

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087652.D
 Acq On : 25 Aug 2025 13:16
 Operator : JC\MD
 Sample : Q2936-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19B-082125DL

Quant Time: Aug 26 01:33:58 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)

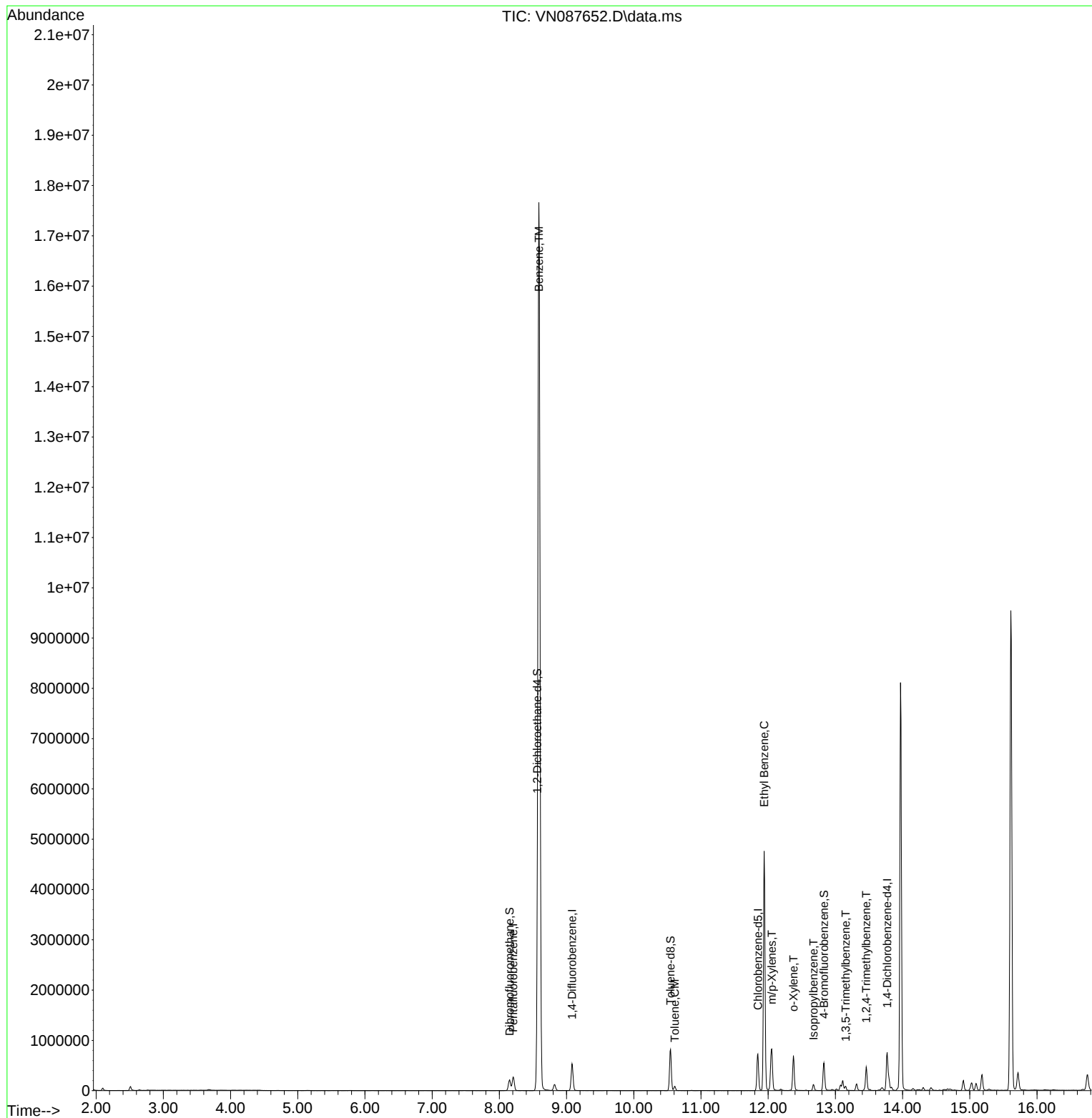
Internal Standards						
1) Pentafluorobenzene	8.206	168	176671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	427727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	385443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	201848	55.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.520%			
35) Dibromofluoromethane	8.153	113	149391	48.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.760%			
50) Toluene-d8	10.547	98	551402	47.705	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.420%			
62) 4-Bromofluorobenzene	12.829	95	196989	47.923	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.840%			
Target Compounds					Qvalue	
40) Benzene	8.588	78	17639391	1213.908	ug/l	99
52) Toluene	10.612	92	34629	3.844	ug/l	97
67) Ethyl Benzene	11.941	91	3410589	205.420	ug/l	100
68) m/p-Xylenes	12.053	106	270429	44.412	ug/l	100
69) o-Xylene	12.376	106	184018	30.838	ug/l	99
73) Isopropylbenzene	12.676	105	79789	5.206	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	45530m	3.502	ug/l	
84) 1,2,4-Trimethylbenzene	13.459	105	268598	20.637	ug/l	98

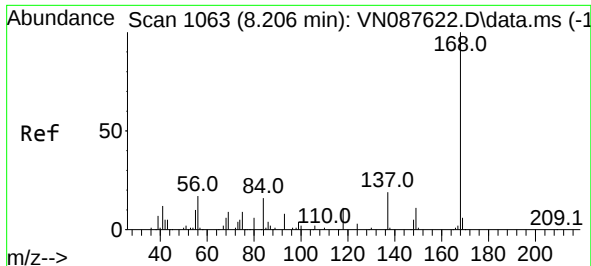
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

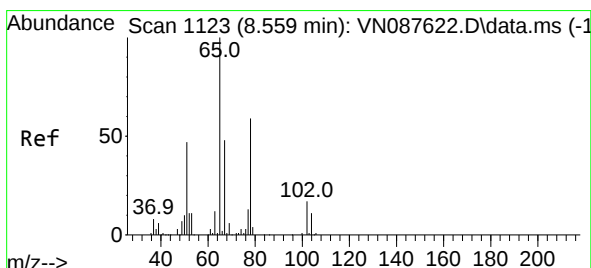
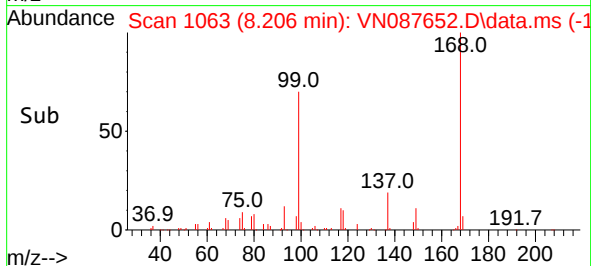
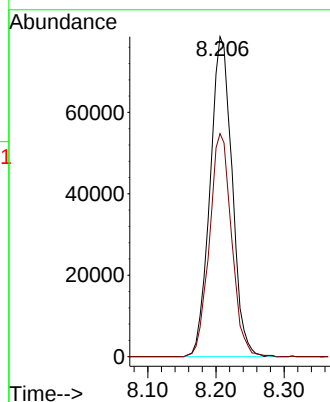
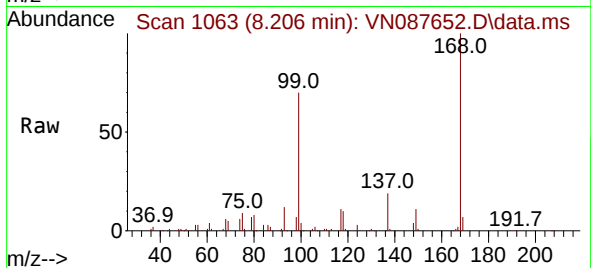




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

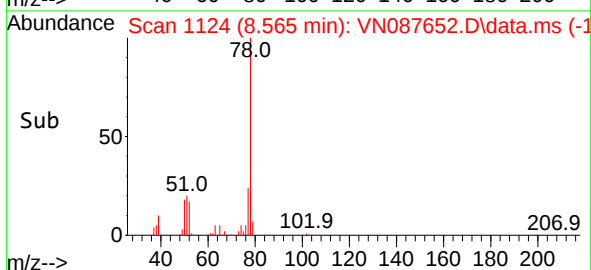
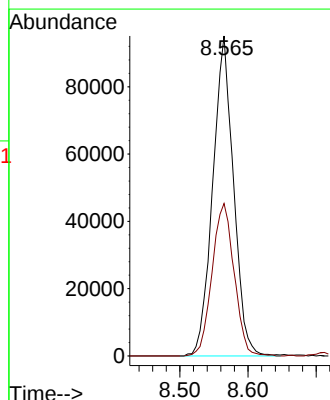
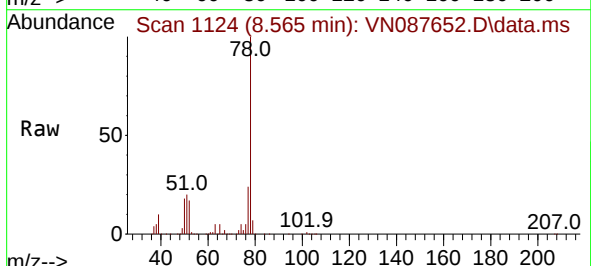
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125DL

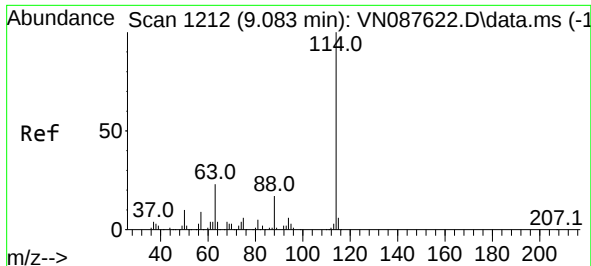
Tgt Ion:168 Resp: 176671
Ion Ratio Lower Upper
168 100
99 69.7 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 55.762 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 65 Resp: 201848
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.0

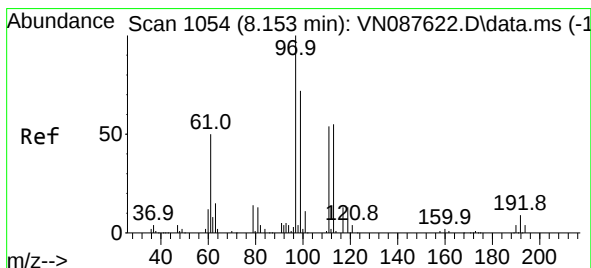
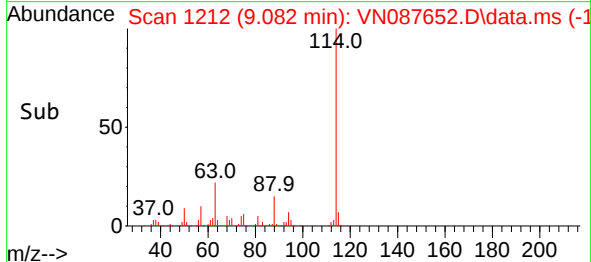
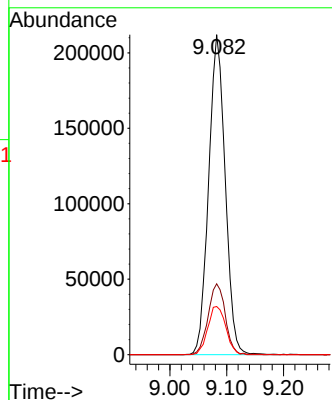
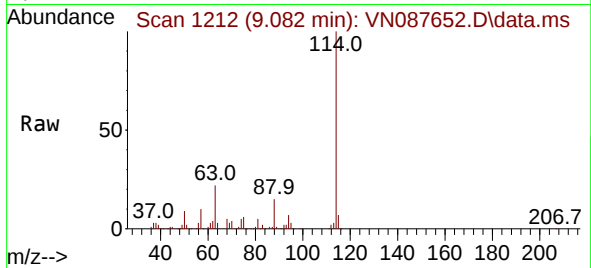




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

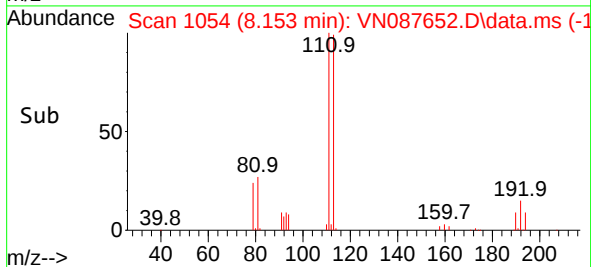
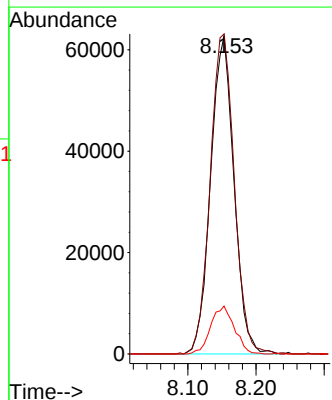
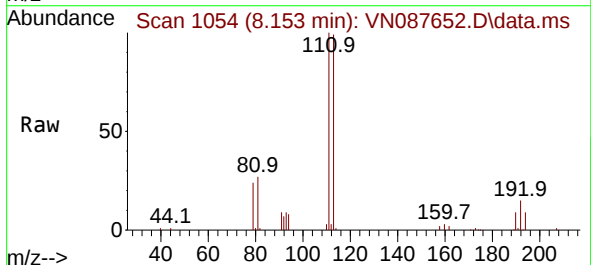
Instrument :
MSVOA_N
ClientSampleId :
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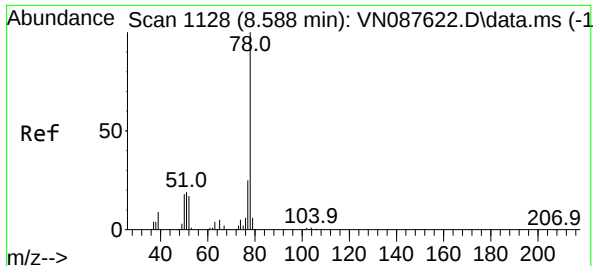
Tgt Ion:114 Resp: 427727
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.2
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:113 Resp: 149391
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 15.3 12.8 19.2

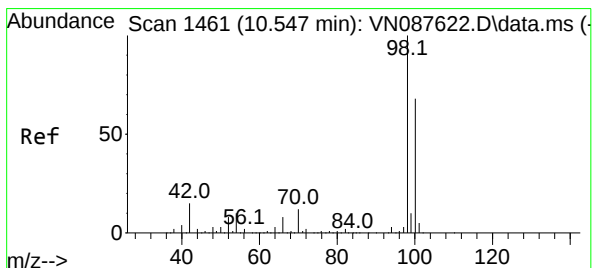
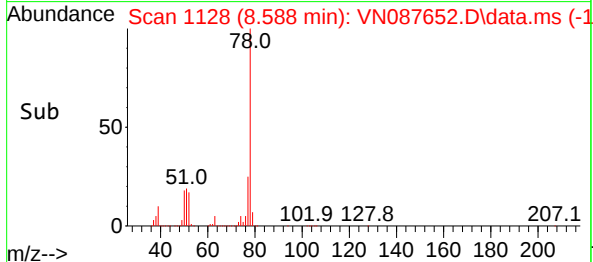
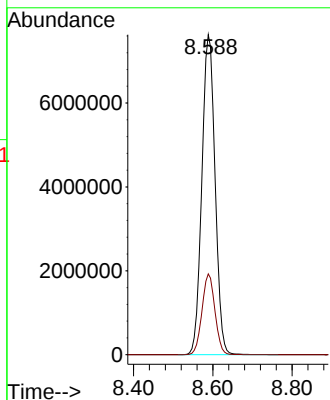
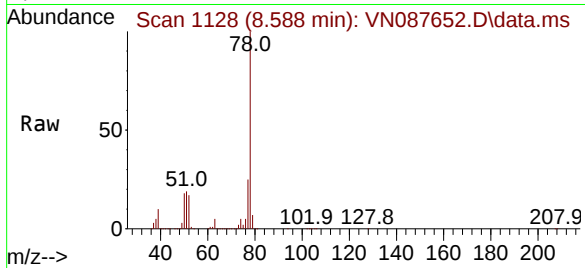




#40
Benzene
Concen: 1213.908 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

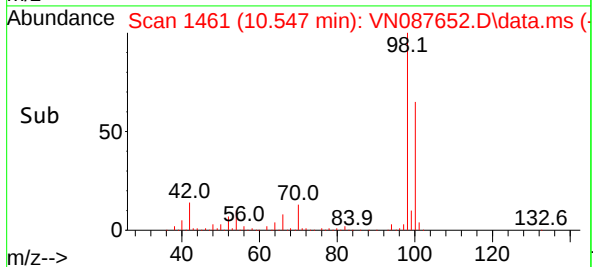
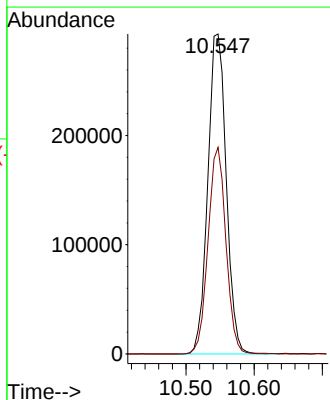
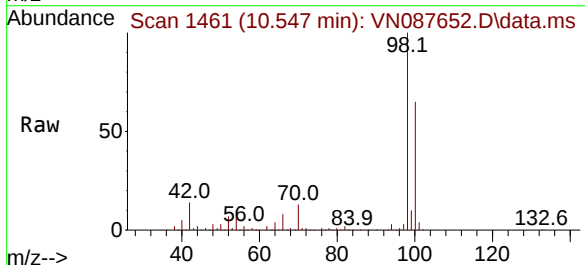
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125DL

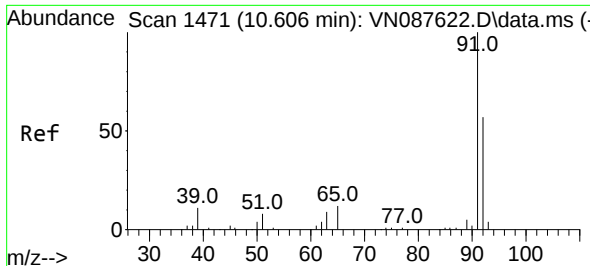
Tgt Ion: 78 Resp:17639391
Ion Ratio Lower Upper
78 100
77 25.3 19.7 29.5



#50
Toluene-d8
Concen: 47.705 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 98 Resp: 551402
Ion Ratio Lower Upper
98 100
100 62.6 52.8 79.2

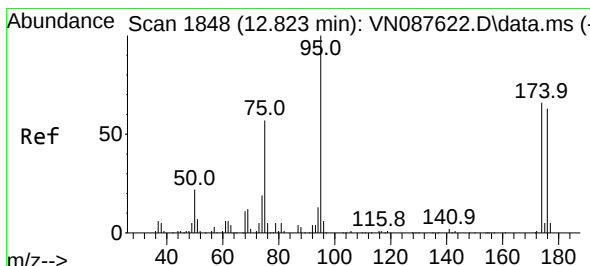
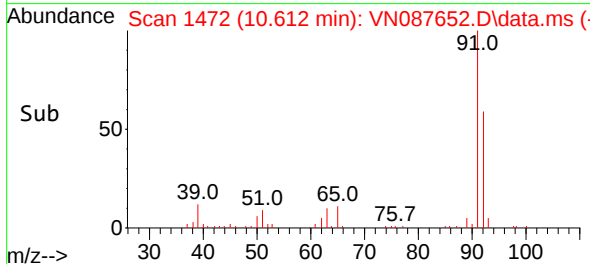
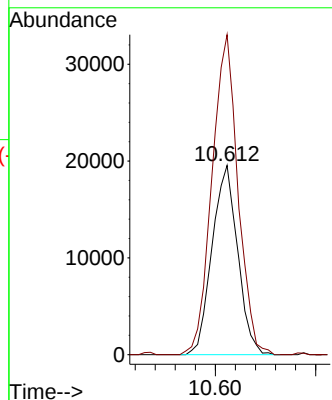
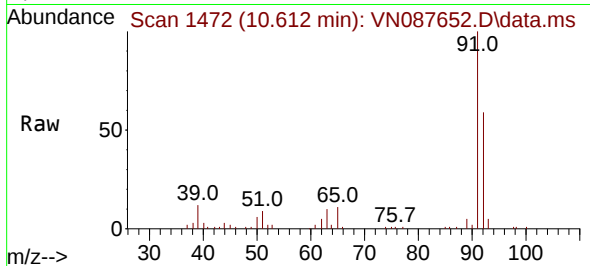




#52
Toluene
Concen: 3.844 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

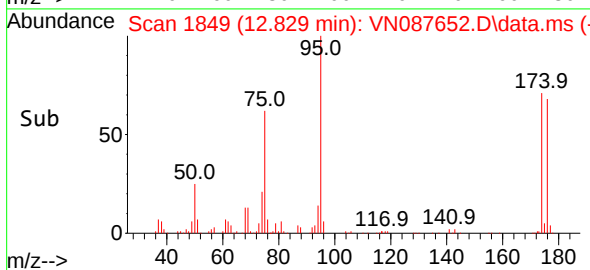
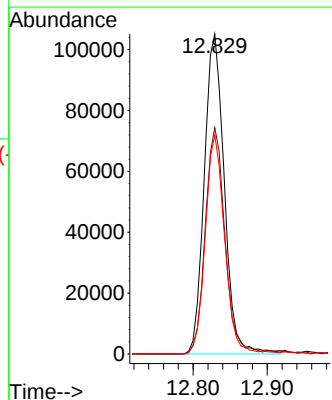
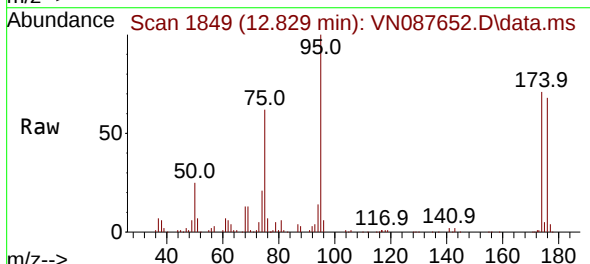
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125DL

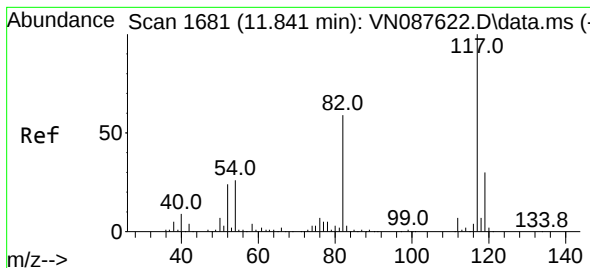
Tgt Ion: 92 Resp: 34629
Ion Ratio Lower Upper
92 100
91 171.6 140.4 210.6



#62
4-Bromofluorobenzene
Concen: 47.923 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 95 Resp: 196989
Ion Ratio Lower Upper
95 100
174 69.4 0.0 138.4
176 66.4 0.0 132.6

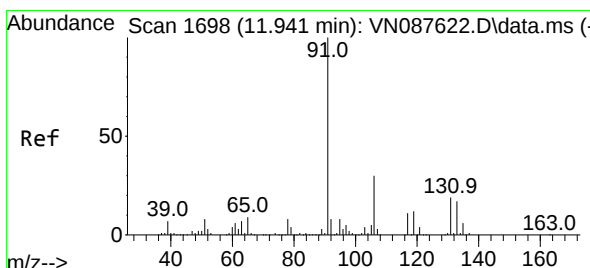
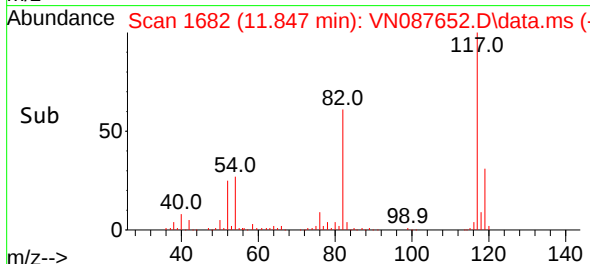
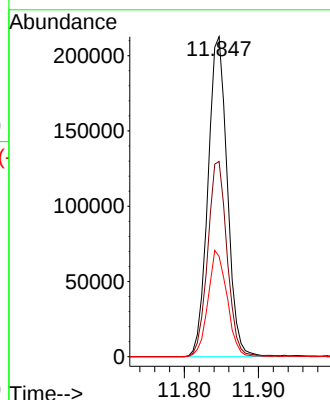
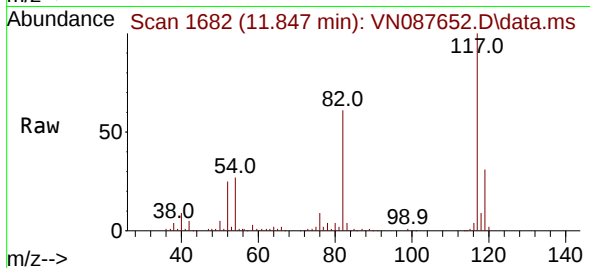




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

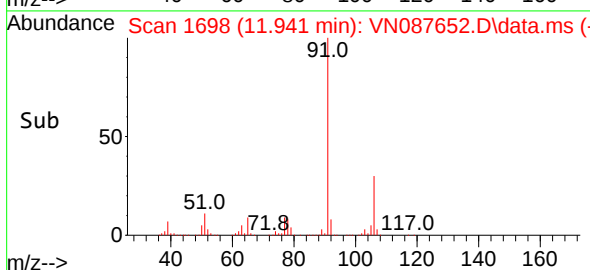
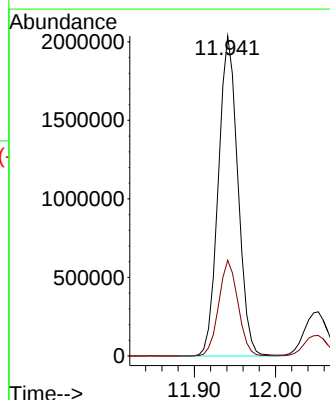
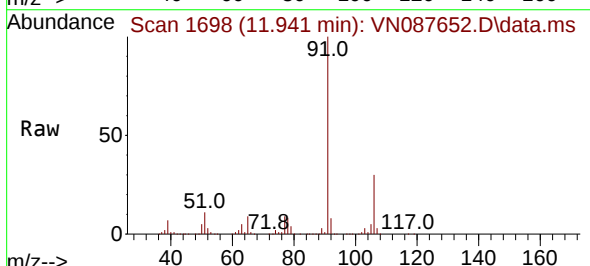
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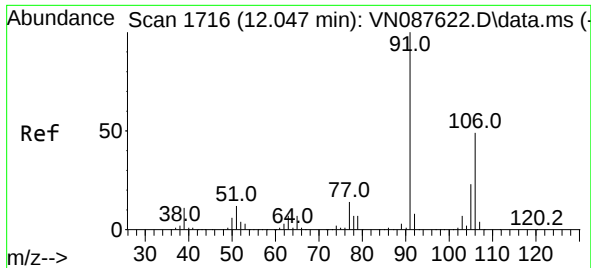
Tgt Ion:117 Resp: 385443
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.3 24.3 36.5



#67
Ethyl Benzene
Concen: 205.420 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion: 91 Resp: 3410589
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

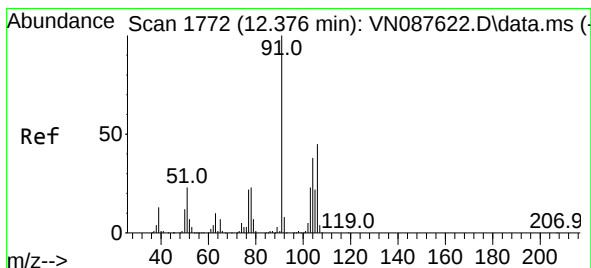
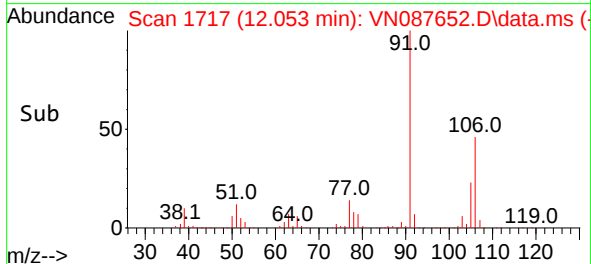
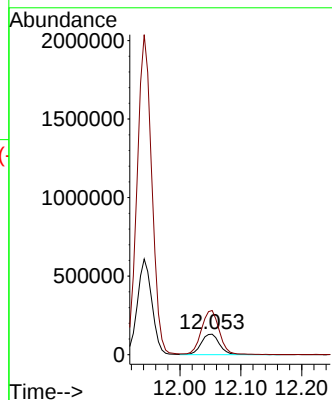
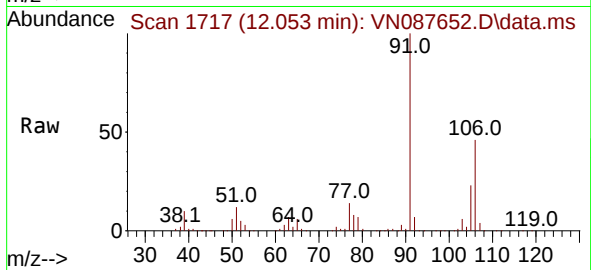




#68
m/p-Xylenes
Concen: 44.412 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

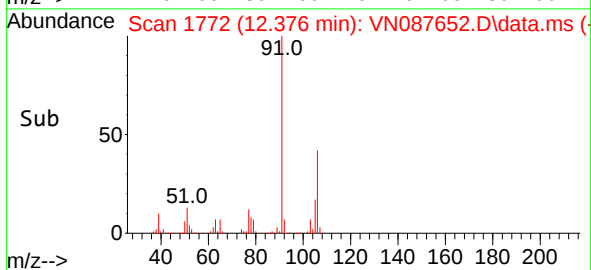
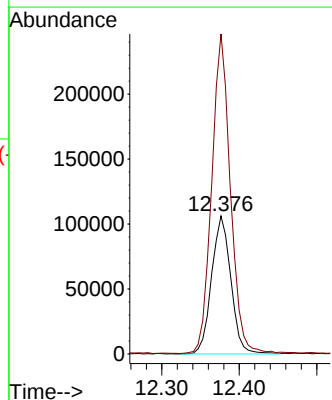
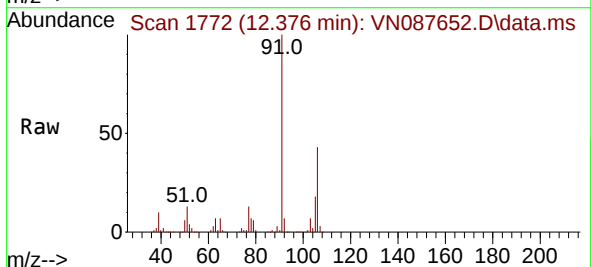
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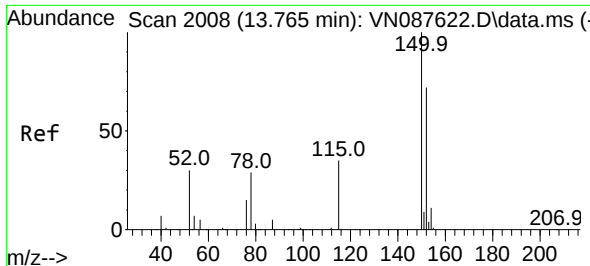
Tgt Ion:106 Resp: 270429
Ion Ratio Lower Upper
106 100
91 212.0 169.3 253.9



#69
o-Xylene
Concen: 30.838 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:106 Resp: 184018
Ion Ratio Lower Upper
106 100
91 224.6 111.4 334.2

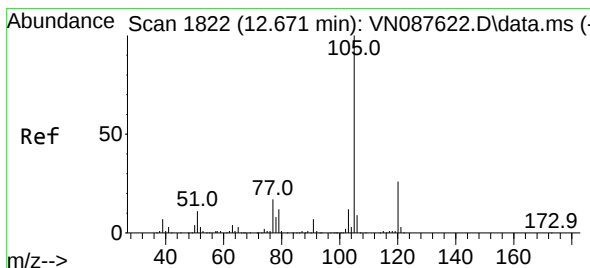
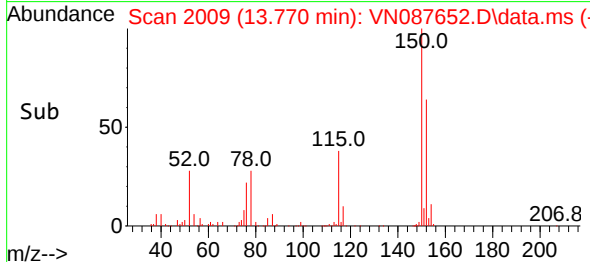
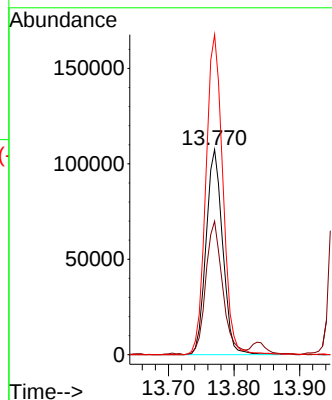
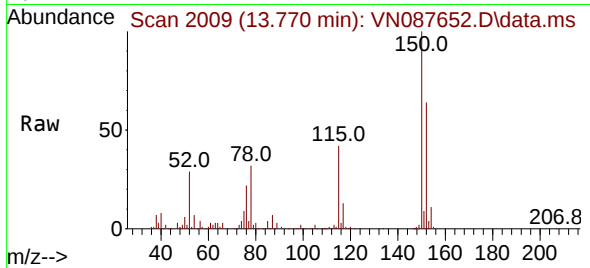




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

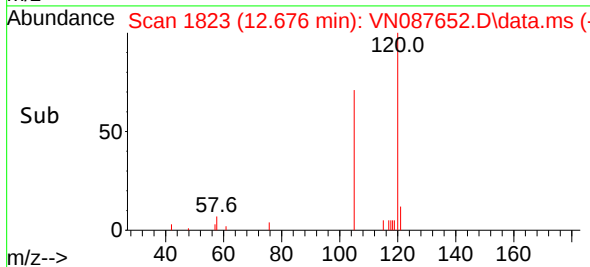
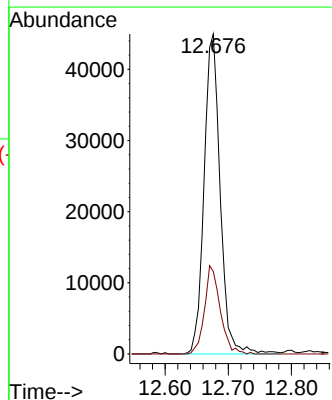
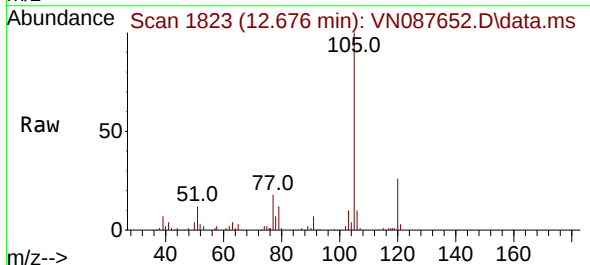
Instrument :
MSVOA_N
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MW-19B-082125DL

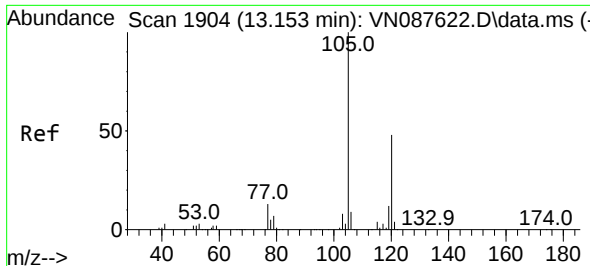
Tgt Ion:152 Resp: 189663
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 159.6 0.0 351.0



#73
Isopropylbenzene
Concen: 5.206 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:105 Resp: 79789
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.3

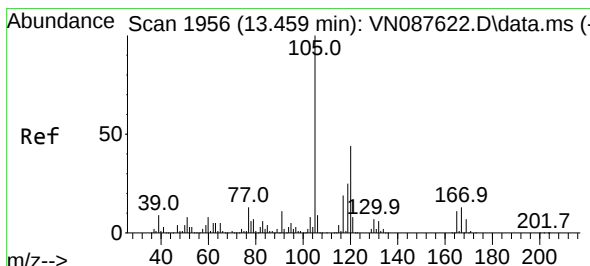
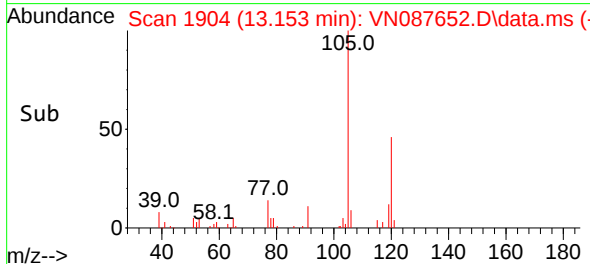
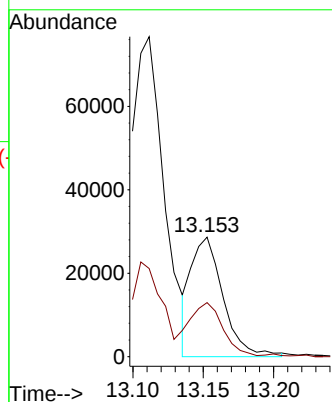
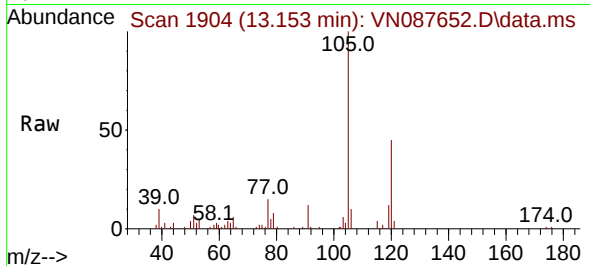




#80
1,3,5-Trimethylbenzene
Concen: 3.502 ug/l m
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125DL

Tgt Ion:105 Resp: 45530
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#84
1,2,4-Trimethylbenzene
Concen: 20.637 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087652.D
Acq: 25 Aug 2025 13:16

Tgt Ion:105 Resp: 268598
Ion Ratio Lower Upper
105 100
120 42.5 22.0 66.0

