

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086711.D
 Acq On : 20 May 2025 12:27
 Operator : JC\MD
 Sample : PB168068TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168068TB

Quant Time: May 21 01:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

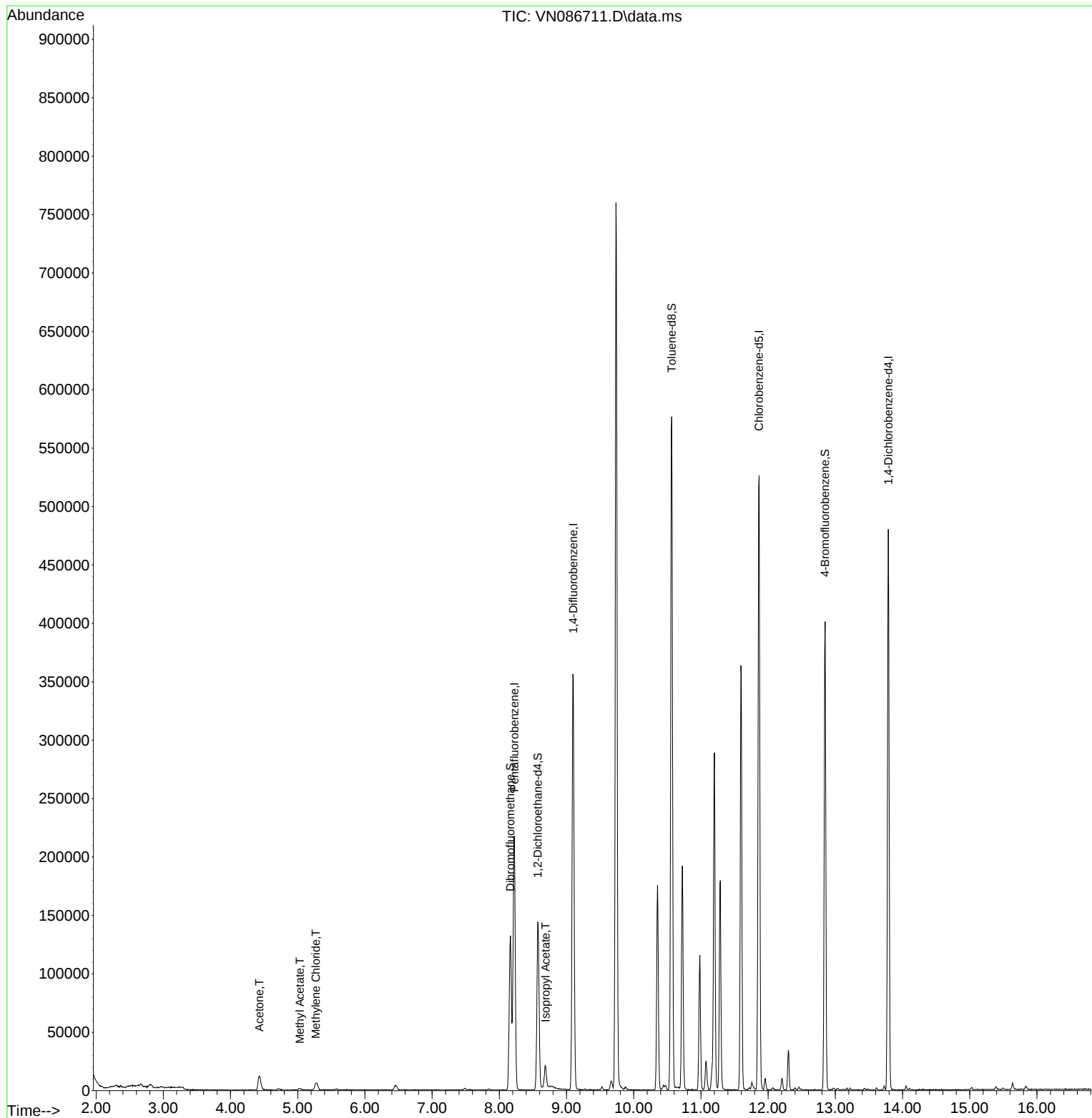
Internal Standards						
1) Pentafluorobenzene	8.224	168	163975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120727	53.281	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.560%		
35) Dibromofluoromethane	8.165	113	99532	51.650	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.300%		
50) Toluene-d8	10.565	98	423448	53.026	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.060%		
62) 4-Bromofluorobenzene	12.847	95	150478	53.366	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.740%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	23655	27.909	ug/l	97
18) Methyl Acetate	5.030	43	3265	1.376	ug/l #	77
20) Methylene Chloride	5.271	84	5427	2.426	ug/l #	85
43) Isopropyl Acetate	8.688	43	26288	4.567	ug/l #	85

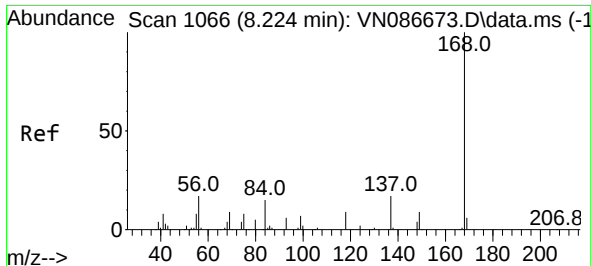
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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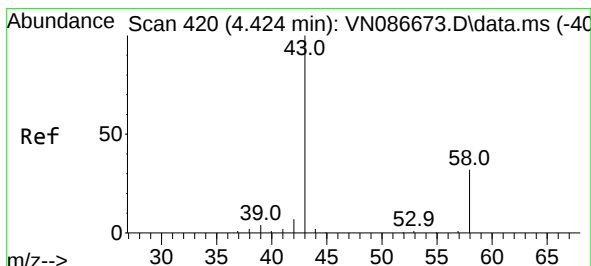
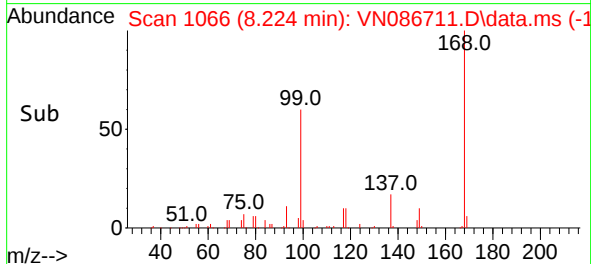
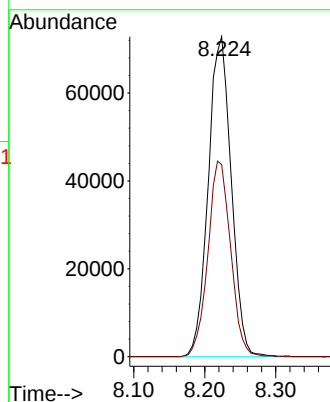
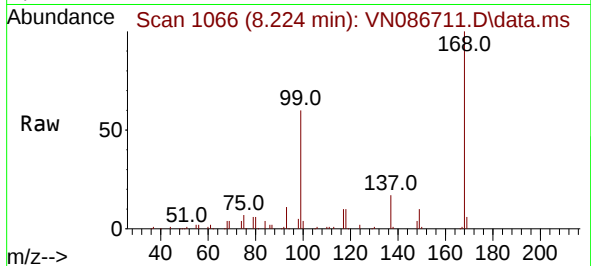




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

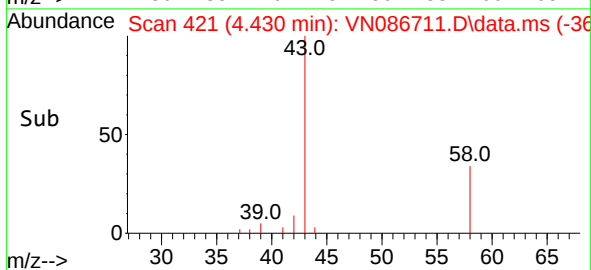
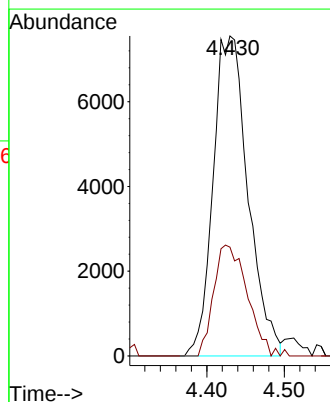
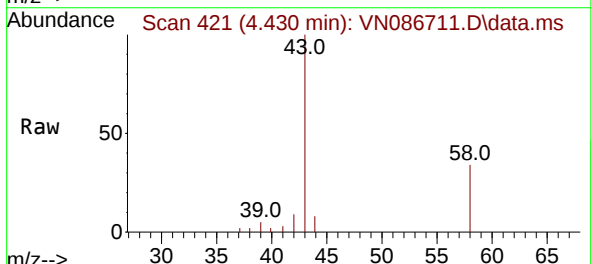
Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

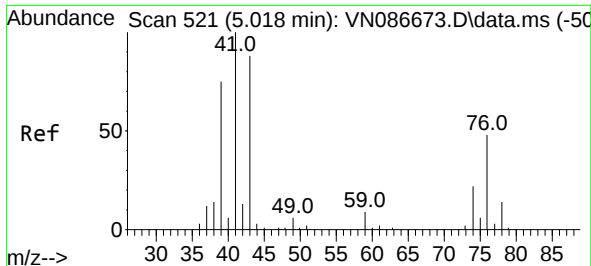
Tgt Ion:168 Resp: 163975
Ion Ratio Lower Upper
168 100
99 60.0 47.0 70.4



#16
Acetone
Concen: 27.909 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 43 Resp: 23655
Ion Ratio Lower Upper
43 100
58 34.0 25.8 38.6

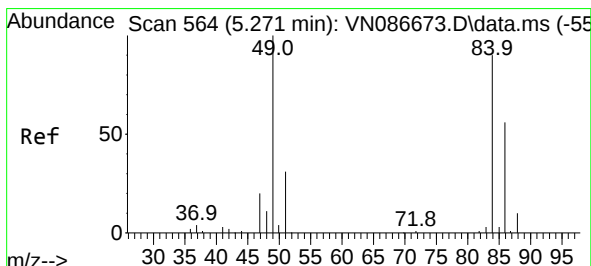
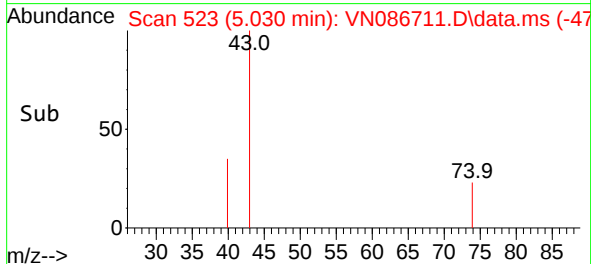
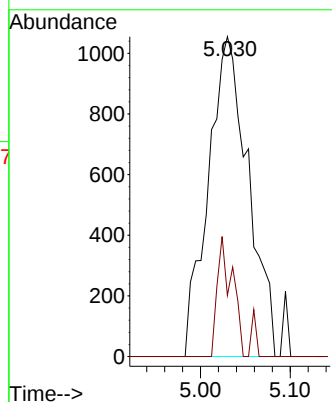
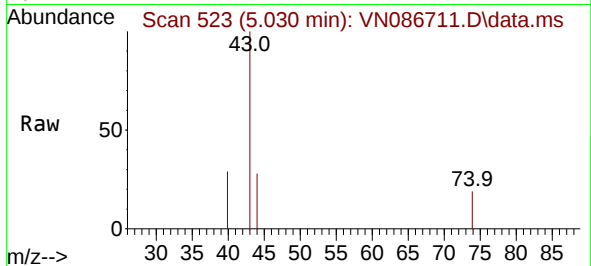




#18
Methyl Acetate
Concen: 1.376 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

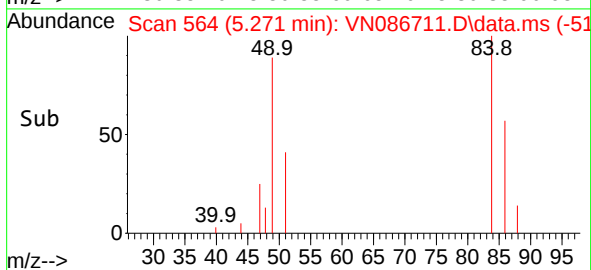
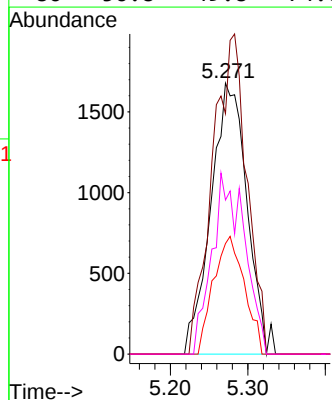
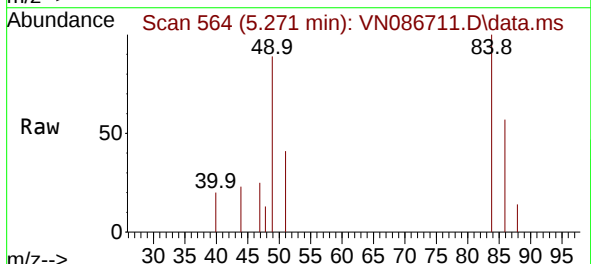
Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

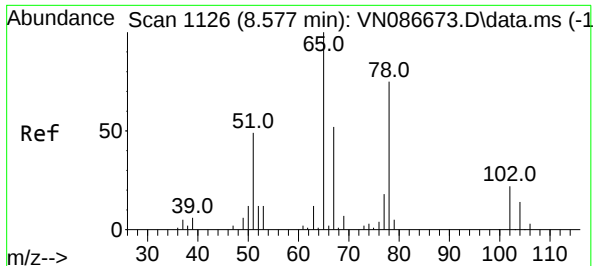
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
74 14.1 20.5 30.7#



#20
Methylene Chloride
Concen: 2.426 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 84 Resp: 5427
Ion Ratio Lower Upper
84 100
49 88.7 88.8 133.2#
51 40.7 27.8 41.6
86 56.8 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.281 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086711.D

Acq: 20 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

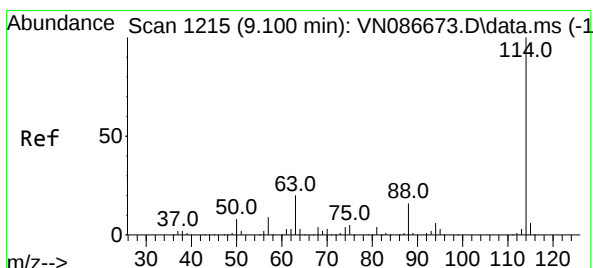
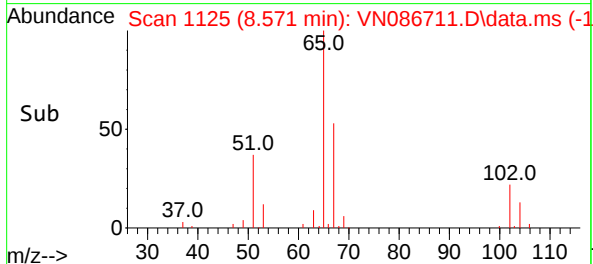
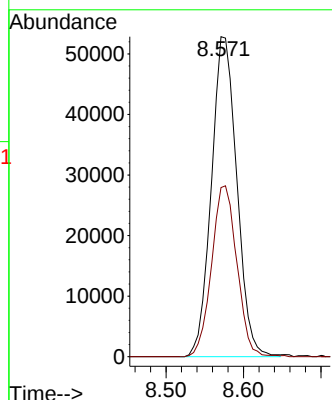
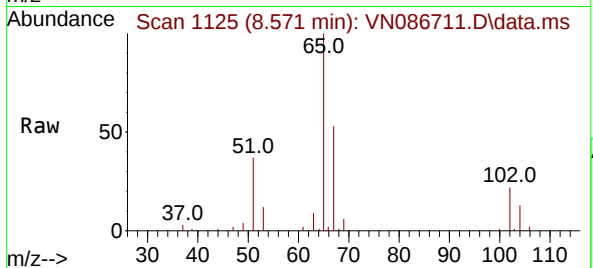
PB168068TB

Tgt Ion: 65 Resp: 120727

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086711.D

Acq: 20 May 2025 12:27

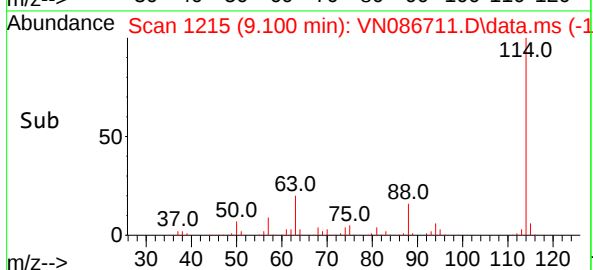
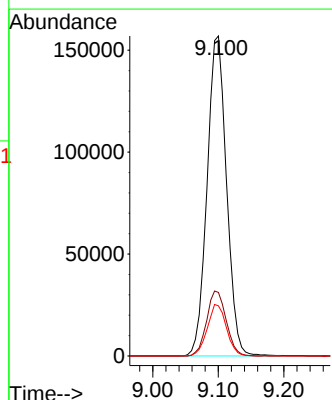
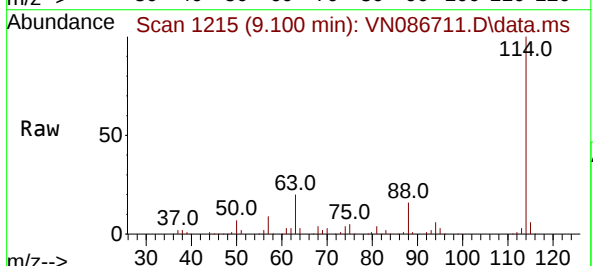
Tgt Ion: 114 Resp: 323576

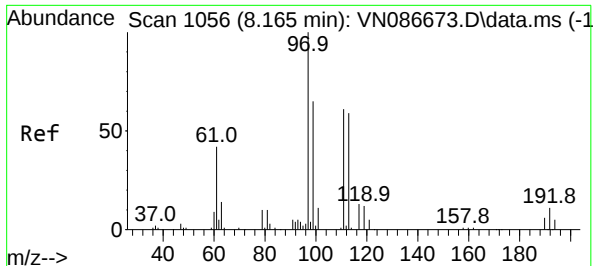
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.650 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN086711.D

Acq: 20 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

PB168068TB

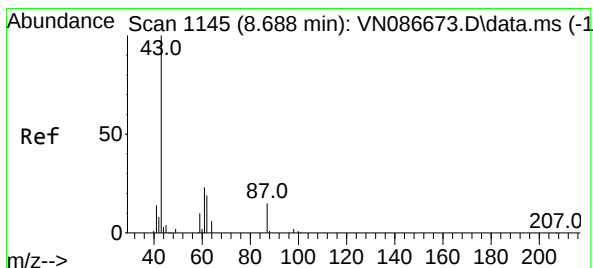
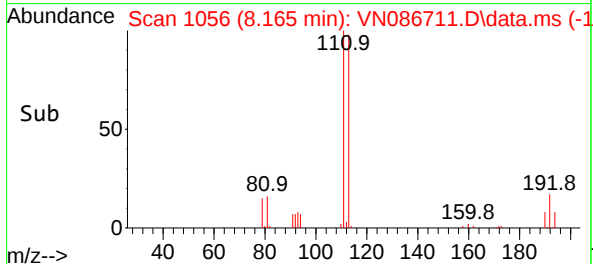
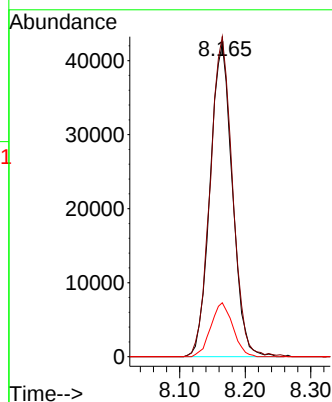
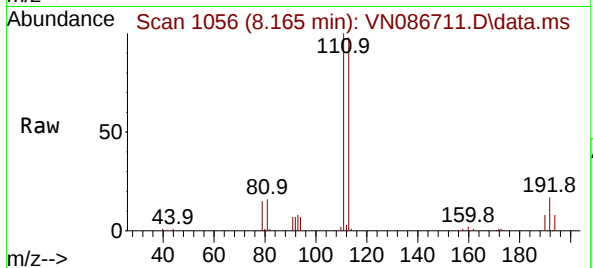
Tgt Ion:113 Resp: 99532

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 17.0 13.8 20.8



#43

Isopropyl Acetate

Concen: 4.567 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN086711.D

Acq: 20 May 2025 12:27

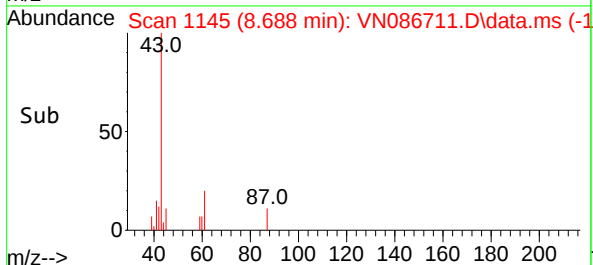
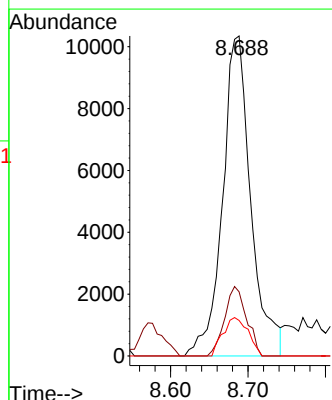
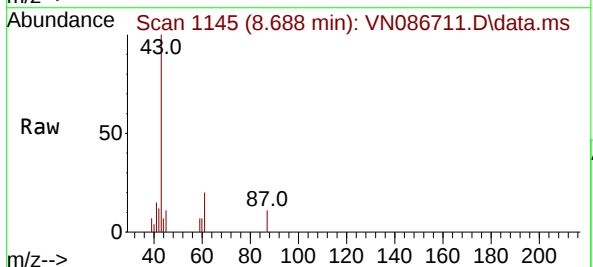
Tgt Ion: 43 Resp: 26288

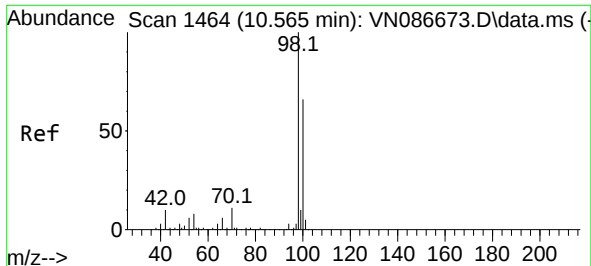
Ion Ratio Lower Upper

43 100

61 16.9 21.4 32.2#

87 10.7 11.1 16.7#

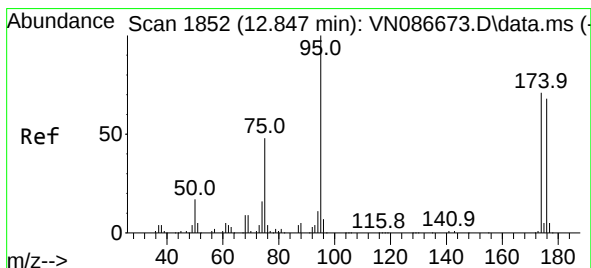
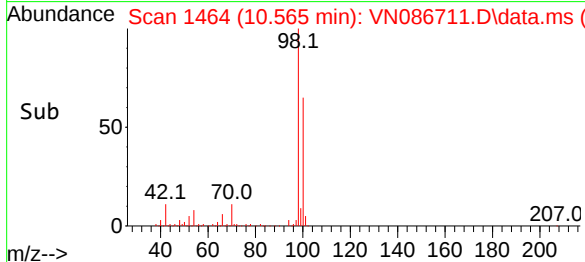
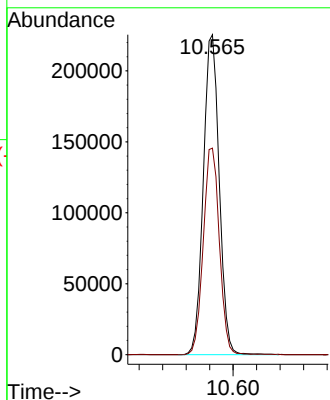
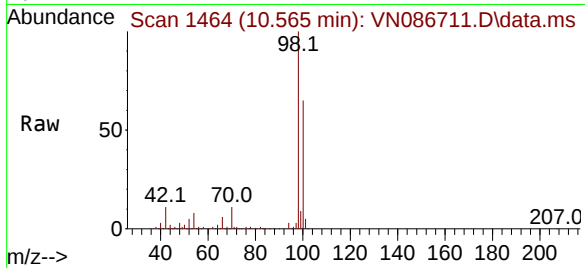




#50
Toluene-d8
Concen: 53.026 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

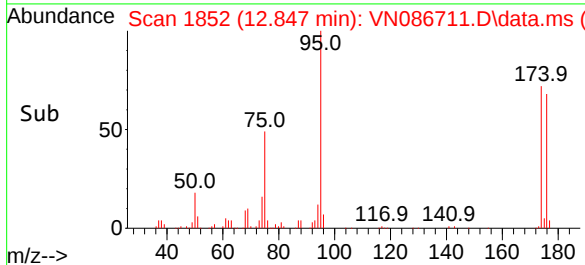
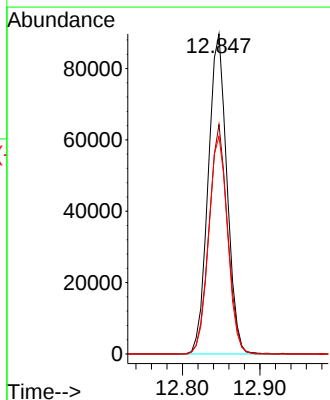
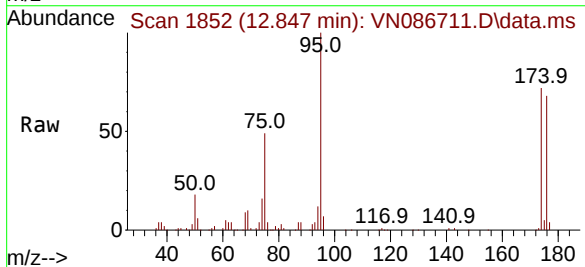
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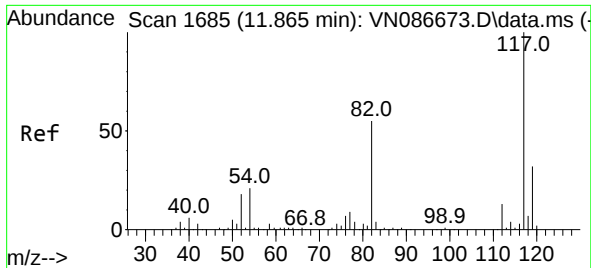
Tgt Ion: 98 Resp: 423448
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.366 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 95 Resp: 150478
Ion Ratio Lower Upper
95 100
174 71.2 0.0 145.4
176 68.4 0.0 137.8

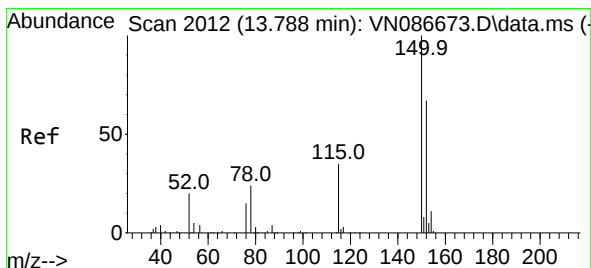
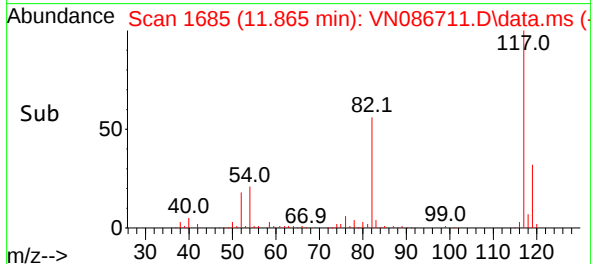
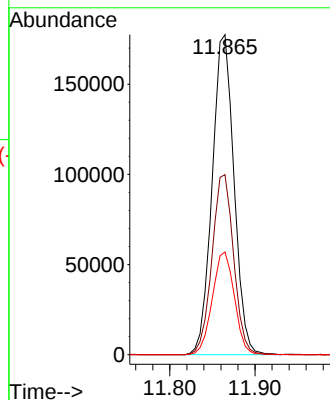
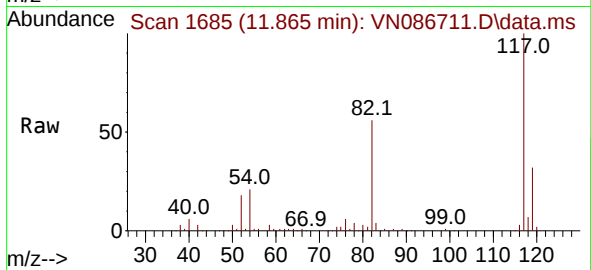




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:117 Resp: 316147
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:152 Resp: 131784
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.1
150 159.3 0.0 347.8

