

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088140.D
 Acq On : 28 Oct 2025 15:22
 Operator : JC\MD
 Sample : Q3468-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

Quant Time: Oct 29 02:26:31 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	264918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	606658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	578519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	261287	57.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.080%			
35) Dibromofluoromethane	8.147	113	191286	46.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.860%			
50) Toluene-d8	10.547	98	704493	44.861	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.829	95	290199	52.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.660%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.783	142	56	4.227	ug/l #	38
11) Tert butyl alcohol	5.512	59	7761	9.834	ug/l #	71
15) Acrylonitrile	5.794	53	2508	1.167	ug/l #	31
16) Acetone	4.418	43	13340	5.796	ug/l	95
18) Methyl Acetate	5.265	43	23881	5.069	ug/l #	54
19) Methyl tert-butyl Ether	5.789	73	80437	6.578	ug/l #	15
20) Methylene Chloride	5.259	84	755	0.980	ug/l #	50
25) 2-Butanone	7.477	43	6040	1.991	ug/l #	79
31) Cyclohexane	8.241	56	57278	8.932	ug/l	90
36) 1,1-Dichloropropene	8.206	75	26943	4.528	ug/l #	49
37) Ethyl Acetate	7.477	43	6040	0.787	ug/l #	72
38) Carbon Tetrachloride	8.206	117	30230	4.919	ug/l #	13
39) Methylcyclohexane	9.577	83	32273	4.219	ug/l	96
40) Benzene	8.588	78	566174	31.241	ug/l	99
42) 1,2-Dichloroethane	8.653	62	2860	0.444	ug/l	95
43) Isopropyl Acetate	8.682	43	5245	0.444	ug/l #	58
52) Toluene	10.606	92	26800	2.399	ug/l	97
55) 1,1,2-Trichloroethane	10.976	97	3036	0.716	ug/l #	14
59) 2-Hexanone	11.218	43	1257	0.271	ug/l	74
67) Ethyl Benzene	11.941	91	601841	26.101	ug/l	99
68) m/p-Xylenes	12.053	106	691823	80.076	ug/l	99
69) o-Xylene	12.376	106	533803	65.177	ug/l	99
70) Styrene	12.376	104	28285	2.118	ug/l #	1
73) Isopropylbenzene	12.676	105	61991	2.759	ug/l	99
76) 1,2,3-Trichloropropane	12.829	75	166697	25.029	ug/l #	1
78) n-propylbenzene	13.017	91	118405	4.318	ug/l	99
79) 2-Chlorotoluene	13.106	91	62848	4.019	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.153	105	65932	3.533	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.829	75	166697	69.818	ug/l #	1
82) 4-Chlorotoluene	13.147	91	10588	0.626	ug/l #	45
83) tert-Butylbenzene	13.459	119	207761	12.464	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.459	105	1746252	93.536	ug/l	99
85) sec-Butylbenzene	13.459	105	1746252	71.305	ug/l #	58
86) p-Isopropyltoluene	13.712	119	7870	0.401	ug/l #	75
89) n-Butylbenzene	13.970	91	236041	12.129	ug/l #	43
90) Hexachloroethane	14.306	117	21595	5.676	ug/l #	22

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

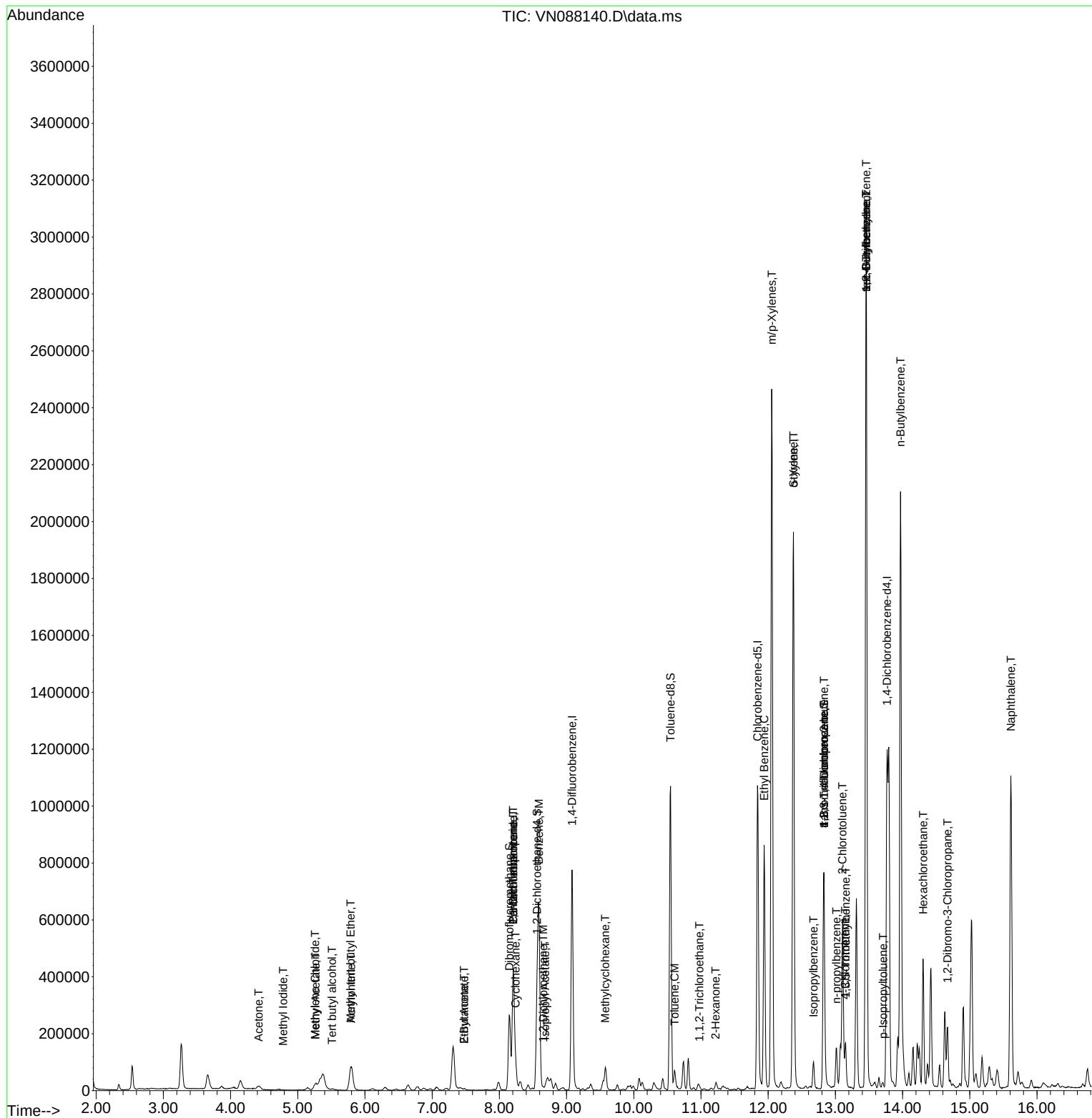
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.670	75	1534	0.942	ug/l #	8
95) Naphthalene	15.611	128	1010761	52.255	ug/l	99

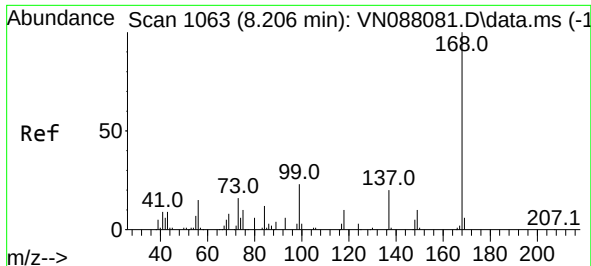
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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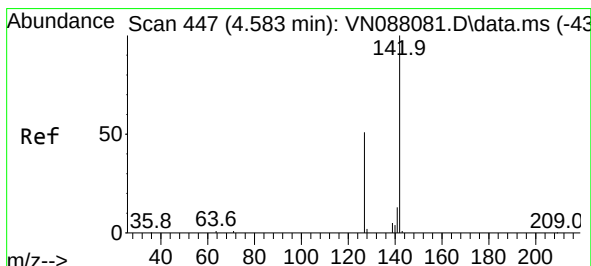
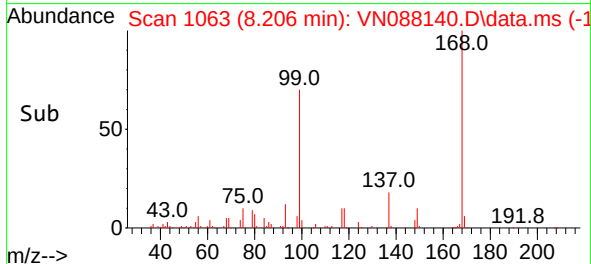
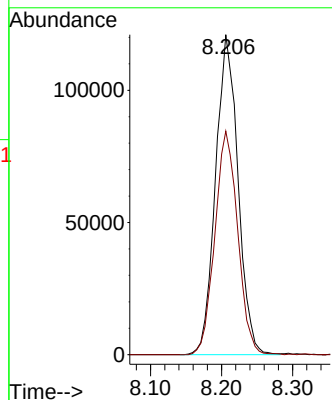
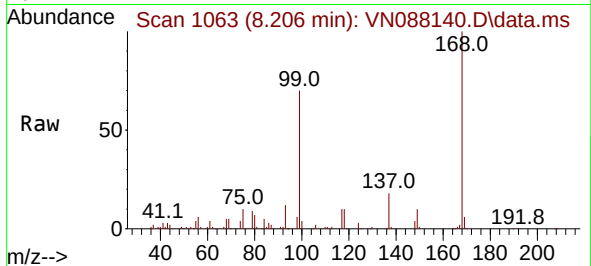




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

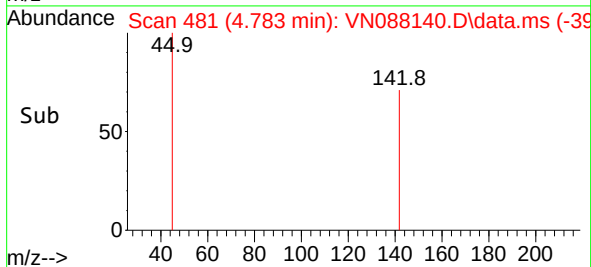
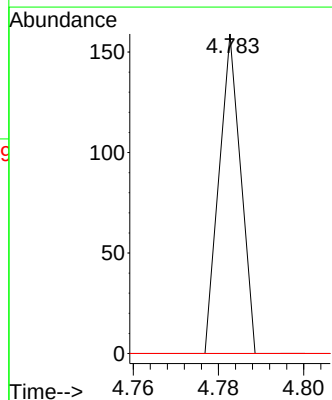
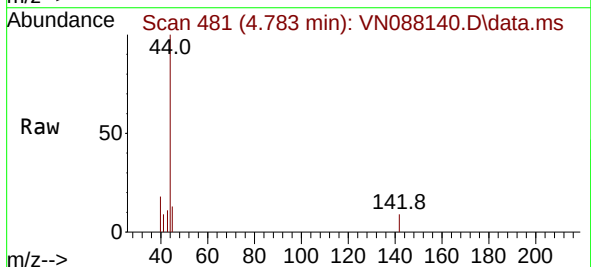
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

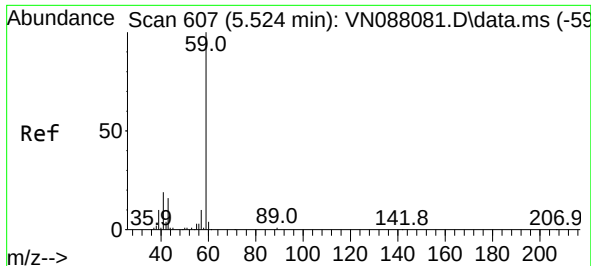
Tgt Ion:168 Resp: 264918
Ion Ratio Lower Upper
168 100
99 69.9 57.2 85.8



#10
Methyl Iodide
Concen: 4.227 ug/l
RT: 4.783 min Scan# 481
Delta R.T. 0.206 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#

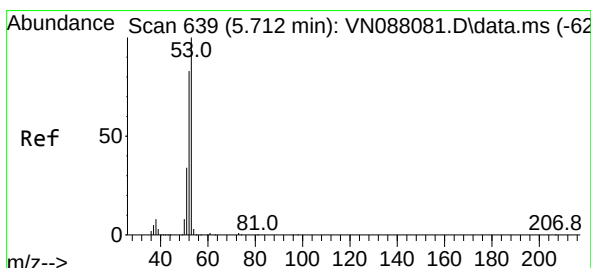
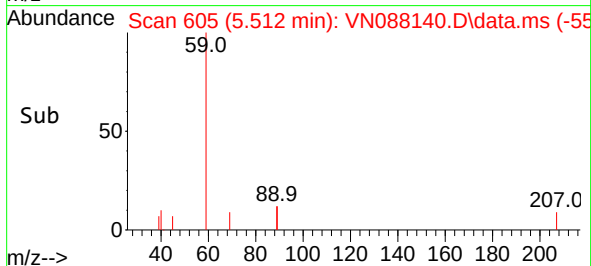
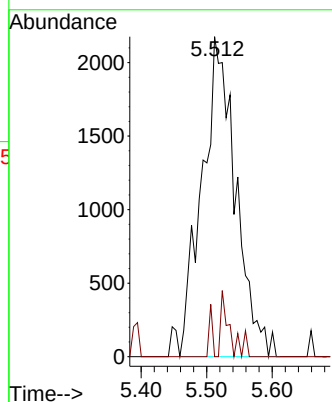
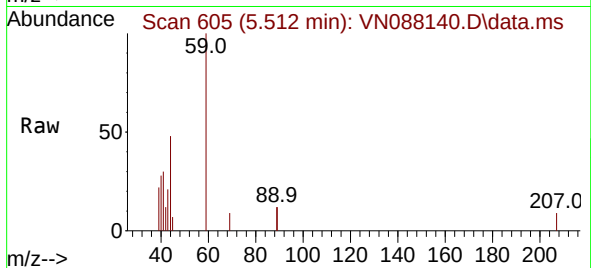




#11
Tert butyl alcohol
Concen: 9.834 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

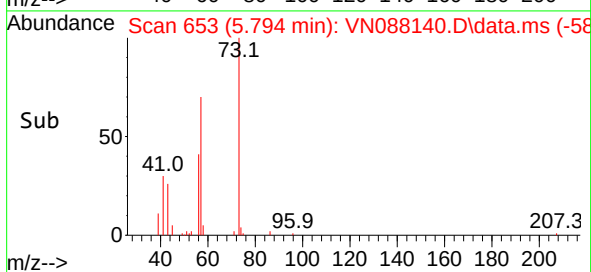
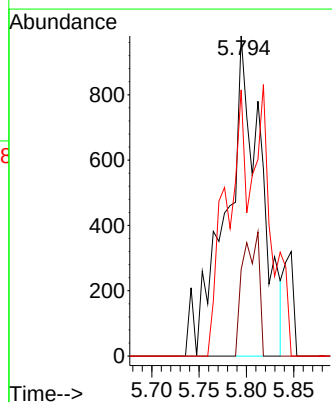
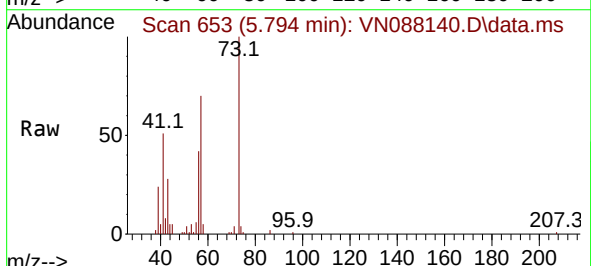
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

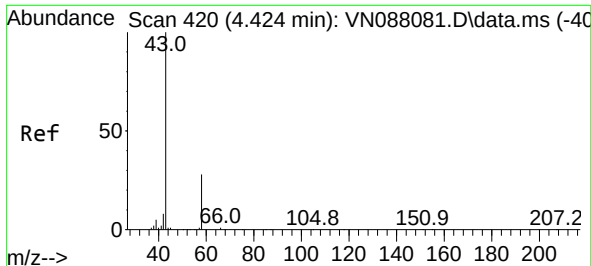
Tgt Ion: 59 Resp: 7761
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#15
Acrylonitrile
Concen: 1.167 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.088 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 53 Resp: 2508
Ion Ratio Lower Upper
53 100
52 0.0 67.6 101.4#
51 47.0 30.1 45.1#

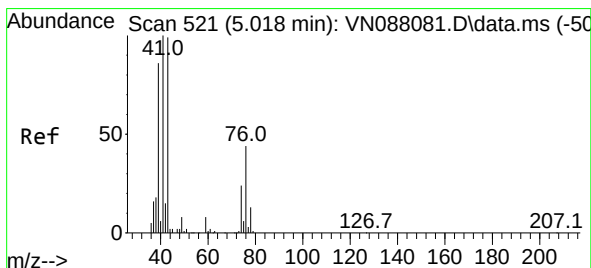
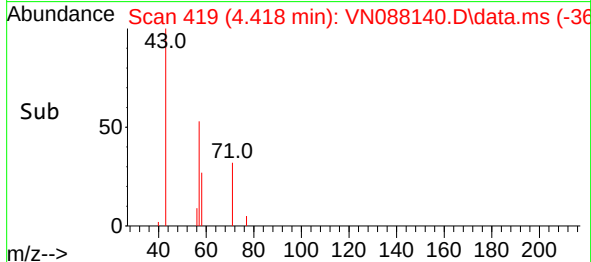
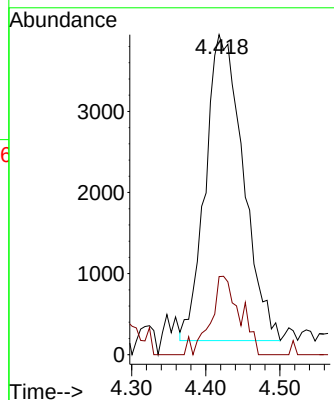
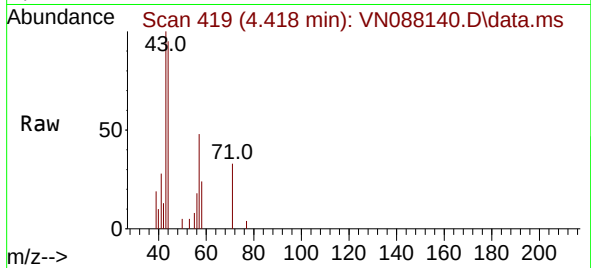




#16
Acetone
Concen: 5.796 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

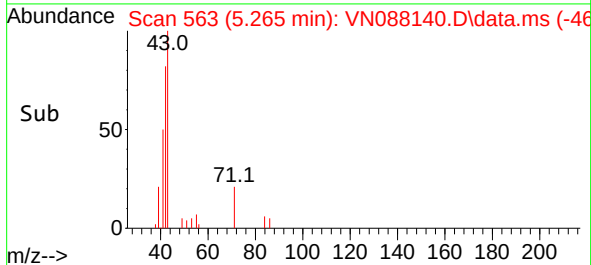
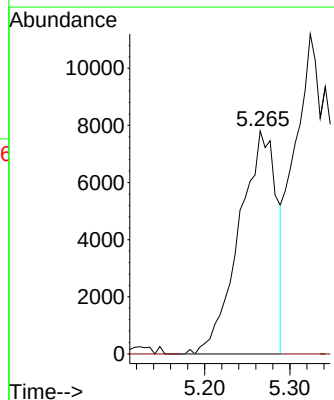
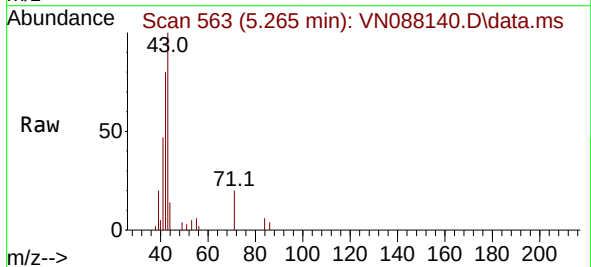
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

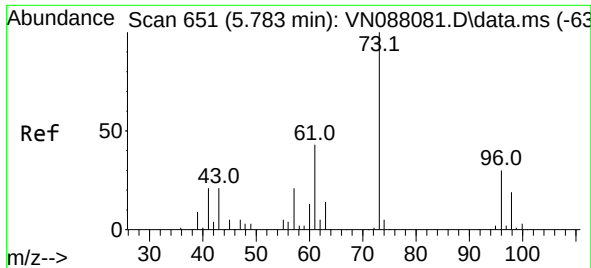
Tgt Ion: 43 Resp: 13340
Ion Ratio Lower Upper
43 100
58 25.6 22.6 33.8



#18
Methyl Acetate
Concen: 5.069 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.253 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 43 Resp: 23881
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#

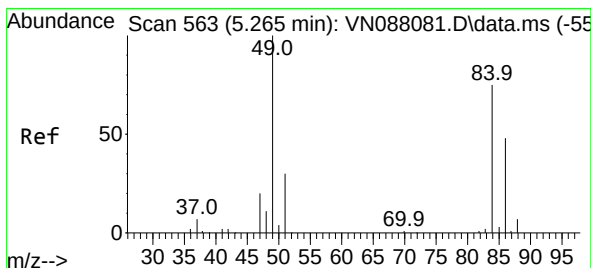
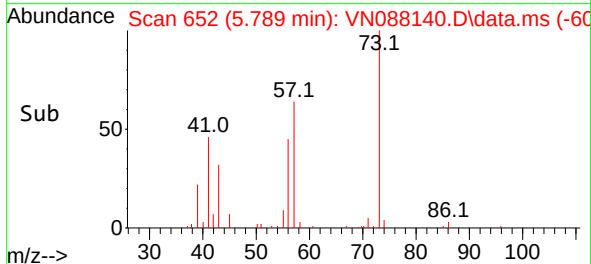
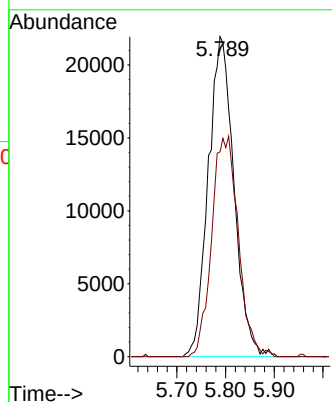
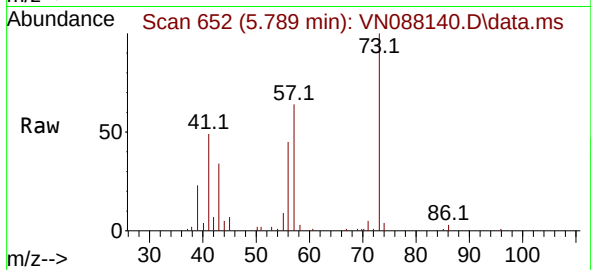




#19
Methyl tert-butyl Ether
Concen: 6.578 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

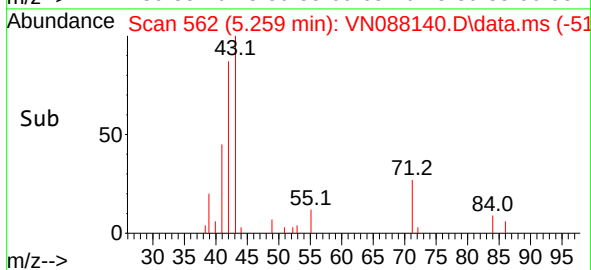
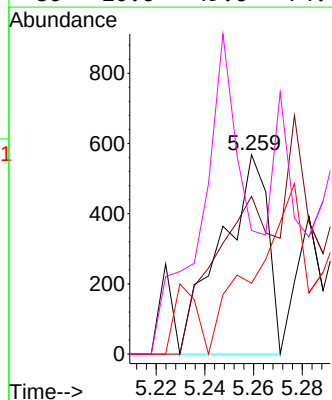
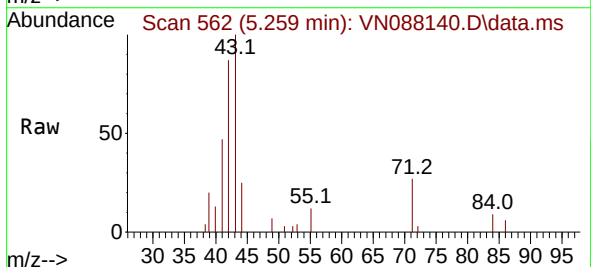
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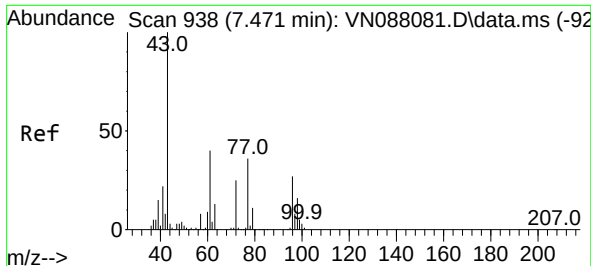
Tgt Ion: 73 Resp: 80437
Ion Ratio Lower Upper
73 100
57 64.0 18.4 27.6#



#20
Methylene Chloride
Concen: 0.980 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 79.2 103.4 155.2#
51 0.4 33.8 50.8#
86 20.6 49.6 74.4#

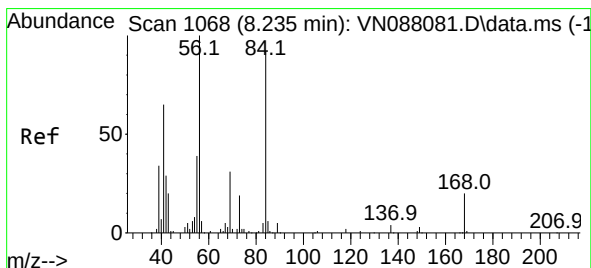
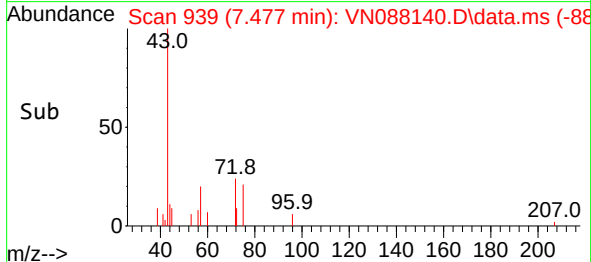
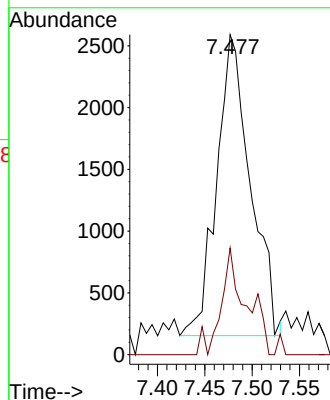
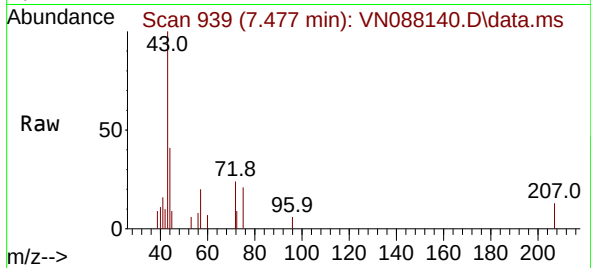




#25
2-Butanone
Concen: 1.991 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

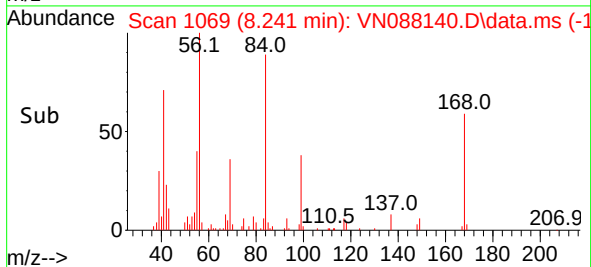
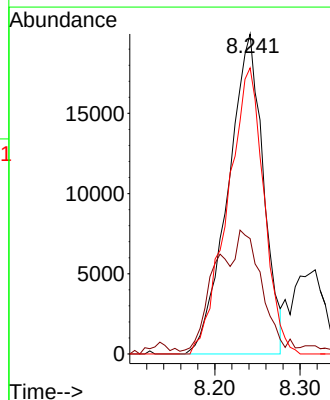
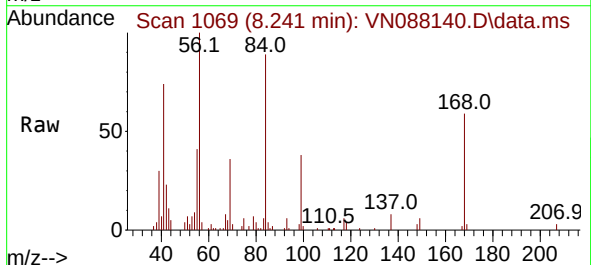
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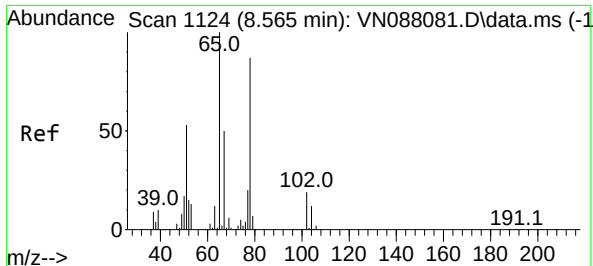
Tgt Ion: 43 Resp: 6040
Ion Ratio Lower Upper
43 100
72 35.4 19.9 29.9#



#31
Cyclohexane
Concen: 8.932 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 56 Resp: 57278
Ion Ratio Lower Upper
56 100
69 35.2 23.7 35.5
84 89.4 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 57.037 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

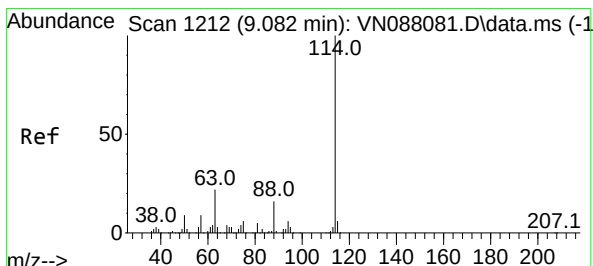
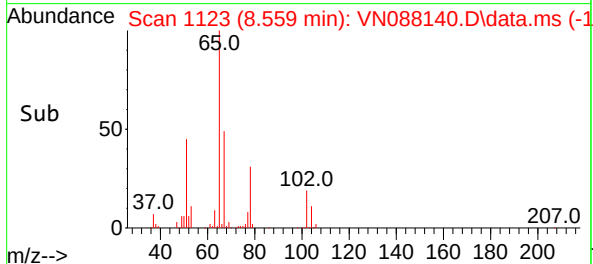
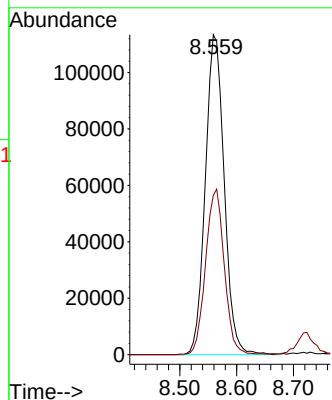
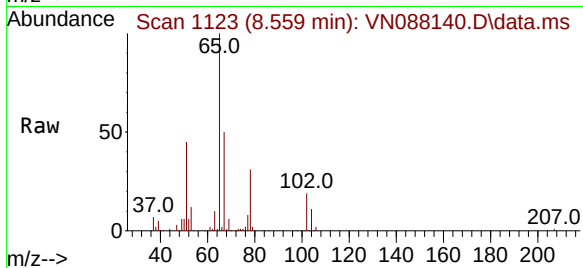
MW-08DL

Tgt Ion: 65 Resp: 261287

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

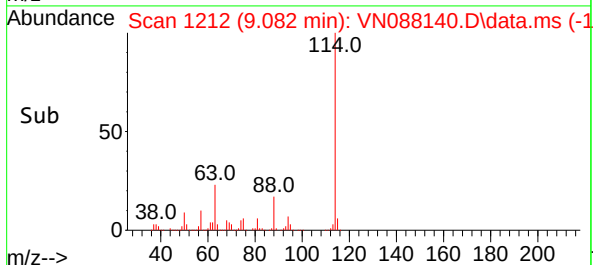
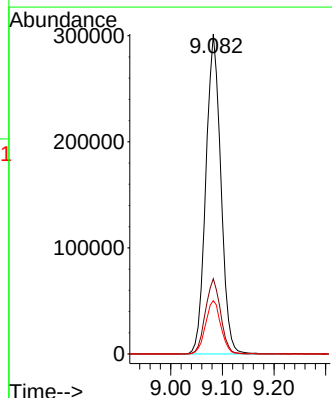
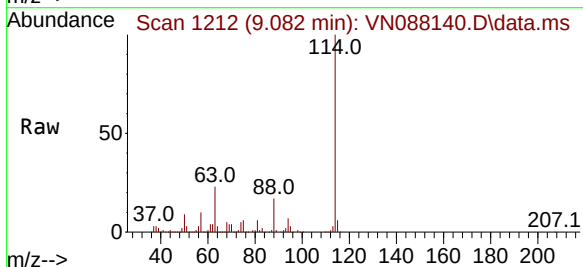
Tgt Ion: 114 Resp: 606658

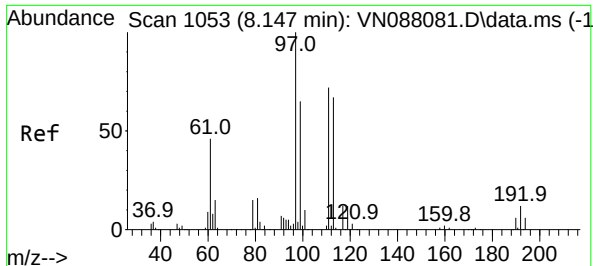
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 16.6 0.0 33.4

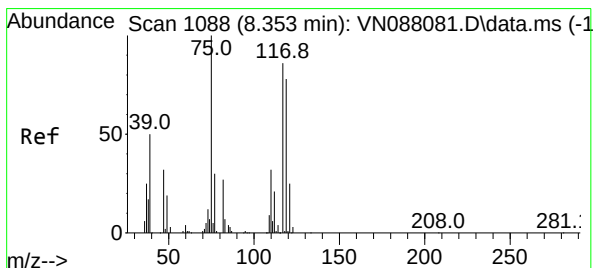
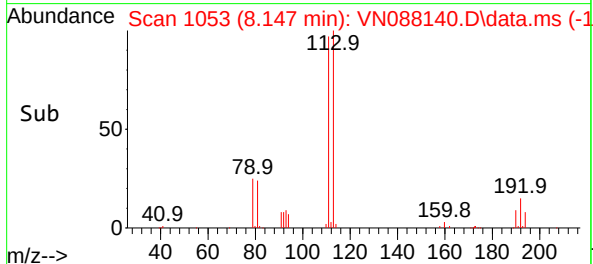
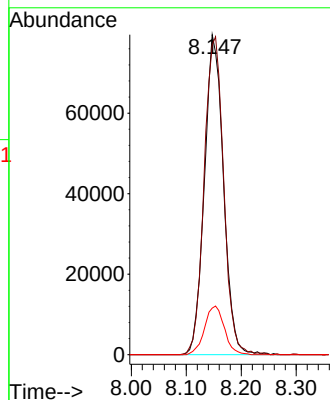
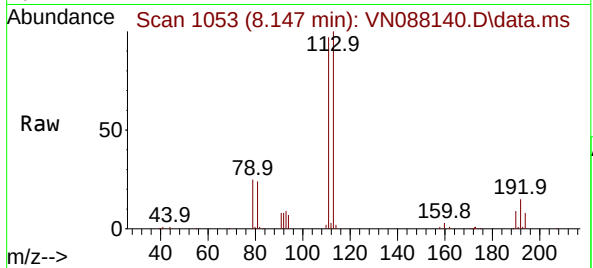




#35
Dibromofluoromethane
Concen: 46.935 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

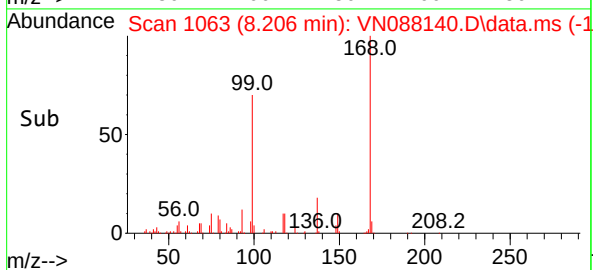
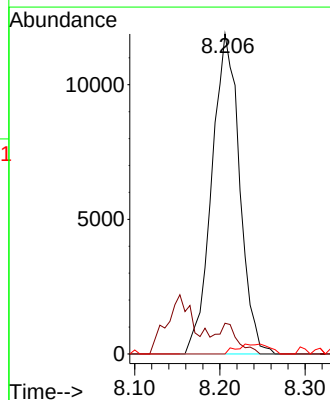
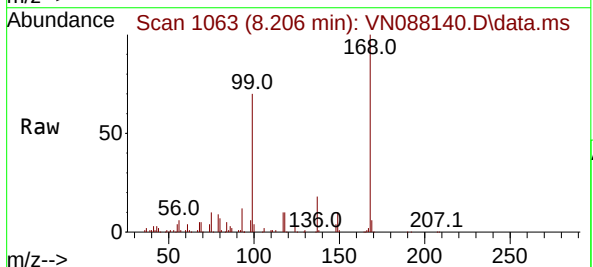
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

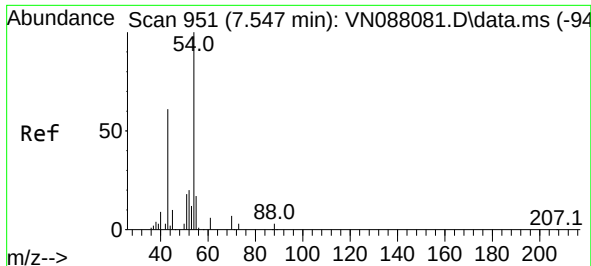
Tgt Ion:113 Resp: 191286
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 15.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 75 Resp: 26943
Ion Ratio Lower Upper
75 100
110 6.0 15.9 47.6#
77 0.0 24.4 36.6#

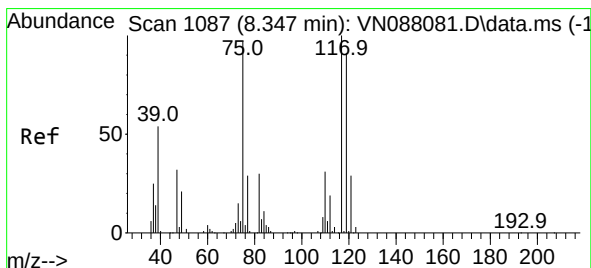
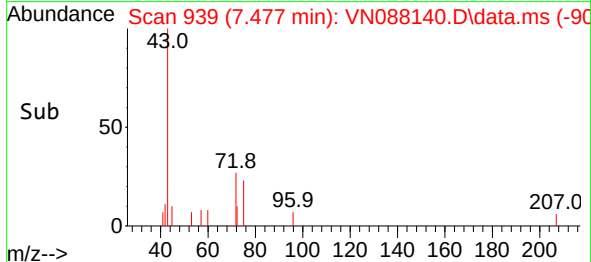
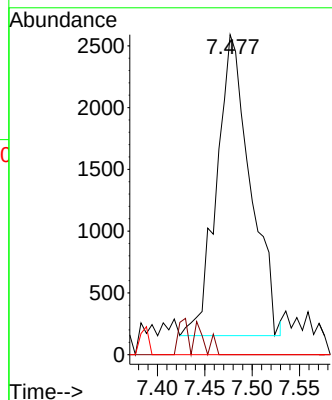
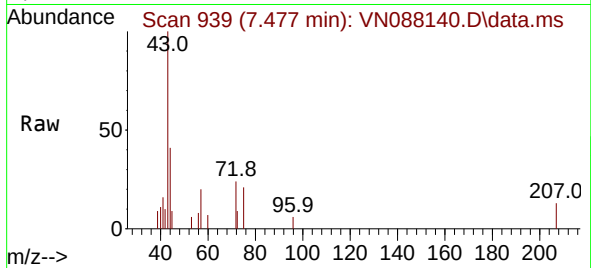




#37
Ethyl Acetate
Concen: 0.787 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

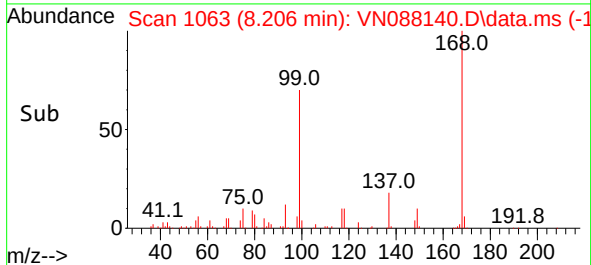
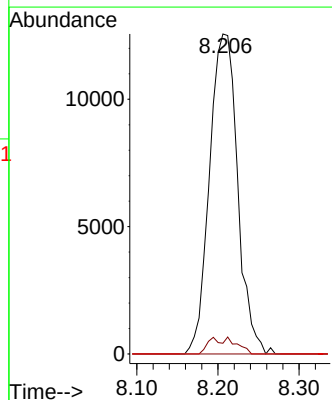
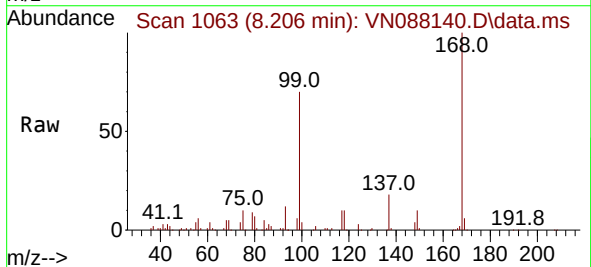
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

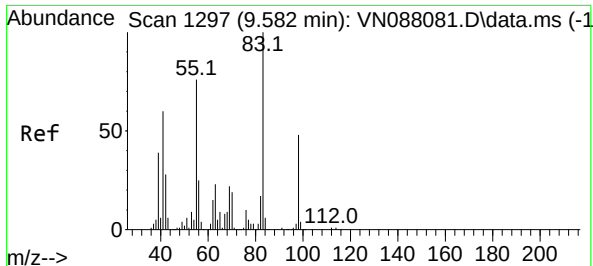
Tgt Ion: 43 Resp: 6040
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.919 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 117 Resp: 30230
Ion Ratio Lower Upper
117 100
119 3.4 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 4.219 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

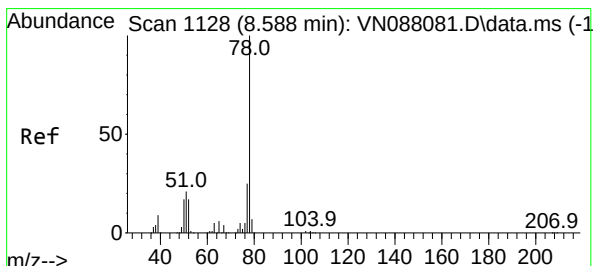
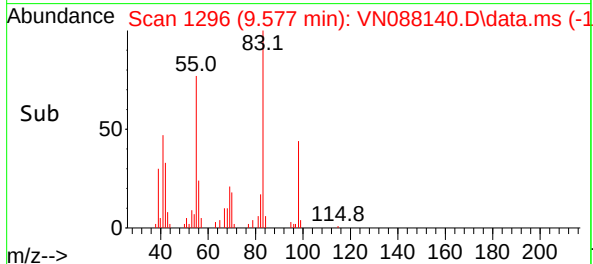
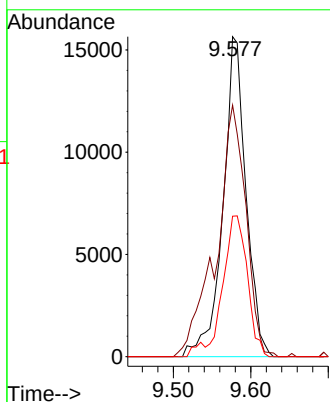
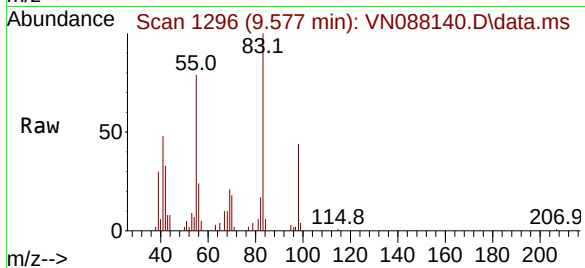
Tgt Ion: 83 Resp: 32273

Ion Ratio Lower Upper

83 100

55 78.6 64.6 96.8

98 43.9 38.4 57.6



#40

Benzene

Concen: 31.241 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088140.D

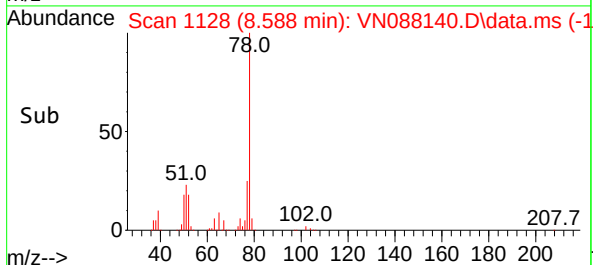
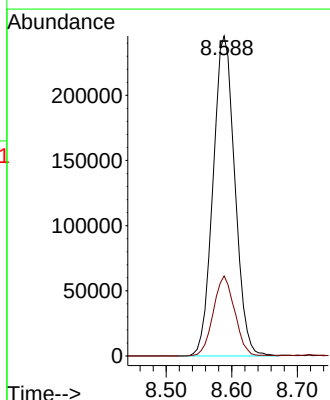
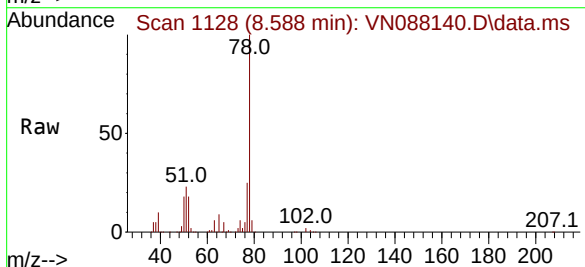
Acq: 28 Oct 2025 15:22

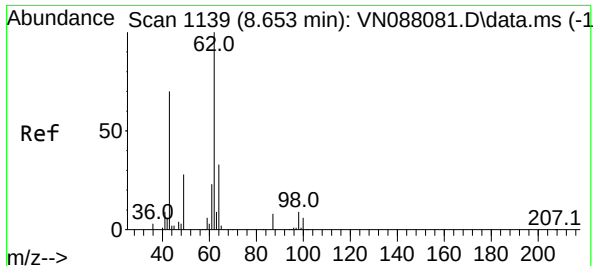
Tgt Ion: 78 Resp: 566174

Ion Ratio Lower Upper

78 100

77 25.0 19.7 29.5





#42

1,2-Dichloroethane

Concen: 0.444 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.000 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

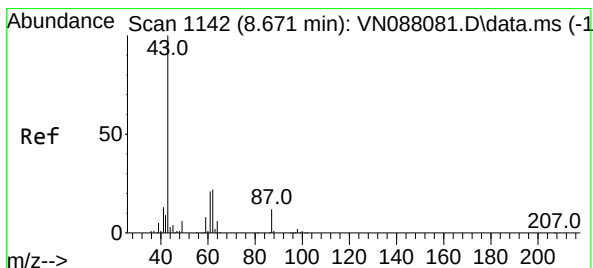
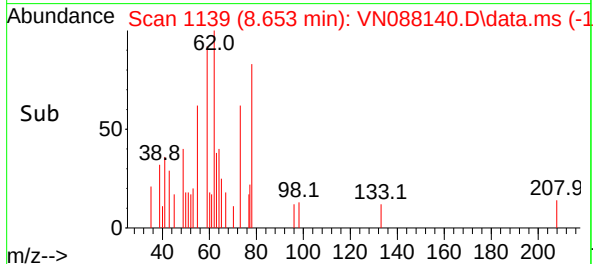
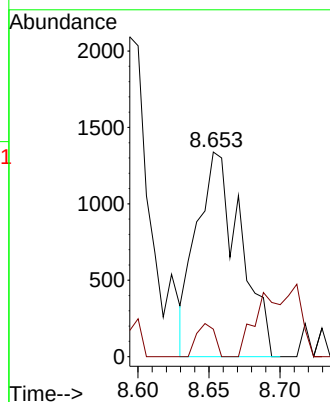
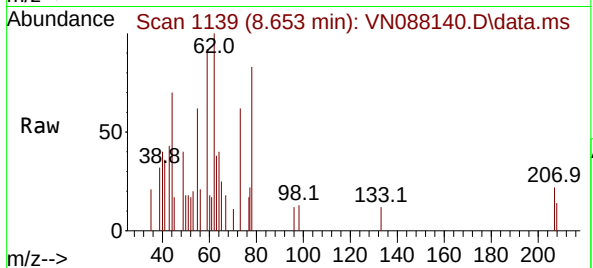
MW-08DL

Tgt Ion: 62 Resp: 2860

Ion Ratio Lower Upper

62 100

98 6.8 0.0 17.4



#43

Isopropyl Acetate

Concen: 0.444 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

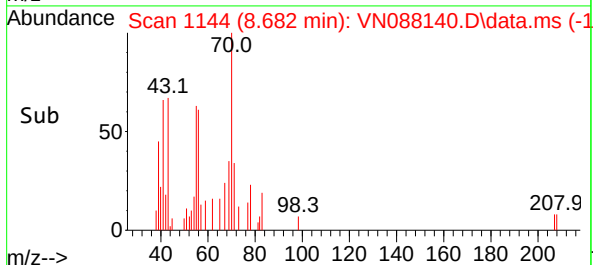
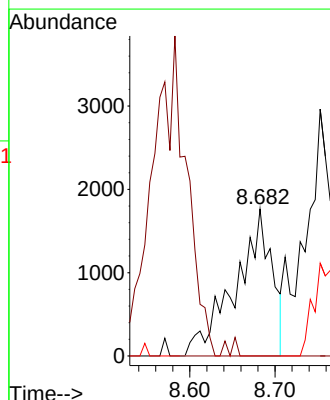
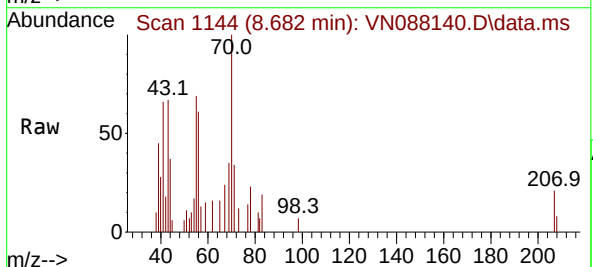
Tgt Ion: 43 Resp: 5245

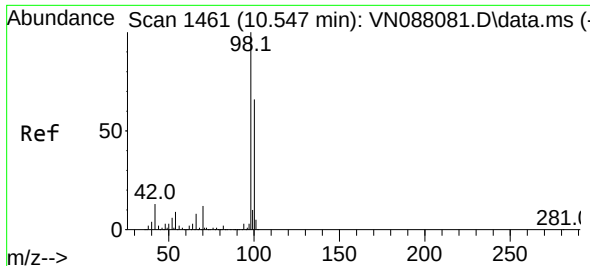
Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 0.0 9.6 14.4#

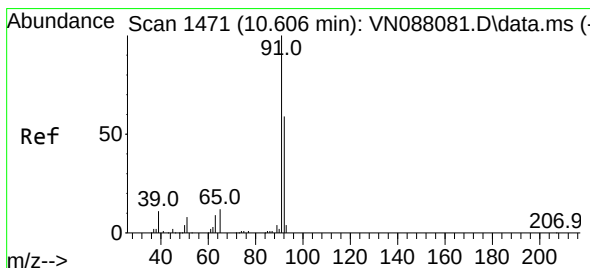
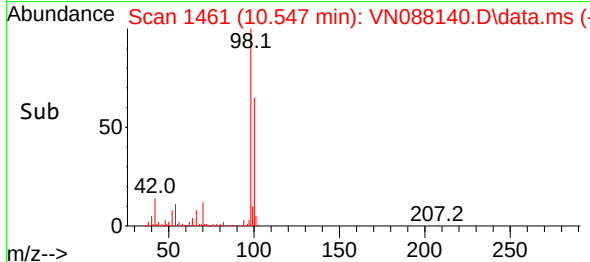
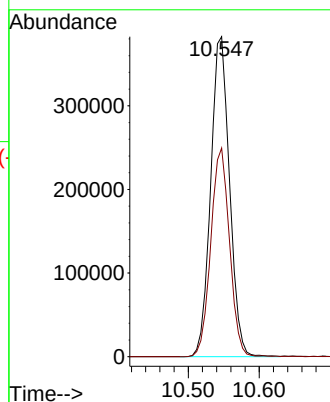
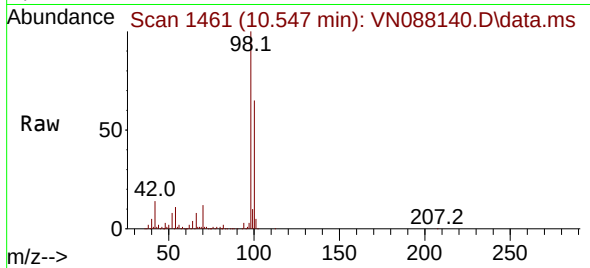




#50
Toluene-d8
Concen: 44.861 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

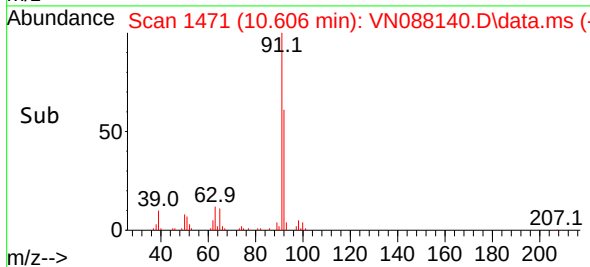
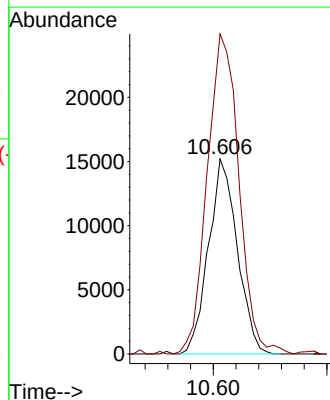
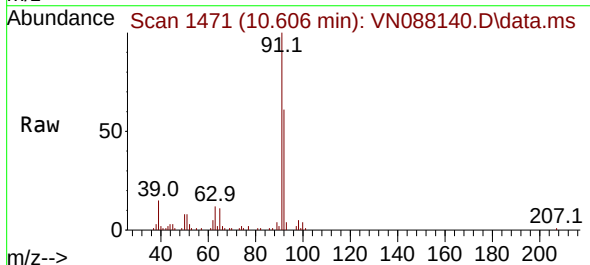
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

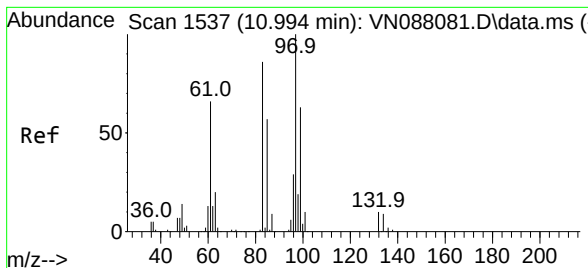
Tgt Ion: 98 Resp: 704493
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#52
Toluene
Concen: 2.399 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 92 Resp: 26800
Ion Ratio Lower Upper
92 100
91 180.0 140.4 210.6

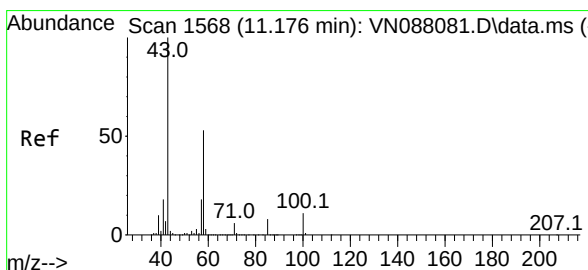
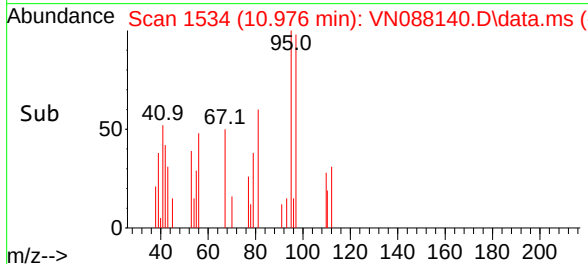
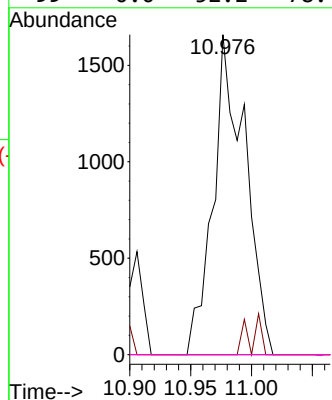
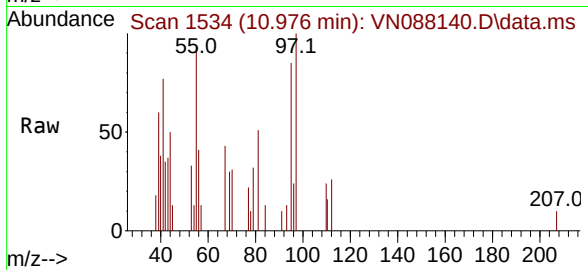




#55
1,1,2-Trichloroethane
Concen: 0.716 ug/l
RT: 10.976 min Scan# 1534
Delta R.T. -0.018 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

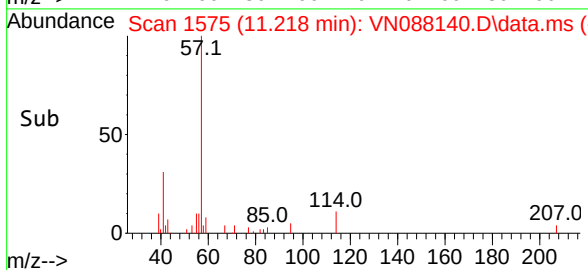
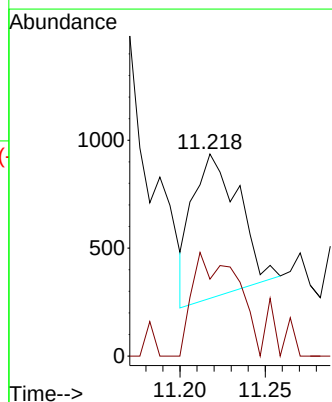
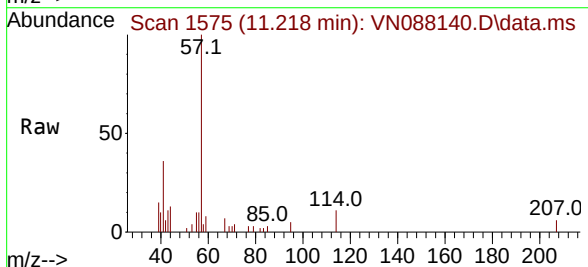
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

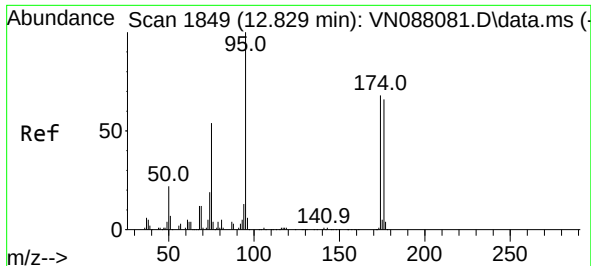
Tgt Ion:	97	Resp:	3036
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.2	102.4#
85	0.0	45.5	68.3#
99	0.0	52.2	78.4#



#59
2-Hexanone
Concen: 0.271 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.041 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion:	43	Resp:	1257
Ion	Ratio	Lower	Upper
43	100		
58	69.8	25.9	77.8





#62

4-Bromofluorobenzene

Concen: 52.326 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

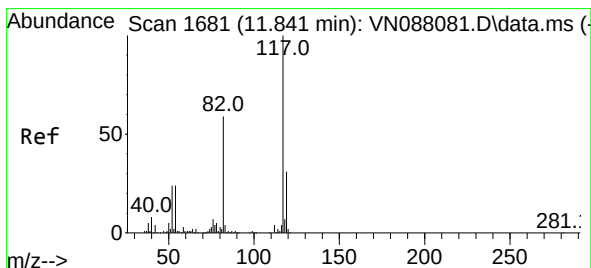
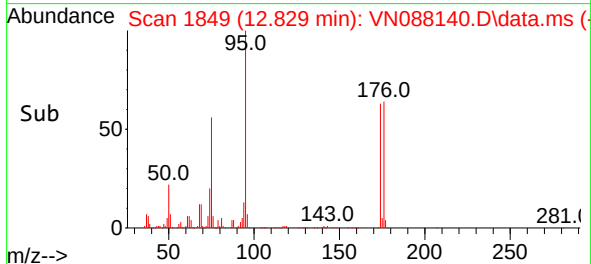
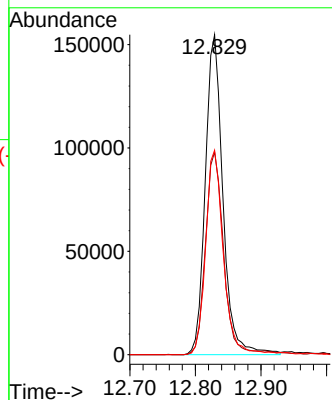
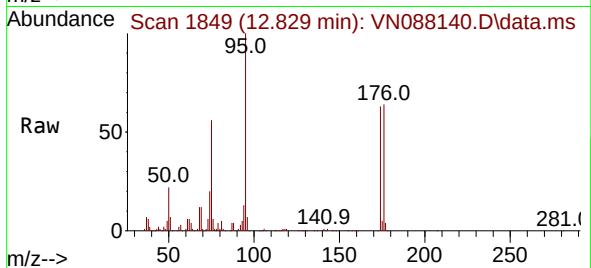
Tgt Ion: 95 Resp: 290199

Ion Ratio Lower Upper

95 100

174 65.6 0.0 138.4

176 64.1 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: VN088140.D

Acq: 28 Oct 2025 15:22

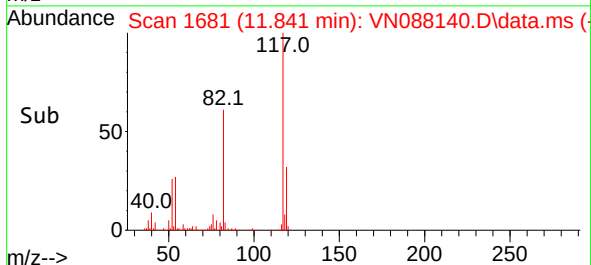
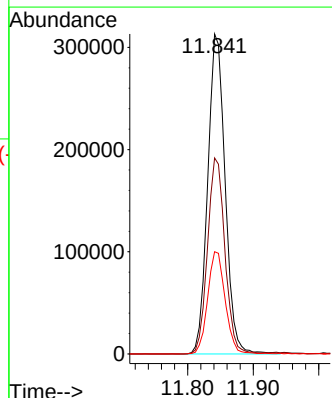
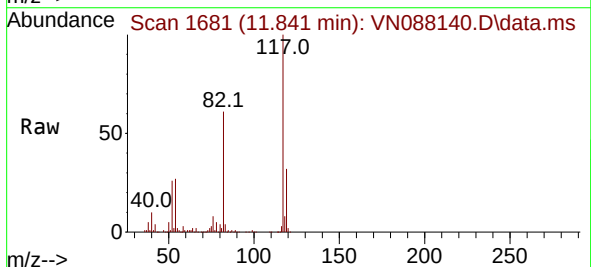
Tgt Ion: 117 Resp: 578519

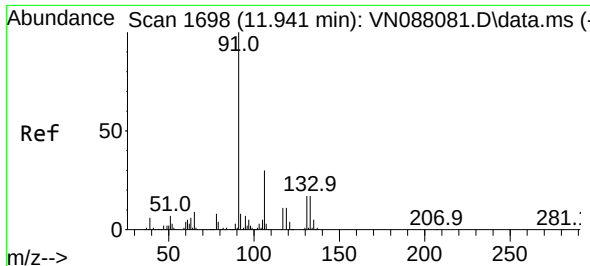
Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.2

119 32.0 24.3 36.5

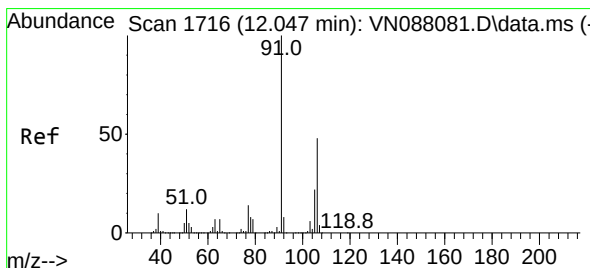
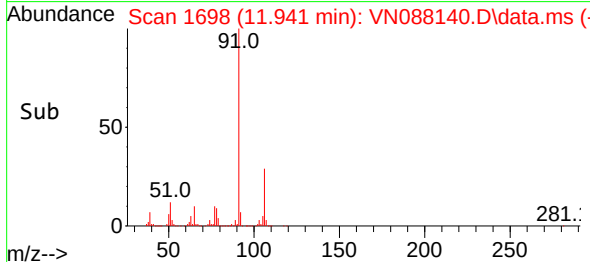
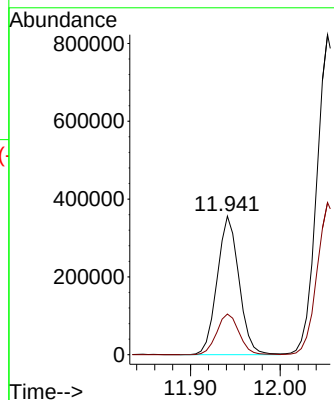
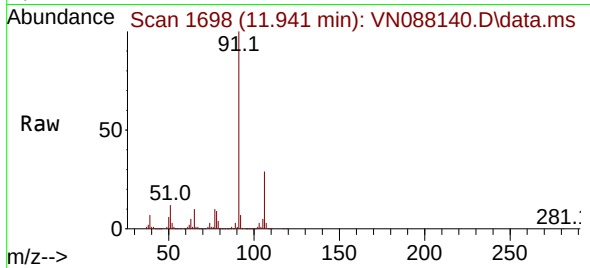




#67
Ethyl Benzene
Concen: 26.101 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

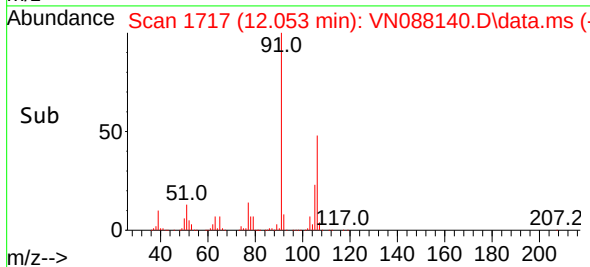
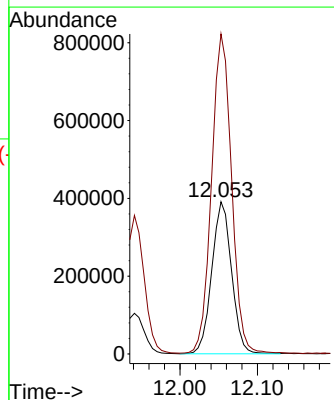
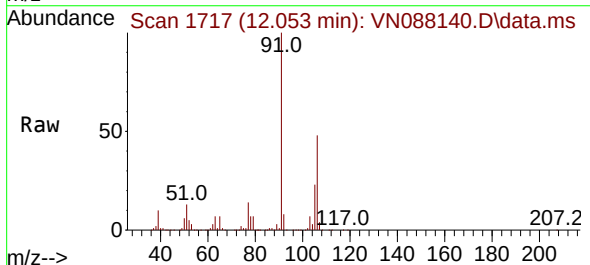
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

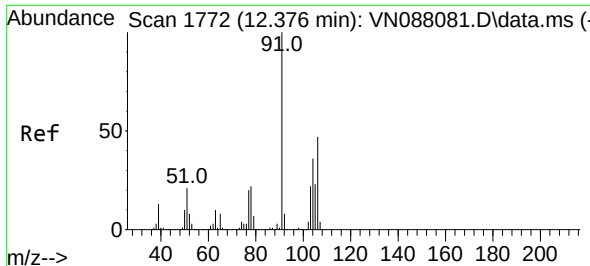
Tgt Ion: 91 Resp: 601841
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 80.076 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion:106 Resp: 691823
Ion Ratio Lower Upper
106 100
91 213.7 169.3 253.9

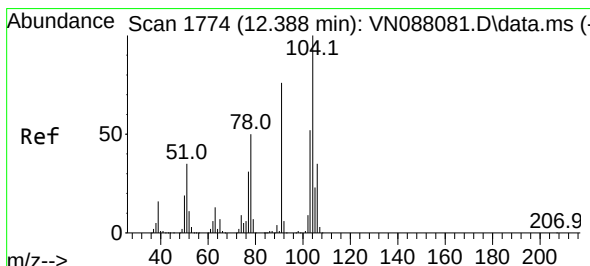
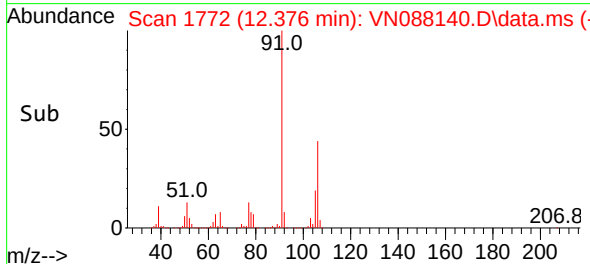
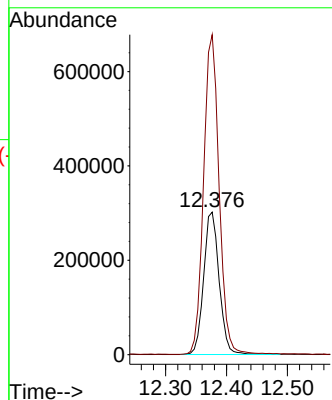
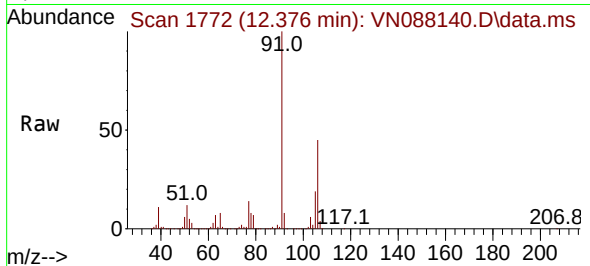




#69
o-Xylene
Concen: 65.177 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

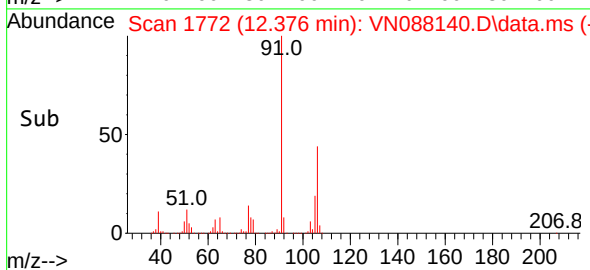
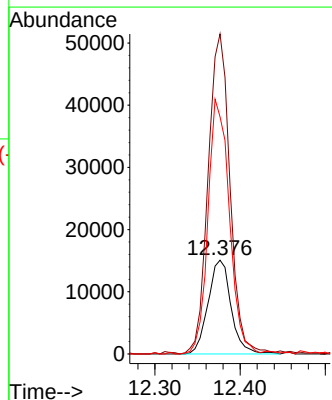
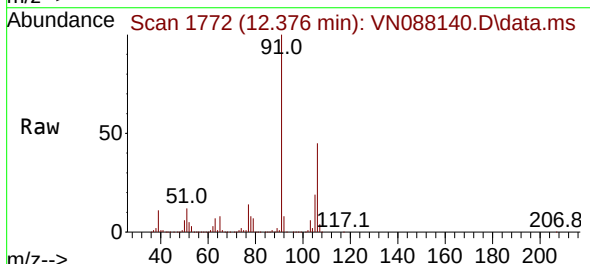
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

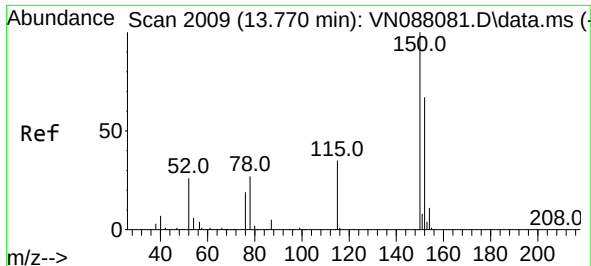
Tgt Ion:106 Resp: 533803
Ion Ratio Lower Upper
106 100
91 224.7 111.4 334.2



#70
Styrene
Concen: 2.118 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion:104 Resp: 28285
Ion Ratio Lower Upper
104 100
78 323.9 42.2 63.2#
103 252.6 43.4 65.2#

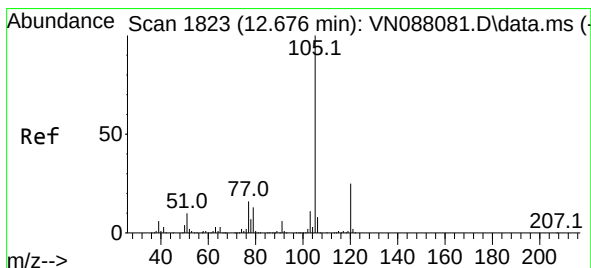
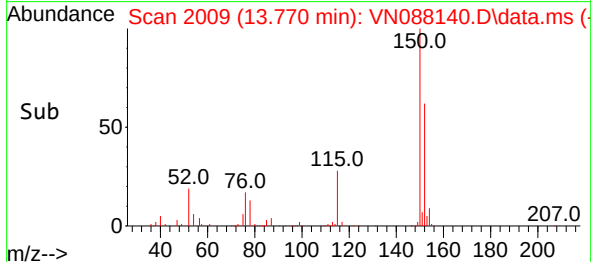
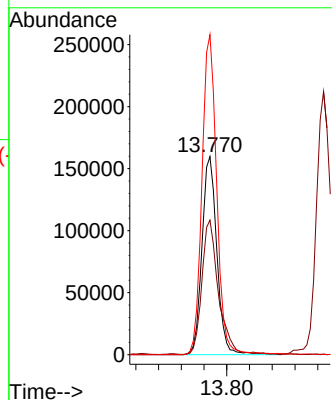
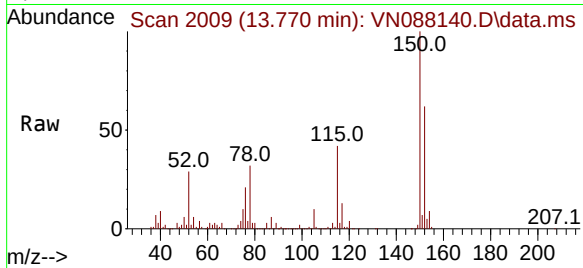




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

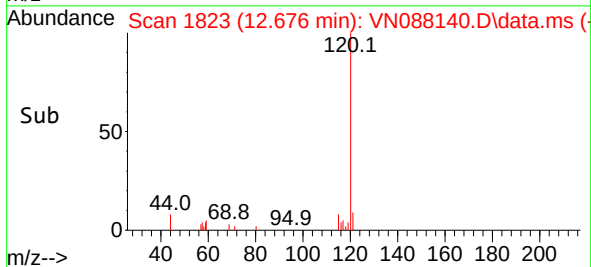
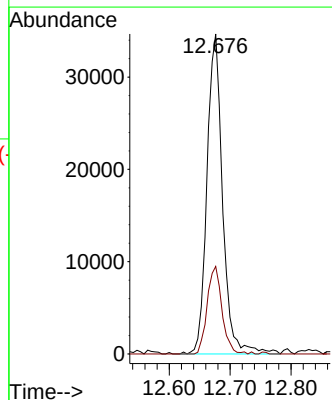
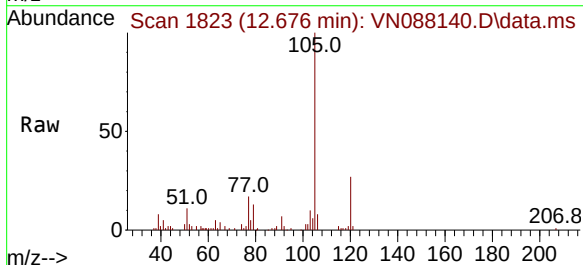
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

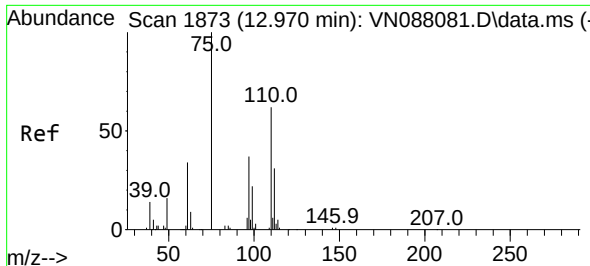
Tgt Ion:152 Resp: 291309
Ion Ratio Lower Upper
152 100
115 74.1 32.3 96.8
150 159.2 0.0 351.0



#73
Isopropylbenzene
Concen: 2.759 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion:105 Resp: 61991
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

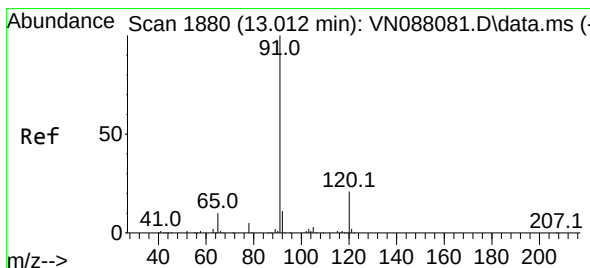
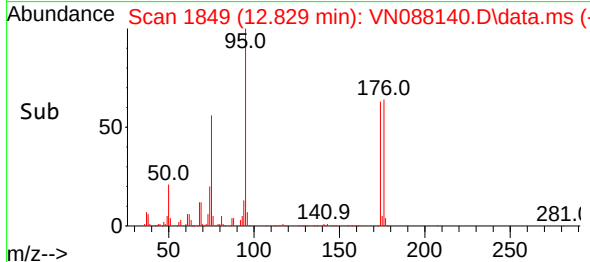
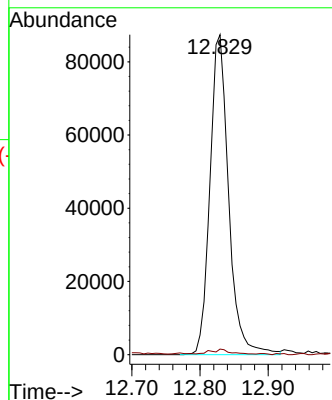
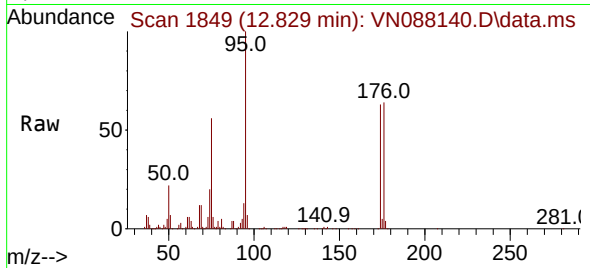




#76
1,2,3-Trichloropropane
Concen: 25.029 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

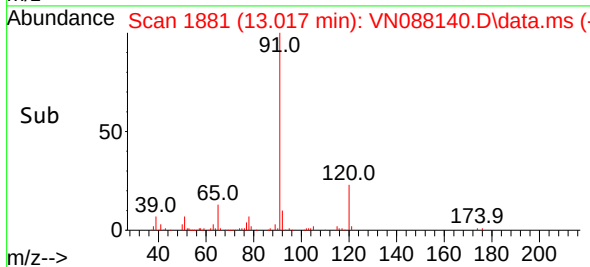
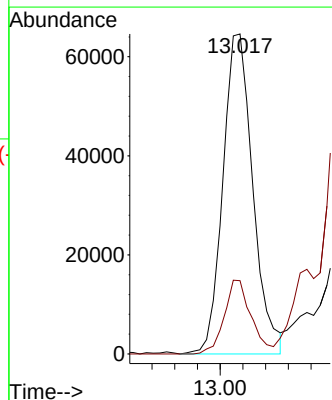
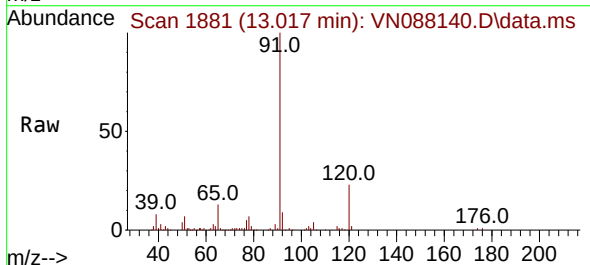
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

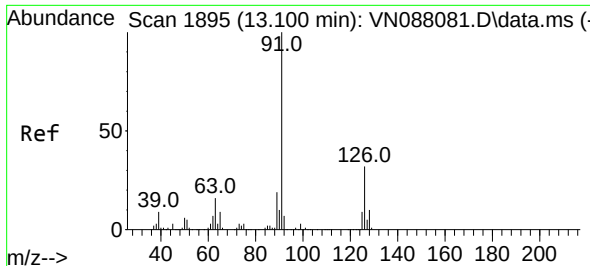
Tgt Ion: 75 Resp: 166697
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#



#78
n-propylbenzene
Concen: 4.318 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.005 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 91 Resp: 118405
Ion Ratio Lower Upper
91 100
120 20.8 10.7 32.1

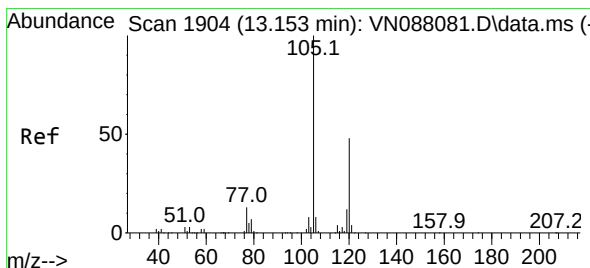
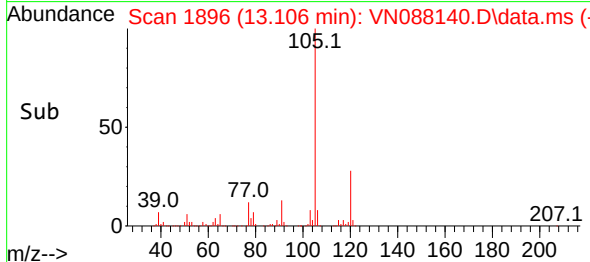
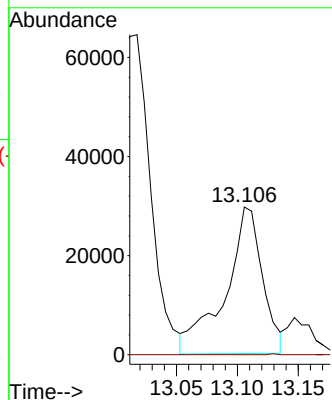
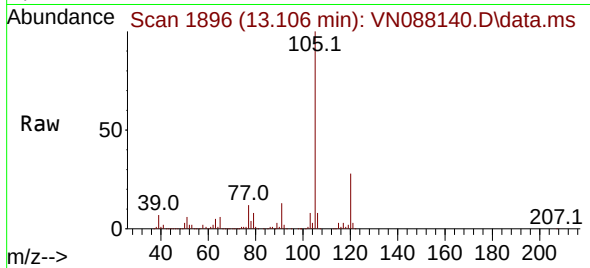




#79
2-Chlorotoluene
Concen: 4.019 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

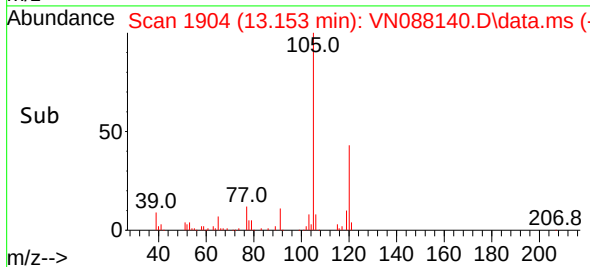
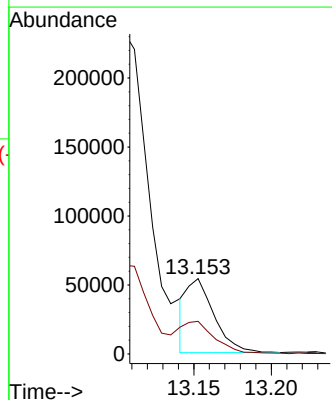
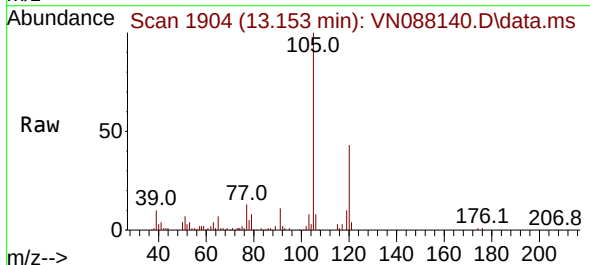
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

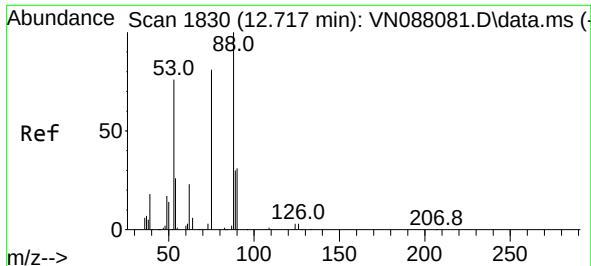
Tgt Ion: 91 Resp: 62848
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 3.533 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 105 Resp: 65932
Ion Ratio Lower Upper
105 100
120 56.3 23.2 69.6

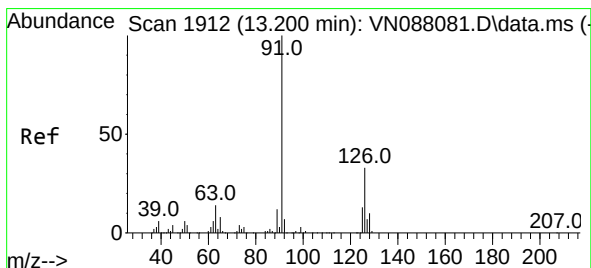
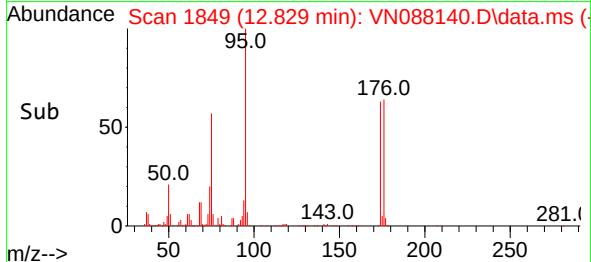
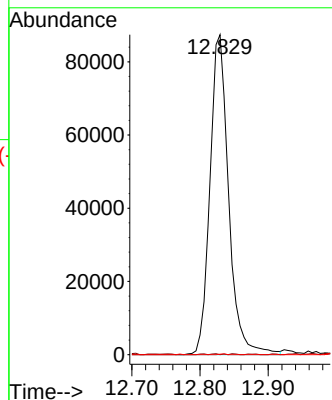
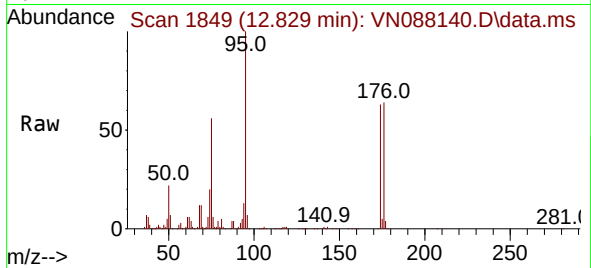




#81
trans-1,4-Dichloro-2-butene
Concen: 69.818 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

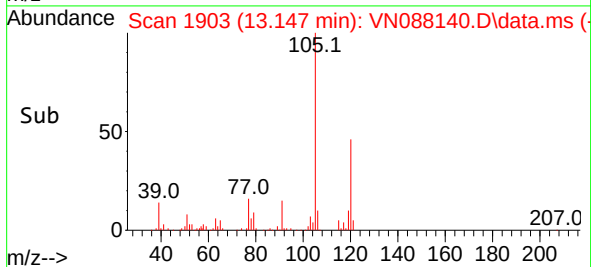
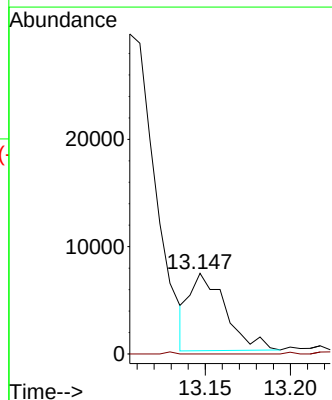
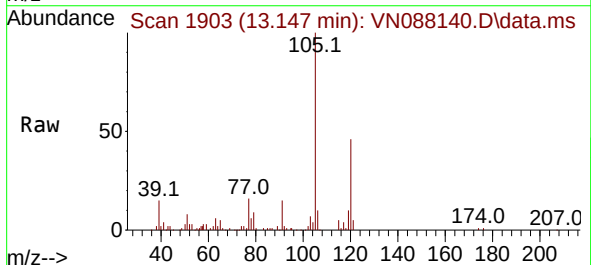
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

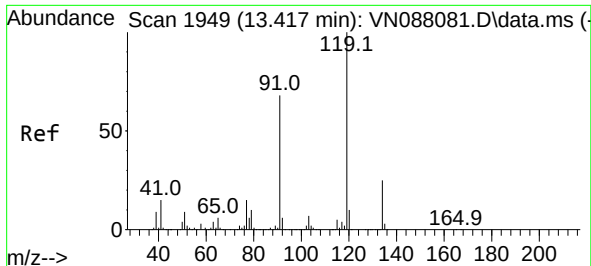
Tgt Ion: 75 Resp: 166697
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.1 35.6 53.4#



#82
4-Chlorotoluene
Concen: 0.626 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.053 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 91 Resp: 10588
Ion Ratio Lower Upper
91 100
126 0.7 15.6 46.8#

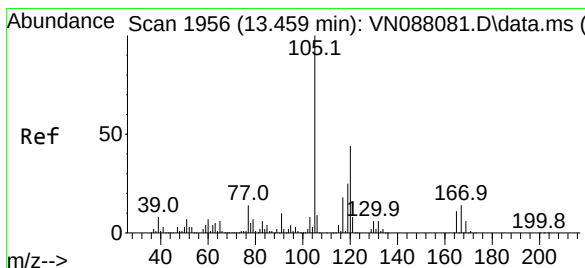
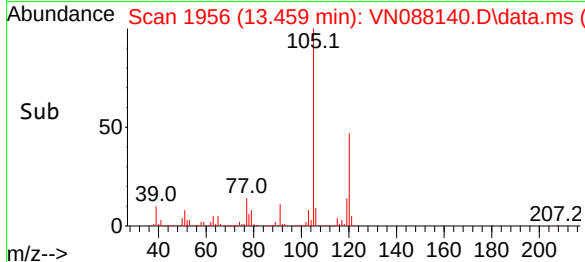
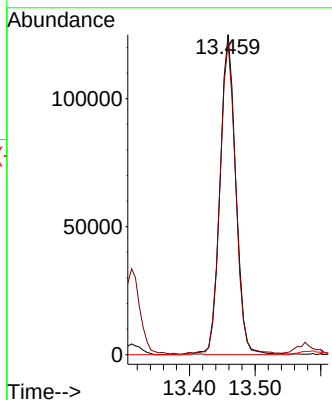
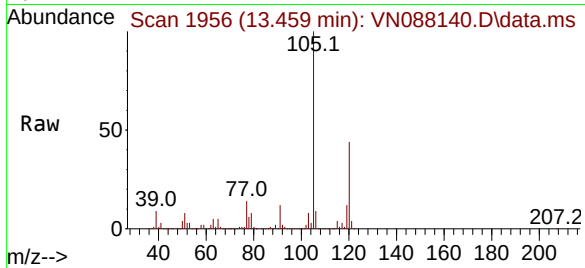




#83
 tert-Butylbenzene
 Concen: 12.464 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.041 min
 Lab File: VN088140.D
 Acq: 28 Oct 2025 15:22

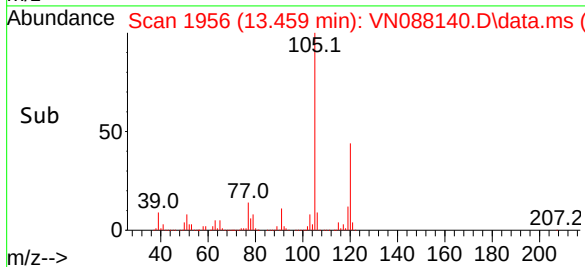
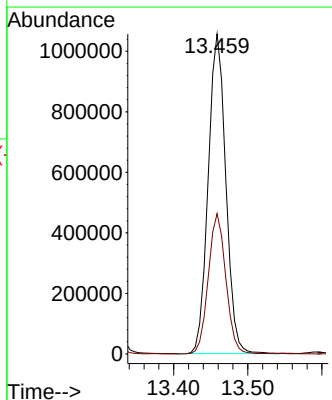
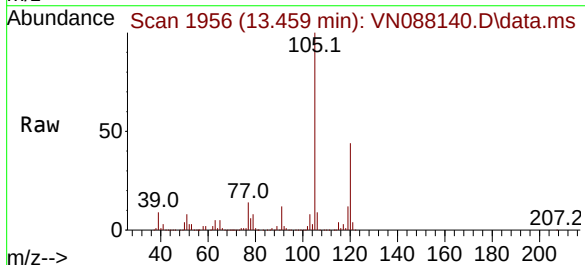
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

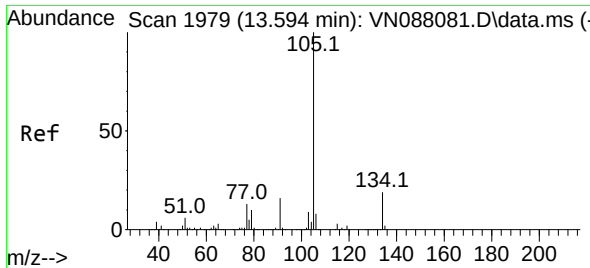
Tgt Ion:119 Resp: 207761
 Ion Ratio Lower Upper
 119 100
 91 98.2 35.0 105.0
 134 0.0 12.6 37.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 93.536 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088140.D
 Acq: 28 Oct 2025 15:22

Tgt Ion:105 Resp: 1746252
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0

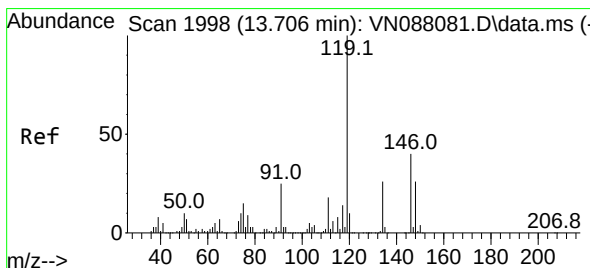
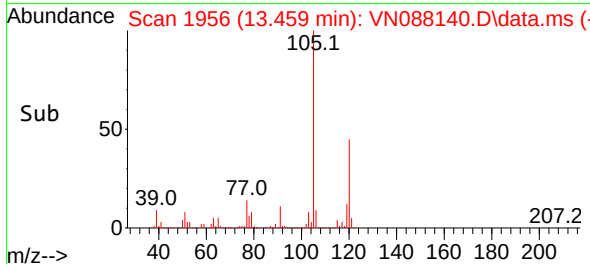
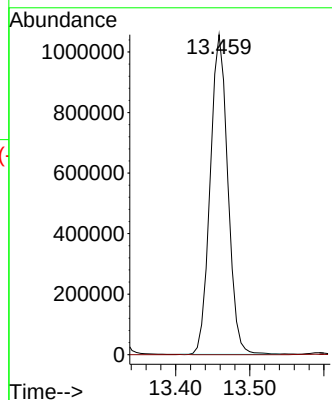
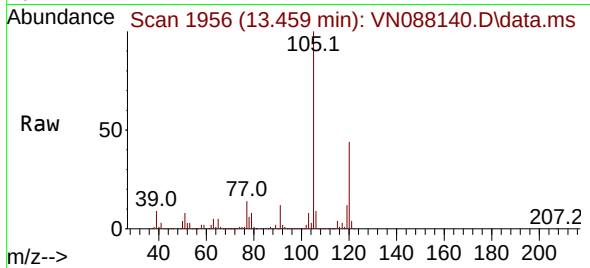




#85
 sec-Butylbenzene
 Concen: 71.305 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.135 min
 Lab File: VN088140.D
 Acq: 28 Oct 2025 15:22

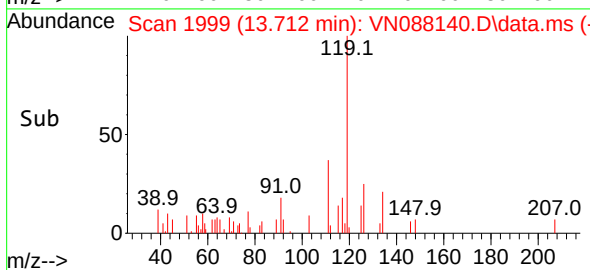
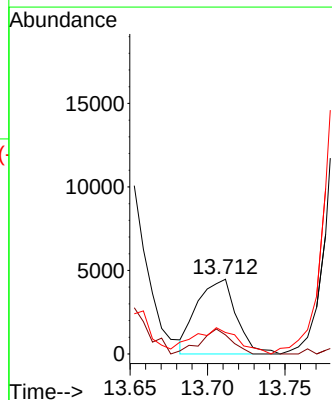
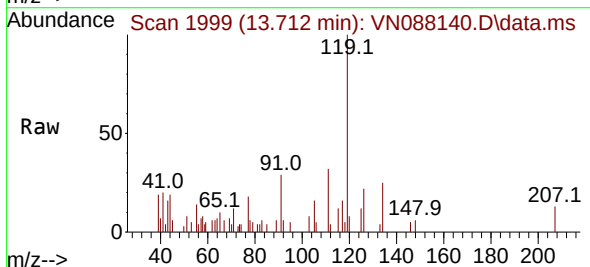
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

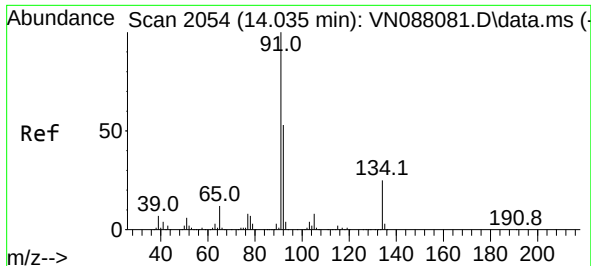
Tgt Ion:105 Resp: 1746252
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.401 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN088140.D
 Acq: 28 Oct 2025 15:22

Tgt Ion:119 Resp: 7870
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 0.0 12.5 37.5#

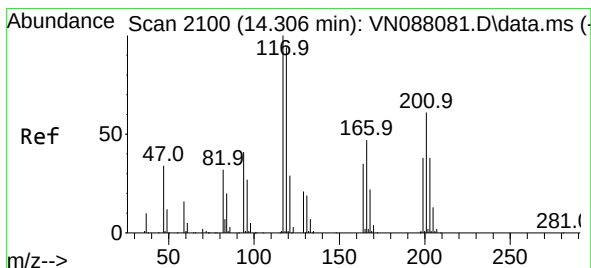
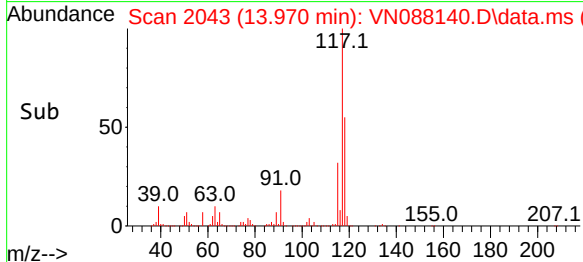
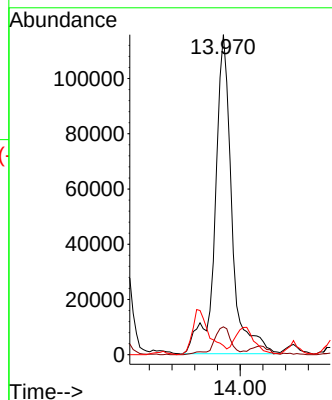
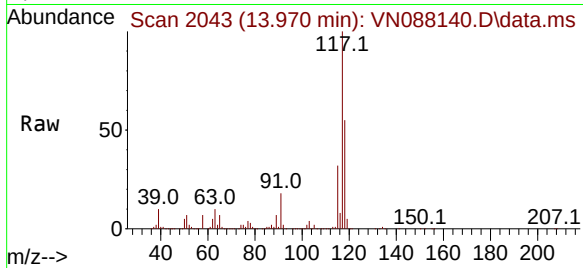




#89
n-Butylbenzene
Concen: 12.129 ug/l
RT: 13.970 min Scan# 2054
Delta R.T. -0.059 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

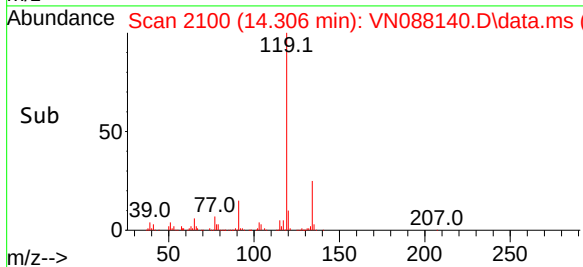
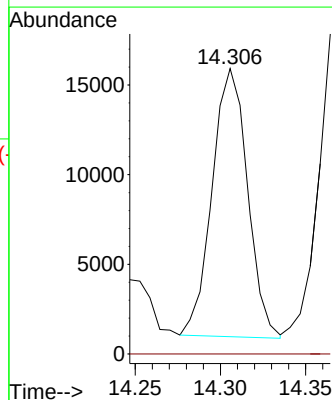
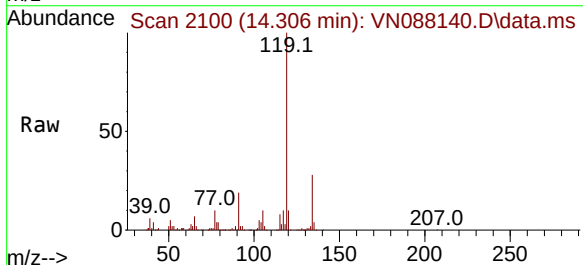
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

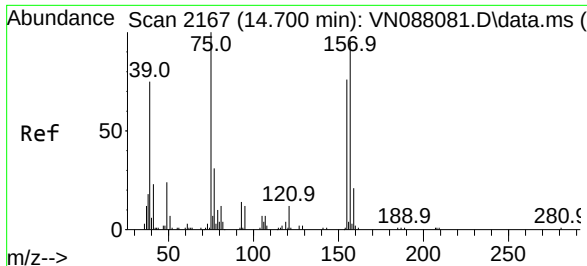
Tgt Ion: 91 Resp: 236041
Ion Ratio Lower Upper
91 100
92 8.8 25.9 77.8#
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 5.676 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088140.D
Acq: 28 Oct 2025 15:22

Tgt Ion: 117 Resp: 21595
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.942 ug/l

RT: 14.670 min Scan# 2167

Delta R.T. -0.030 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

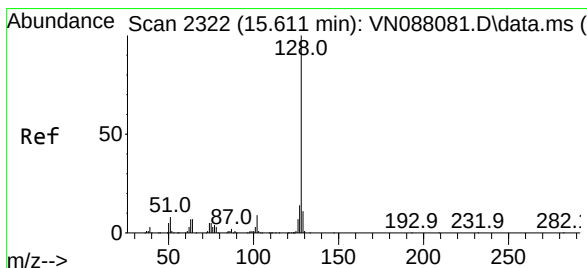
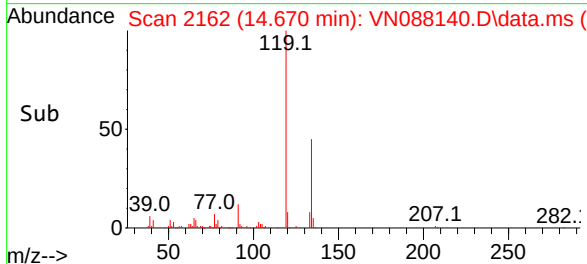
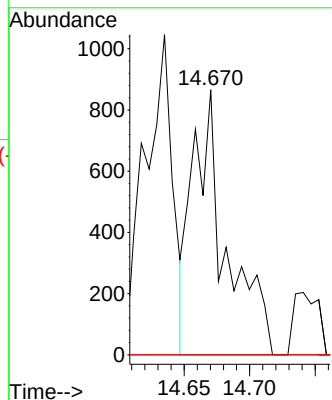
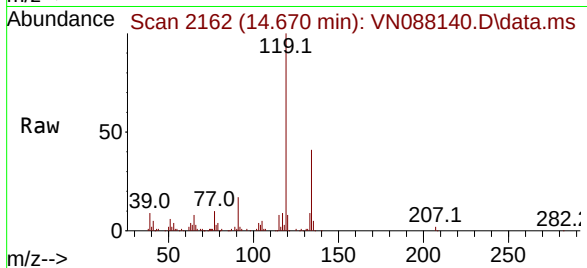
Tgt Ion: 75 Resp: 1534

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 45.6 136.9#



#95

Naphthalene

Concen: 52.255 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088140.D

Acq: 28 Oct 2025 15:22

Tgt Ion:128 Resp: 1010761

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 8.6 12.8

