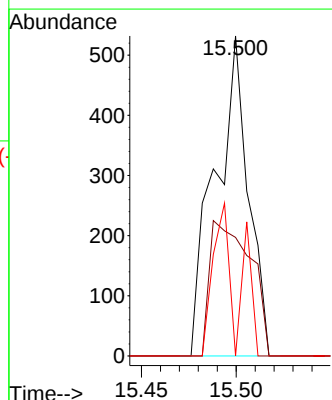
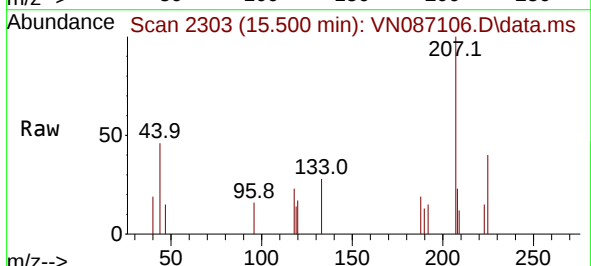
Tgt Ion:225 Resp: 649

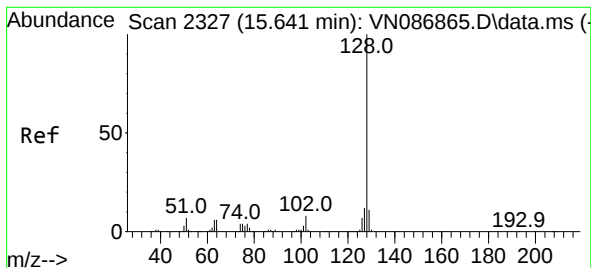
Ion Ratio Lower Upper

225 100

223 51.6 33.5 100.4

227 35.1 31.1 93.5





#95

Naphthalene

Concen: 22.968 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

MW-06

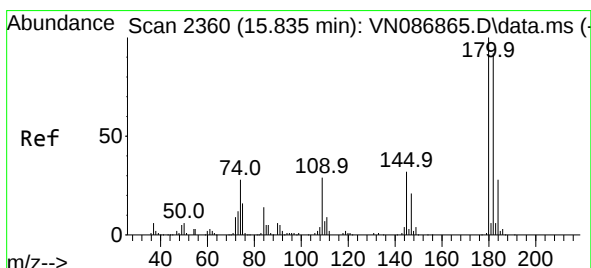
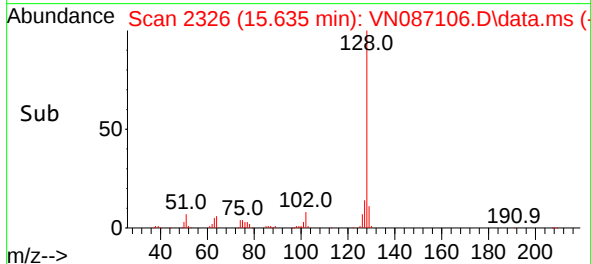
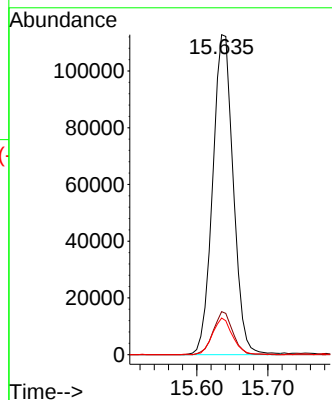
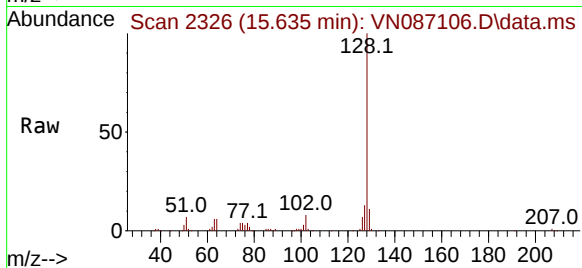
Tgt Ion:128 Resp: 226720

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.239 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087106.D

Acq: 19 Jun 2025 13:17

Tgt Ion:180 Resp: 630

Ion Ratio Lower Upper

180 100

182 81.7 47.0 141.0

145 0.0 16.6 49.8#

