

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087559.D
 Acq On : 14 Aug 2025 12:46
 Operator : JC\MD
 Sample : Q2836-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-15-G

Quant Time: Aug 14 15:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

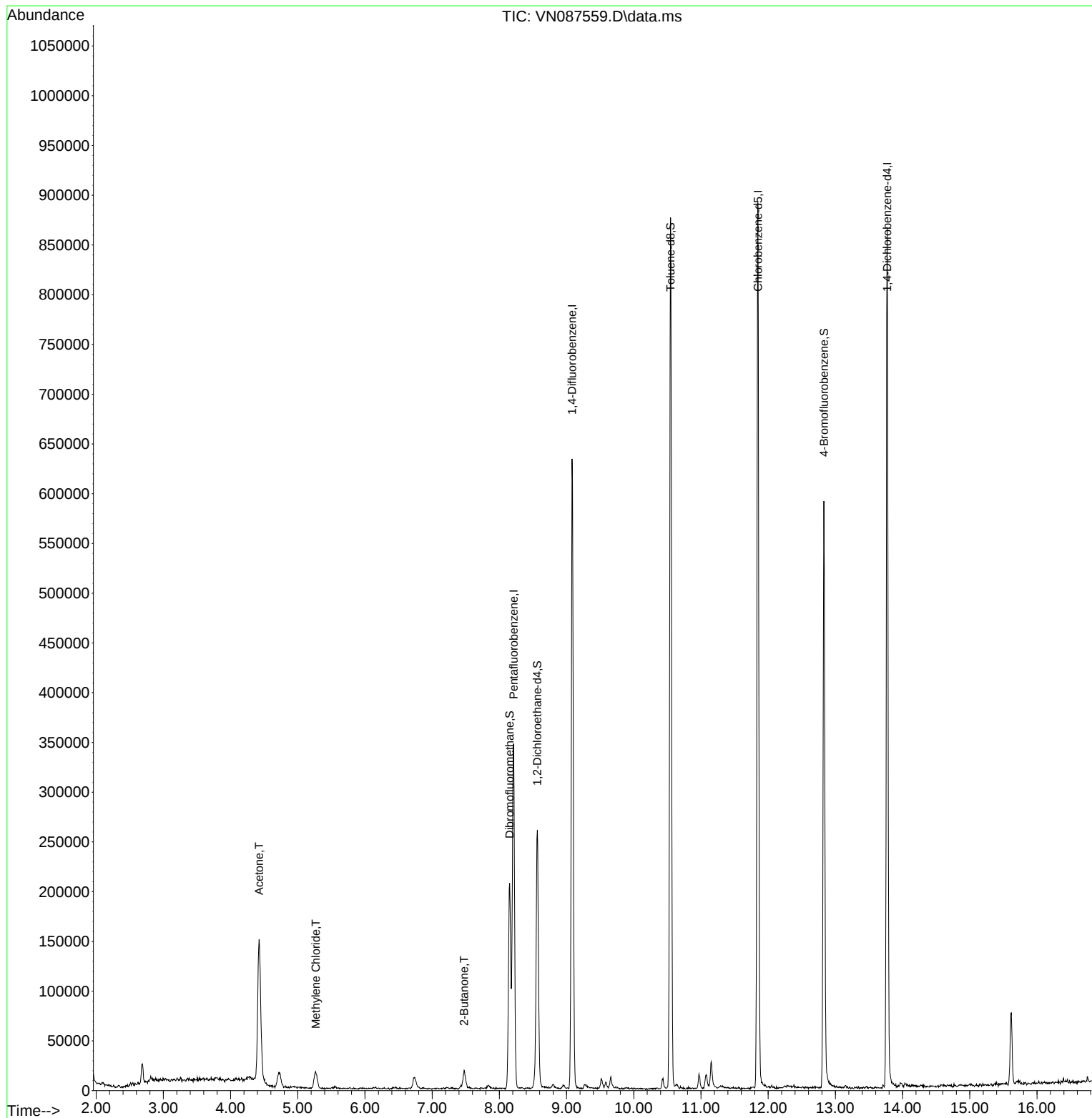
Internal Standards						
1) Pentafluorobenzene	8.212	168	226661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.082	114	511347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	472747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	218306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	218331	56.769	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.540%	
35) Dibromofluoromethane	8.153	113	148290	42.041	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	84.080%	
50) Toluene-d8	10.547	98	578308	45.962	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	91.920%	
62) 4-Bromofluorobenzene	12.829	95	205019	44.104	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.200%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	283576	157.258	ug/l	98
20) Methylene Chloride	5.271	84	11888	3.302	ug/l	# 84
25) 2-Butanone	7.477	43	28655	10.285	ug/l	99

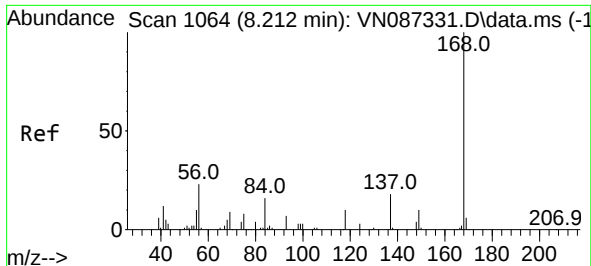
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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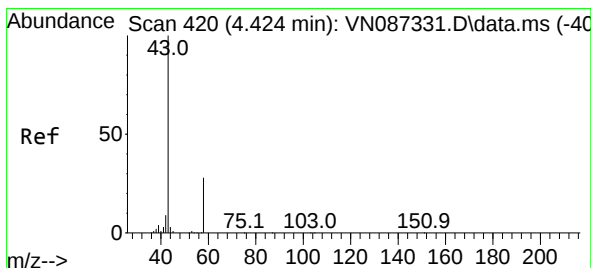
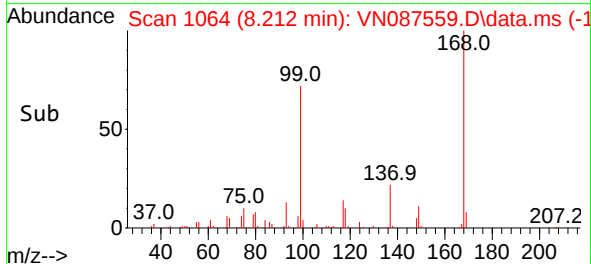
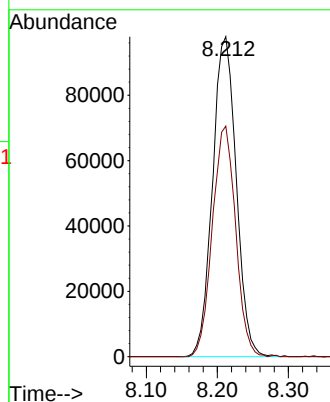
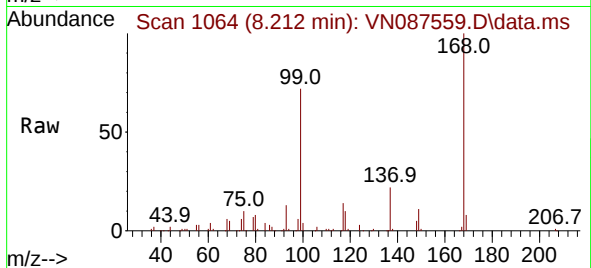




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

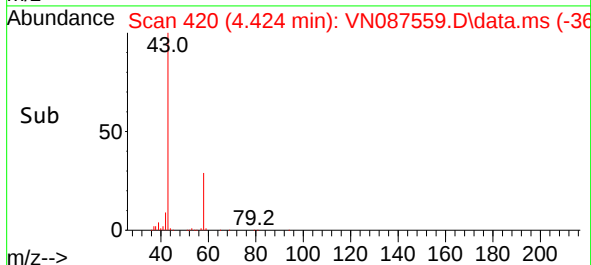
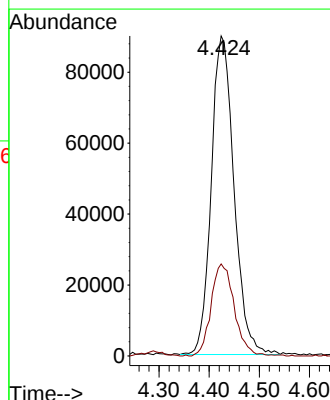
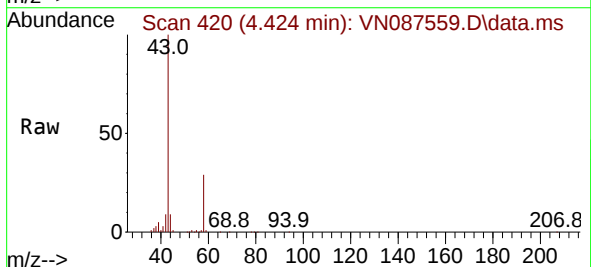
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G

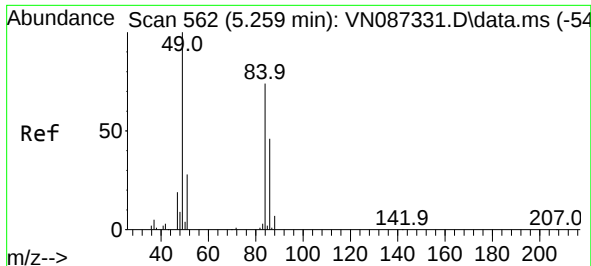
Tgt Ion:168 Resp: 226661
Ion Ratio Lower Upper
168 100
99 72.0 47.9 71.9#



#16
Acetone
Concen: 157.258 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

Tgt Ion: 43 Resp: 283576
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5

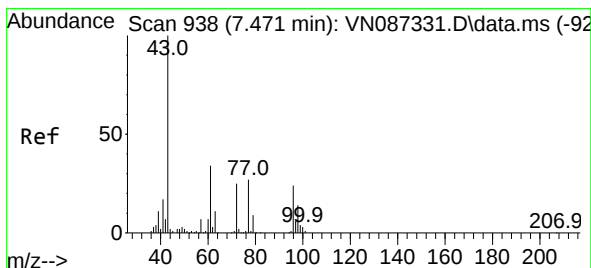
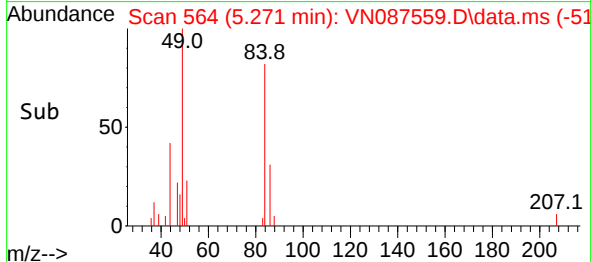
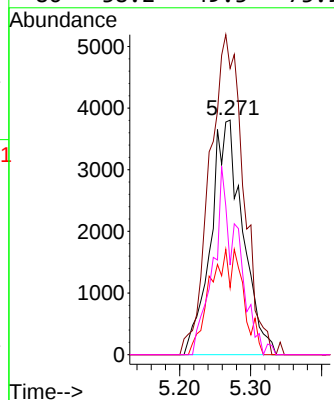
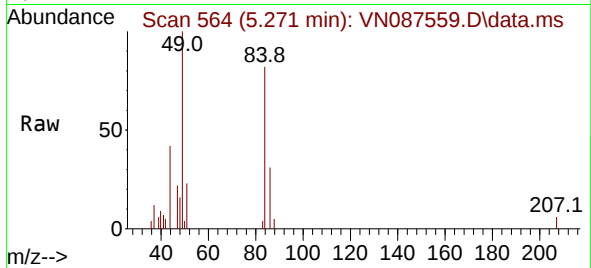




#20
Methylene Chloride
Concen: 3.302 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

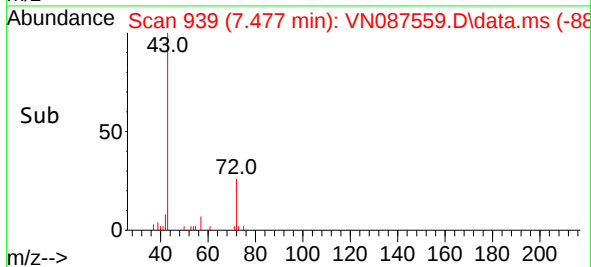
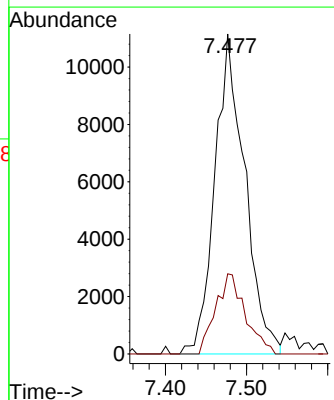
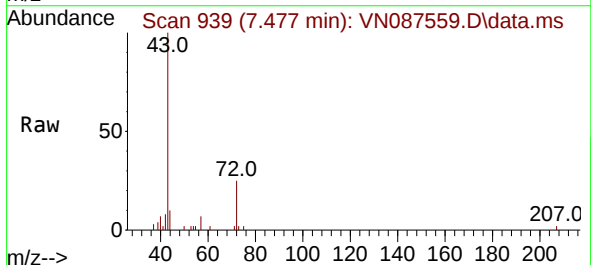
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G

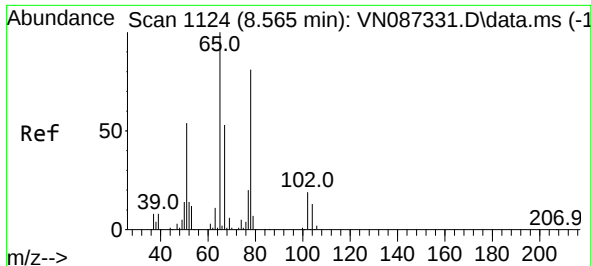
Tgt Ion: 84 Resp: 11888
Ion Ratio Lower Upper
84 100
49 122.0 107.5 161.3
51 28.7 30.2 45.2#
86 38.2 49.3 73.9#



#25
2-Butanone
Concen: 10.285 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

Tgt Ion: 43 Resp: 28655
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4





#33

1,2-Dichloroethane-d4

Concen: 56.769 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087559.D

Acq: 14 Aug 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

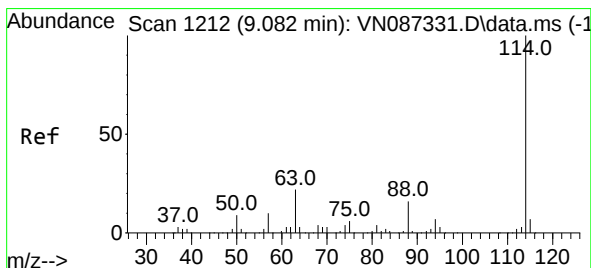
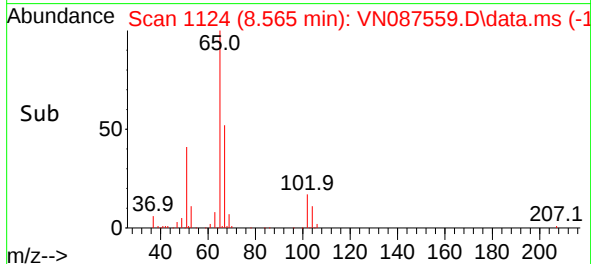
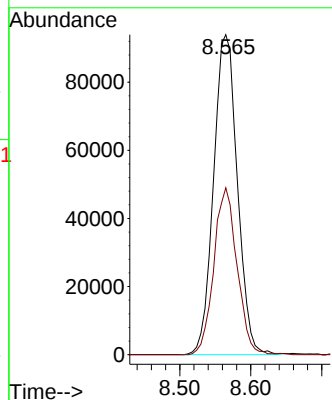
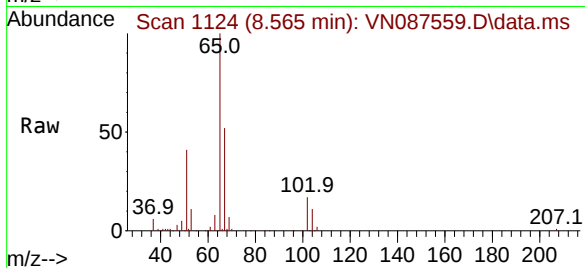
WC-A2-15-G

Tgt Ion: 65 Resp: 218331

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087559.D

Acq: 14 Aug 2025 12:46

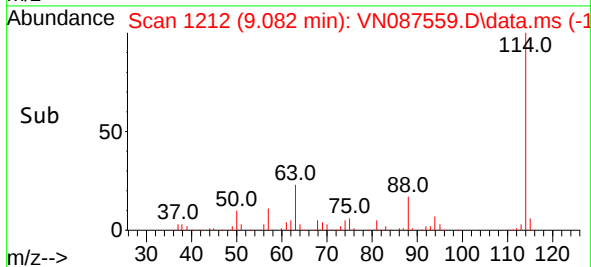
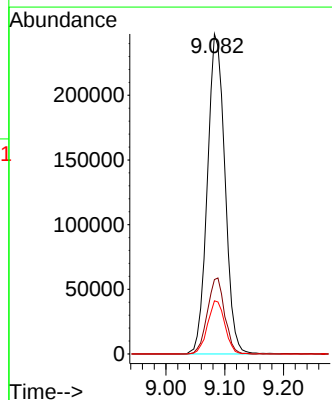
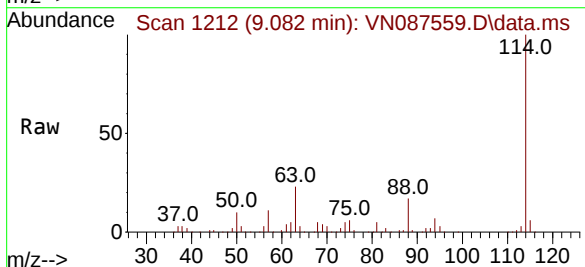
Tgt Ion: 114 Resp: 511347

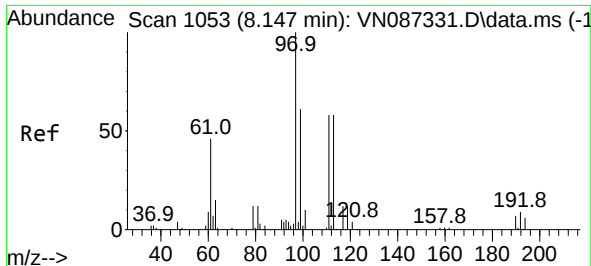
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.6 0.0 32.8

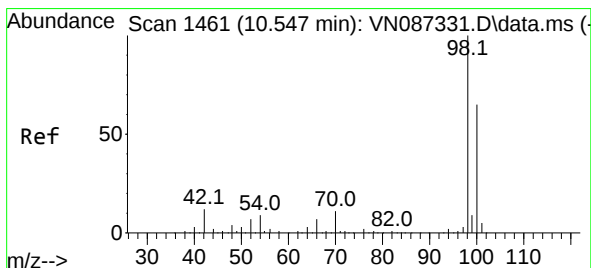
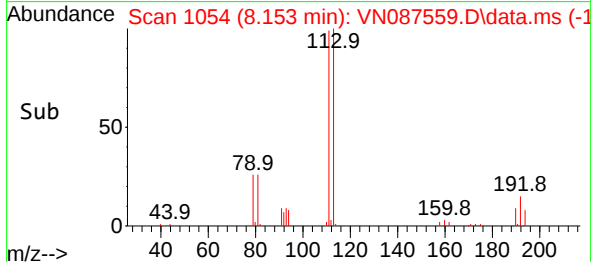
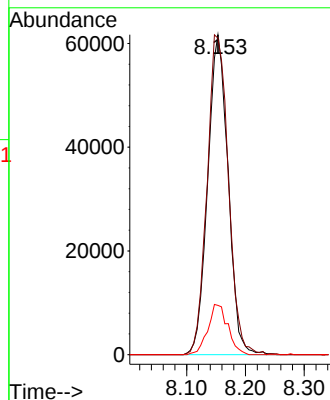
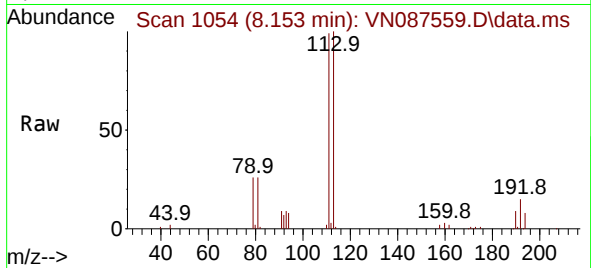




#35
Dibromofluoromethane
Concen: 42.041 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

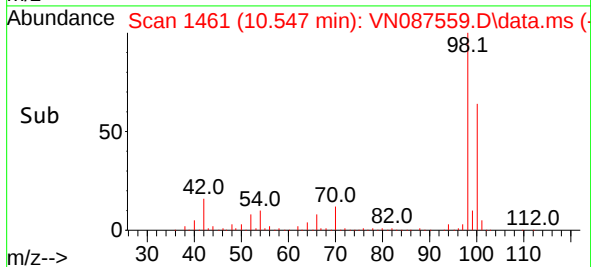
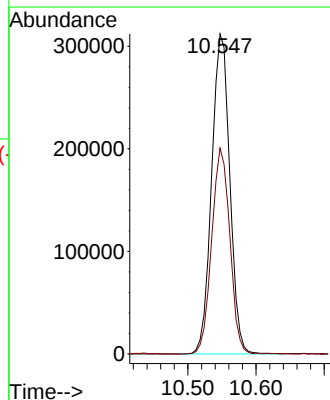
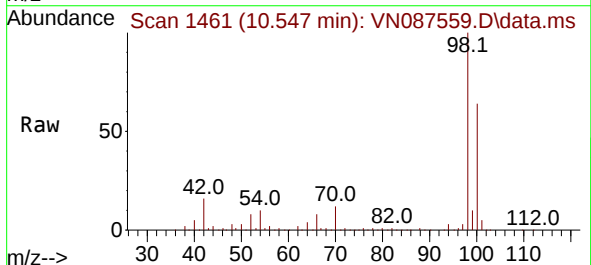
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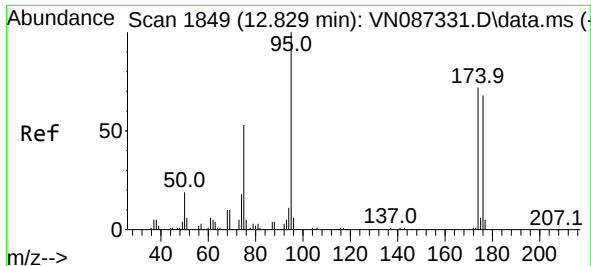
Tgt Ion:113 Resp: 148290
Ion Ratio Lower Upper
113 100
111 104.8 82.5 123.7
192 15.4 13.7 20.5



#50
Toluene-d8
Concen: 45.962 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

Tgt Ion: 98 Resp: 578308
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

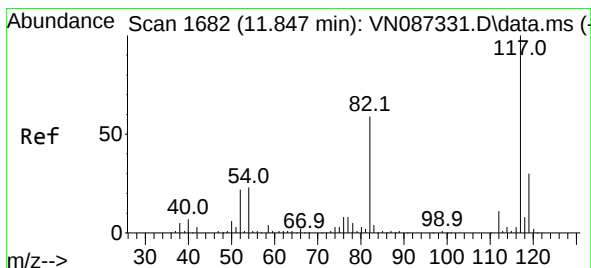
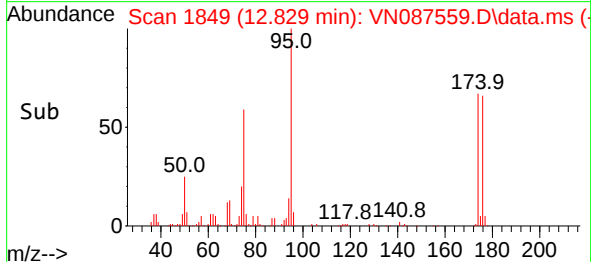
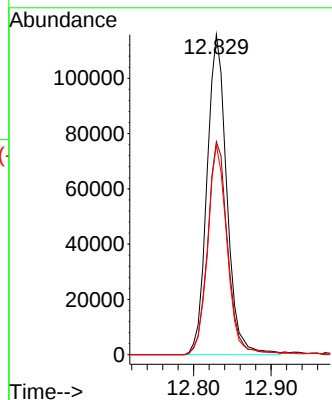
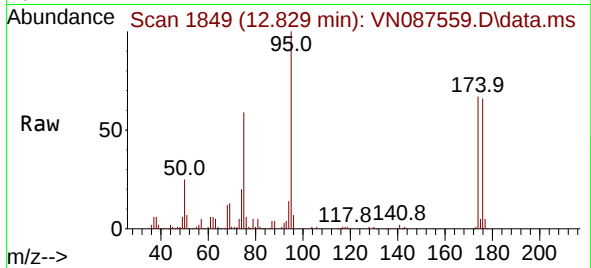




#62
4-Bromofluorobenzene
Concen: 44.104 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

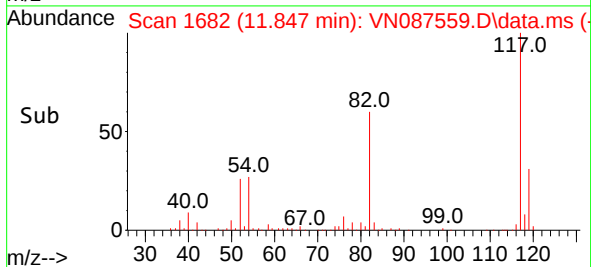
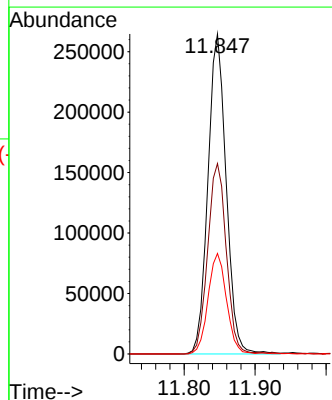
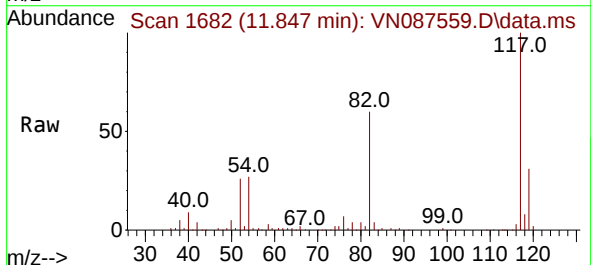
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WC-A2-15-G

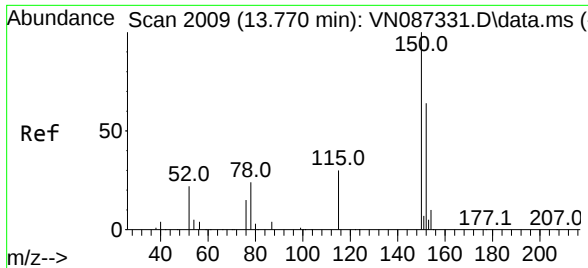
Tgt Ion: 95 Resp: 205019
Ion Ratio Lower Upper
95 100
174 67.5 0.0 149.4
176 64.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087559.D
Acq: 14 Aug 2025 12:46

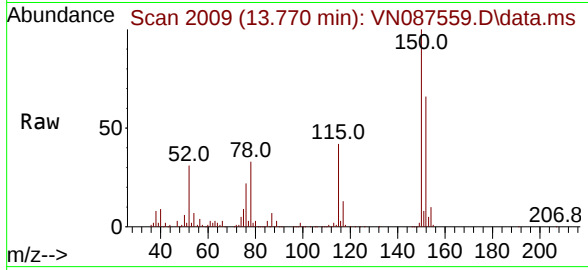
Tgt Ion: 117 Resp: 472747
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.4 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087559.D
 Acq: 14 Aug 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-15-G



Tgt Ion:	152	Resp:	218306
Ion Ratio	Lower	Upper	
152	100		
115	65.5	31.1	93.5
150	157.9	0.0	349.0

