

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087561.D
 Acq On : 14 Aug 2025 13:30
 Operator : JC\MD
 Sample : Q2836-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-17-G

Quant Time: Aug 14 15:24:50 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)

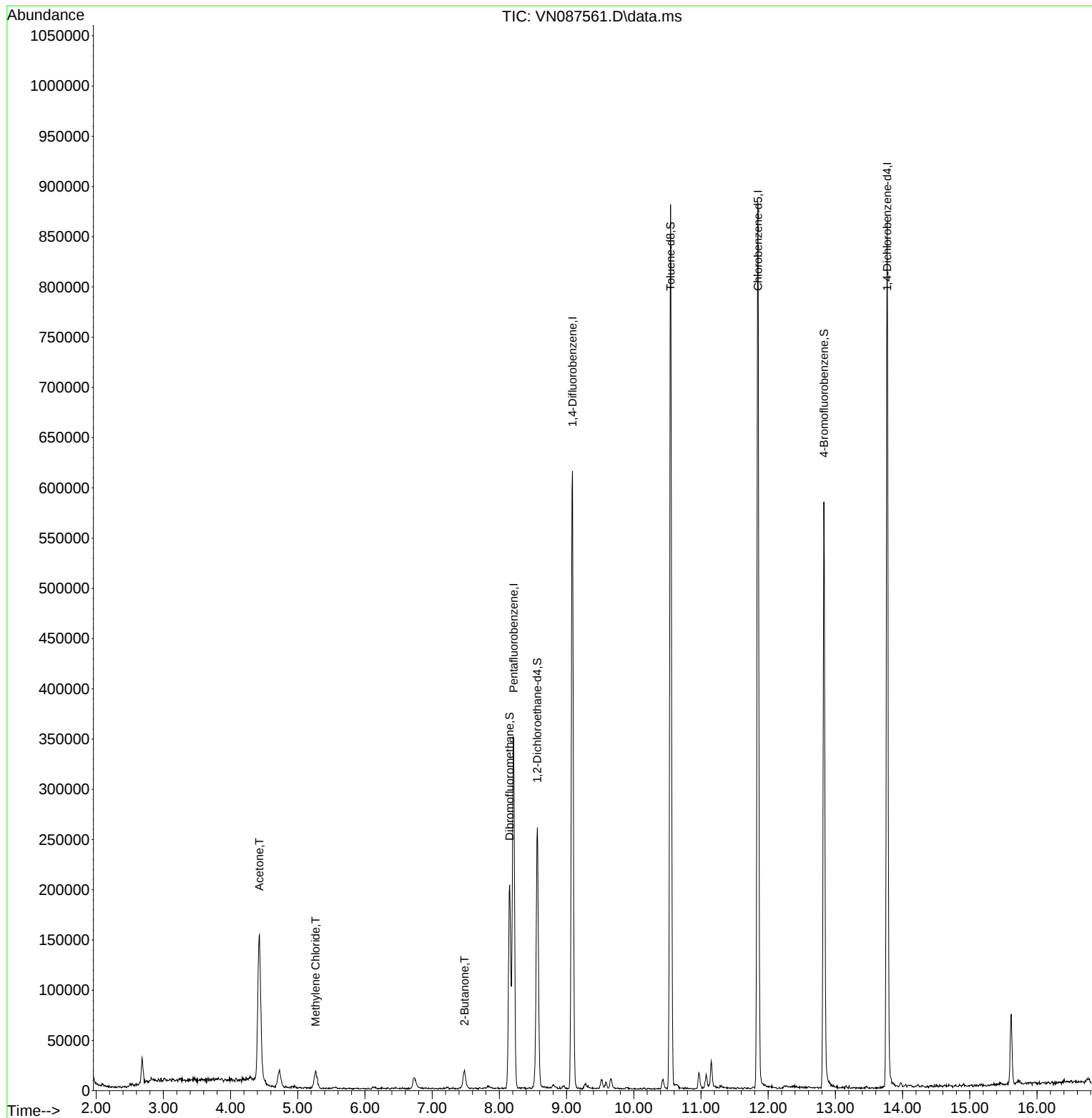
Internal Standards						
1) Pentafluorobenzene	8.212	168	230973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	508871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	471064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	213171	54.393	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.780%		
35) Dibromofluoromethane	8.153	113	145808	41.538	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 83.080%		
50) Toluene-d8	10.547	98	566852	45.271	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 90.540%		
62) 4-Bromofluorobenzene	12.829	95	200634	43.371	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.740%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	292163	158.995	ug/l	99
20) Methylene Chloride	5.265	84	12540	3.441	ug/l	94
25) 2-Butanone	7.483	43	31177	10.981	ug/l #	88

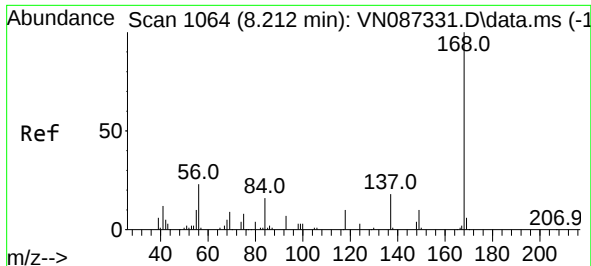
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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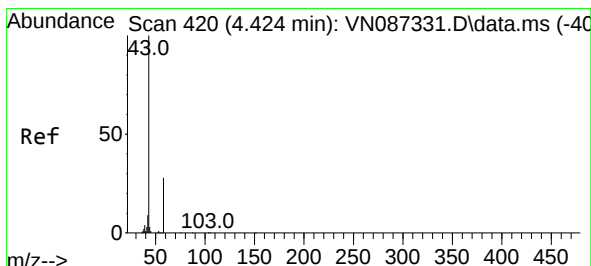
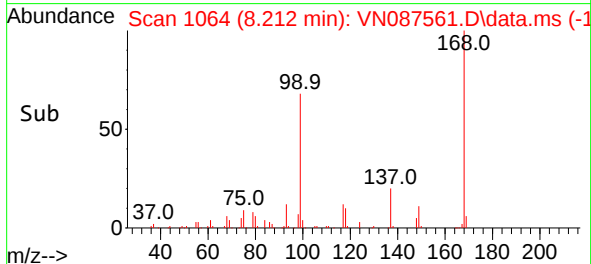
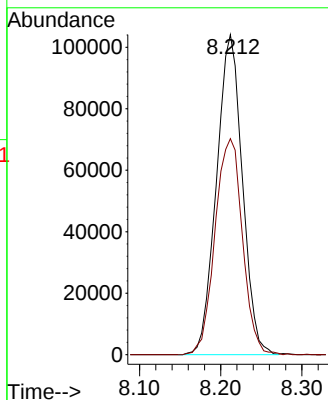
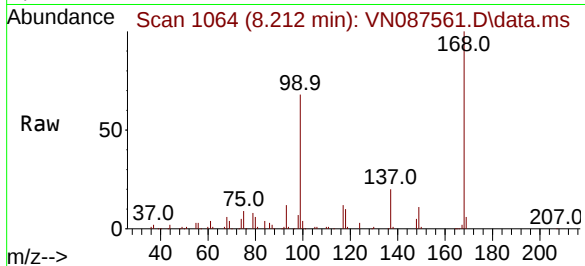




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

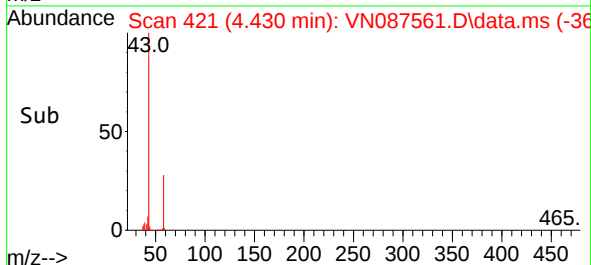
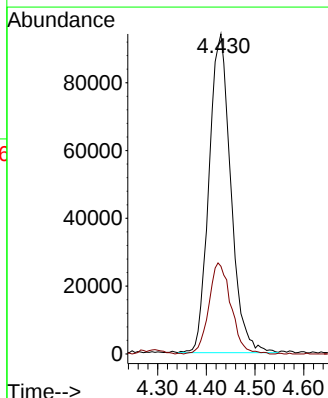
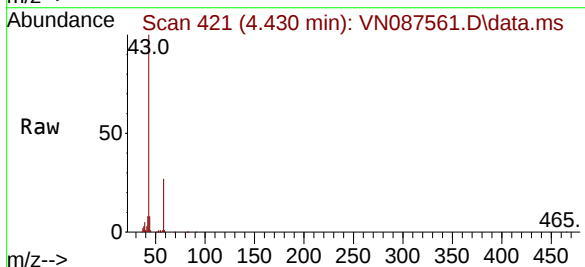
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-17-G

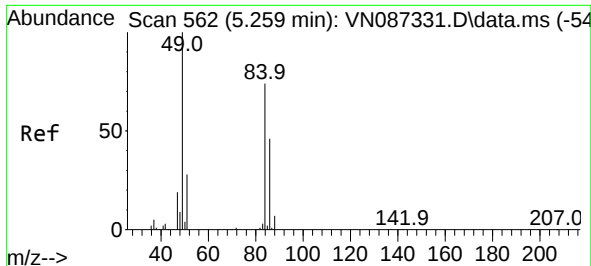
Tgt Ion:168 Resp: 230973
Ion Ratio Lower Upper
168 100
99 67.5 47.9 71.9



#16
Acetone
Concen: 158.995 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

Tgt Ion: 43 Resp: 292163
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

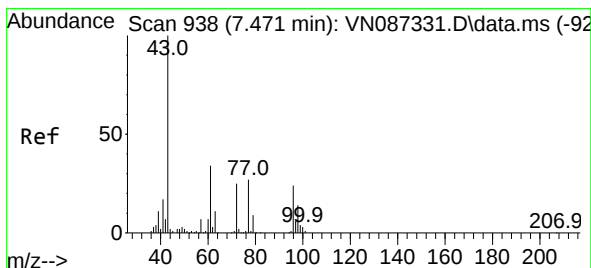
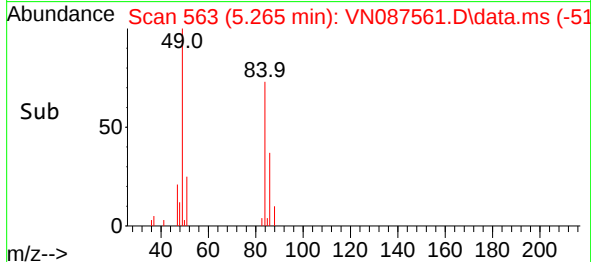
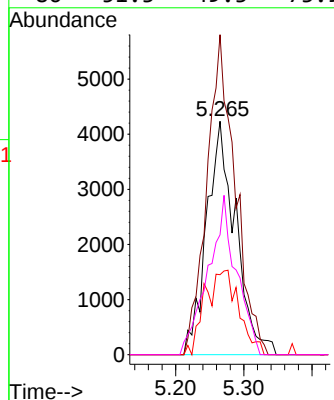
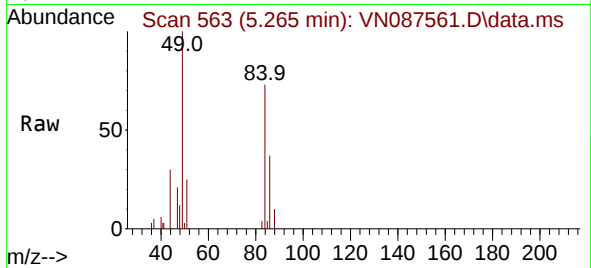




#20
Methylene Chloride
Concen: 3.441 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

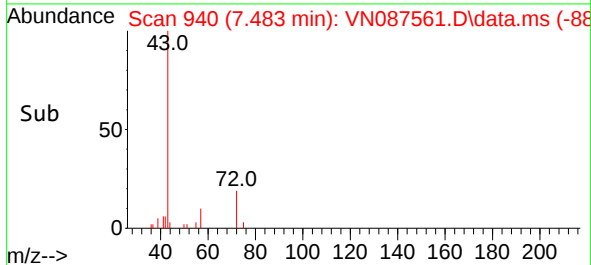
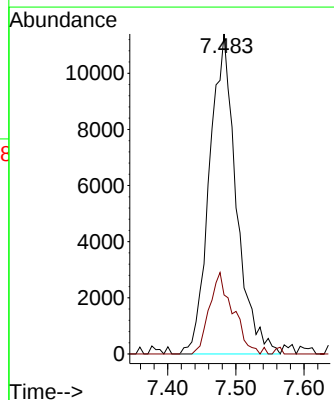
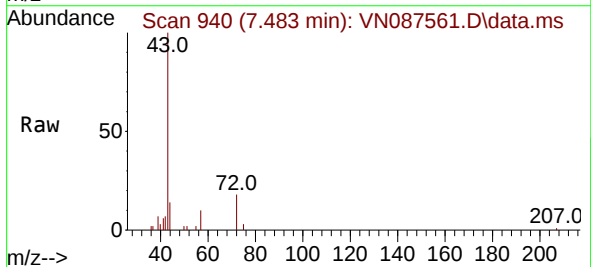
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-17-G

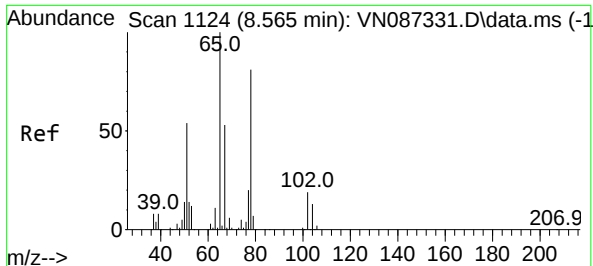
Tgt Ion:	84	Resp:	12540
Ion	Ratio	Lower	Upper
84	100		
49	137.1	107.5	161.3
51	34.3	30.2	45.2
86	51.3	49.3	73.9



#25
2-Butanone
Concen: 10.981 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

Tgt Ion:	43	Resp:	31177
Ion	Ratio	Lower	Upper
43	100		
72	18.5	19.6	29.4#





#33

1,2-Dichloroethane-d4

Concen: 54.393 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087561.D

Acq: 14 Aug 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

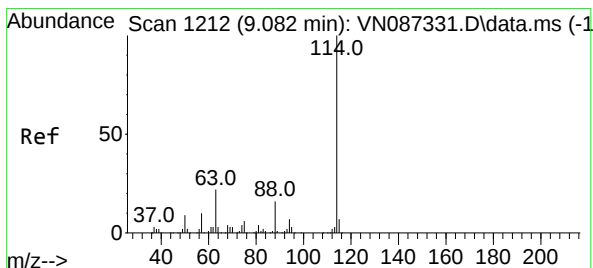
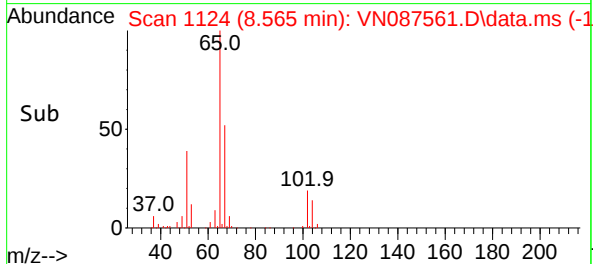
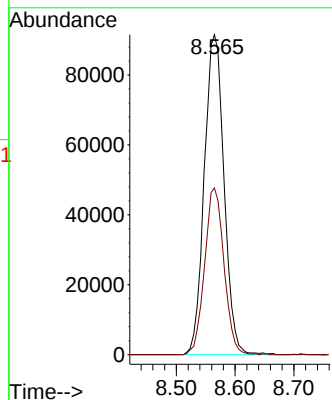
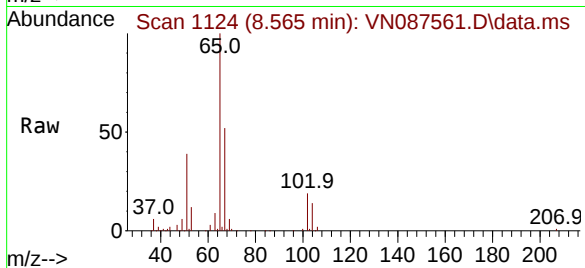
WC-A2-17-G

Tgt Ion: 65 Resp: 213171

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087561.D

Acq: 14 Aug 2025 13:30

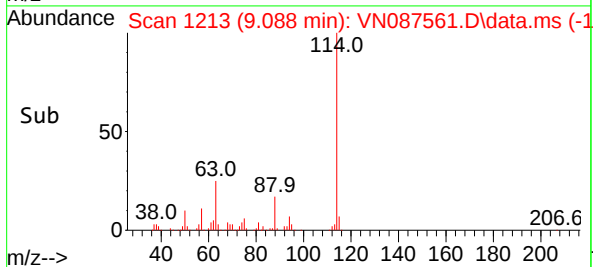
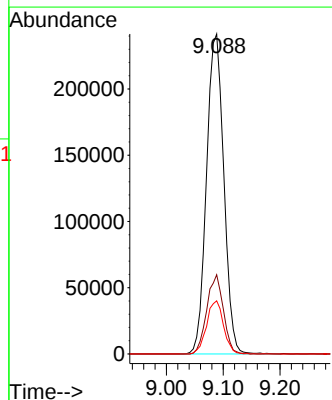
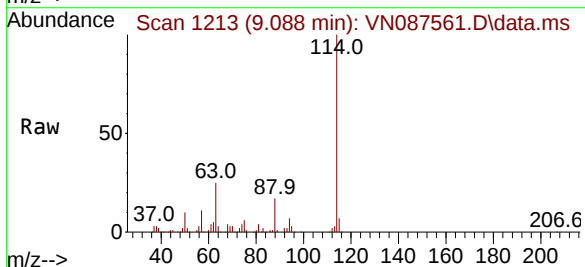
Tgt Ion: 114 Resp: 508871

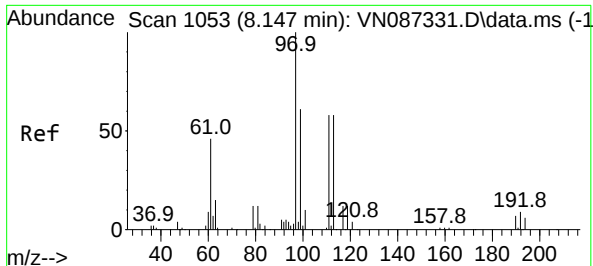
Ion Ratio Lower Upper

114 100

63 24.7 0.0 44.6

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 41.538 ug/l

RT: 8.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087561.D

Acq: 14 Aug 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

WC-A2-17-G

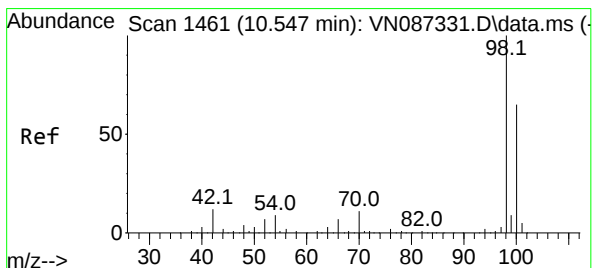
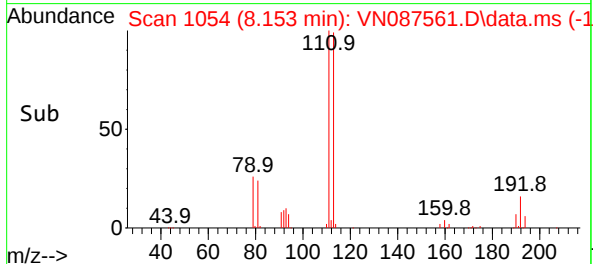
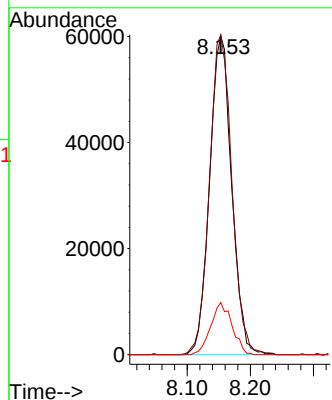
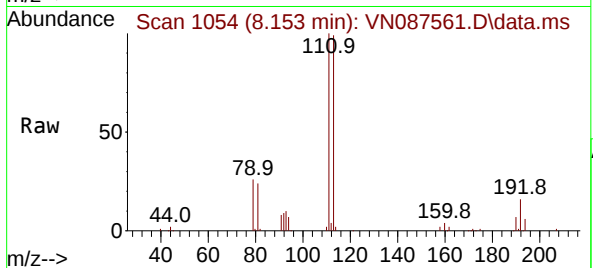
Tgt Ion:113 Resp: 145808

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

192 15.8 13.7 20.5



#50

Toluene-d8

Concen: 45.271 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087561.D

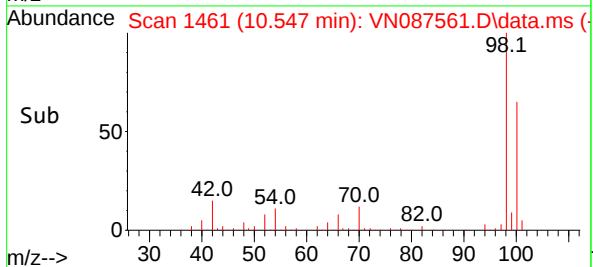
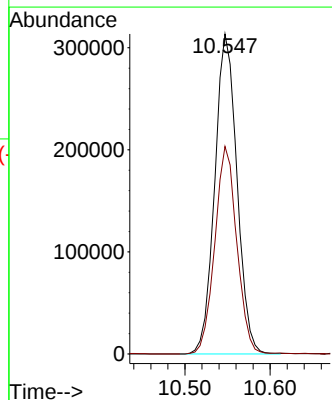
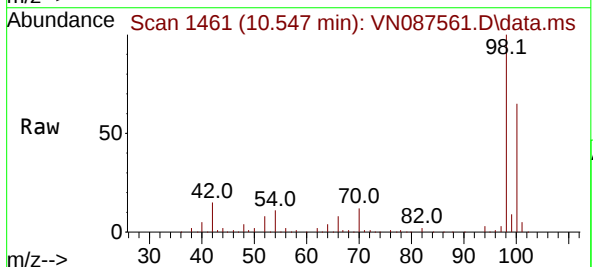
Acq: 14 Aug 2025 13:30

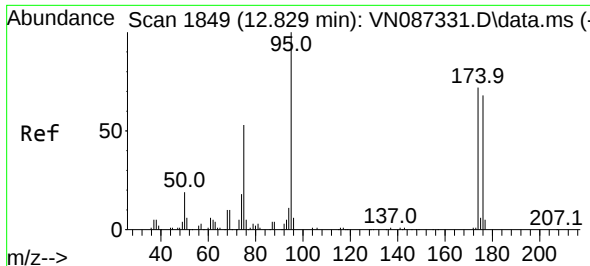
Tgt Ion: 98 Resp: 566852

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

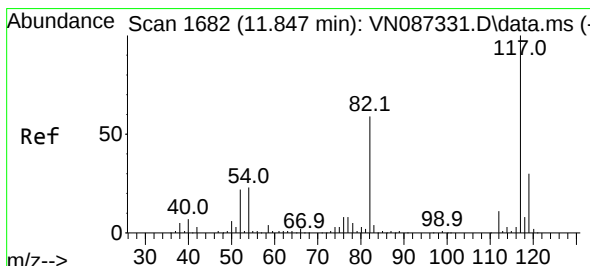
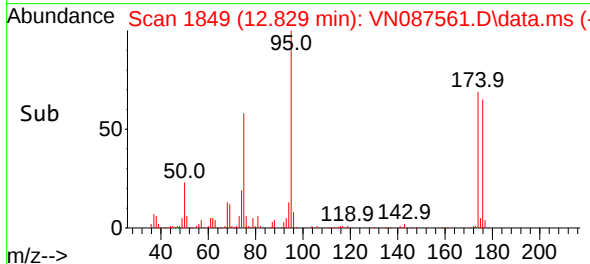
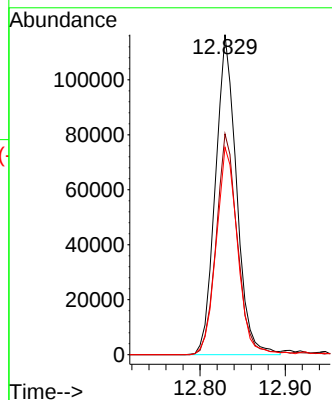
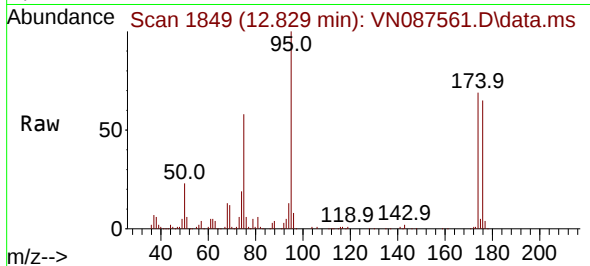




#62
4-Bromofluorobenzene
Concen: 43.371 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

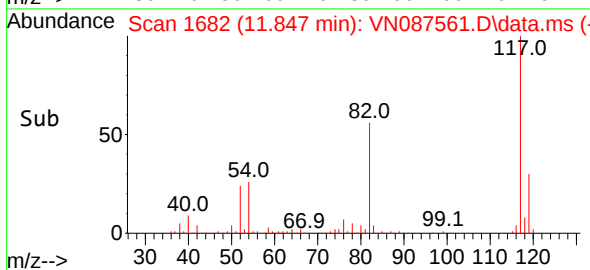
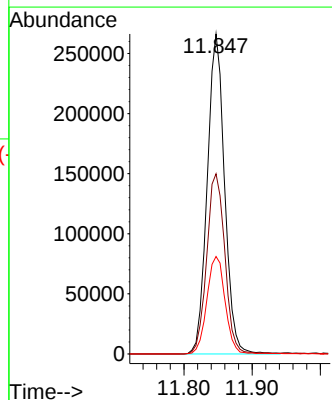
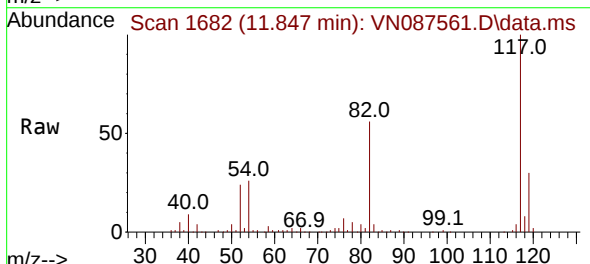
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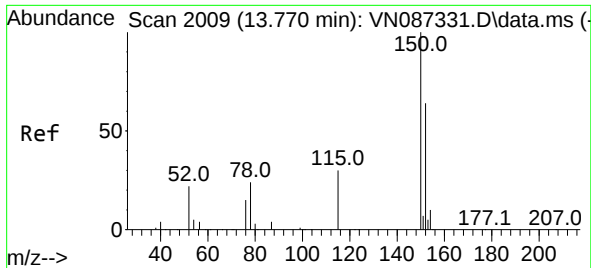
Tgt Ion: 95 Resp: 200634
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.4
176 66.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087561.D
Acq: 14 Aug 2025 13:30

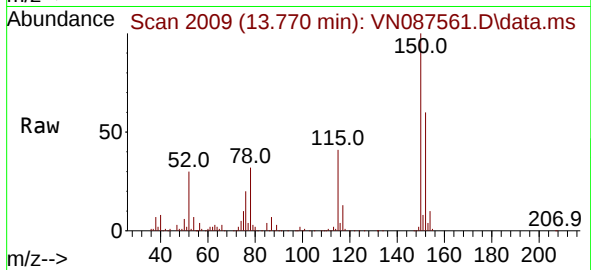
Tgt Ion: 117 Resp: 471064
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 30.5 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087561.D
 Acq: 14 Aug 2025 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-17-G



Tgt Ion:152 Resp: 211812
 Ion Ratio Lower Upper
 152 100
 115 66.5 31.1 93.5
 150 162.0 0.0 349.0

