

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088137.D
 Acq On : 28 Oct 2025 14:20
 Operator : JC\MD
 Sample : Q3468-06DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Quant Time: Oct 29 02:24:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	236357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	526942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	250643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	221746	54.255	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.500%	
35) Dibromofluoromethane	8.147	113	166088	46.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.840%	
50) Toluene-d8	10.547	98	611940	44.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.720%	
62) 4-Bromofluorobenzene	12.829	95	250515	52.004	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.000%	

Target Compounds				Qvalue		
6) Chloroethane	3.142	64	628	0.255	ug/l #	42
10) Methyl Iodide	4.600	142	382	4.337	ug/l #	38
11) Tert butyl alcohol	5.495	59	1582	2.247	ug/l #	71
13) Acrolein	4.183	56	219	0.277	ug/l #	14
16) Acetone	4.424	43	14354	6.991	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	3385	0.310	ug/l #	1
20) Methylene Chloride	5.271	84	1180	1.136	ug/l #	76
25) 2-Butanone	7.488	43	4948	1.829	ug/l	99
26) 2,2-Dichloropropane	7.436	77	1131	0.205	ug/l #	54
31) Cyclohexane	8.206	56	6209	1.085	ug/l #	48
36) 1,1-Dichloropropene	8.206	75	24631	4.765	ug/l #	50
38) Carbon Tetrachloride	8.212	117	27246	5.104	ug/l #	15
39) Methylcyclohexane	9.577	83	5287	0.796	ug/l #	79
40) Benzene	8.588	78	268682	17.068	ug/l	95
42) 1,2-Dichloroethane	8.588	62	3266	0.584	ug/l	91
51) 4-Methyl-2-Pentanone	10.424	43	1876	0.309	ug/l #	77
52) Toluene	10.612	92	127177	13.104	ug/l	98
53) t-1,3-Dichloropropene	10.606	75	1728	0.286	ug/l #	1
59) 2-Hexanone	11.053	43	1590	0.395	ug/l	65
67) Ethyl Benzene	11.941	91	1185116	59.117	ug/l	100
68) m/p-Xylenes	12.053	106	241389	32.137	ug/l	98
69) o-Xylene	12.376	106	299779	42.101	ug/l	96
70) Styrene	12.376	104	21100	1.817	ug/l #	1
73) Isopropylbenzene	12.676	105	31206	1.614	ug/l	99
76) 1,2,3-Trichloropropane	12.829	75	142115	24.800	ug/l #	1
78) n-propylbenzene	13.018	91	70336	2.981	ug/l	99
79) 2-Chlorotoluene	13.112	91	14816	1.101	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.112	105	122380	7.623	ug/l	77
81) trans-1,4-Dichloro-2-b...	12.829	75	142115	69.180	ug/l #	1
82) 4-Chlorotoluene	13.112	91	14816	1.018	ug/l #	43
83) tert-Butylbenzene	13.459	119	73504	5.125	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.459	105	607187	37.800	ug/l	100
85) sec-Butylbenzene	13.459	105	607126	28.813	ug/l #	58
86) p-Isopropyltoluene	13.706	119	3422	0.202	ug/l #	65
89) n-Butylbenzene	14.041	91	6885	0.411	ug/l #	76
90) Hexachloroethane	14.306	117	5732	1.751	ug/l #	22

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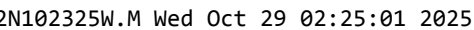
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

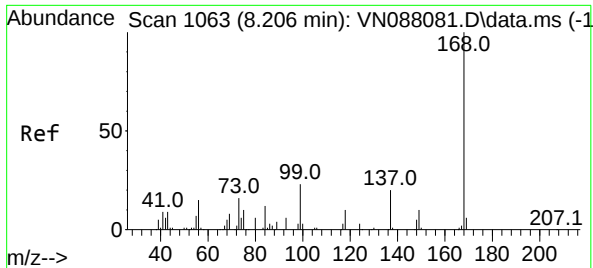
Quant Time: Oct 29 02:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.617	128	275031	16.526	ug/l	100

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

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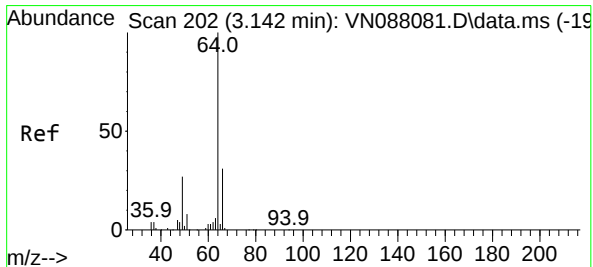
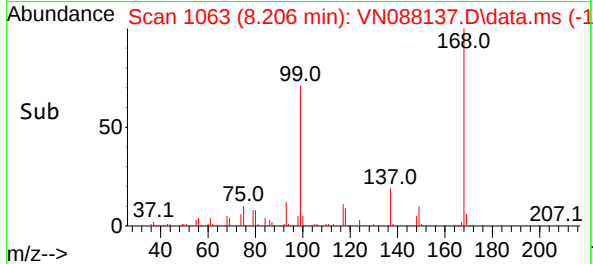
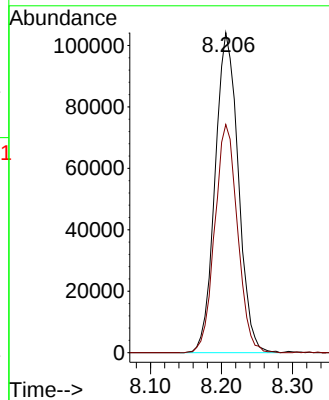
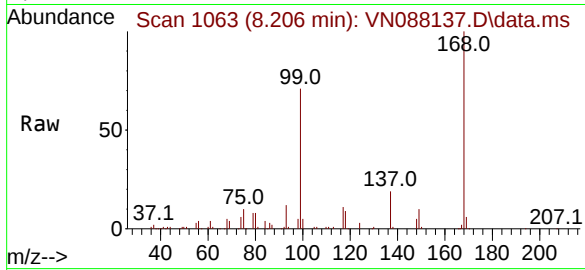




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

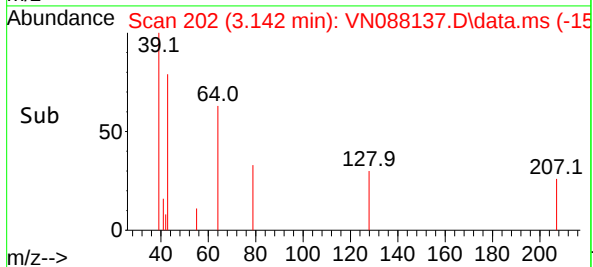
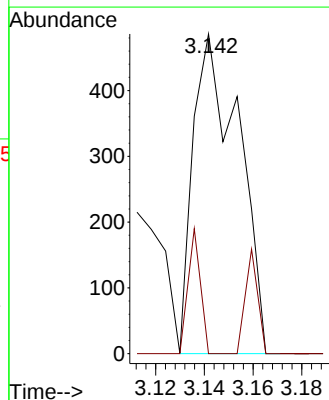
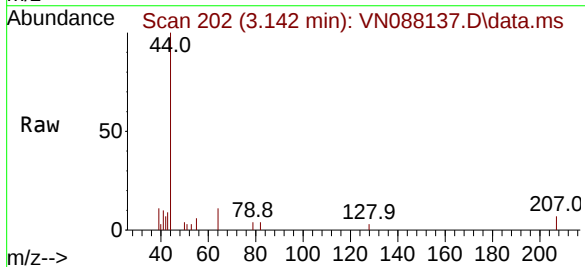
Instrument :
MSVOA_N
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MW-12DL

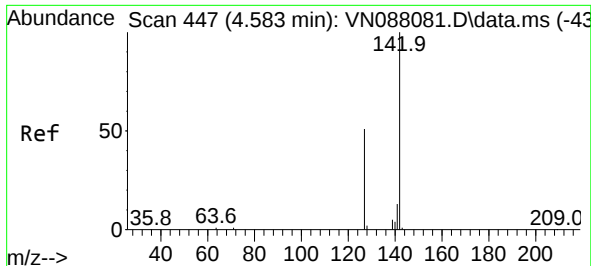
Tgt Ion:168 Resp: 236357
Ion Ratio Lower Upper
168 100
99 71.3 57.2 85.8



#6
Chloroethane
Concen: 0.255 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 64 Resp: 628
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.2#





#10

Methyl Iodide

Concen: 4.337 ug/l

RT: 4.600 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

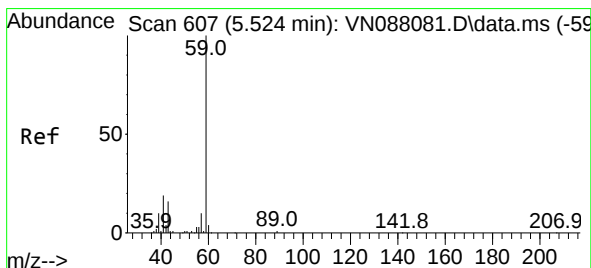
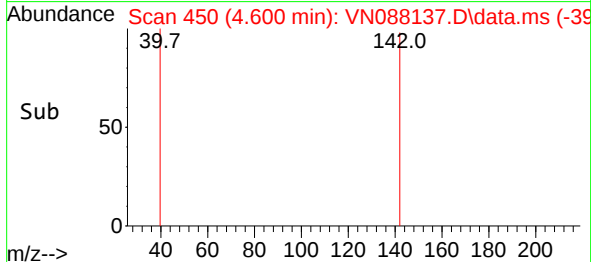
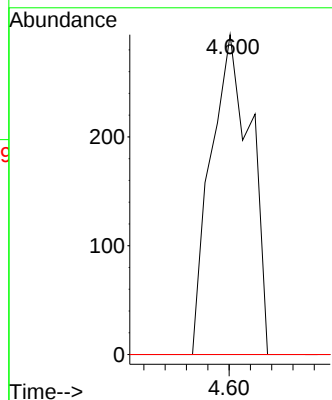
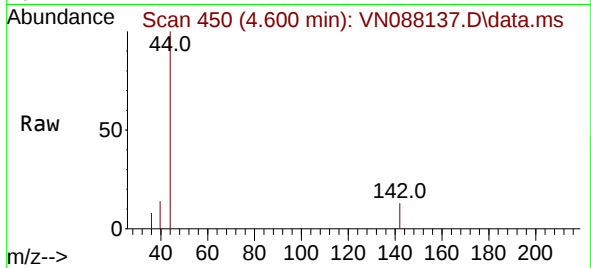
Tgt Ion:142 Resp: 382

Ion Ratio Lower Upper

142 100

127 0.0 38.0 57.0#

141 0.0 12.0 18.0#



#11

Tert butyl alcohol

Concen: 2.247 ug/l

RT: 5.495 min Scan# 602

Delta R.T. -0.024 min

Lab File: VN088137.D

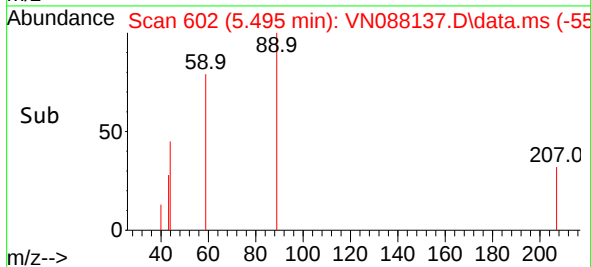
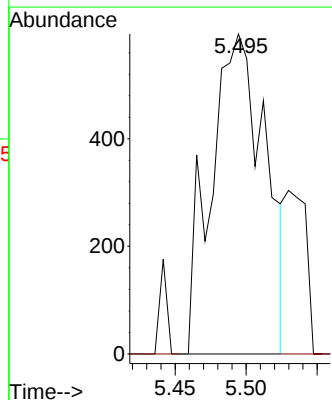
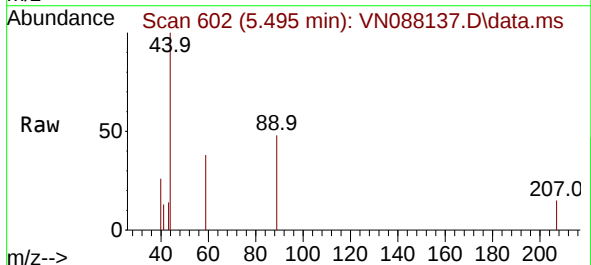
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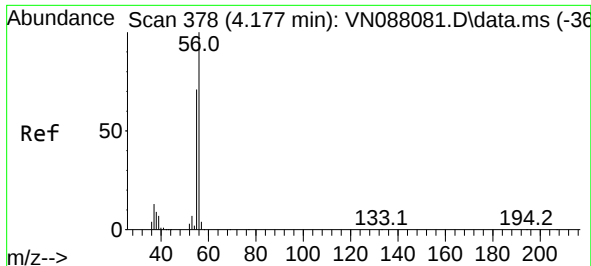
Tgt Ion: 59 Resp: 1582

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#

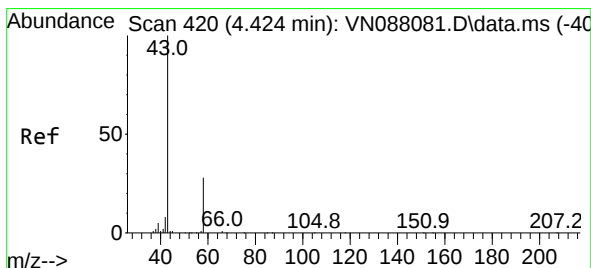
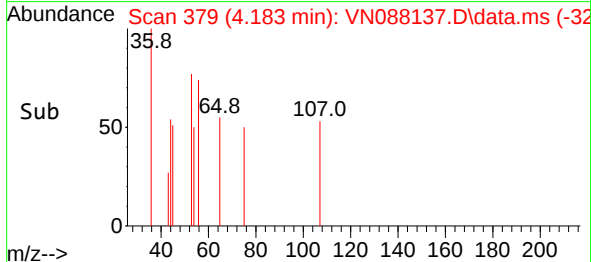
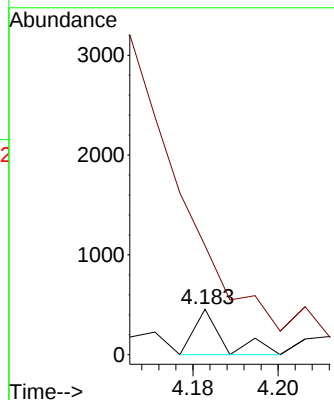
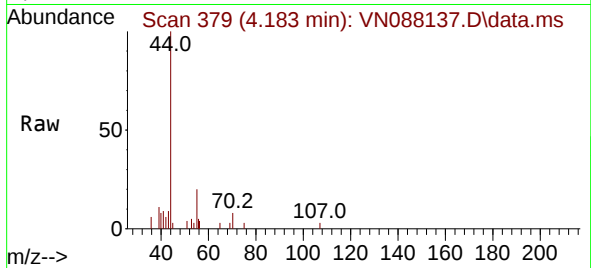




#13
Acrolein
Concen: 0.277 ug/l
RT: 4.183 min Scan# 319
Delta R.T. 0.012 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

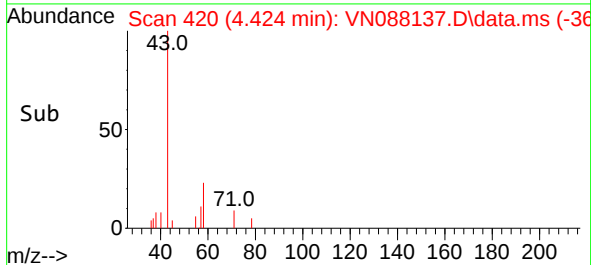
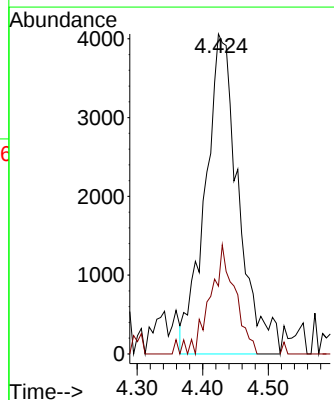
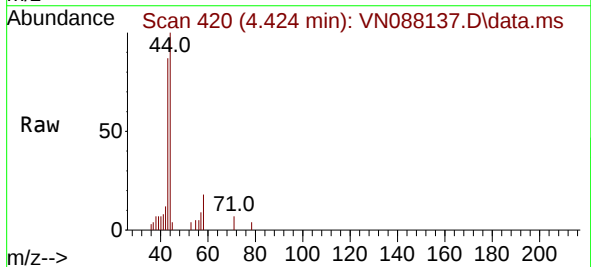
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

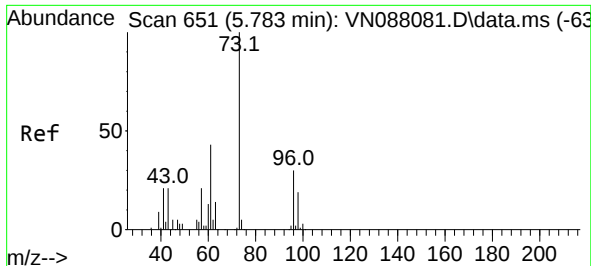
Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 6.991 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 43 Resp: 14354
Ion Ratio Lower Upper
43 100
58 21.2 22.6 33.8#

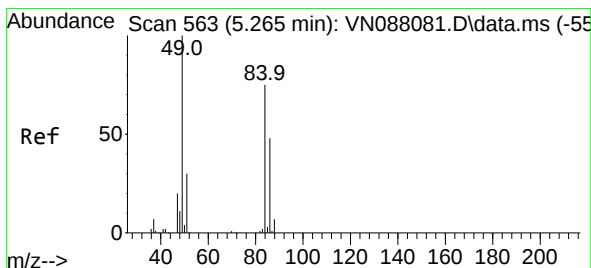
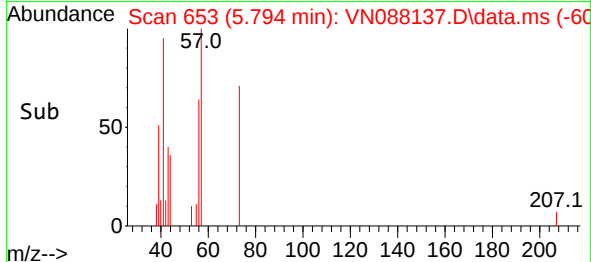
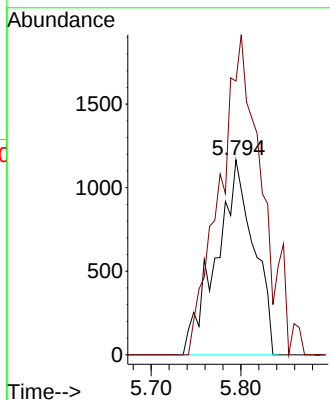
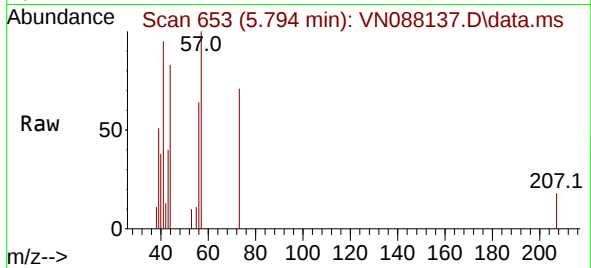




#19
Methyl tert-butyl Ether
Concen: 0.310 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

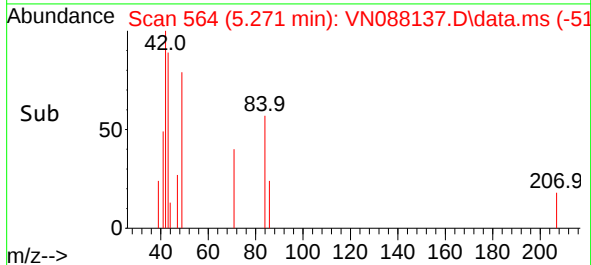
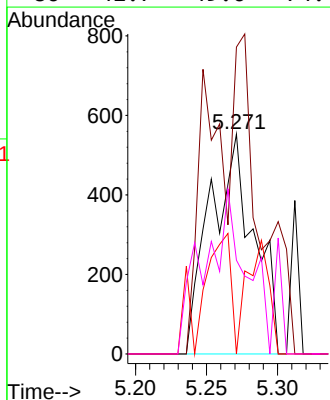
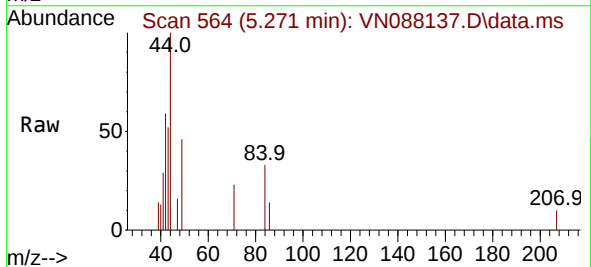
Instrument :
MSVOA_N
ClientSampleId :
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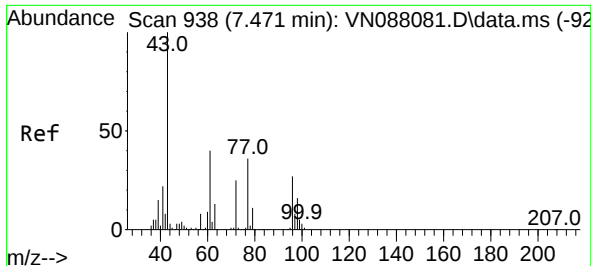
Tgt Ion: 73 Resp: 3385
Ion Ratio Lower Upper
73 100
57 140.4 18.4 27.6#



#20
Methylene Chloride
Concen: 1.136 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 84 Resp: 1180
Ion Ratio Lower Upper
84 100
49 139.6 103.4 155.2
51 0.0 33.8 50.8#
86 42.7 49.6 74.4#

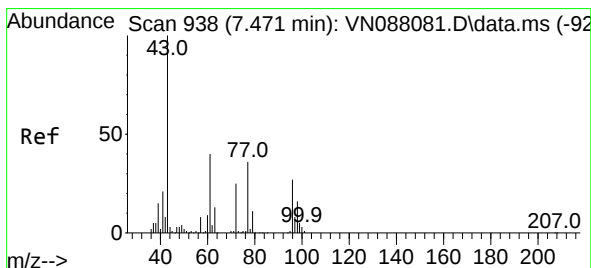
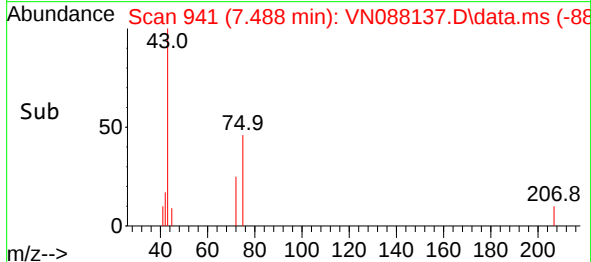
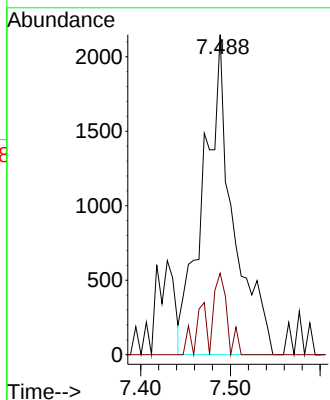
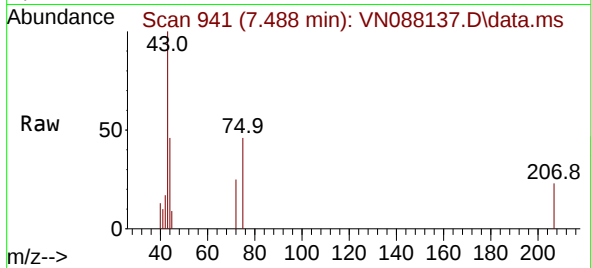




#25
2-Butanone
Concen: 1.829 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

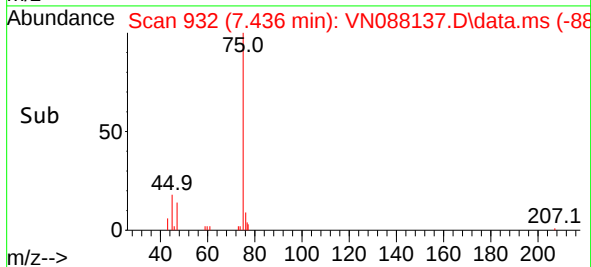
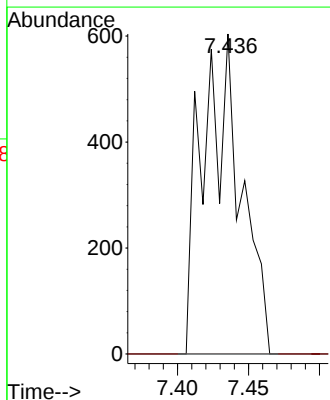
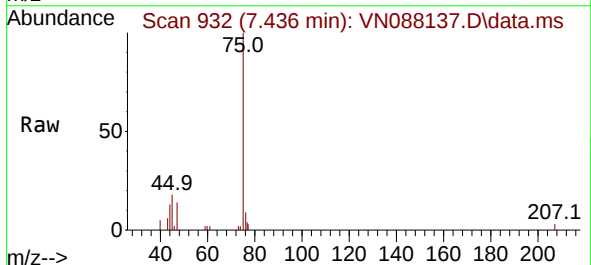
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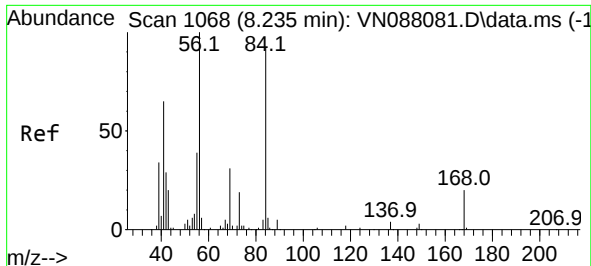
Tgt Ion: 43 Resp: 4948
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 0.205 ug/l
RT: 7.436 min Scan# 932
Delta R.T. -0.041 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 77 Resp: 1131
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.7#

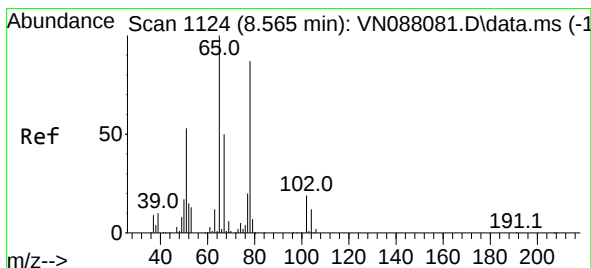
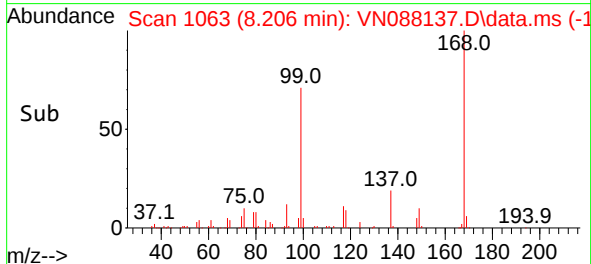
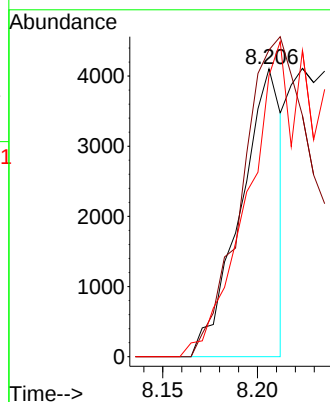
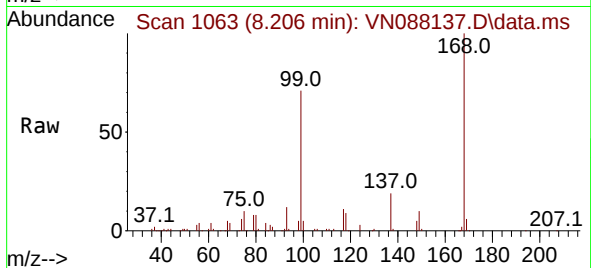




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

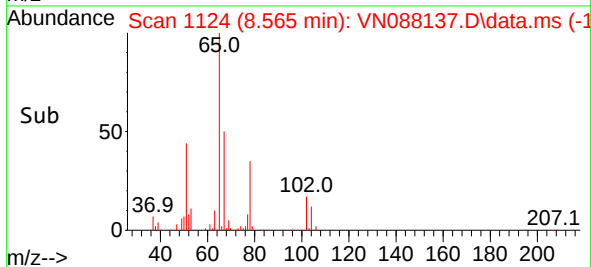
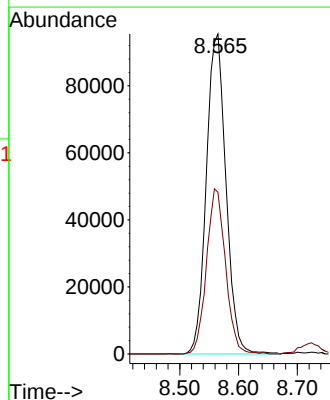
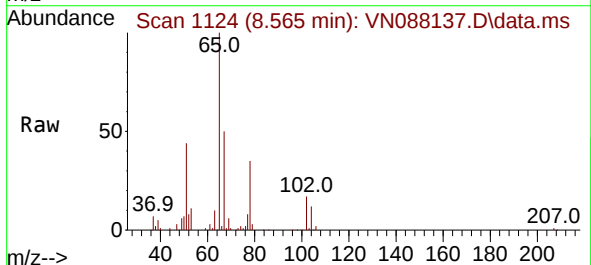
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

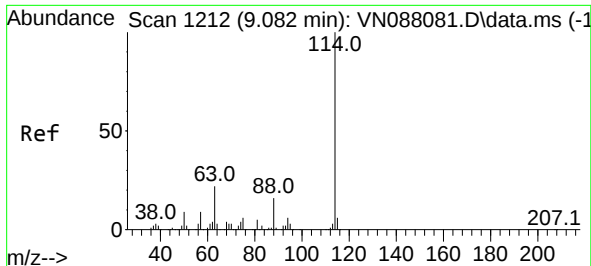
Tgt Ion: 56 Resp: 6209
Ion Ratio Lower Upper
56 100
69 106.6 23.7 35.5#
84 97.7 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 54.255 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 65 Resp: 221746
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.0

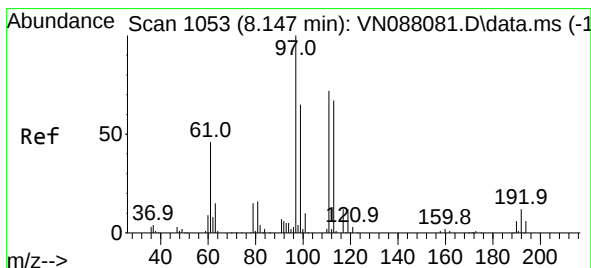
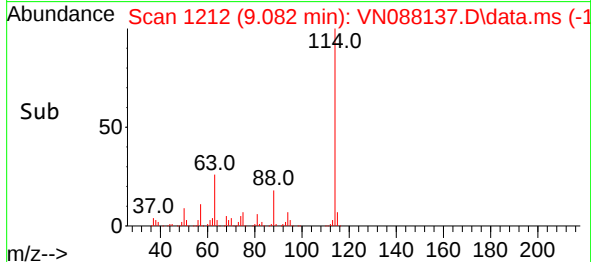
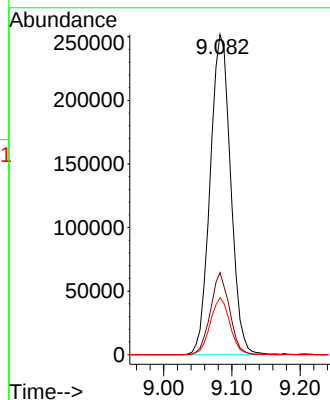
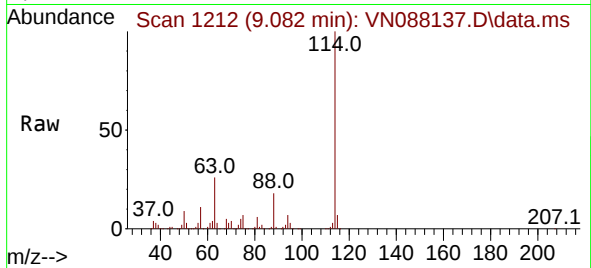




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

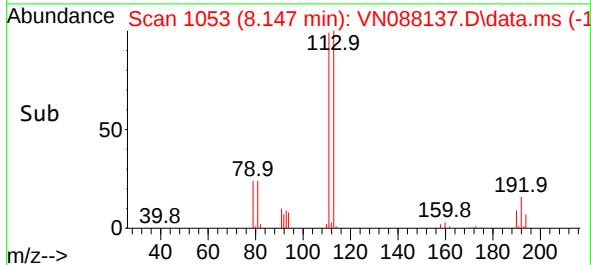
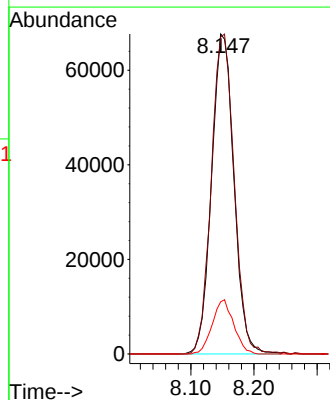
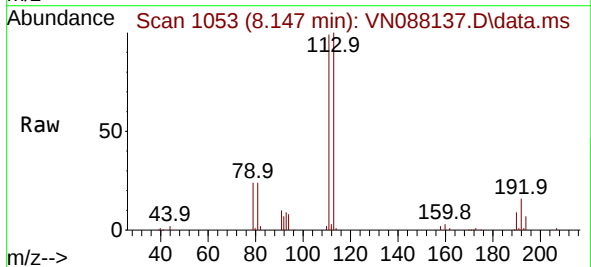
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

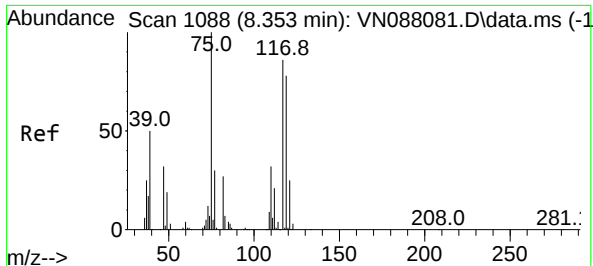
Tgt Ion:114 Resp: 526942
Ion Ratio Lower Upper
114 100
63 25.6 0.0 45.2
88 17.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.917 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion:113 Resp: 166088
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 16.3 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

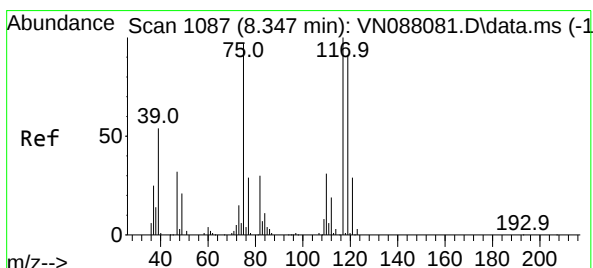
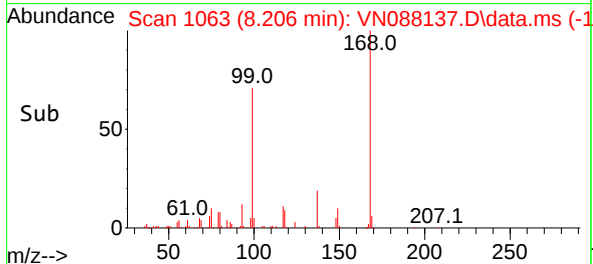
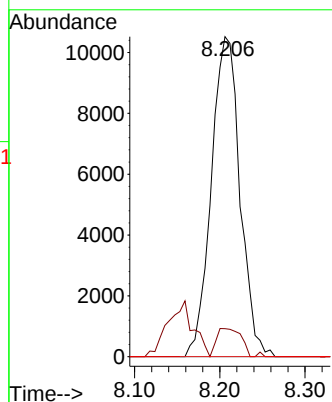
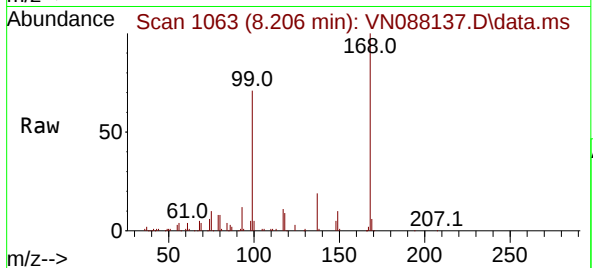
Tgt Ion: 75 Resp: 24631

Ion Ratio Lower Upper

75 100

110 7.5 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.104 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.129 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

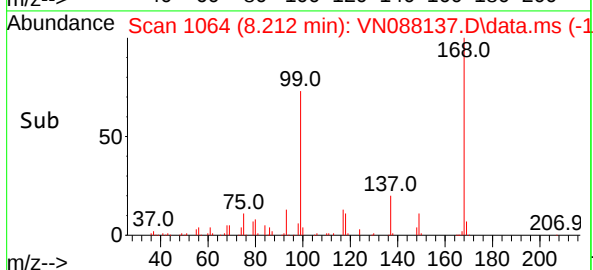
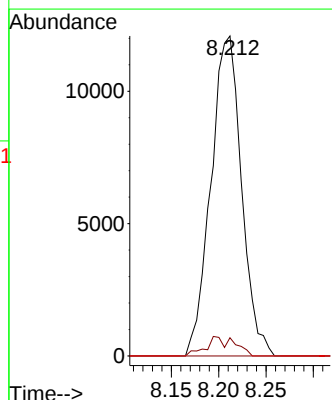
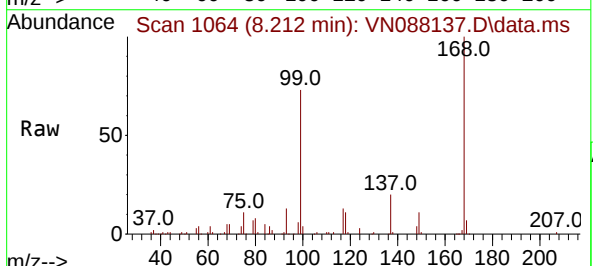
Tgt Ion: 117 Resp: 27246

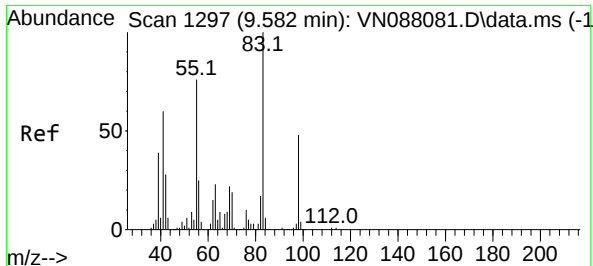
Ion Ratio Lower Upper

117 100

119 5.7 79.0 118.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.796 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

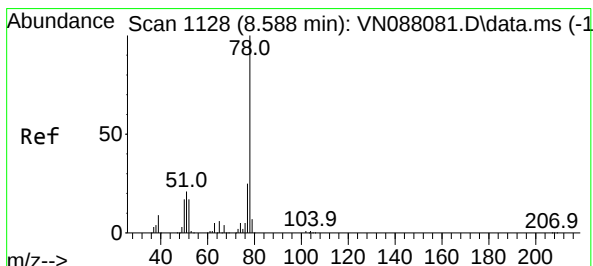
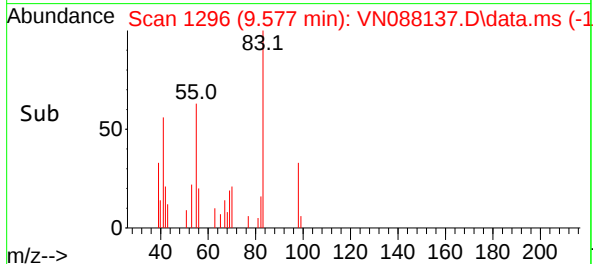
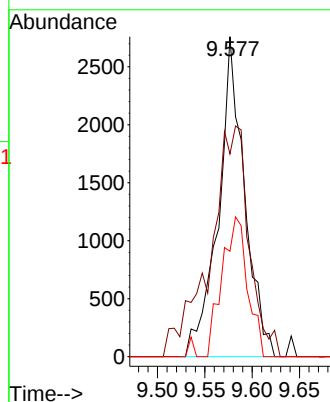
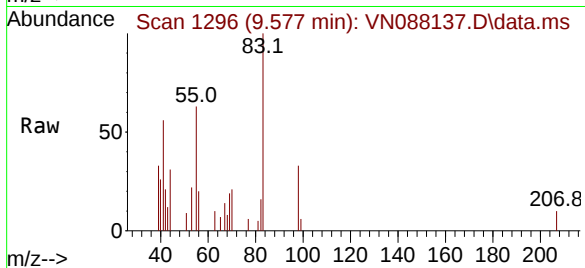
Tgt Ion: 83 Resp: 5287

Ion Ratio Lower Upper

83 100

55 63.4 64.6 96.8#

98 32.9 38.4 57.6#



#40

Benzene

Concen: 17.068 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088137.D

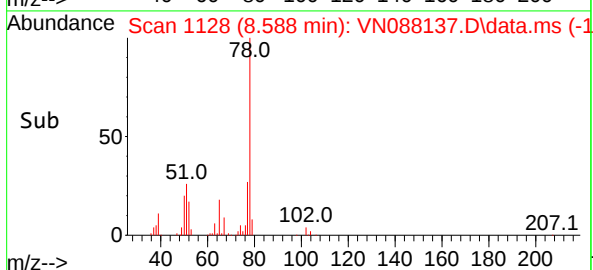
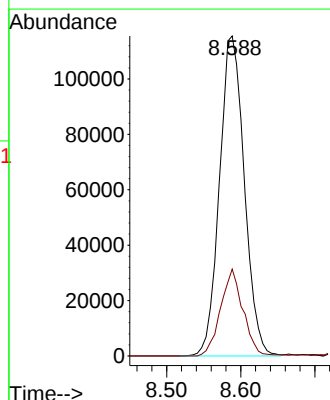
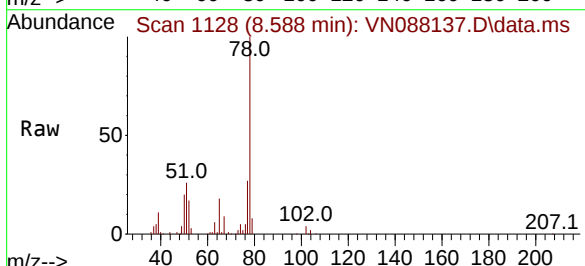
Acq: 28 Oct 2025 14:20

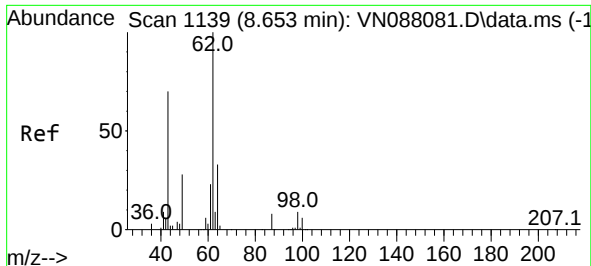
Tgt Ion: 78 Resp: 268682

Ion Ratio Lower Upper

78 100

77 27.1 19.7 29.5





#42

1,2-Dichloroethane

Concen: 0.584 ug/l

RT: 8.588 min Scan# 1139

Delta R.T. -0.065 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

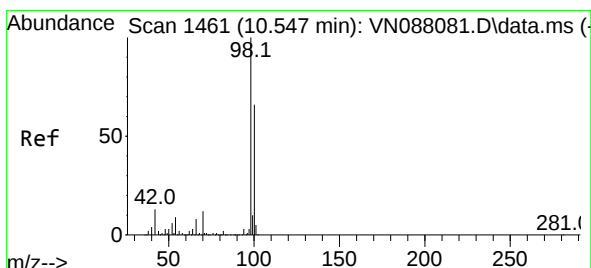
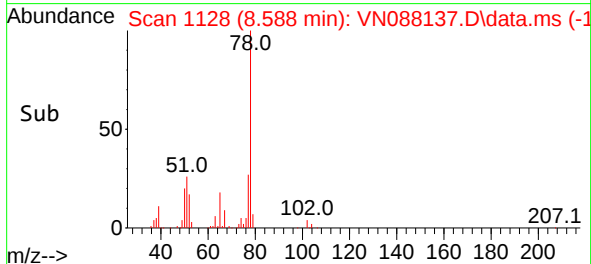
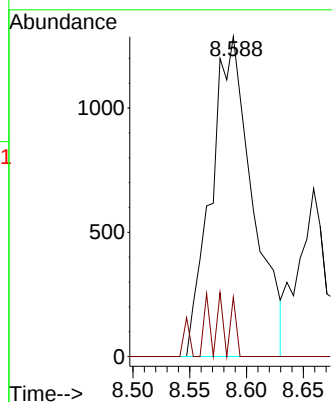
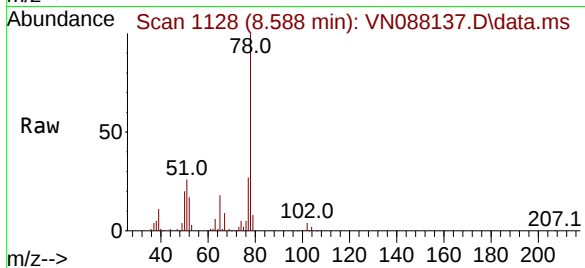
MW-12DL

Tgt Ion: 62 Resp: 3266

Ion Ratio Lower Upper

62 100

98 5.4 0.0 17.4



#50

Toluene-d8

Concen: 44.863 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088137.D

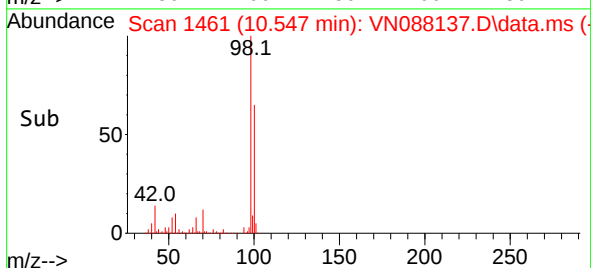
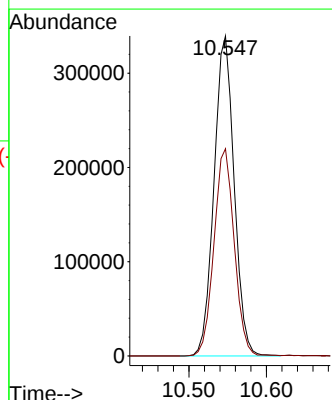
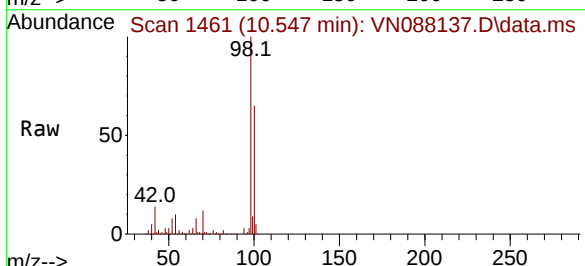
Acq: 28 Oct 2025 14:20

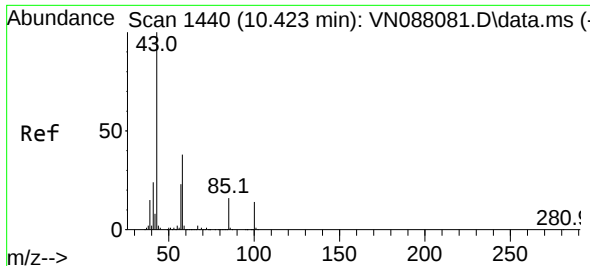
Tgt Ion: 98 Resp: 611940

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 0.309 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

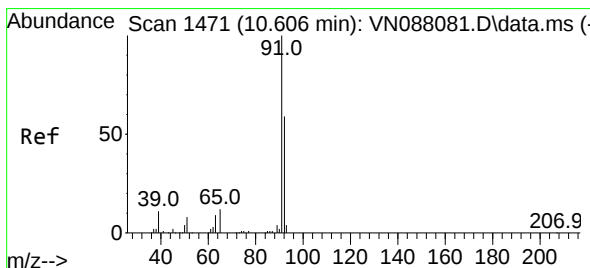
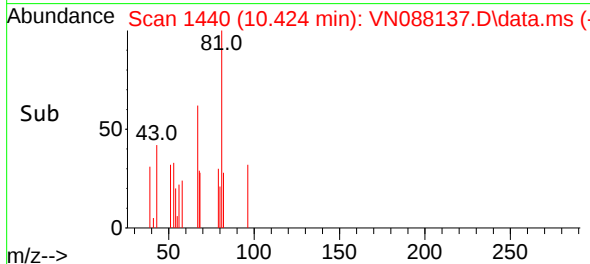
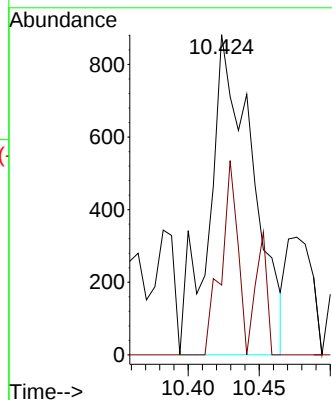
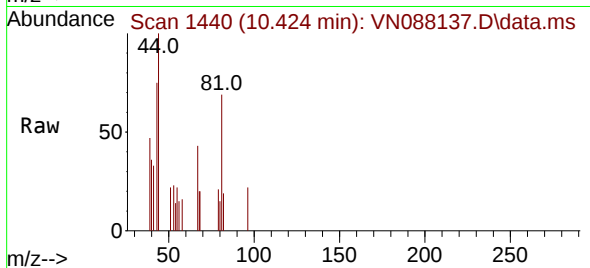
MW-12DL

Tgt Ion: 43 Resp: 1876

Ion Ratio Lower Upper

43 100

58 23.2 29.6 44.4#



#52

Toluene

Concen: 13.104 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VN088137.D

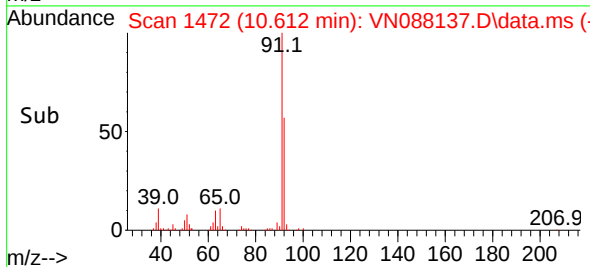
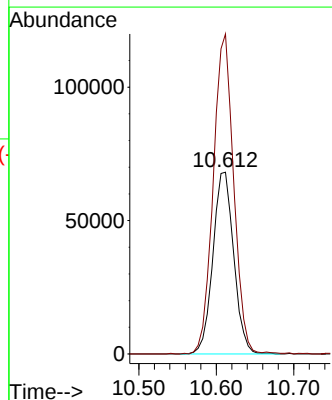
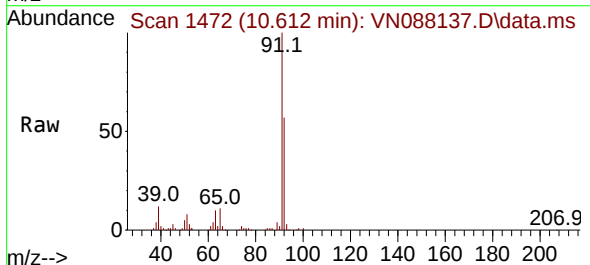
Acq: 28 Oct 2025 14:20

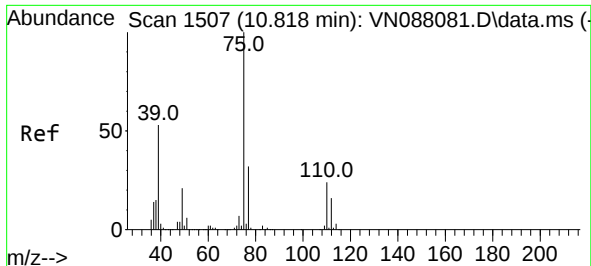
Tgt Ion: 92 Resp: 127177

Ion Ratio Lower Upper

92 100

91 173.0 140.4 210.6

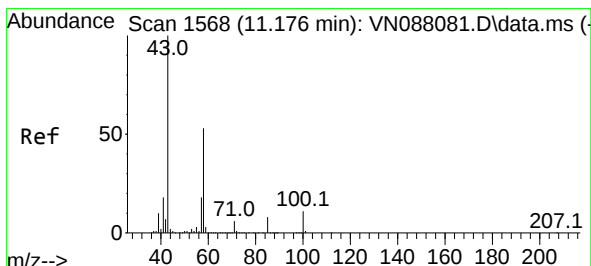
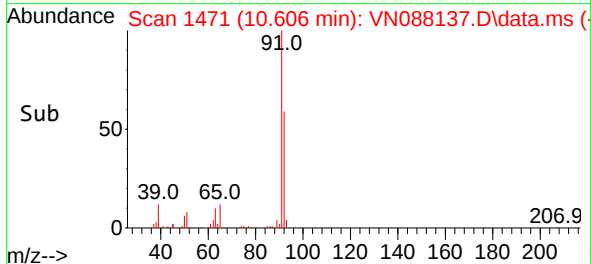
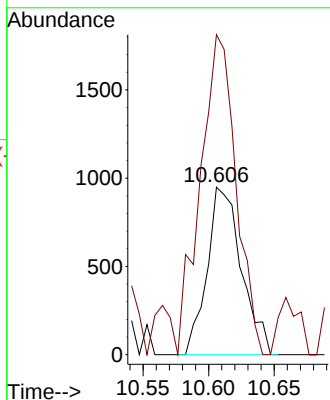
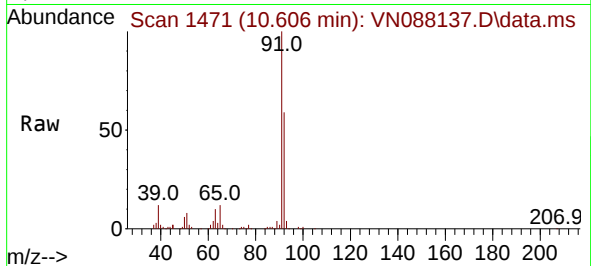




#53
t-1,3-Dichloropropene
Concen: 0.286 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.212 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

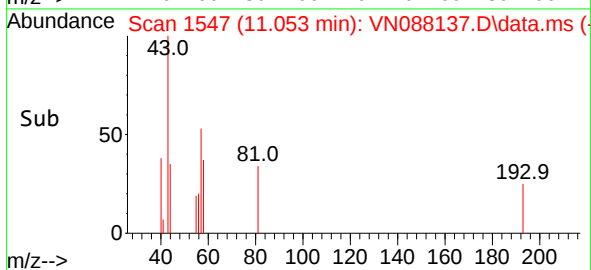
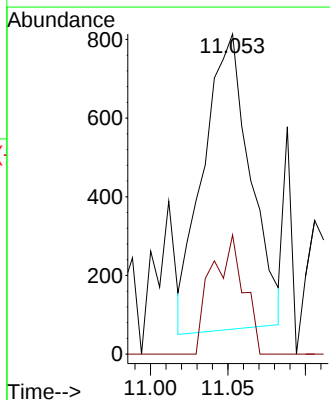
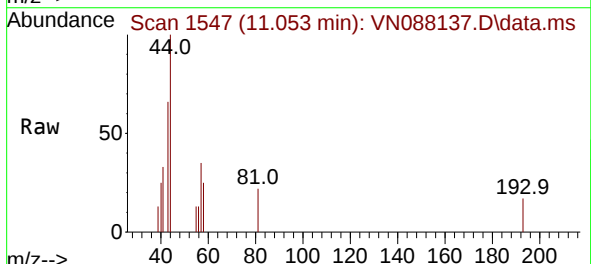
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

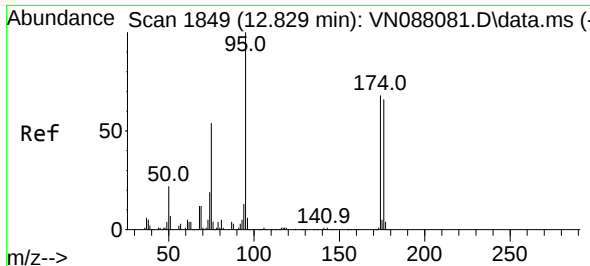
Tgt Ion: 75 Resp: 1728
Ion Ratio Lower Upper
75 100
77 191.0 25.2 37.8#



#59
2-Hexanone
Concen: 0.395 ug/l
RT: 11.053 min Scan# 1547
Delta R.T. -0.124 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 27.5 25.9 77.8

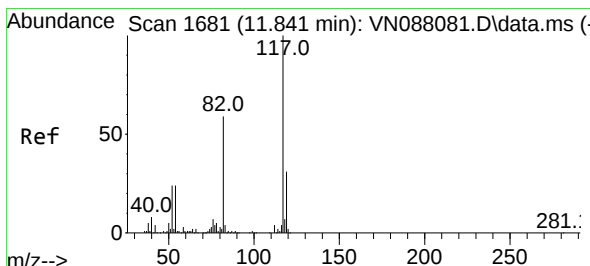
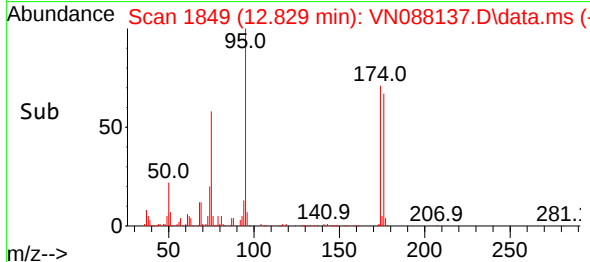
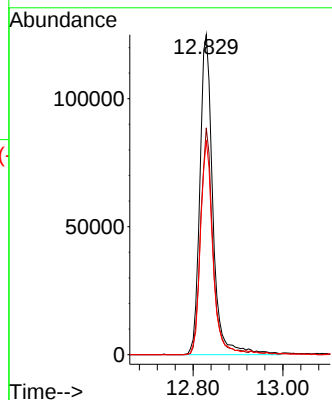
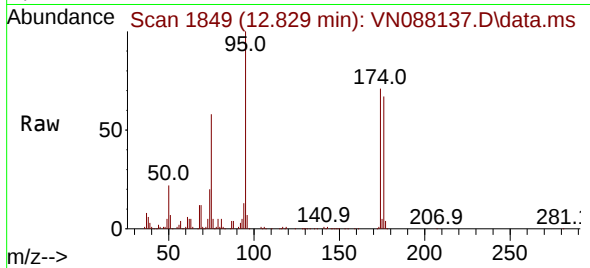




#62
4-Bromofluorobenzene
Concen: 52.004 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

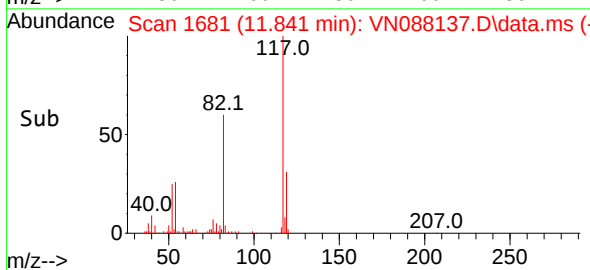
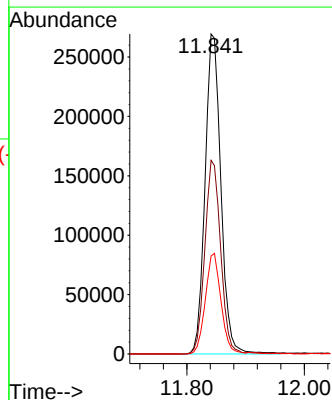
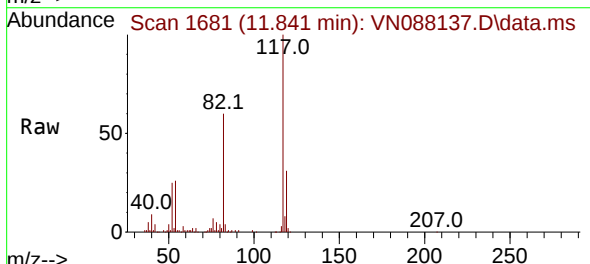
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

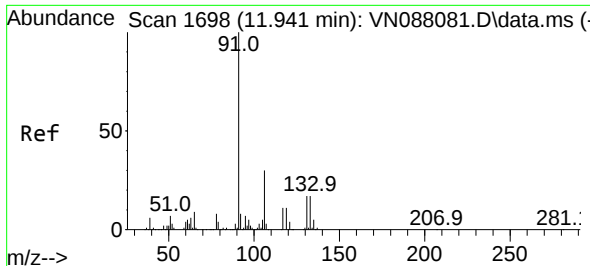
Tgt Ion: 95 Resp: 250515
Ion Ratio Lower Upper
95 100
174 66.9 0.0 138.4
176 63.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 117 Resp: 502965
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 30.6 24.3 36.5





#67

Ethyl Benzene

Concen: 59.117 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

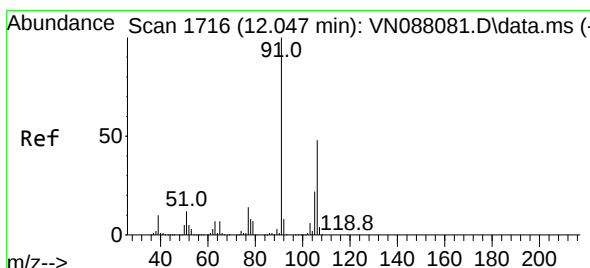
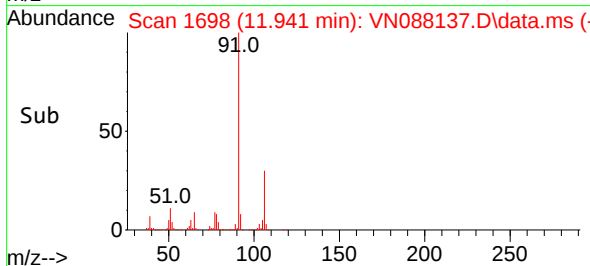
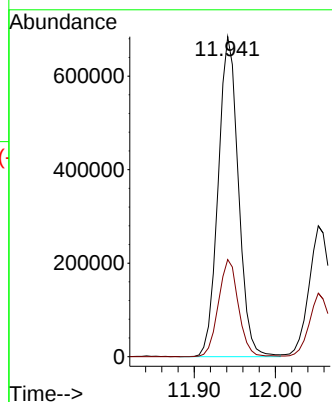
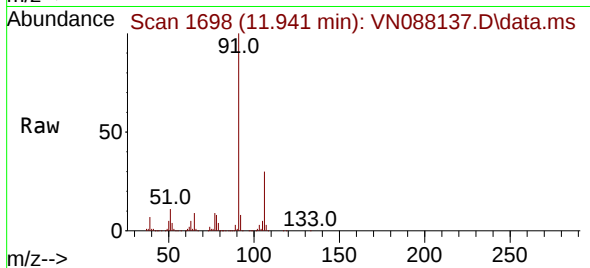
MW-12DL

Tgt Ion: 91 Resp: 1185116

Ion Ratio Lower Upper

91 100

106 30.3 24.1 36.1



#68

m/p-Xylenes

Concen: 32.137 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088137.D

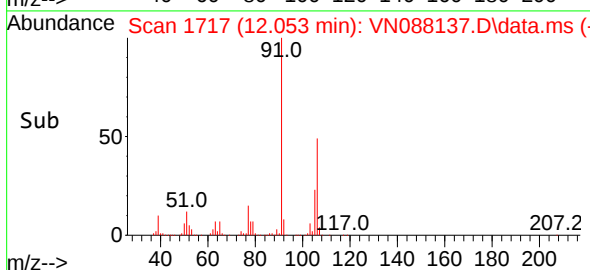
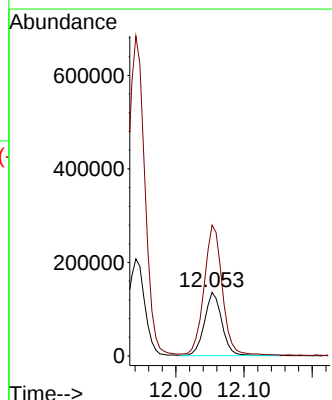
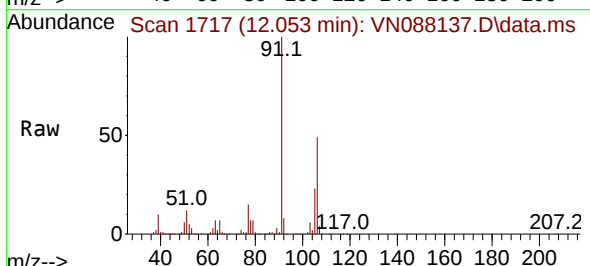
Acq: 28 Oct 2025 14:20

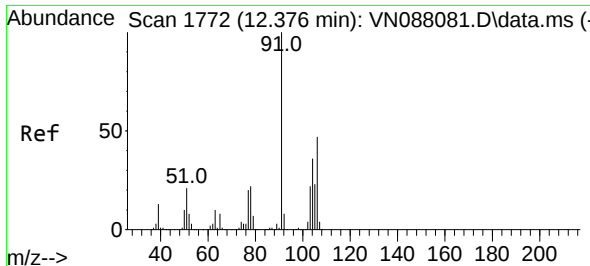
Tgt Ion:106 Resp: 241389

Ion Ratio Lower Upper

106 100

91 215.5 169.3 253.9

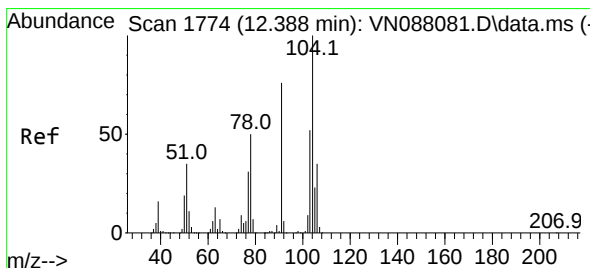
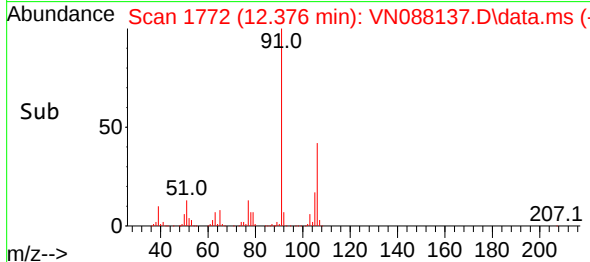
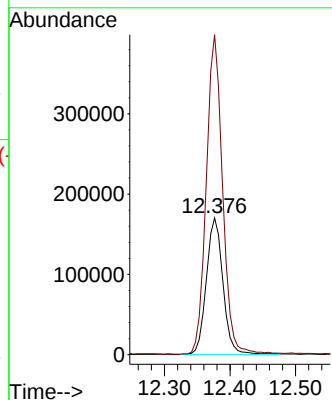
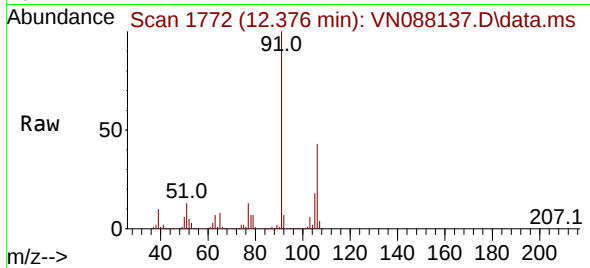




#69
o-Xylene
Concen: 42.101 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

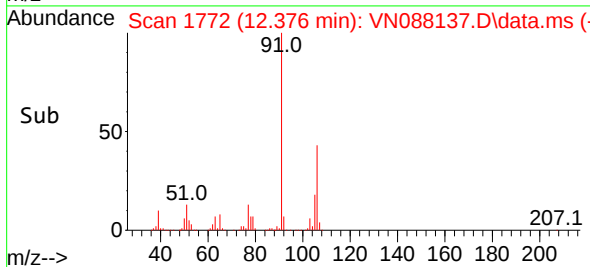
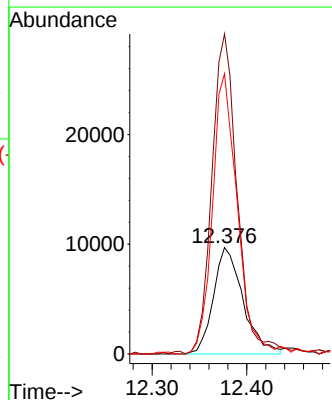
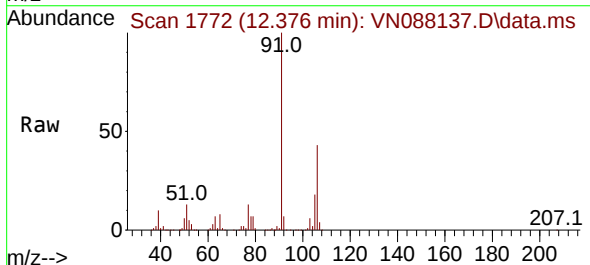
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

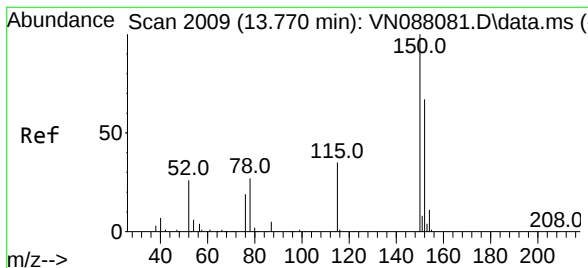
Tgt Ion:106 Resp: 299779
Ion Ratio Lower Upper
106 100
91 229.8 111.4 334.2



#70
Styrene
Concen: 1.817 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion:104 Resp: 21100
Ion Ratio Lower Upper
104 100
78 259.1 42.2 63.2#
103 221.4 43.4 65.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

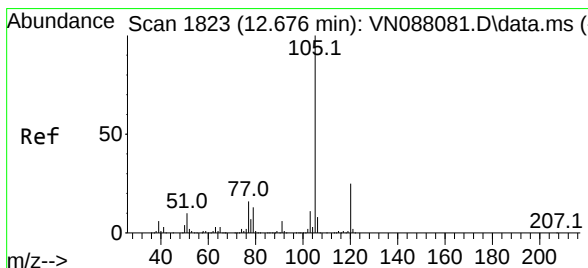
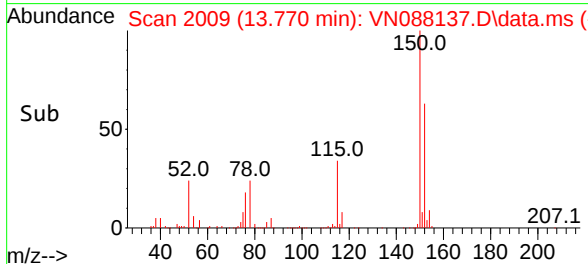
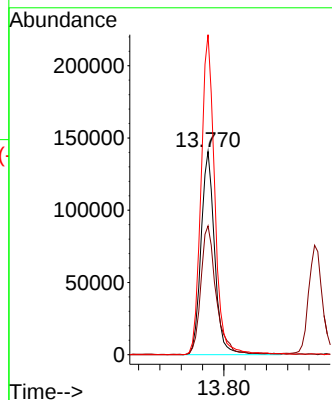
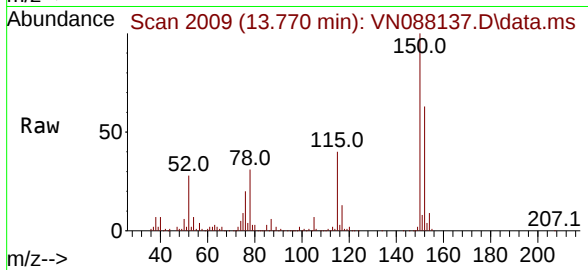
Tgt Ion:152 Resp: 250643

Ion Ratio Lower Upper

152 100

115 71.2 32.3 96.8

150 157.2 0.0 351.0



#73

Isopropylbenzene

Concen: 1.614 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN088137.D

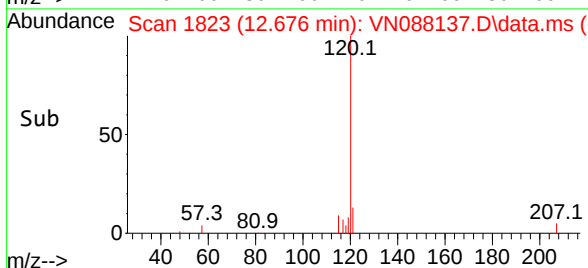
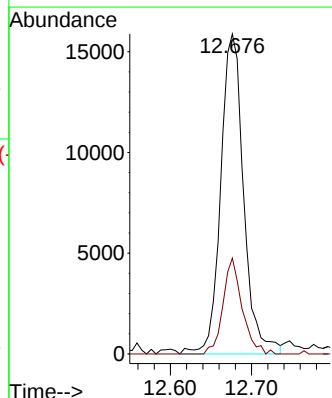
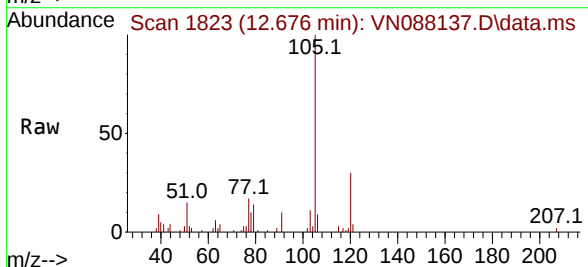
Acq: 28 Oct 2025 14:20

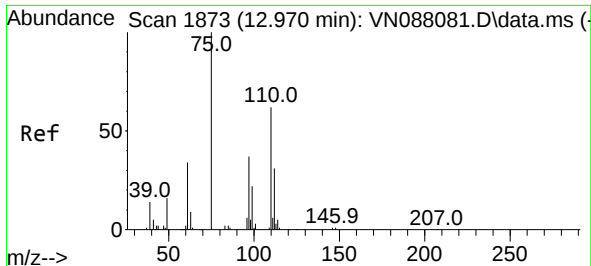
Tgt Ion:105 Resp: 31206

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.3

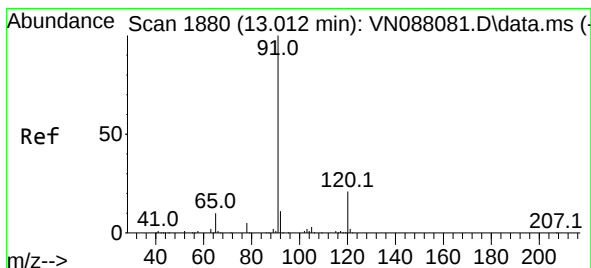
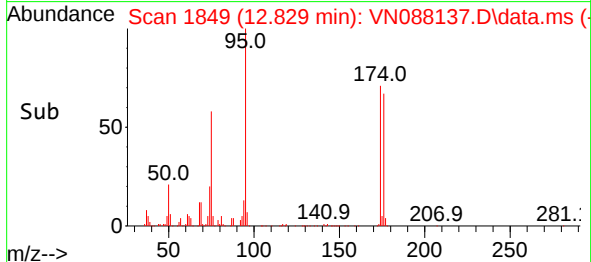
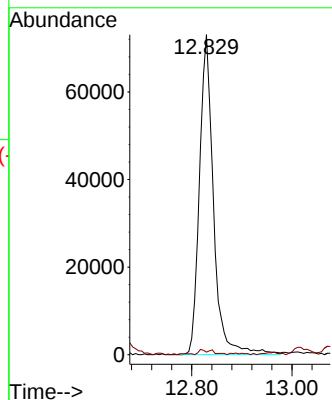
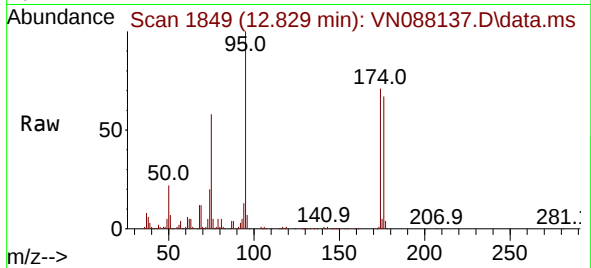




#76
1,2,3-Trichloropropane
Concen: 24.800 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

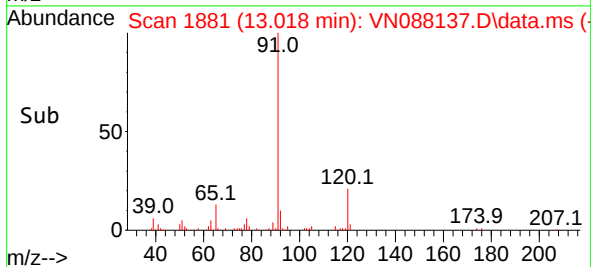
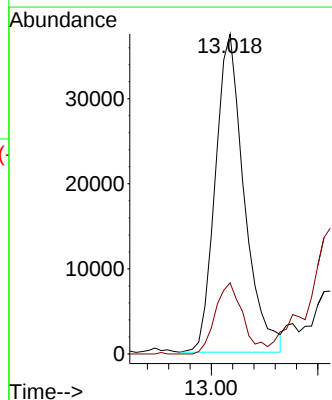
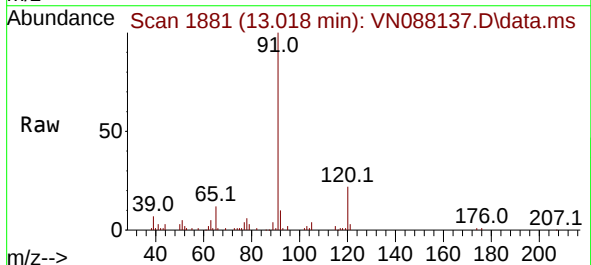
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

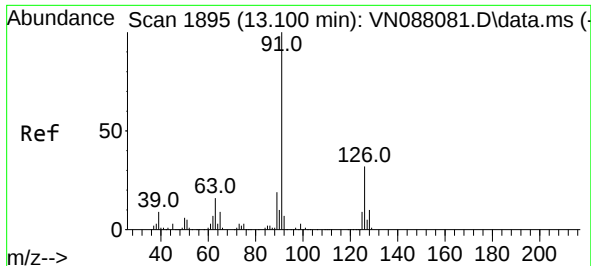
Tgt Ion: 75 Resp: 142115
Ion Ratio Lower Upper
75 100
77 0.8 89.1 267.4#



#78
n-propylbenzene
Concen: 2.981 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 91 Resp: 70336
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1

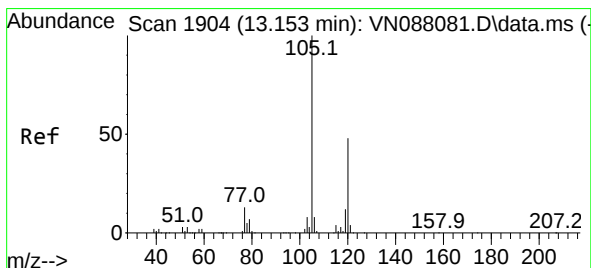
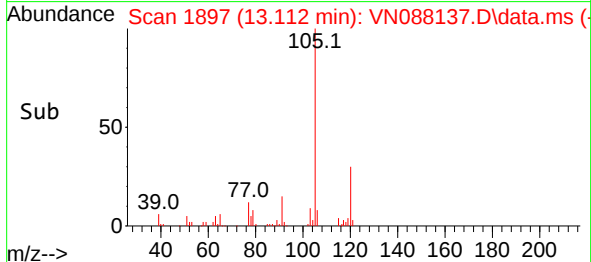
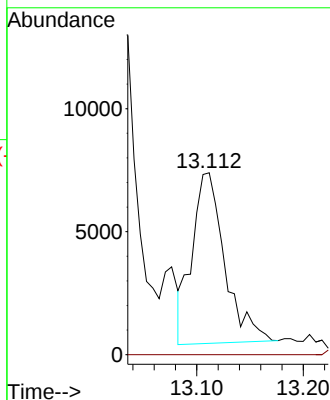
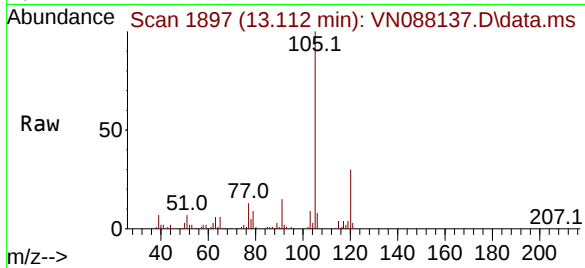




#79
2-Chlorotoluene
Concen: 1.101 ug/l
RT: 13.112 min Scan# 1897
Delta R.T. 0.012 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

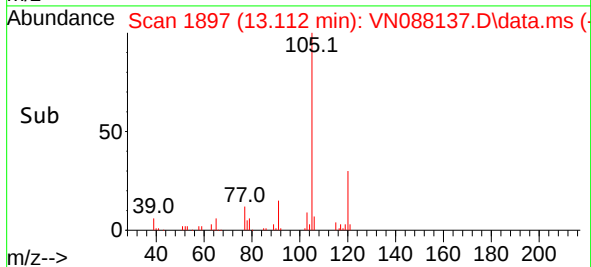
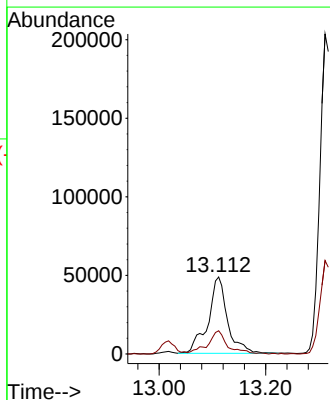
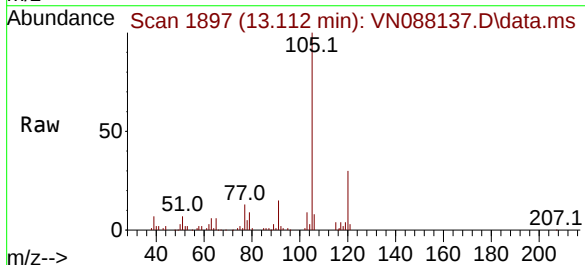
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

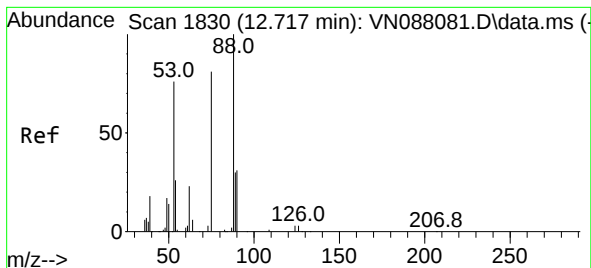
Tgt Ion: 91 Resp: 14816
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 7.623 ug/l
RT: 13.112 min Scan# 1897
Delta R.T. -0.041 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 105 Resp: 122380
Ion Ratio Lower Upper
105 100
120 31.2 23.2 69.6

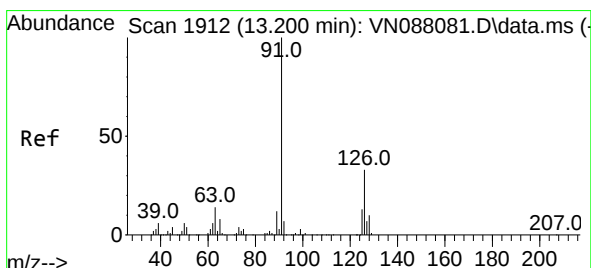
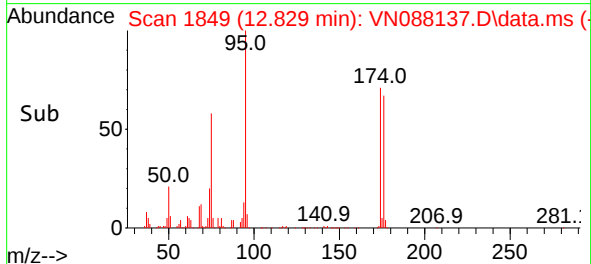
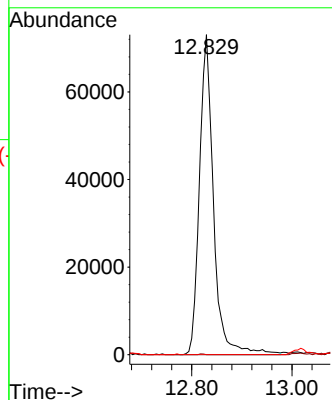
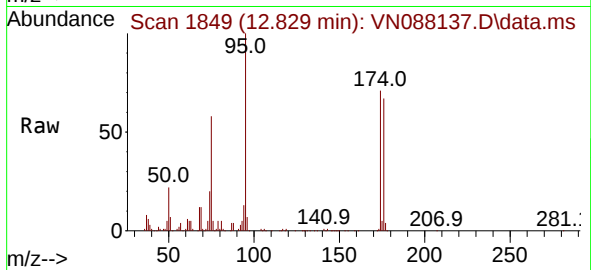




#81
trans-1,4-Dichloro-2-butene
Concen: 69.180 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

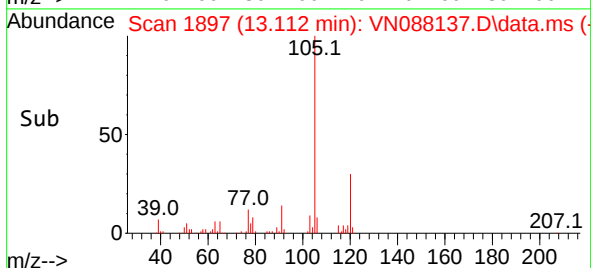
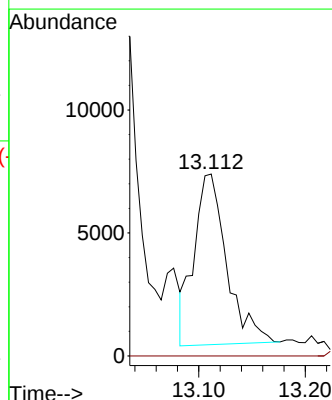
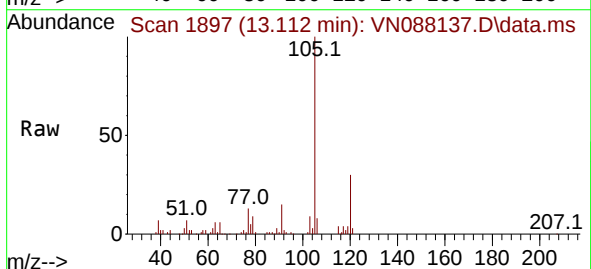
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

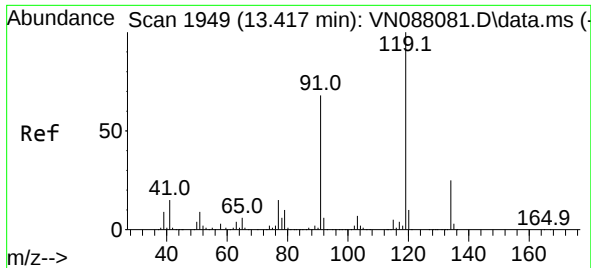
Tgt Ion: 75 Resp: 142115
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 13.112 min Scan# 1897
Delta R.T. -0.088 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 91 Resp: 14816
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

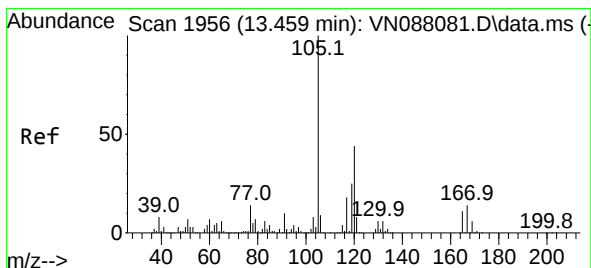
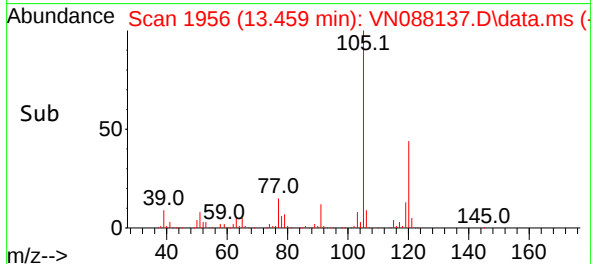
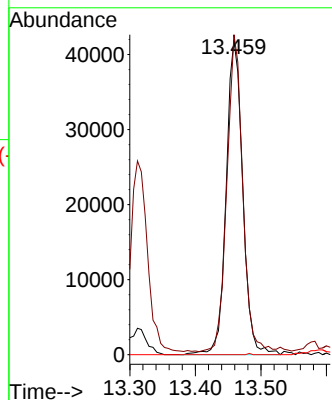
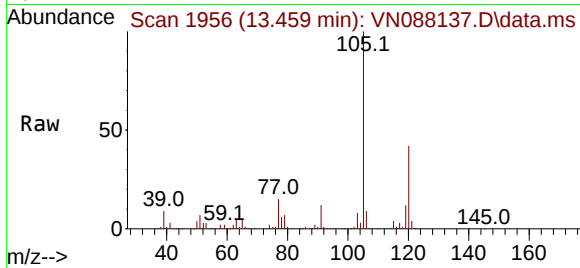




#83
tert-Butylbenzene
Concen: 5.125 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

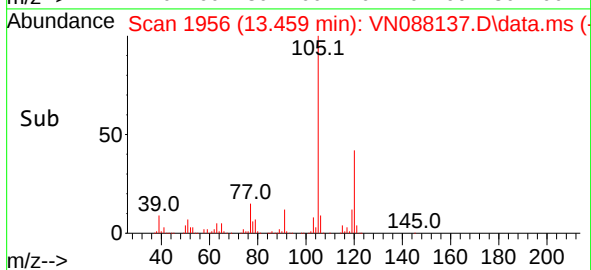
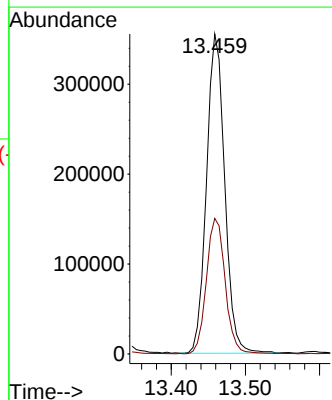
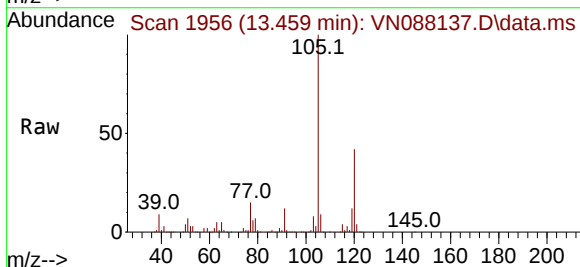
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

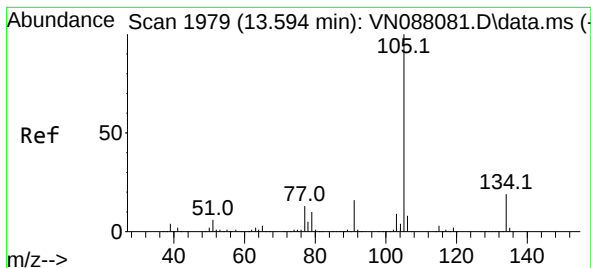
Tgt Ion:119 Resp: 73504
Ion Ratio Lower Upper
119 100
91 95.3 35.0 105.0
134 0.0 12.6 37.8#



#84
1,2,4-Trimethylbenzene
Concen: 37.800 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion:105 Resp: 607187
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 28.813 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.135 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

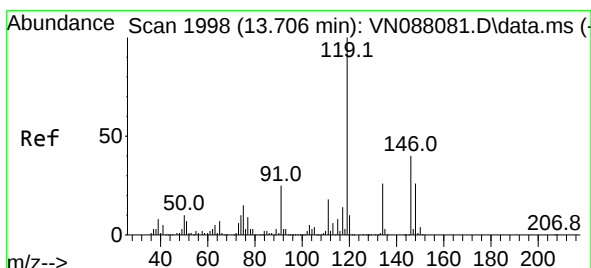
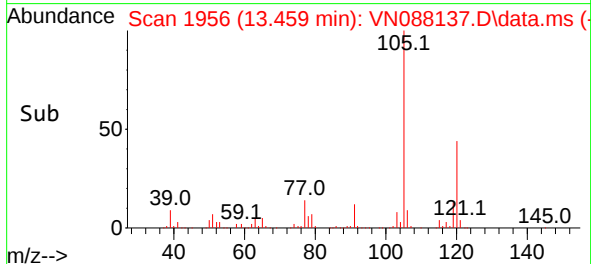
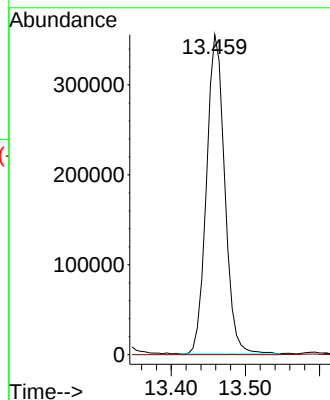
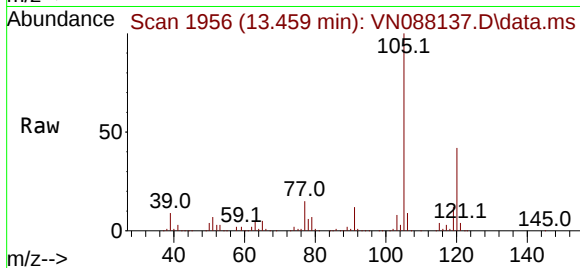
MW-12DL

Tgt Ion:105 Resp: 607126

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



#86

p-Isopropyltoluene

Concen: 0.202 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088137.D

Acq: 28 Oct 2025 14:20

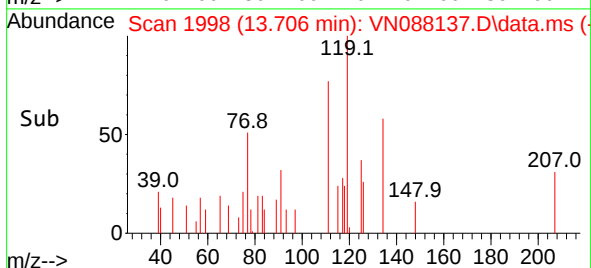
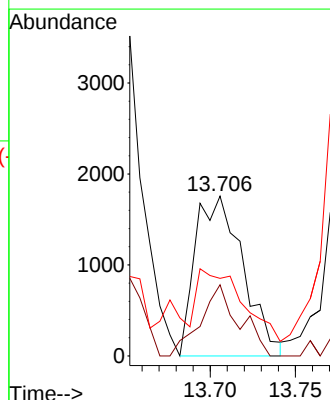
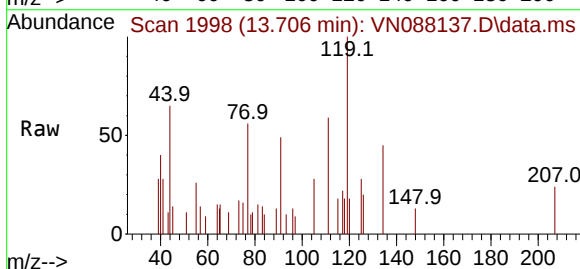
Tgt Ion:119 Resp: 3422

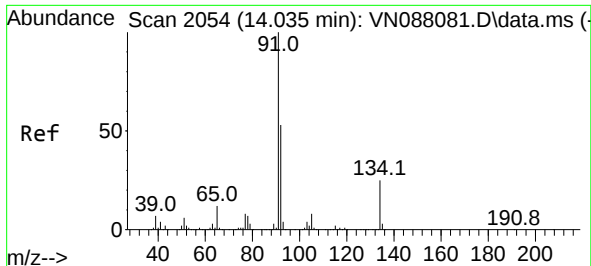
Ion Ratio Lower Upper

119 100

134 35.8 12.7 38.0

91 0.0 12.5 37.5#

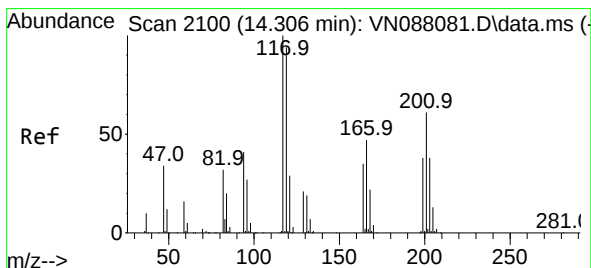
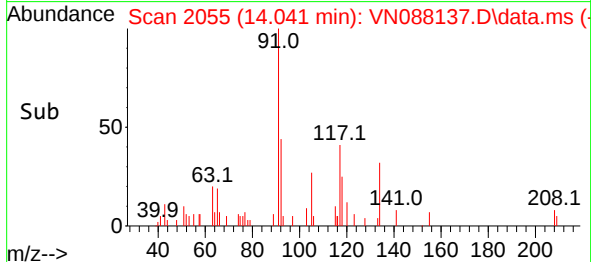
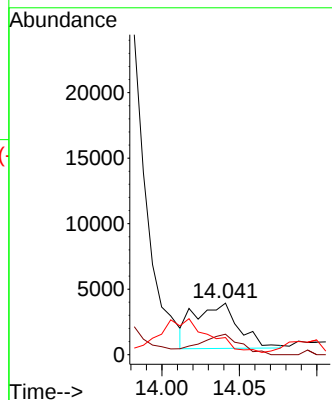
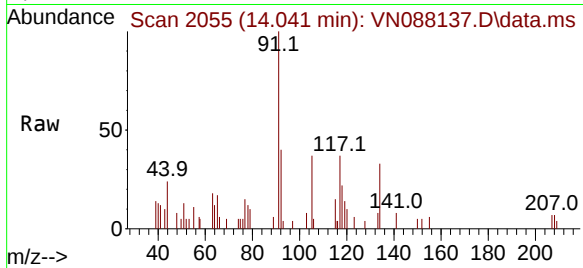




#89
n-Butylbenzene
Concen: 0.411 ug/l
RT: 14.041 min Scan# 2054
Delta R.T. 0.012 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

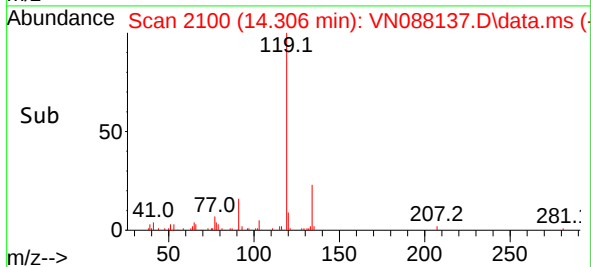
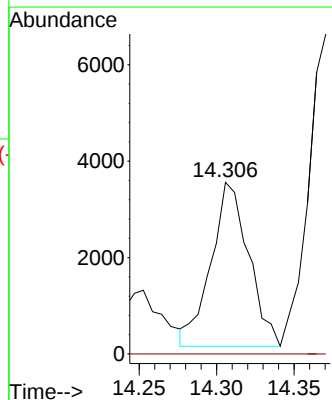
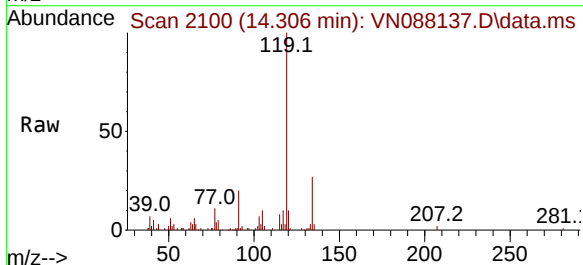
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

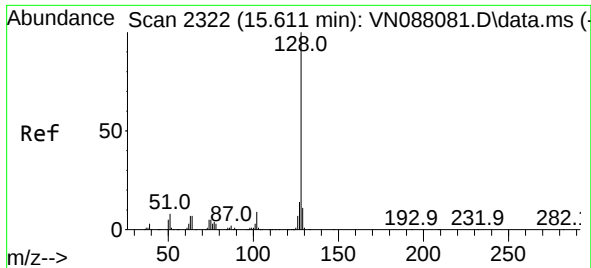
Tgt Ion: 91 Resp: 6885
Ion Ratio Lower Upper
91 100
92 42.4 25.9 77.8
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 1.751 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088137.D
Acq: 28 Oct 2025 14:20

Tgt Ion: 117 Resp: 5732
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#





#95

Naphthalene

Concen: 16.526 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088137.D

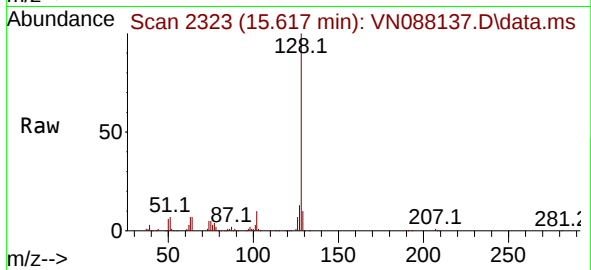
Acq: 28 Oct 2025 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL



Tgt Ion:128 Resp: 275031

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.6 12.8

