

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087659.D
 Acq On : 25 Aug 2025 15:43
 Operator : JC\MD
 Sample : Q2921-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

Quant Time: Aug 26 01:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

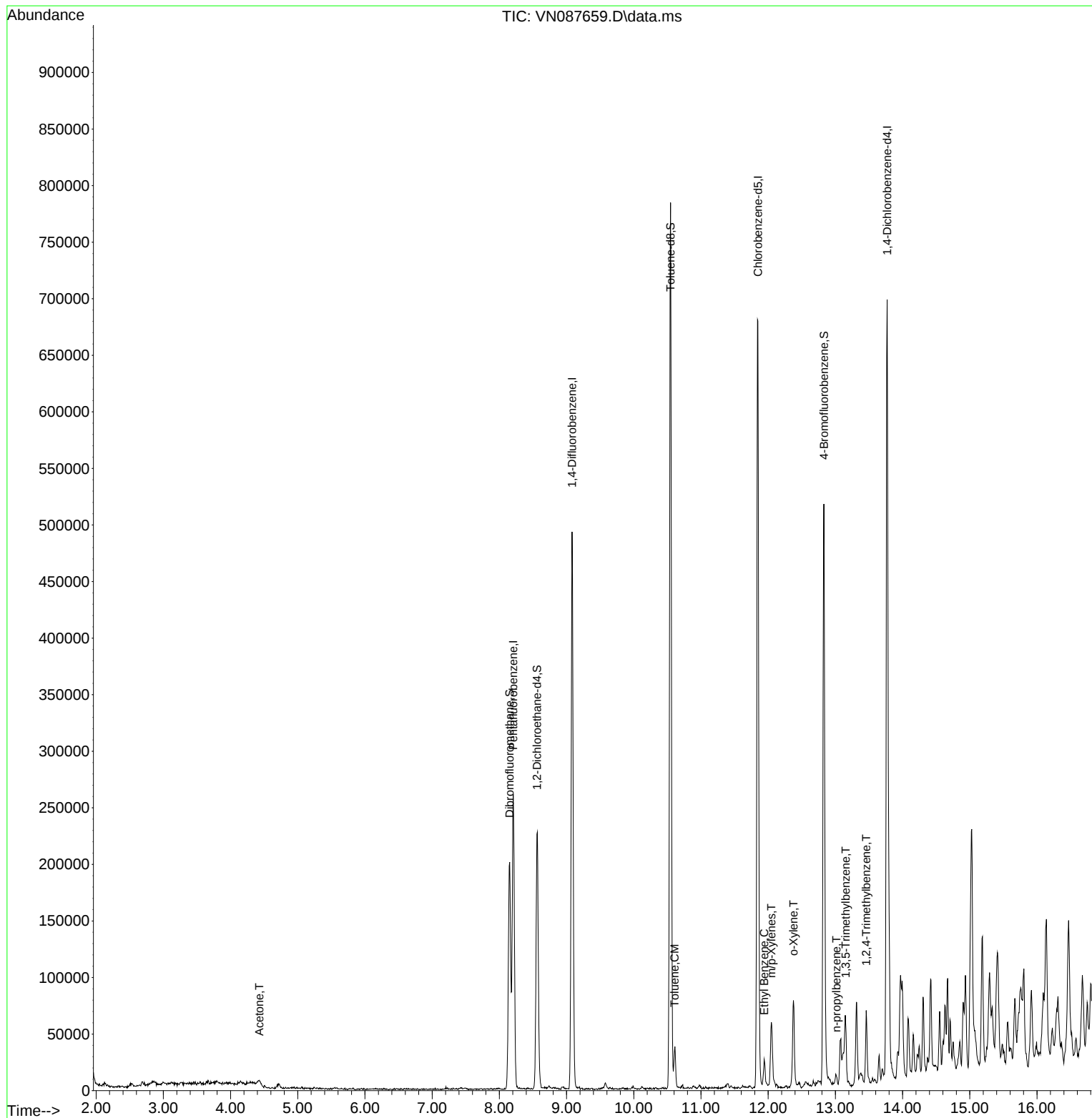
Internal Standards						
1) Pentafluorobenzene	8.206	168	169994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	375883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191473	54.974	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.940%		
35) Dibromofluoromethane	8.153	113	143243	50.181	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.360%		
50) Toluene-d8	10.547	98	512701	47.988	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.980%		
62) 4-Bromofluorobenzene	12.829	95	181471	47.761	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.520%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	8448	4.456	ug/l #	67
52) Toluene	10.606	92	14874	1.786	ug/l	89
67) Ethyl Benzene	11.941	91	14504	0.896	ug/l #	85
68) m/p-Xylenes	12.047	106	17688	2.979	ug/l	99
69) o-Xylene	12.376	106	21756	3.739	ug/l	96
78) n-propylbenzene	13.018	91	6367	0.359	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	26530	2.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	35962	2.942	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 26 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

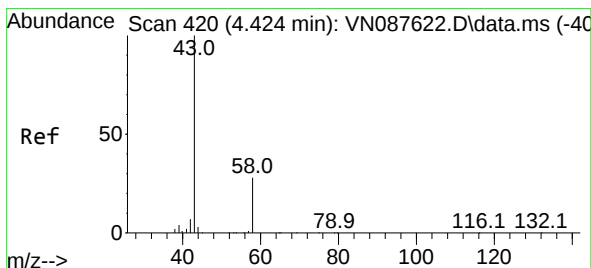
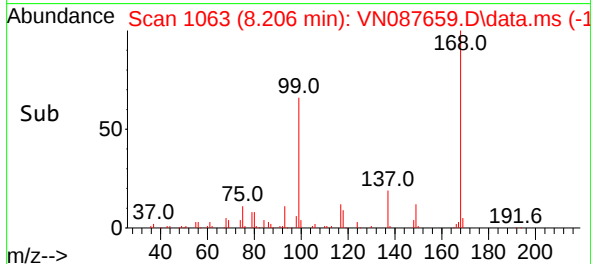
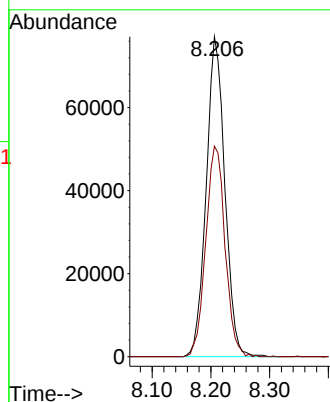
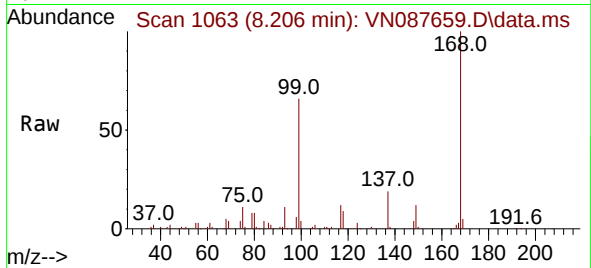




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

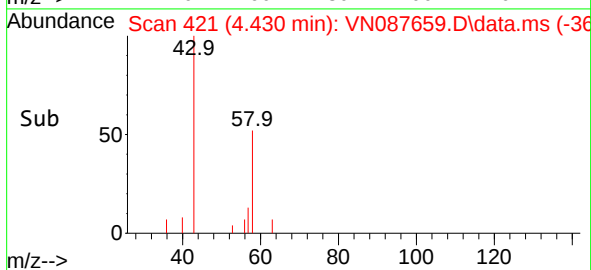
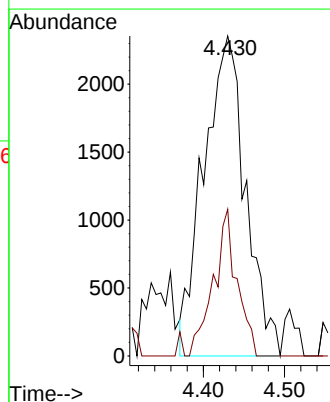
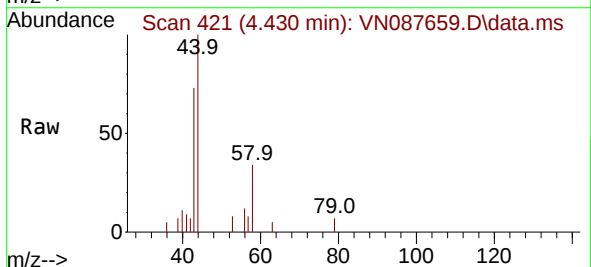
Instrument :
MSVOA_N
ClientSampleId :
MW1

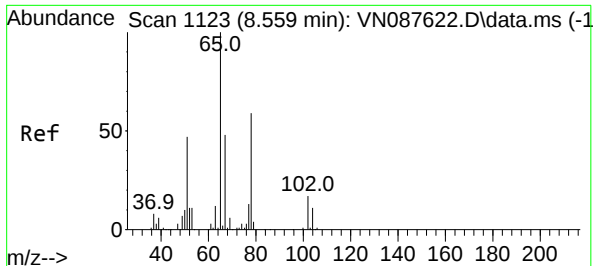
Tgt Ion:168 Resp: 169994
Ion Ratio Lower Upper
168 100
99 65.8 57.2 85.8



#16
Acetone
Concen: 4.456 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 43 Resp: 8448
Ion Ratio Lower Upper
43 100
58 45.9 22.6 33.8#

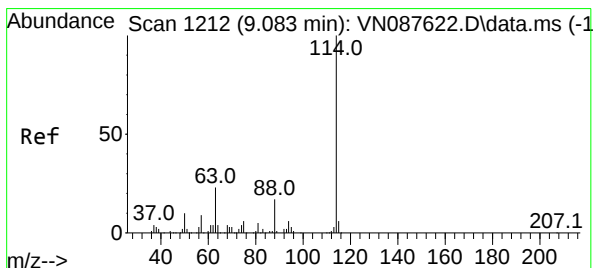
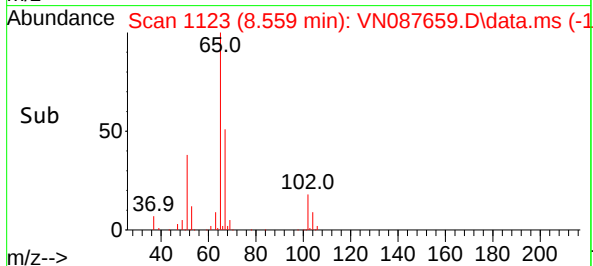
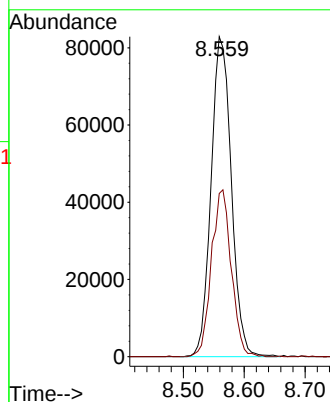
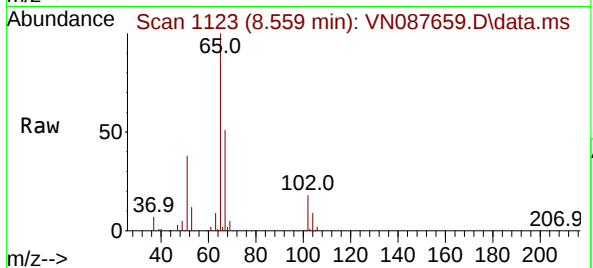




#33
1,2-Dichloroethane-d4
Concen: 54.974 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

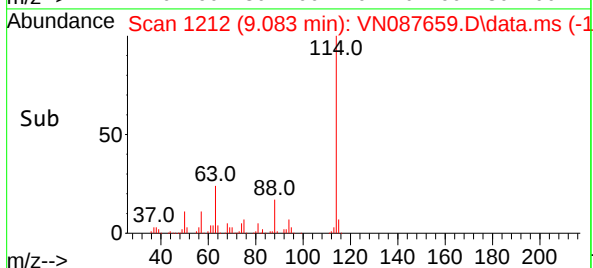
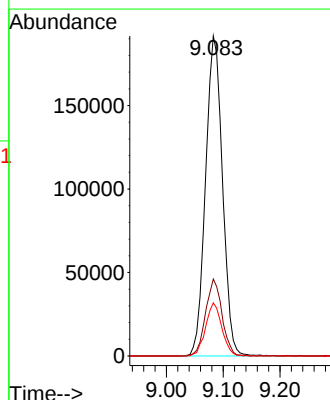
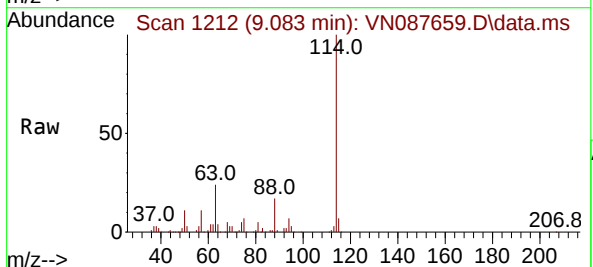
Instrument :
MSVOA_N
ClientSampleId :
MW1

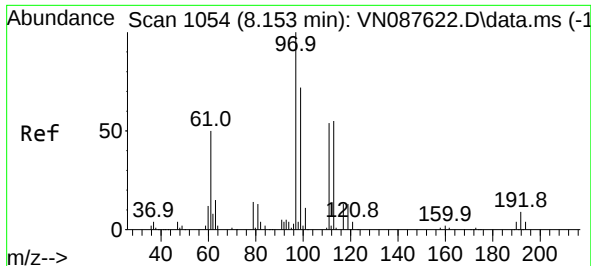
Tgt Ion: 65 Resp: 191473
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 114 Resp: 395366
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.2
88 16.6 0.0 33.4

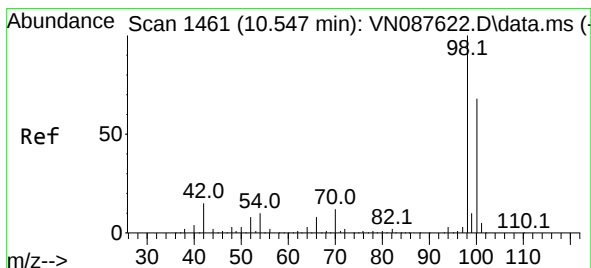
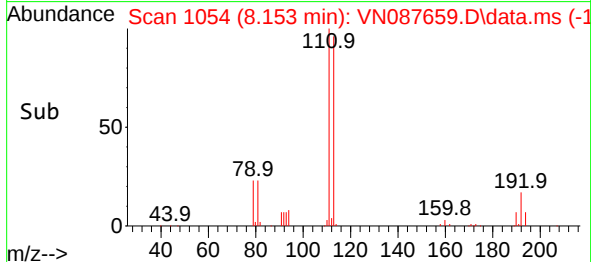
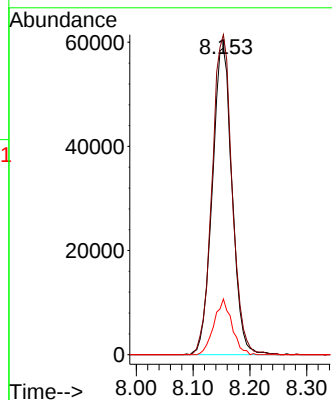
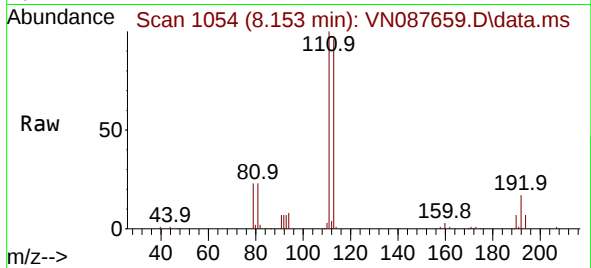




#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

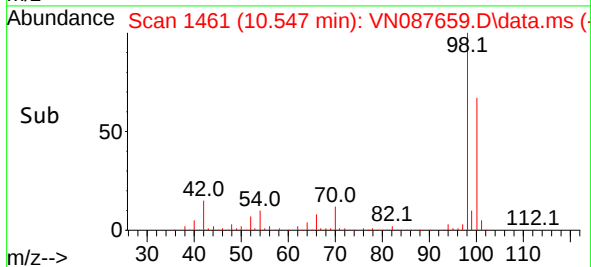
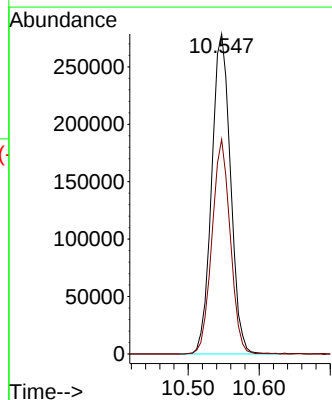
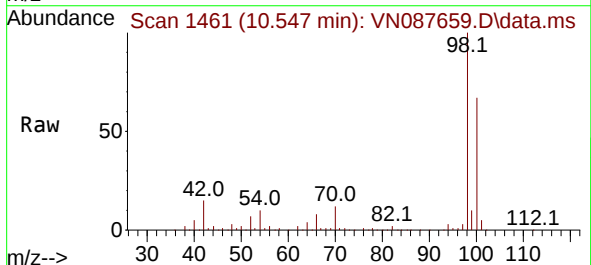
Instrument :
MSVOA_N
ClientSampleId :
MW1

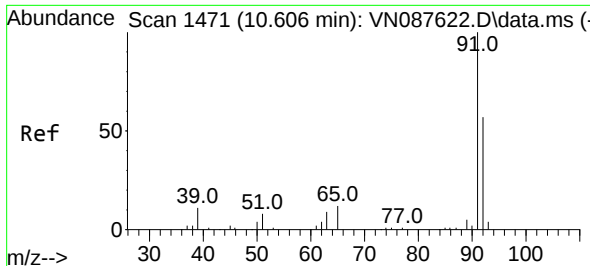
Tgt Ion:113 Resp: 143243
Ion Ratio Lower Upper
113 100
111 104.8 82.8 124.2
192 16.3 12.8 19.2



#50
Toluene-d8
Concen: 47.988 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 98 Resp: 512701
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

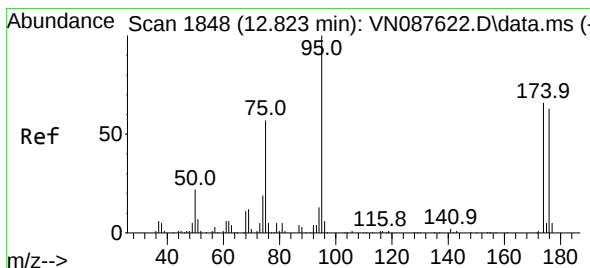
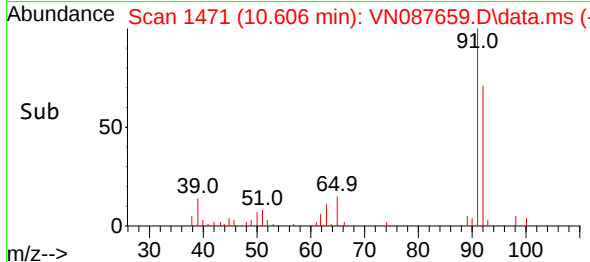
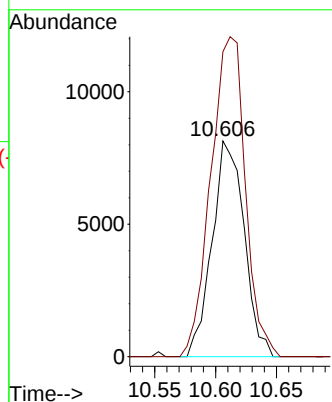
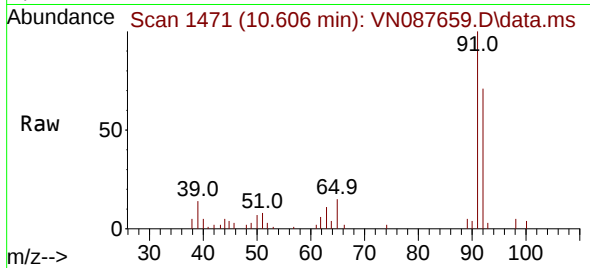




#52
Toluene
Concen: 1.786 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

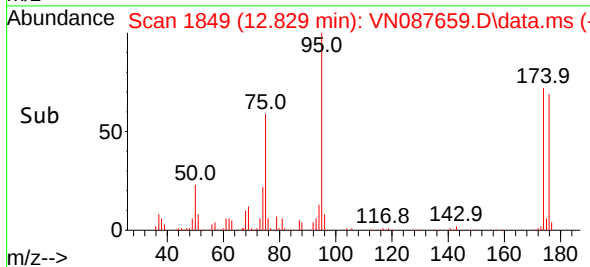
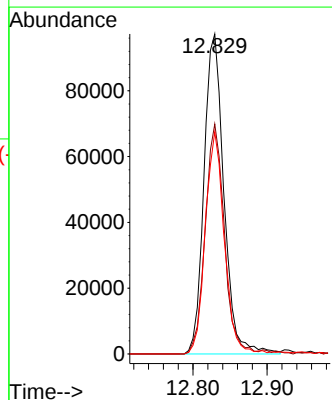
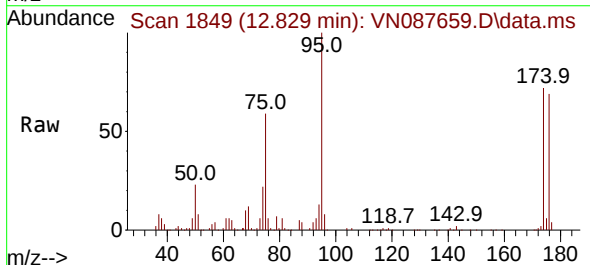
Instrument :
MSVOA_N
ClientSampleId :
MW1

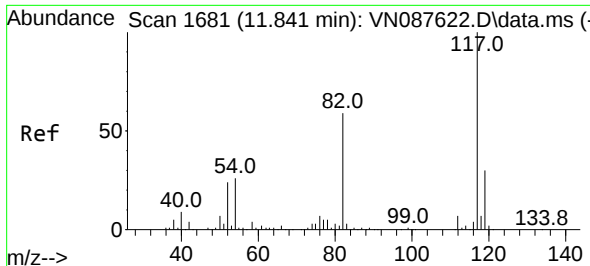
Tgt Ion: 92 Resp: 14874
Ion Ratio Lower Upper
92 100
91 160.2 140.4 210.6



#62
4-Bromofluorobenzene
Concen: 47.761 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 95 Resp: 181471
Ion Ratio Lower Upper
95 100
174 69.0 0.0 138.4
176 66.6 0.0 132.6

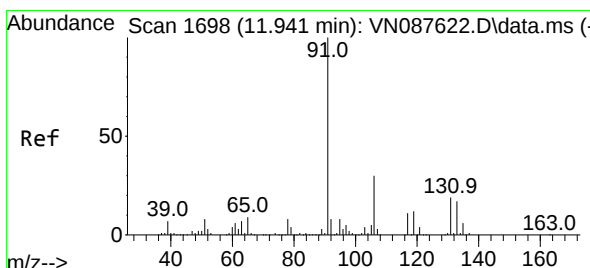
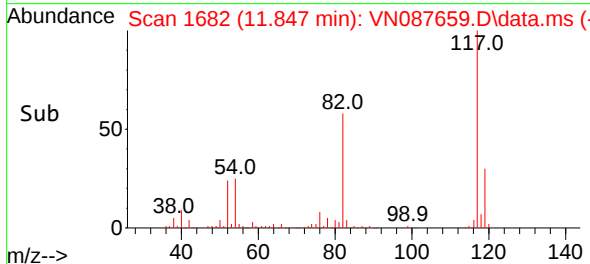
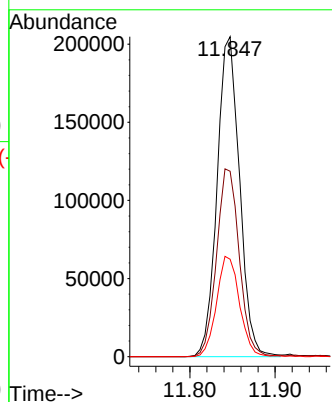
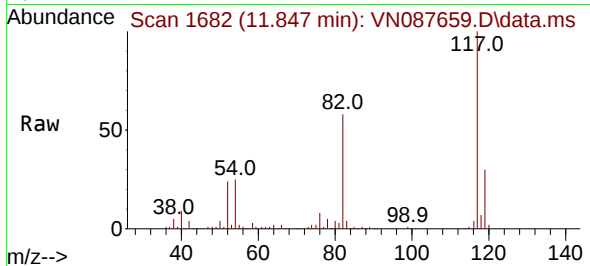




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

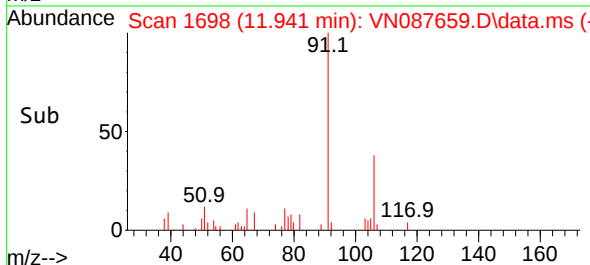
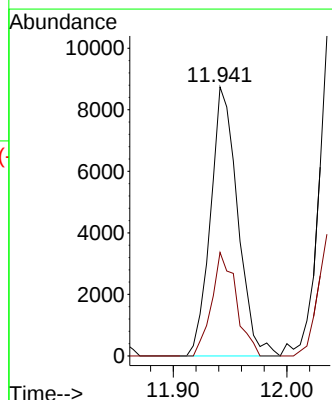
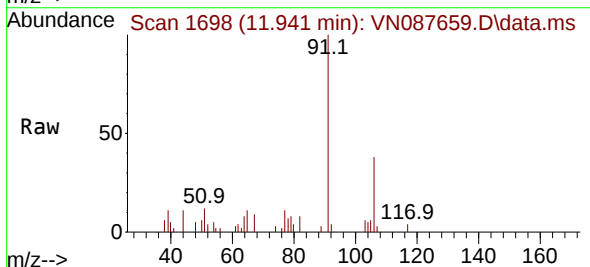
Instrument :
MSVOA_N
ClientSampleId :
MW1

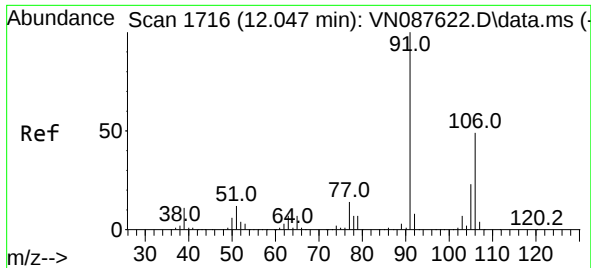
Tgt Ion:117 Resp: 375883
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 30.5 24.3 36.5



#67
Ethyl Benzene
Concen: 0.896 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 91 Resp: 14504
Ion Ratio Lower Upper
91 100
106 38.5 24.1 36.1#

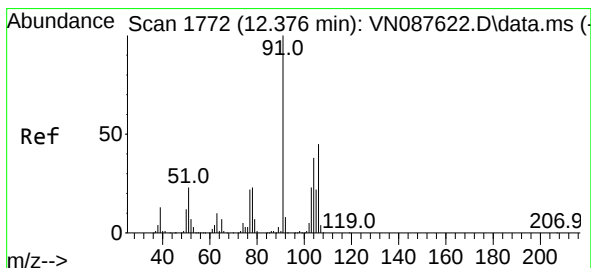
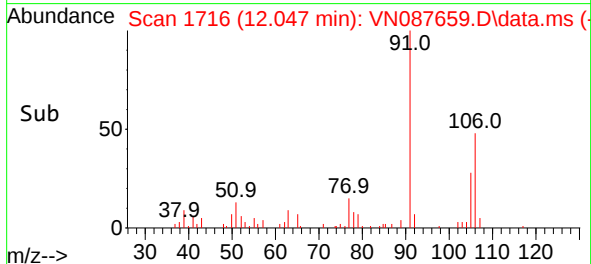
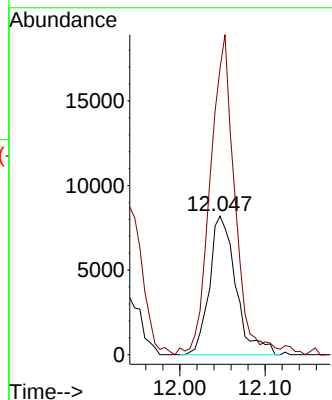
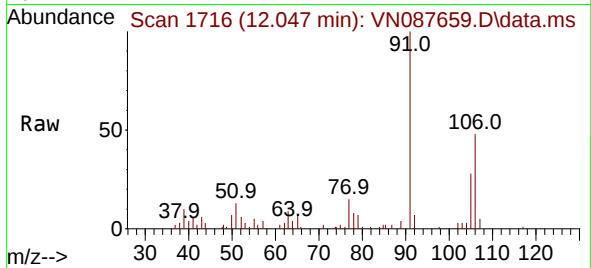




#68
m/p-Xylenes
Concen: 2.979 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

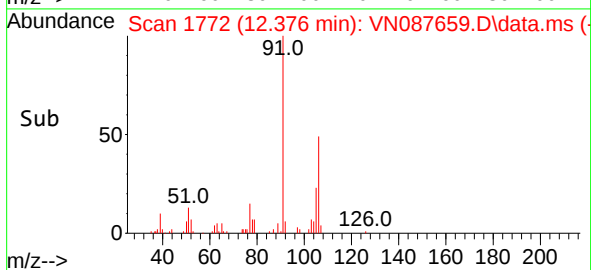
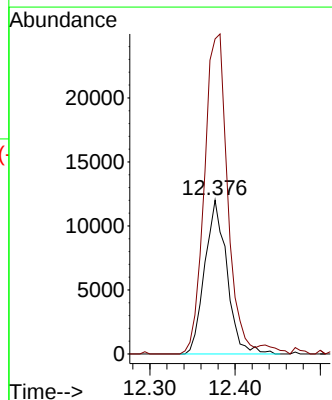
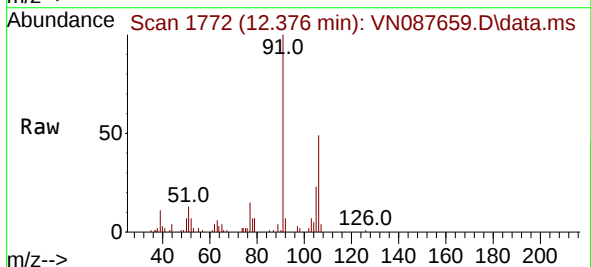
Instrument :
MSVOA_N
ClientSampleId :
MW1

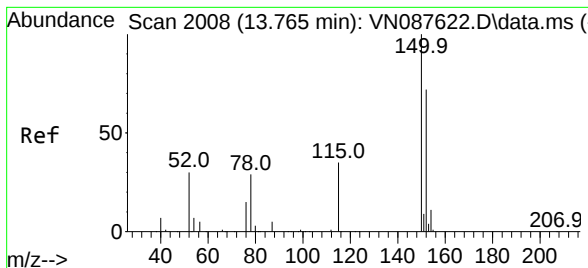
Tgt Ion:106 Resp: 17688
Ion Ratio Lower Upper
106 100
91 213.3 169.3 253.9



#69
o-Xylene
Concen: 3.739 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:106 Resp: 21756
Ion Ratio Lower Upper
106 100
91 216.7 111.4 334.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VN087659.D

Acq: 25 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

MW1

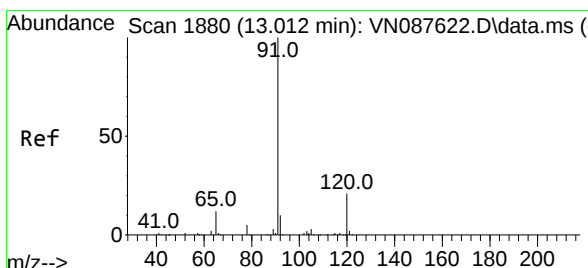
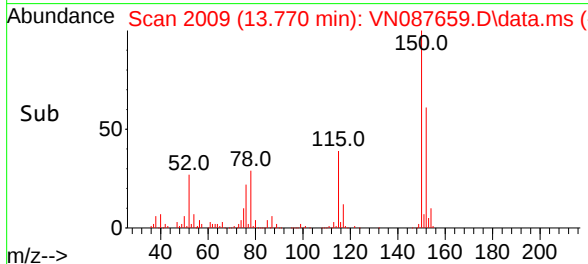
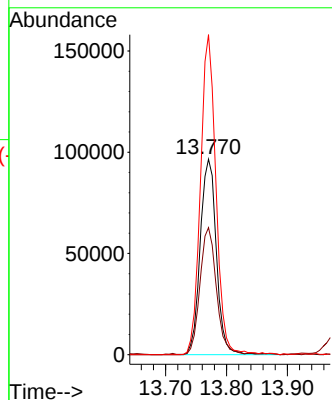
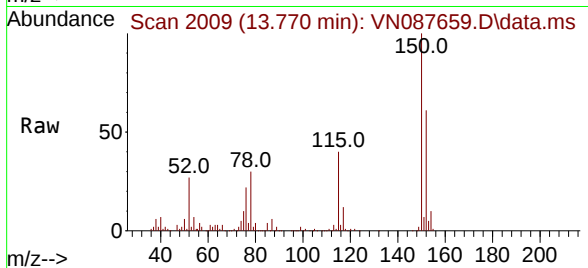
Tgt Ion:152 Resp: 178142

Ion Ratio Lower Upper

152 100

115 65.3 32.3 96.8

150 156.7 0.0 351.0



#78

n-propylbenzene

Concen: 0.359 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN087659.D

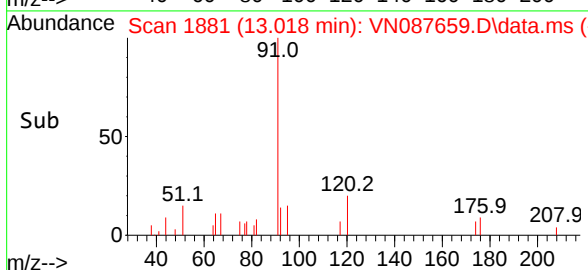
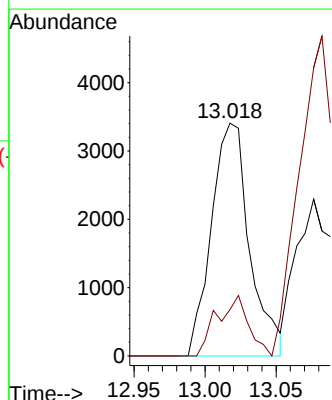
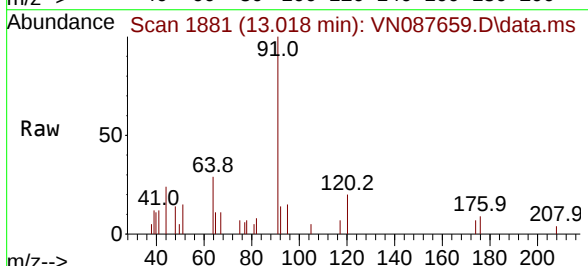
Acq: 25 Aug 2025 15:43

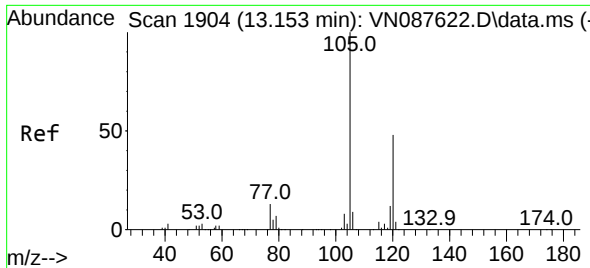
Tgt Ion: 91 Resp: 6367

Ion Ratio Lower Upper

91 100

120 21.5 10.7 32.1

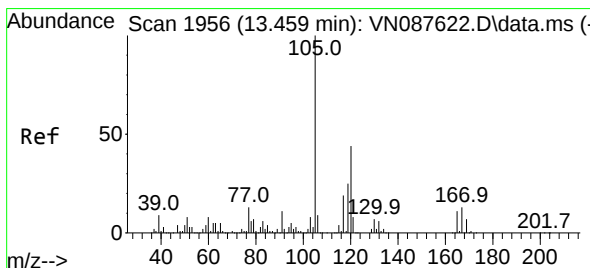
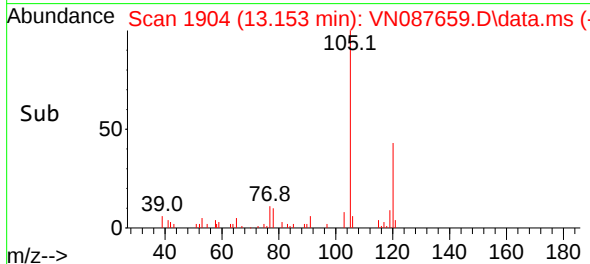
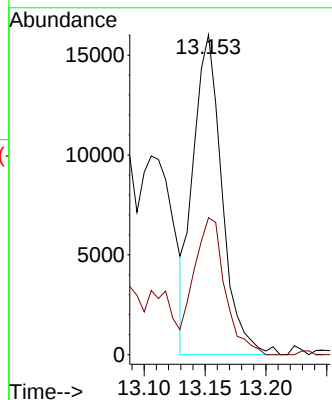
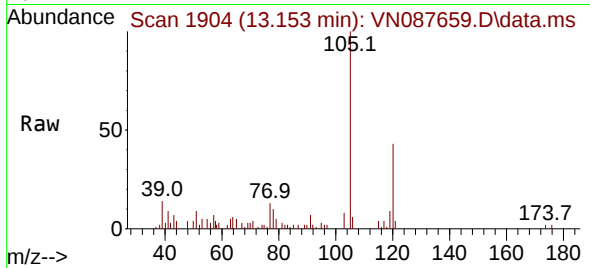




#80
1,3,5-Trimethylbenzene
Concen: 2.173 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 26530
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.6



#84
1,2,4-Trimethylbenzene
Concen: 2.942 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:105 Resp: 35962
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0

