

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088155.D
 Acq On : 29 Oct 2025 13:24
 Operator : JC\MD
 Sample : Q3468-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13RE

Quant Time: Oct 30 04:05:35 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)

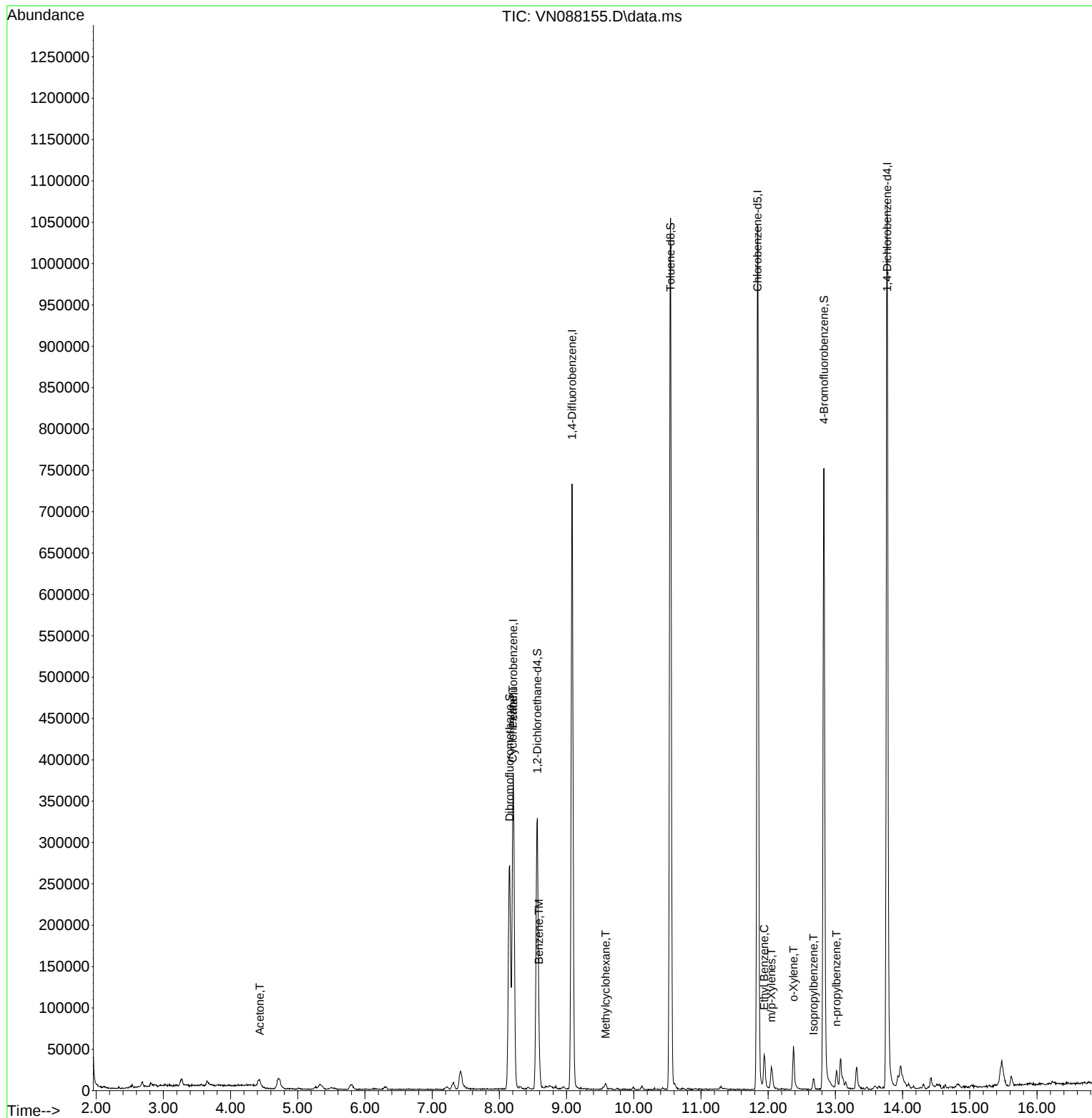
Internal Standards						
1) Pentafluorobenzene	8.206	168	250372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	581822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	565215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	279473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	277597	64.118	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 128.240%#		
35) Dibromofluoromethane	8.153	113	196128	50.177	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.360%		
50) Toluene-d8	10.547	98	693766	46.064	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.120%		
62) 4-Bromofluorobenzene	12.829	95	275802	51.853	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.700%		
Target Compounds						
16) Acetone	4.436	43	18890	8.685	ug/l	99
31) Cyclohexane	8.200	56	9778	1.613	ug/l #	21
39) Methylcyclohexane	9.582	83	2973	0.405	ug/l #	80
40) Benzene	8.588	78	23811	1.370	ug/l	99
67) Ethyl Benzene	11.941	91	30504	1.354	ug/l	99
68) m/p-Xylenes	12.047	106	9187	1.088	ug/l	83
69) o-Xylene	12.376	106	13994	1.749	ug/l	93
73) Isopropylbenzene	12.676	105	9866	0.458	ug/l	92
78) n-propylbenzene	13.017	91	17632	0.670	ug/l	97

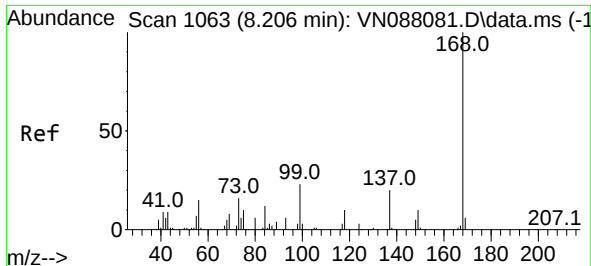
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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MW-13RE

Quant Time: Oct 30 04:05:35 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

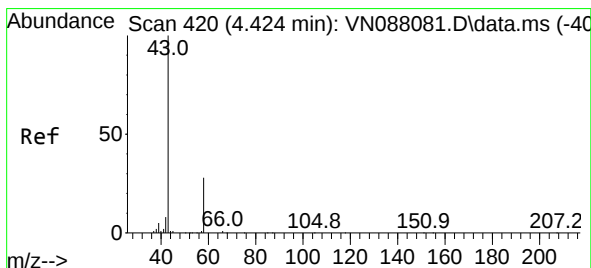
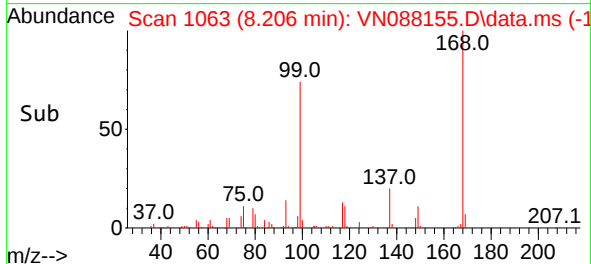
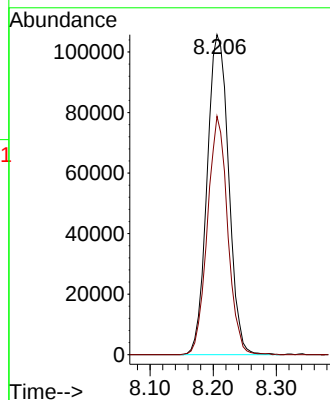
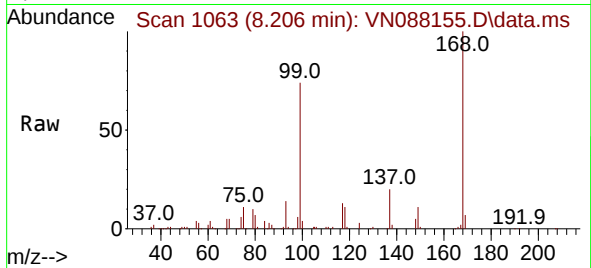




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

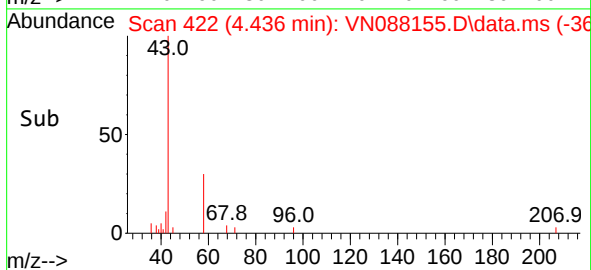
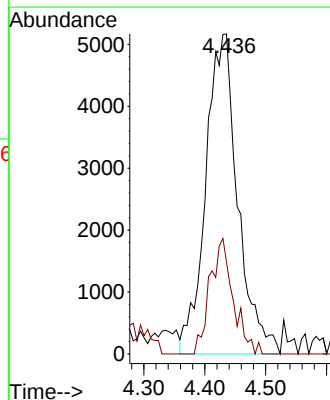
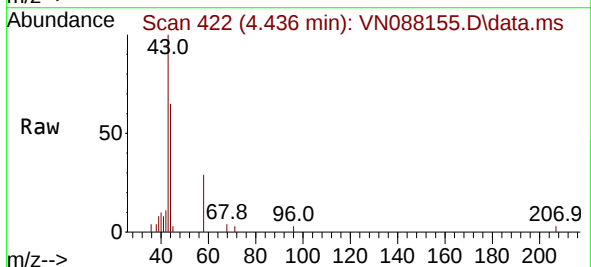
Instrument :
MSVOA_N
ClientSampleId :
MW-13RE

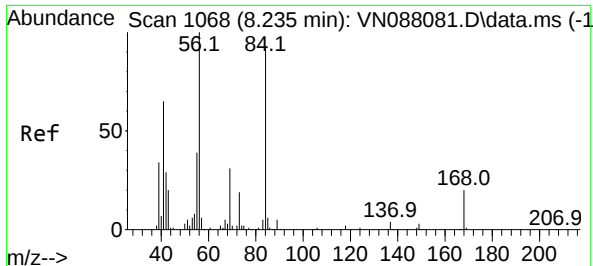
Tgt Ion:168 Resp: 250372
Ion Ratio Lower Upper
168 100
99 74.5 57.2 85.8



#16
Acetone
Concen: 8.685 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 43 Resp: 18890
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8

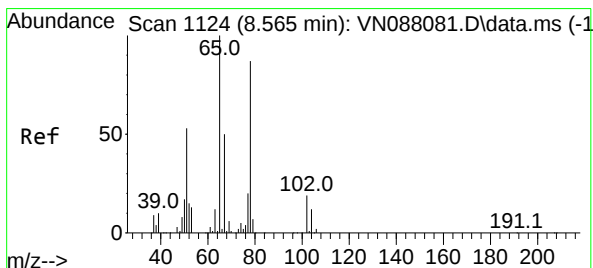
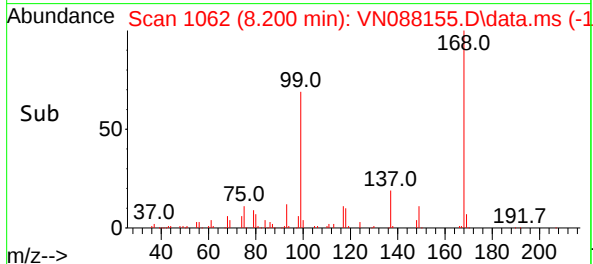
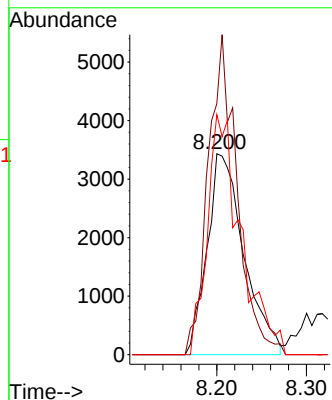
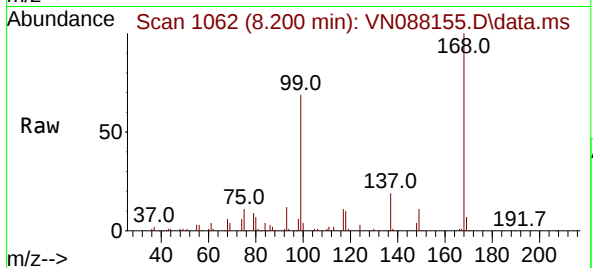




#31
Cyclohexane
Concen: 1.613 ug/l
RT: 8.200 min Scan# 1068
Delta R.T. -0.036 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

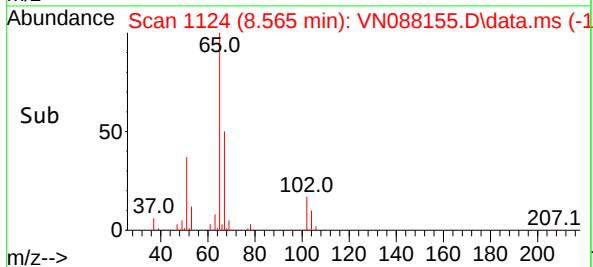
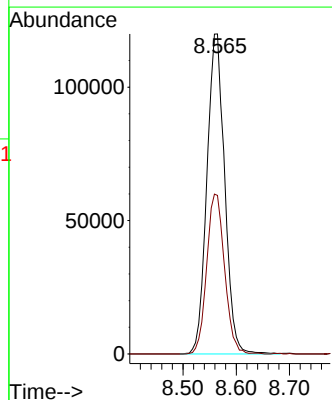
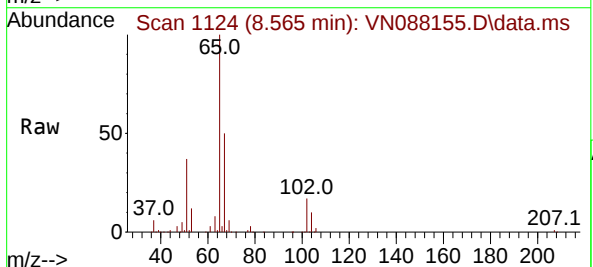
Instrument :
MSVOA_N
ClientSampleId :
MW-13RE

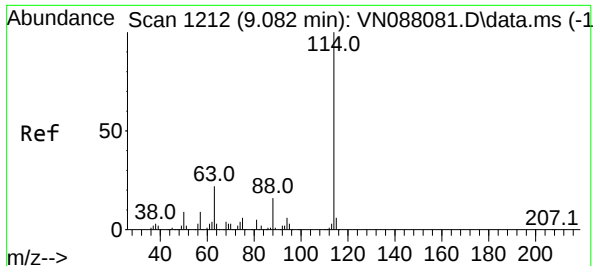
Tgt Ion: 56 Resp: 9778
Ion Ratio Lower Upper
56 100
69 124.9 23.7 35.5#
84 119.4 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 64.118 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 65 Resp: 277597
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.0

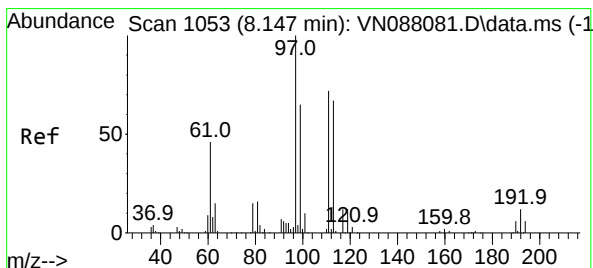
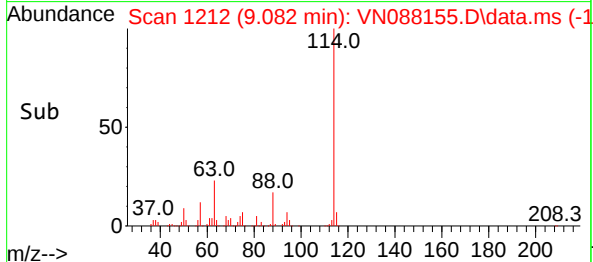
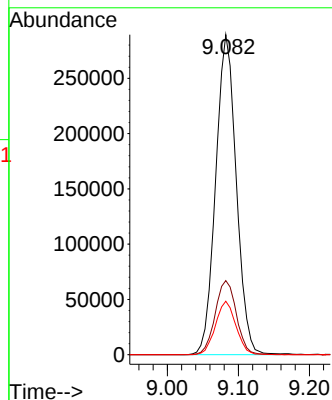
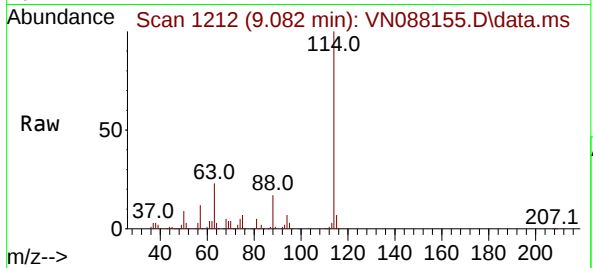




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

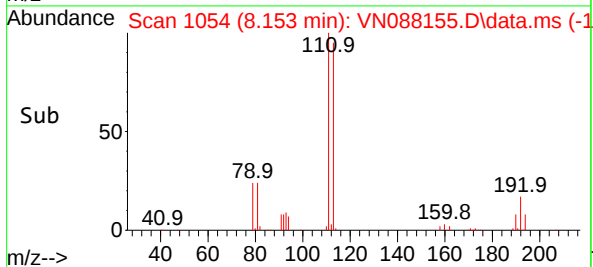
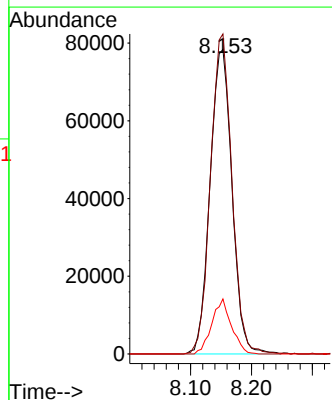
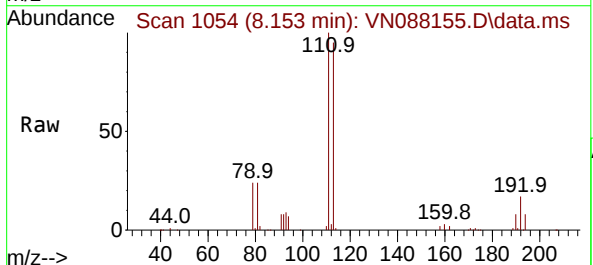
Instrument :
MSVOA_N
ClientSampleId :
MW-13RE

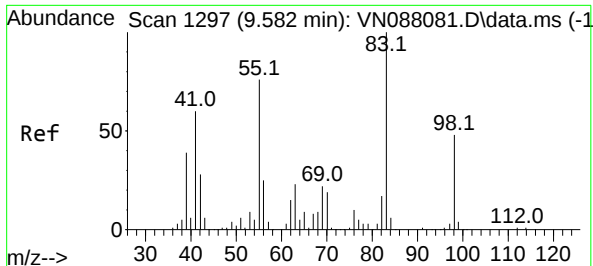
Tgt Ion:114 Resp: 581822
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.2
88 16.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.177 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion:113 Resp: 196128
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 16.1 12.8 19.2





#39

Methylcyclohexane

Concen: 0.405 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088155.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

MW-13RE

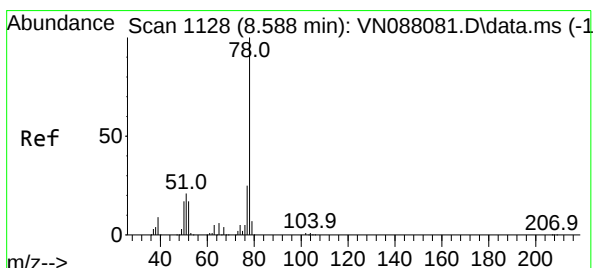
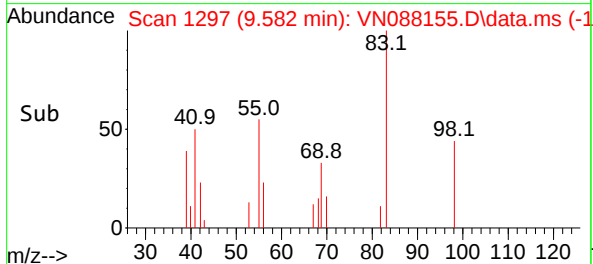
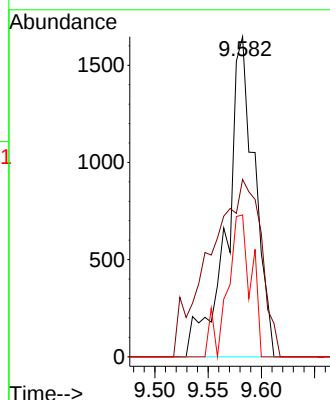
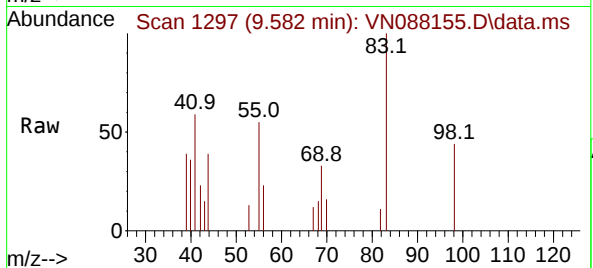
Tgt Ion: 83 Resp: 2973

Ion Ratio Lower Upper

83 100

55 55.4 64.6 96.8#

98 44.3 38.4 57.6



#40

Benzene

Concen: 1.370 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088155.D

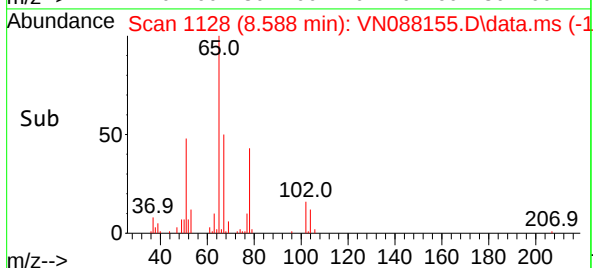
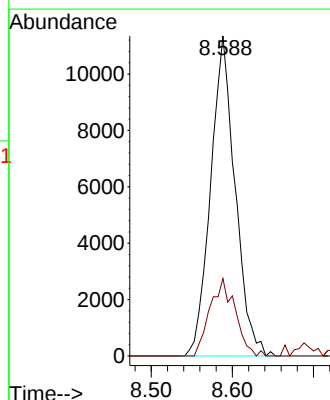
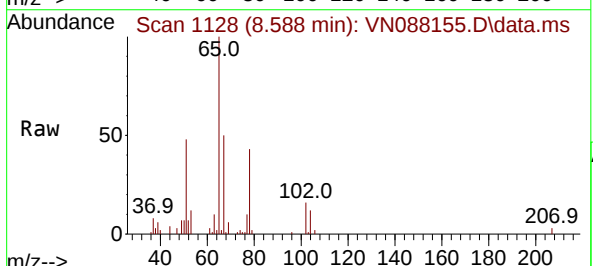
Acq: 29 Oct 2025 13:24

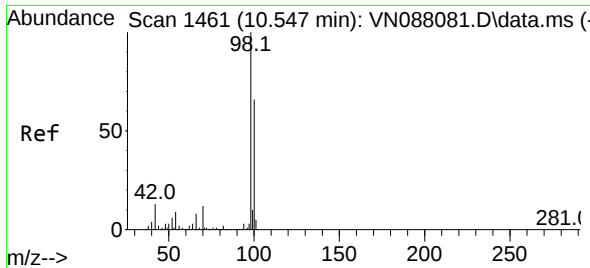
Tgt Ion: 78 Resp: 23811

Ion Ratio Lower Upper

78 100

77 24.2 19.7 29.5

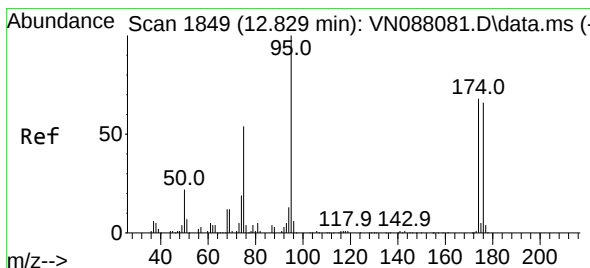
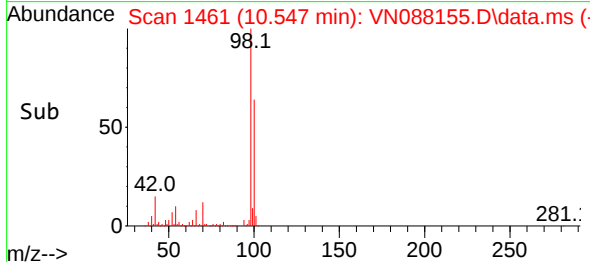
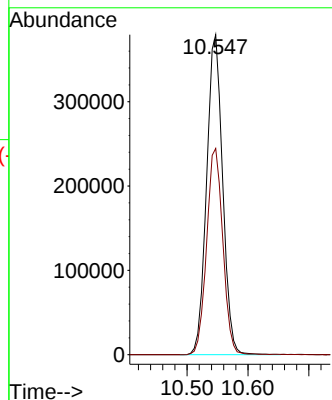
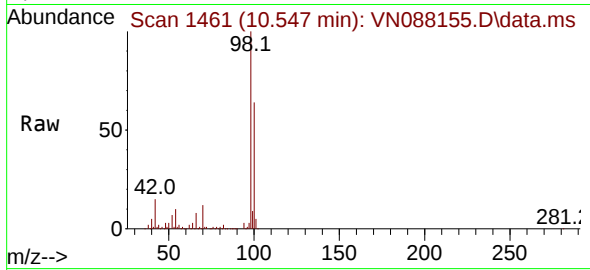




#50
Toluene-d8
Concen: 46.064 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

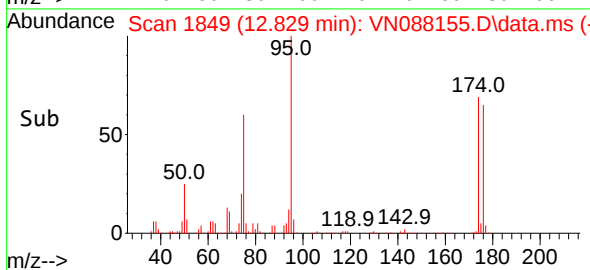
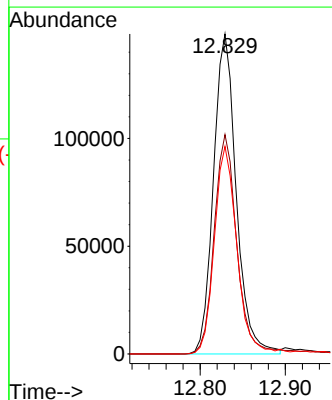
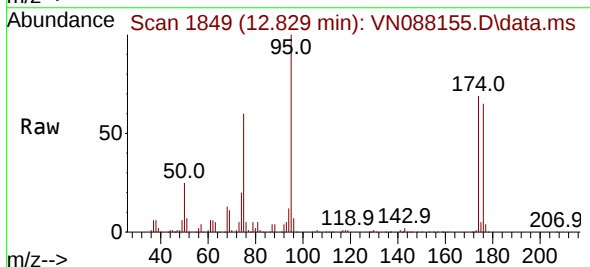
Instrument :
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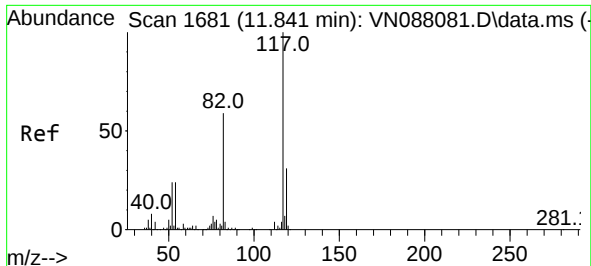
Tgt Ion: 98 Resp: 693766
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.853 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 95 Resp: 275802
Ion Ratio Lower Upper
95 100
174 69.3 0.0 138.4
176 64.3 0.0 132.6

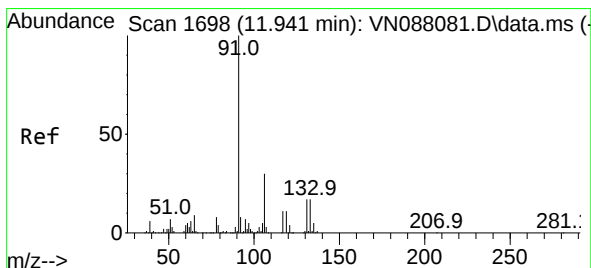
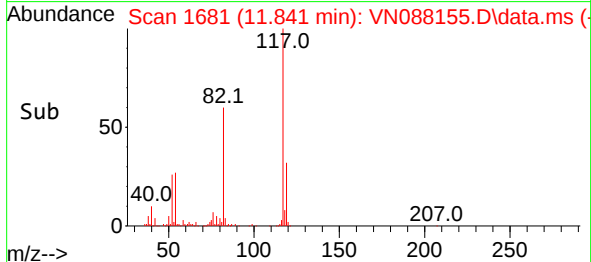
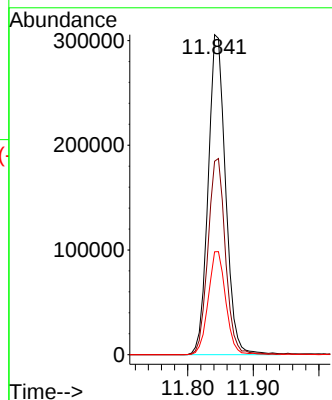
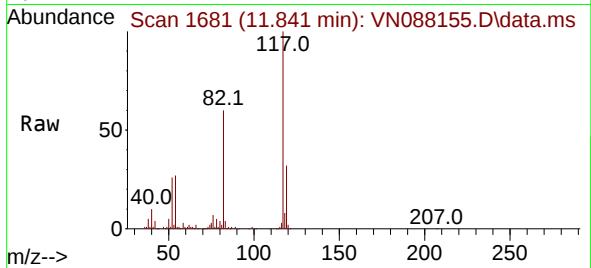




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

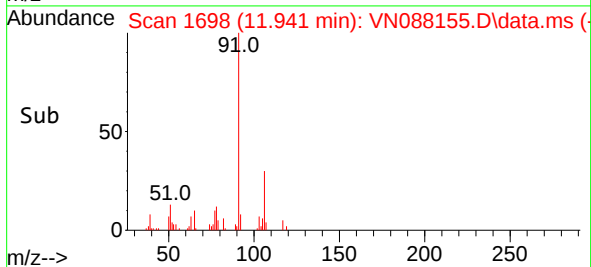
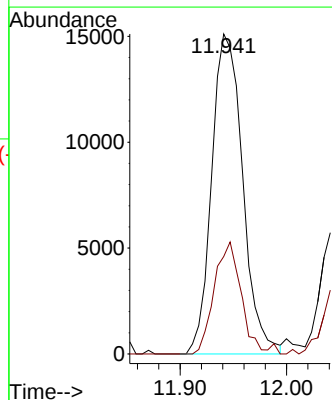
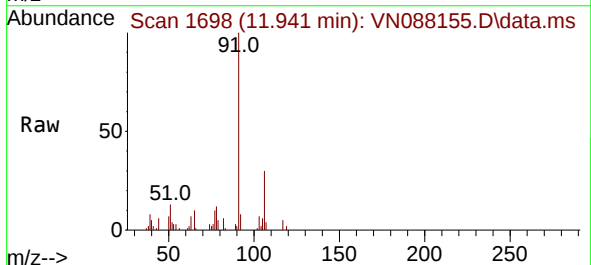
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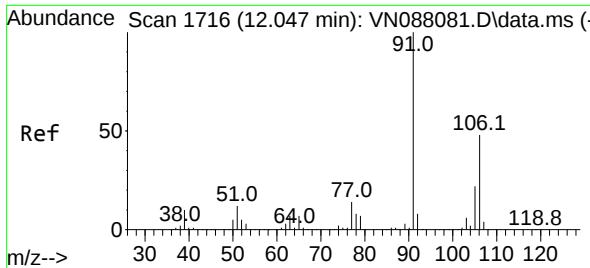
Tgt Ion:117 Resp: 565215
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.2 24.3 36.5



#67
Ethyl Benzene
Concen: 1.354 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 91 Resp: 30504
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

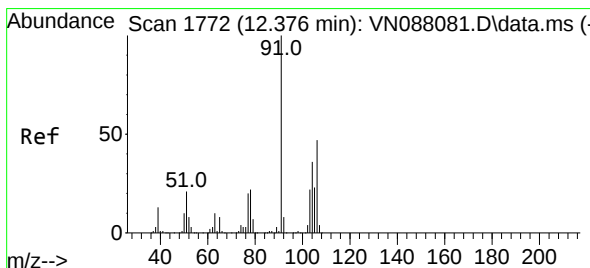
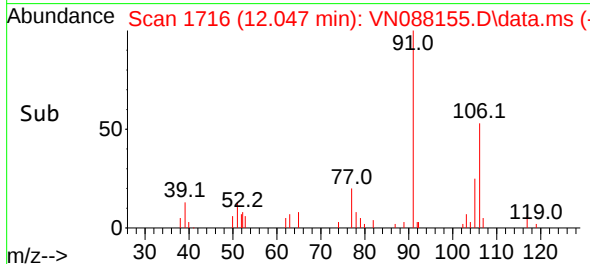
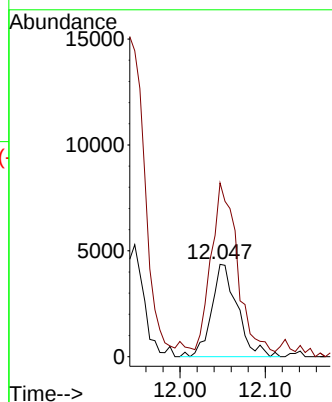
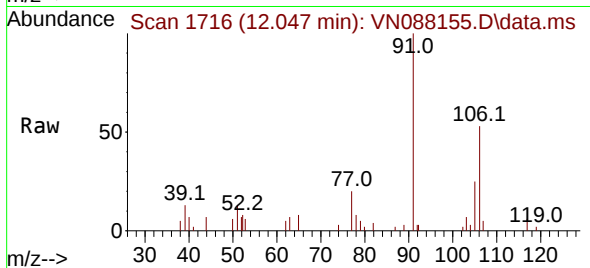




#68
m/p-Xylenes
Concen: 1.088 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

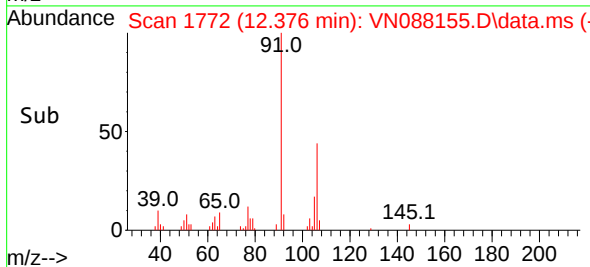
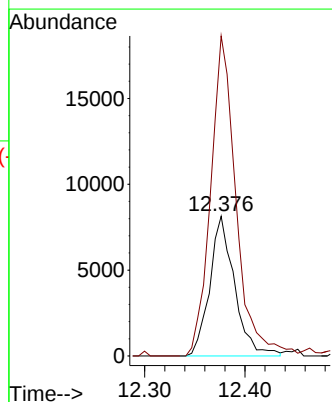
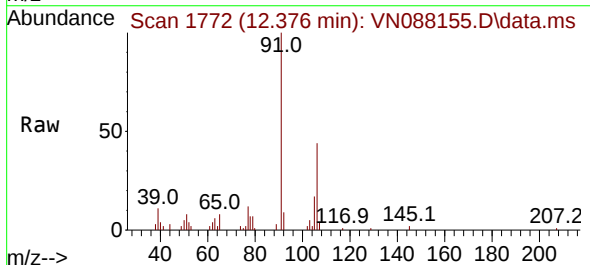
Instrument :
MSVOA_N
ClientSampleId :
MW-13RE

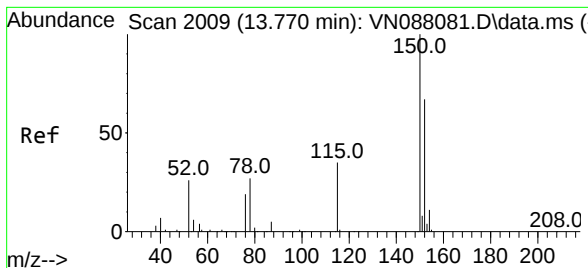
Tgt Ion:106 Resp: 9187
Ion Ratio Lower Upper
106 100
91 185.6 169.3 253.9



#69
o-Xylene
Concen: 1.749 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion:106 Resp: 13994
Ion Ratio Lower Upper
106 100
91 234.7 111.4 334.2

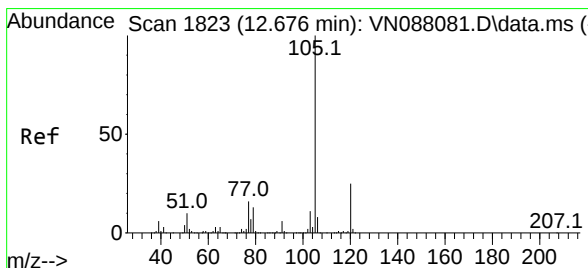
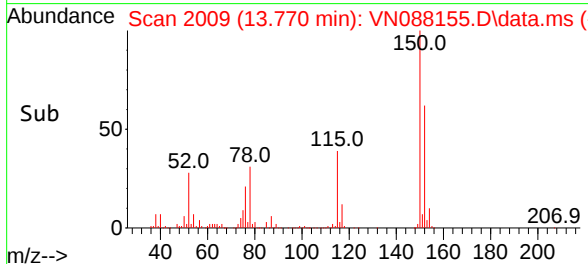
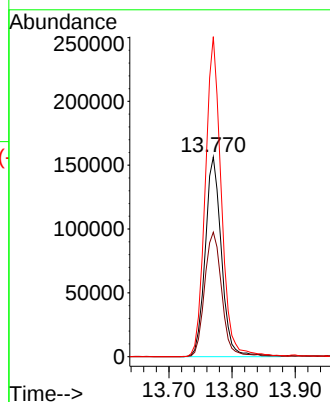
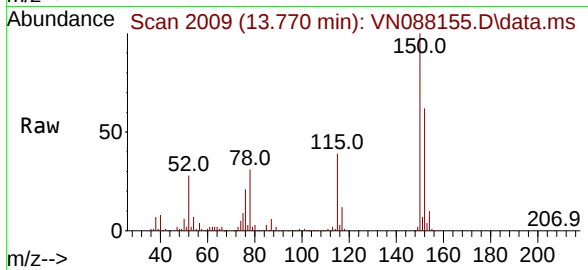




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

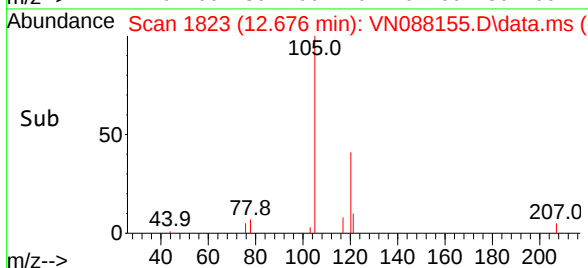
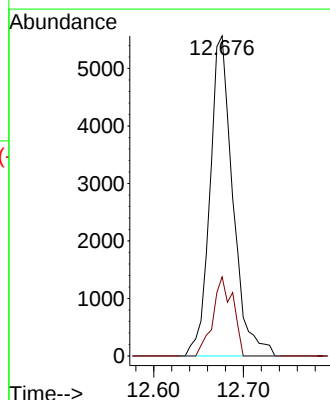
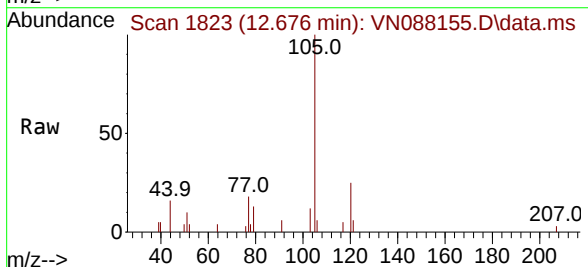
Instrument :
MSVOA_N
ClientSampleId :
MW-13RE

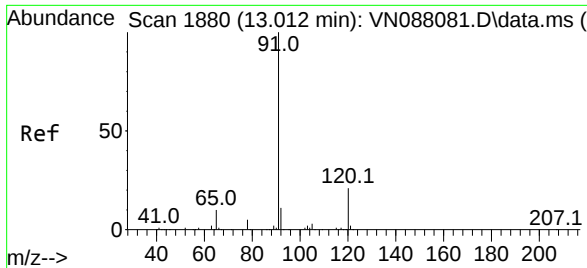
Tgt Ion:152 Resp: 279473
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 158.0 0.0 351.0



#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088155.D
Acq: 29 Oct 2025 13:24

Tgt Ion:105 Resp: 9866
Ion Ratio Lower Upper
105 100
120 21.6 12.8 38.3





#78

n-propylbenzene

Concen: 0.670 ug/l

RT: 13.017 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN088155.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

MW-13RE

Tgt Ion: 91 Resp: 17632

Ion Ratio Lower Upper

91 100

120 19.9 10.7 32.1

