

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086473.D
 Acq On : 02 May 2025 19:07
 Operator : JC\MD
 Sample : Q1940-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: May 02 23:18:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

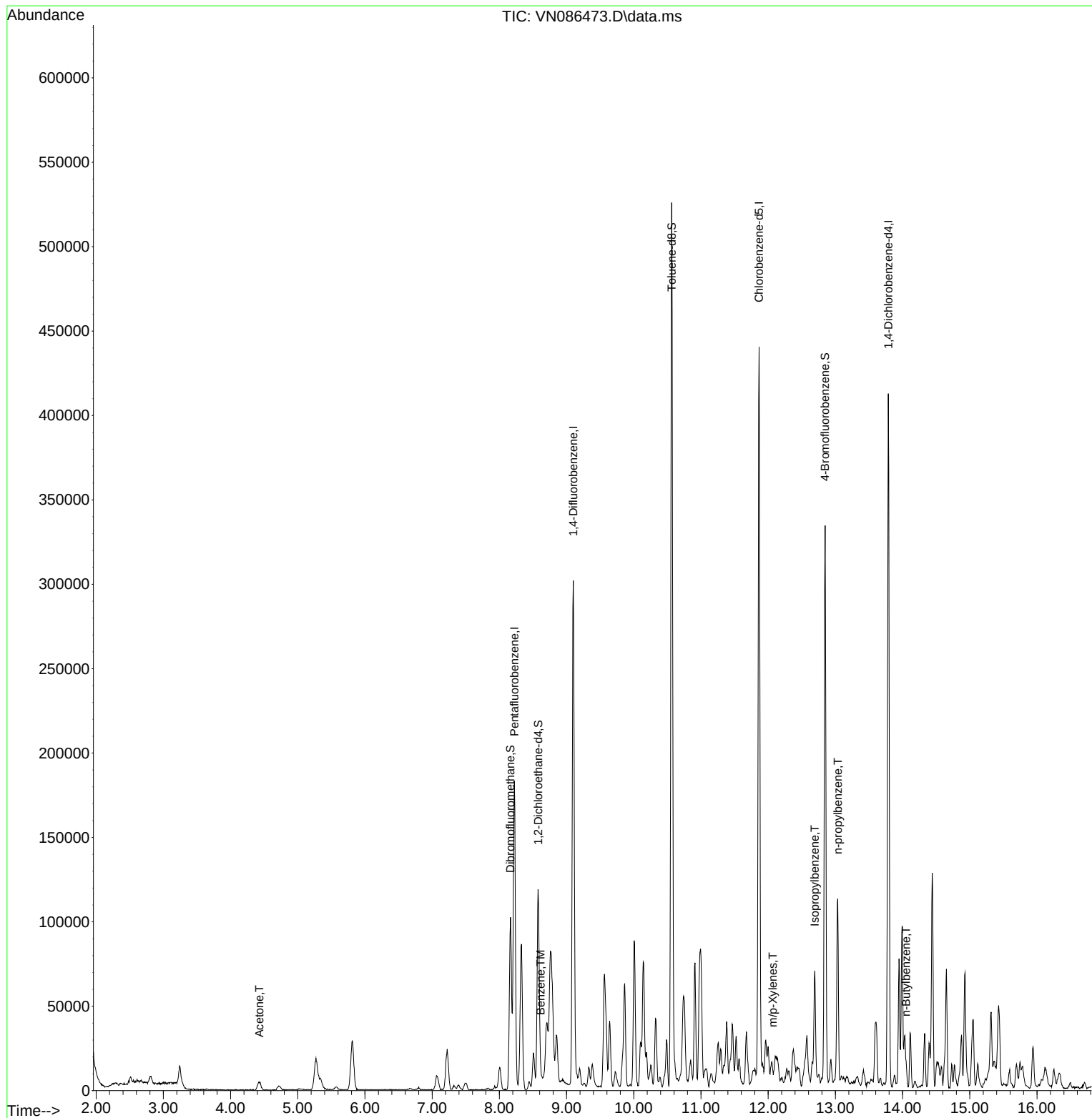
Internal Standards						
1) Pentafluorobenzene	8.224	168	131476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	245875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	97311	51.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.080%	
35) Dibromofluoromethane	8.165	113	73087	60.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.600%	
50) Toluene-d8	10.565	98	332868	51.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.847	95	118853	50.718	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	5333	2.439	ug/l #	70
40) Benzene	8.612	78	6072	0.789	ug/l	99
68) m/p-Xylenes	12.070	106	1932	0.521	ug/l	78
73) Isopropylbenzene	12.694	105	42439	4.772	ug/l	100
78) n-propylbenzene	13.035	91	86921	8.295	ug/l	100
89) n-Butylbenzene	14.053	91	9756	1.526	ug/l #	59

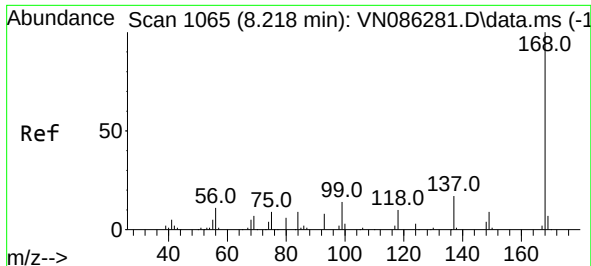
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
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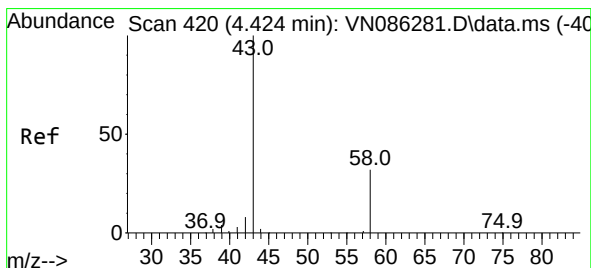
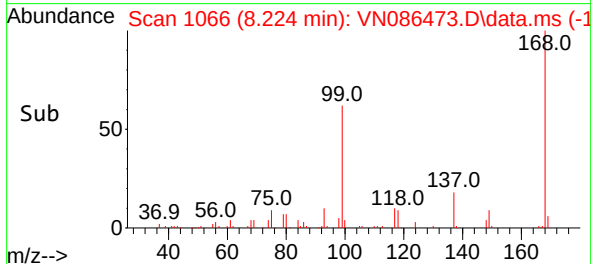
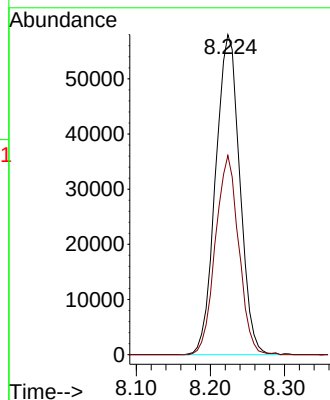
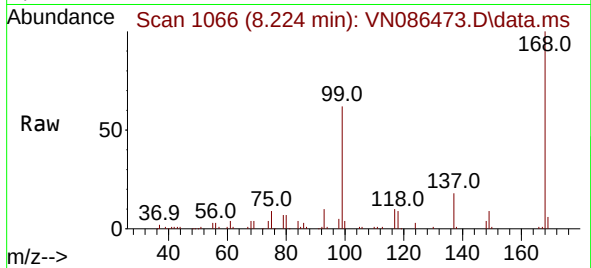




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

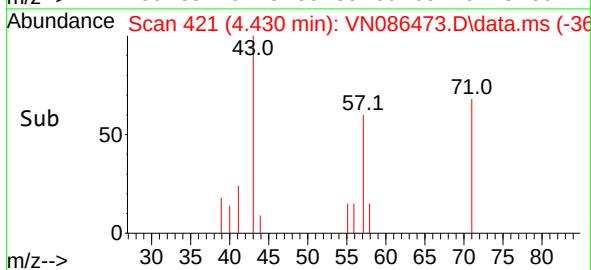
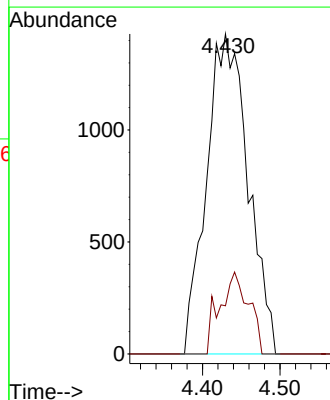
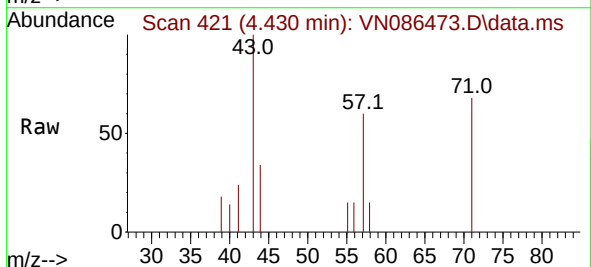
Instrument :
MSVOA_N
ClientSampleId :
MW-1

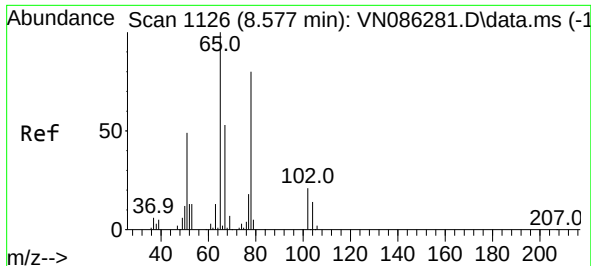
Tgt Ion:168 Resp: 131476
Ion Ratio Lower Upper
168 100
99 62.3 52.5 78.7



#16
Acetone
Concen: 2.439 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Tgt Ion: 43 Resp: 5333
Ion Ratio Lower Upper
43 100
58 15.0 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 51.041 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086473.D

Acq: 02 May 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

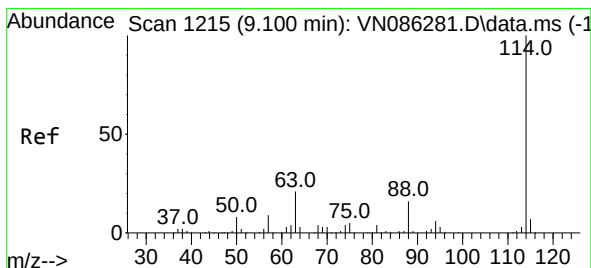
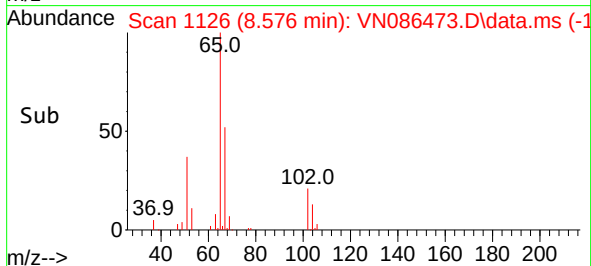
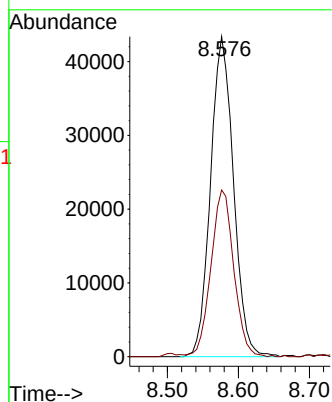
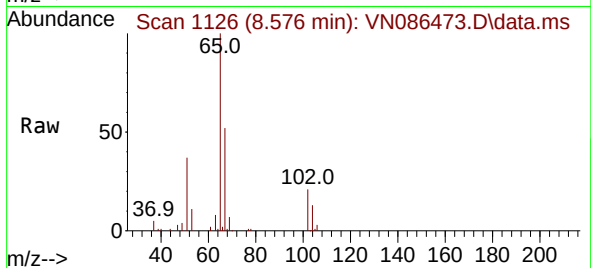
MW-1

Tgt Ion: 65 Resp: 97311

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086473.D

Acq: 02 May 2025 19:07

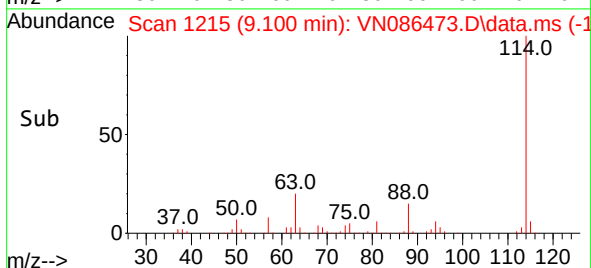
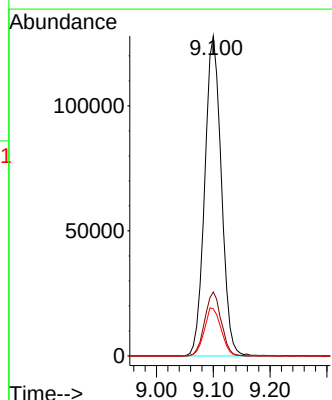
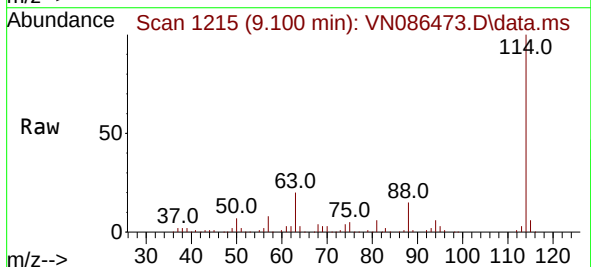
Tgt Ion: 114 Resp: 259020

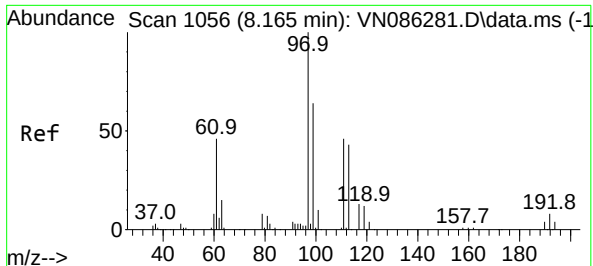
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 14.7 0.0 31.8

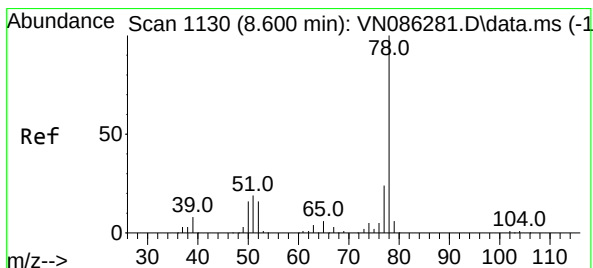
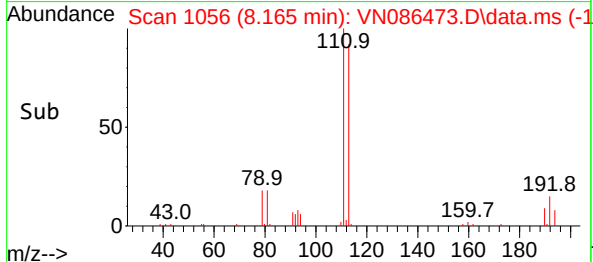
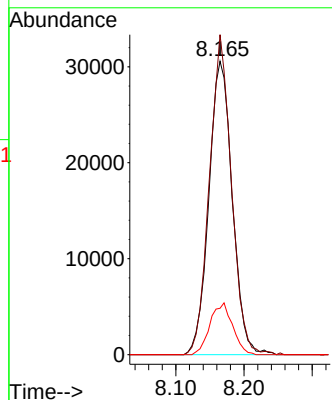
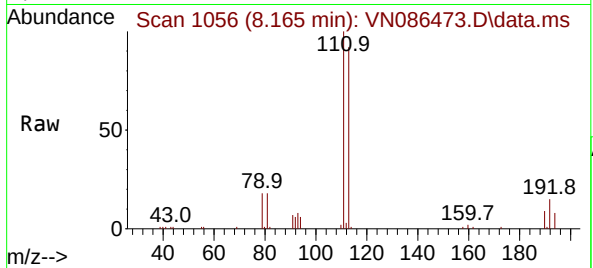




#35
 Dibromofluoromethane
 Concen: 60.797 ug/l
 RT: 8.165 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VN086473.D
 Acq: 02 May 2025 19:07

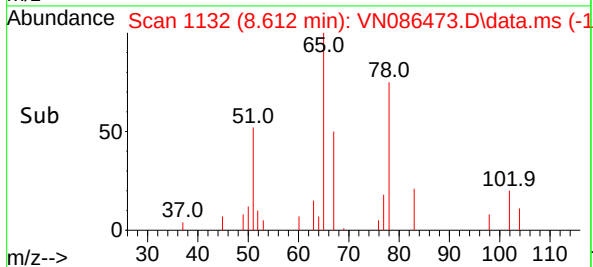
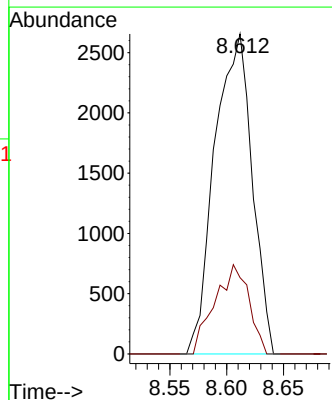
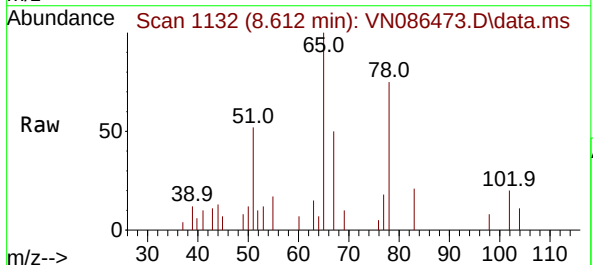
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

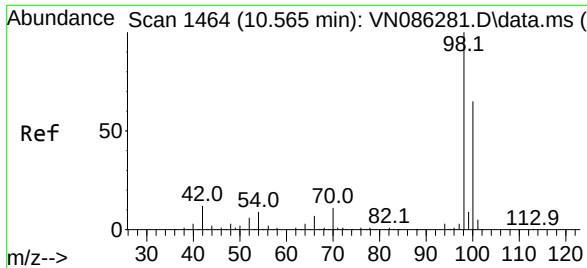
Tgt Ion:113 Resp: 73087
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 17.1 13.7 20.5



#40
 Benzene
 Concen: 0.789 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. 0.012 min
 Lab File: VN086473.D
 Acq: 02 May 2025 19:07

Tgt Ion: 78 Resp: 6072
 Ion Ratio Lower Upper
 78 100
 77 23.8 19.4 29.2

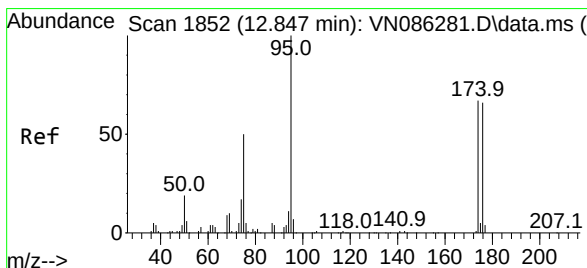
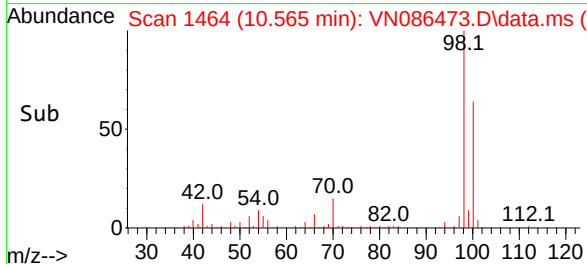
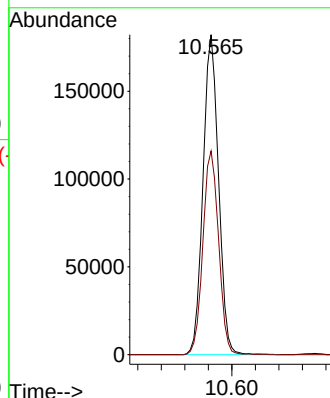
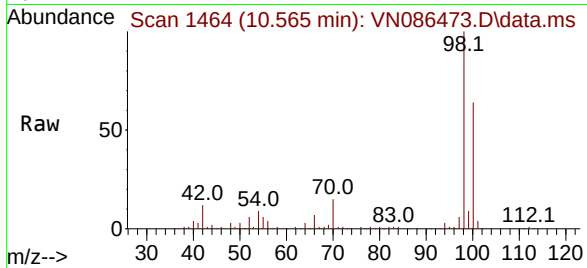




#50
Toluene-d8
Concen: 51.809 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

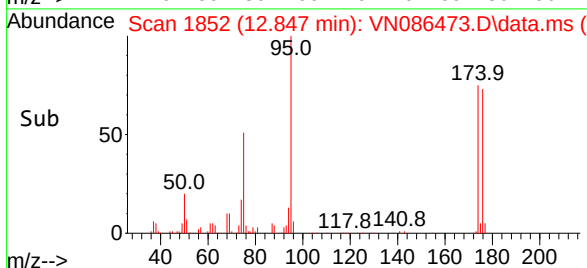
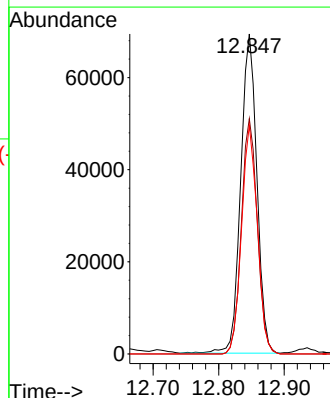
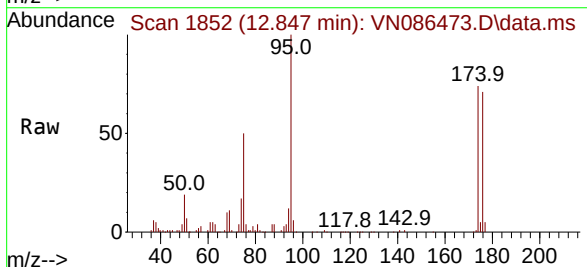
Instrument :
MSVOA_N
ClientSampleId :
MW-1

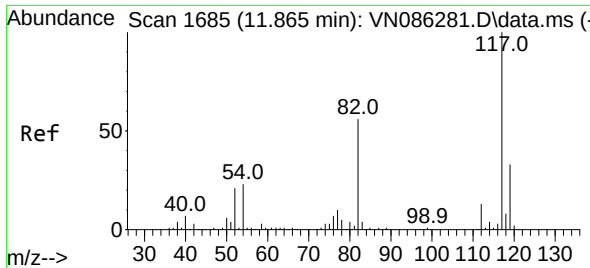
Tgt Ion: 98 Resp: 332868
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Tgt Ion: 95 Resp: 118853
Ion Ratio Lower Upper
95 100
174 72.5 0.0 133.4
176 69.9 0.0 129.2

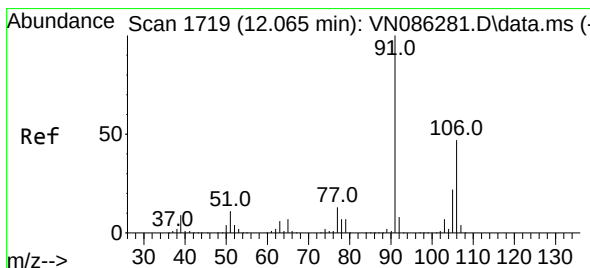
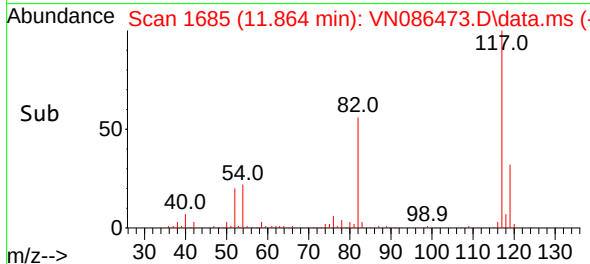
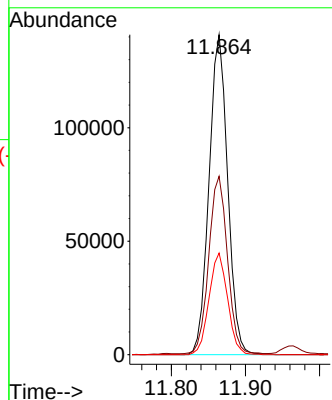
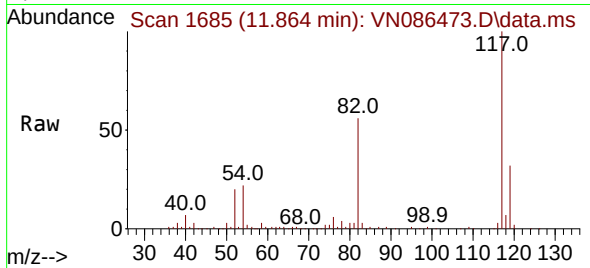




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

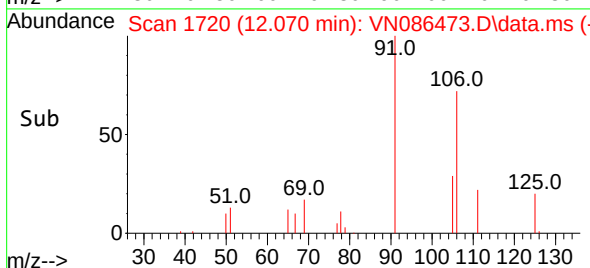
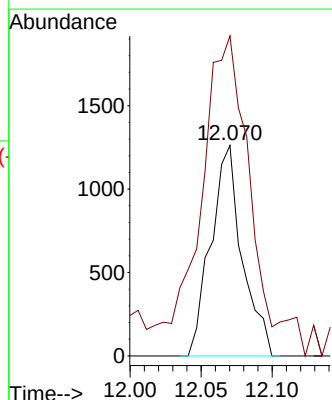
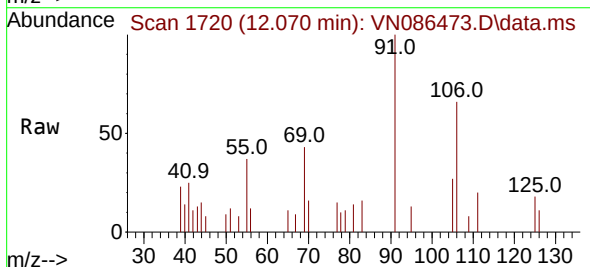
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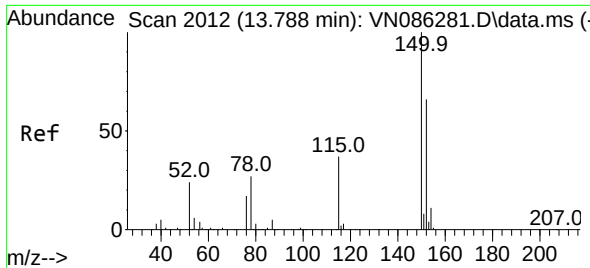
Tgt Ion:117 Resp: 245875
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.8 26.4 39.6



#68
m/p-Xylenes
Concen: 0.521 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Tgt Ion:106 Resp: 1932
Ion Ratio Lower Upper
106 100
91 241.7 166.5 249.7

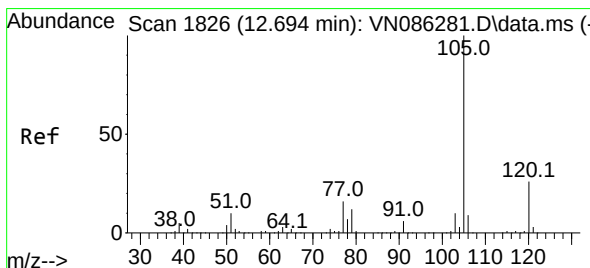
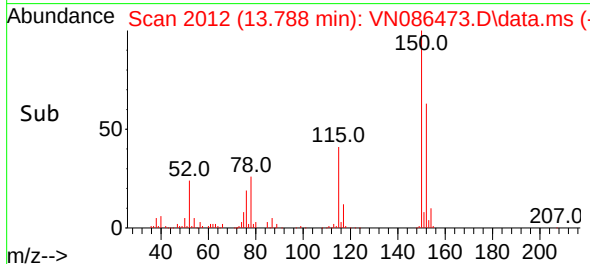
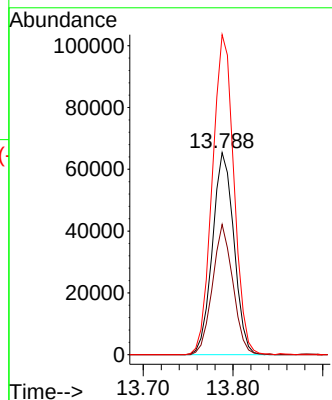
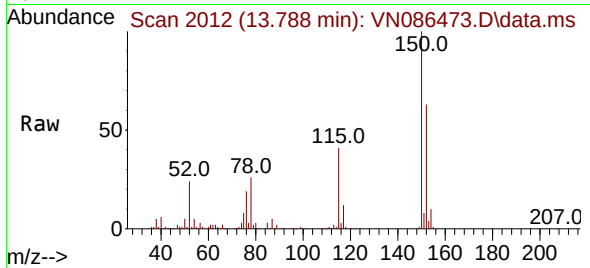




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

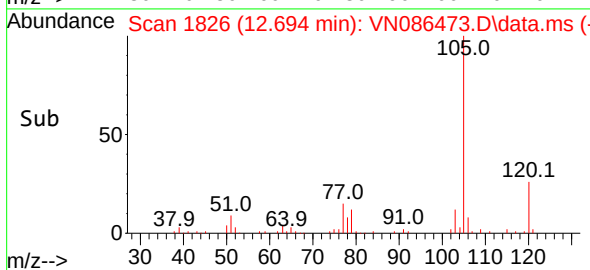
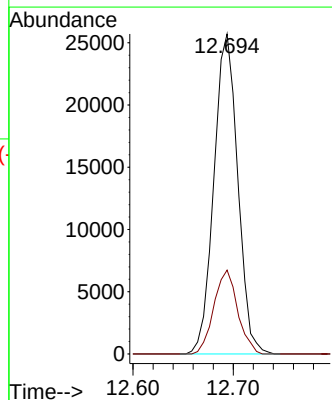
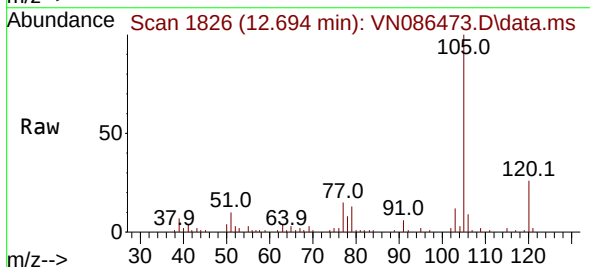
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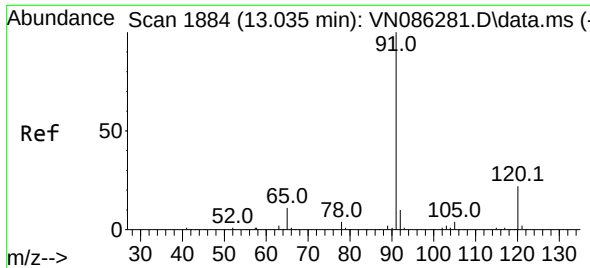
Tgt Ion:152 Resp: 108714
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 159.2 0.0 352.0



#73
Isopropylbenzene
Concen: 4.772 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Tgt Ion:105 Resp: 42439
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

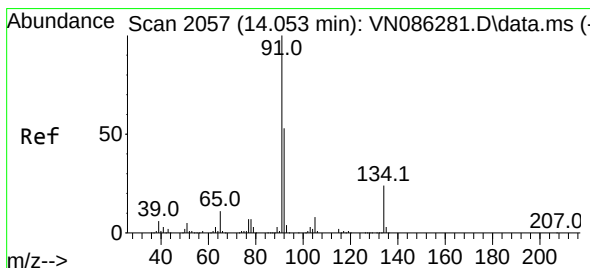
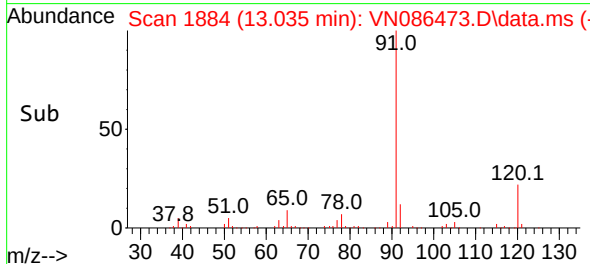
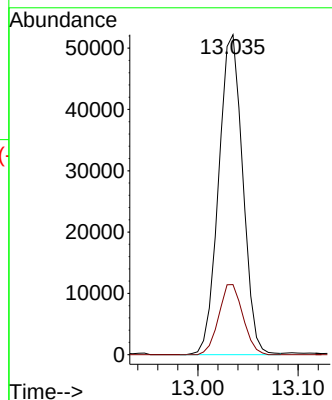
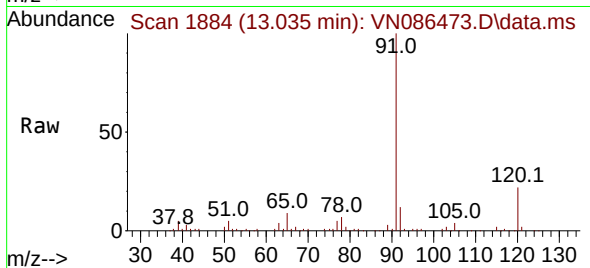




#78
n-propylbenzene
Concen: 8.295 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 91 Resp: 86921
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



#89
n-Butylbenzene
Concen: 1.526 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086473.D
Acq: 02 May 2025 19:07

Tgt Ion: 91 Resp: 9756
Ion Ratio Lower Upper
91 100
92 39.7 26.8 80.4
134 67.8 12.2 36.6#

