

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087384.D
 Acq On : 21 Jul 2025 16:46
 Operator : JC\MD
 Sample : PB168921TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168921TB

Quant Time: Jul 22 03:10:35 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)

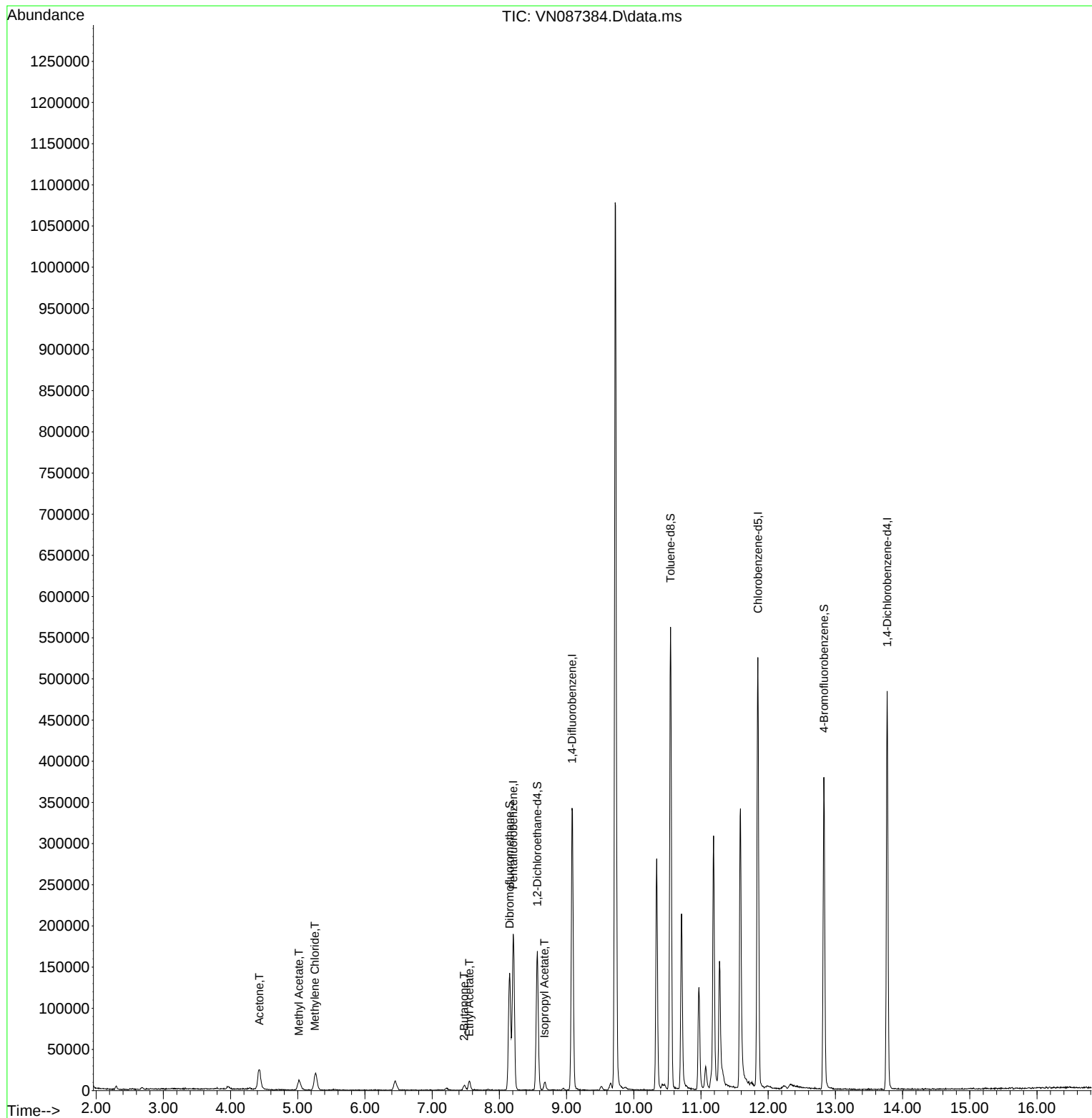
Internal Standards						
1) Pentafluorobenzene	8.206	168	135663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	283571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	285891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	127702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	140044	60.838	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.680%		
35) Dibromofluoromethane	8.153	113	105511	53.940	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.880%		
50) Toluene-d8	10.547	98	380908	54.591	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.180%		
62) 4-Bromofluorobenzene	12.829	95	129887	50.385	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.780%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	48410	44.853	ug/l	96
18) Methyl Acetate	5.018	43	26003	9.589	ug/l	99
20) Methylene Chloride	5.253	84	15851	8.152	ug/l #	76
25) 2-Butanone	7.477	43	9965	5.976	ug/l	98
37) Ethyl Acetate	7.553	43	16789	4.498	ug/l #	95
43) Isopropyl Acetate	8.671	43	11628	2.007	ug/l #	82

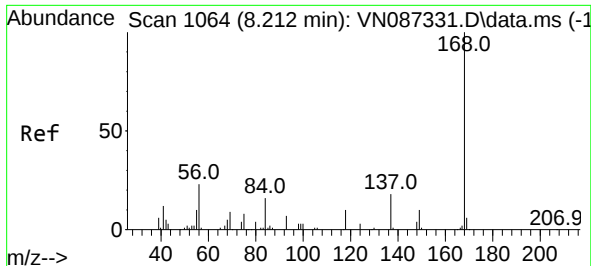
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

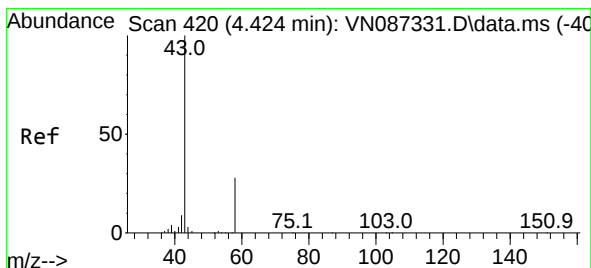
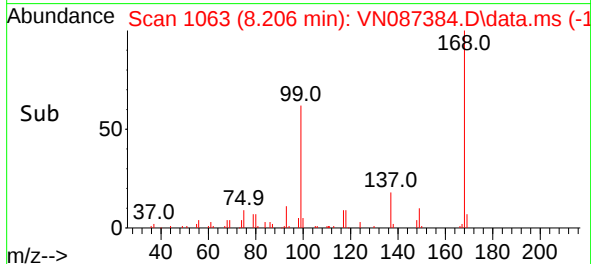
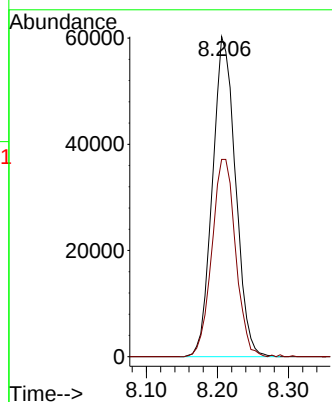
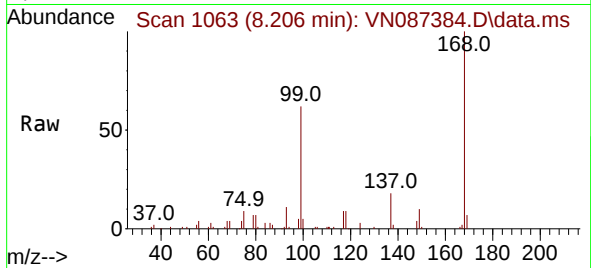




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

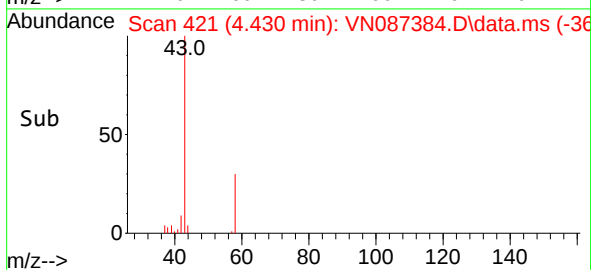
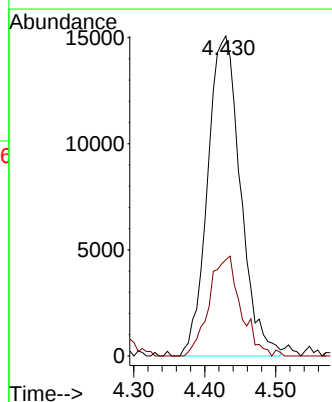
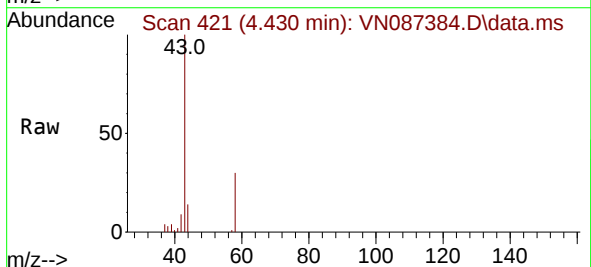
Instrument :
MSVOA_N
ClientSampleId :
PB168921TB

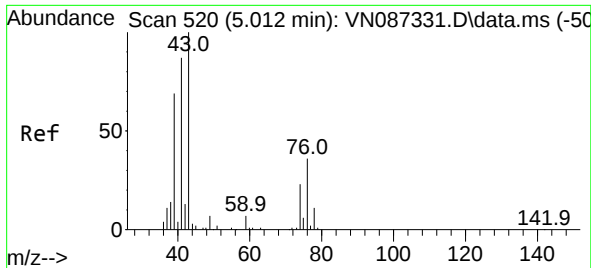
Tgt Ion:168 Resp: 135663
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9



#16
Acetone
Concen: 44.853 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion: 43 Resp: 48410
Ion Ratio Lower Upper
43 100
58 30.1 22.3 33.5

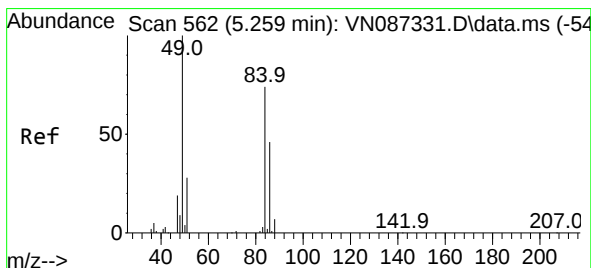
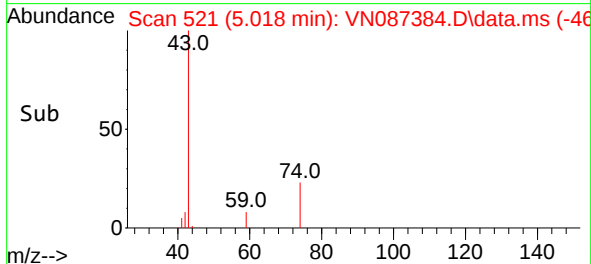
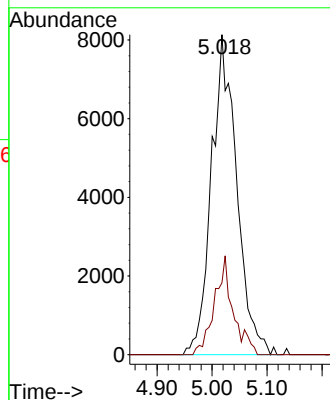
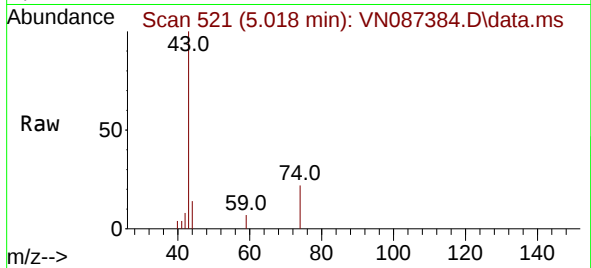




#18
Methyl Acetate
Concen: 9.589 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

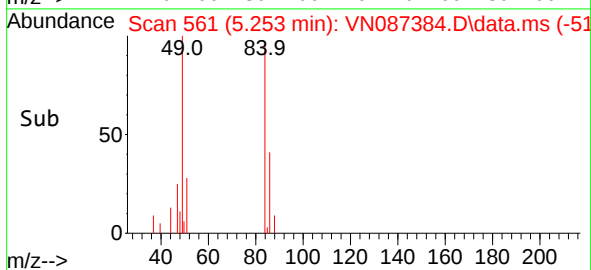
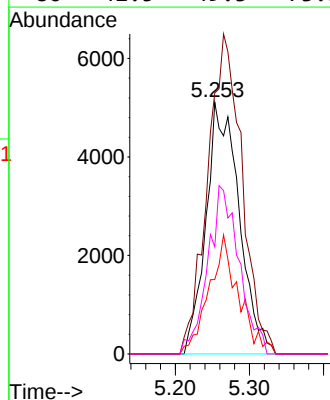
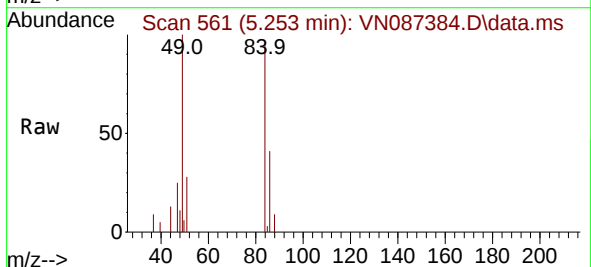
Instrument :
MSVOA_N
ClientSampleId :
PB168921TB

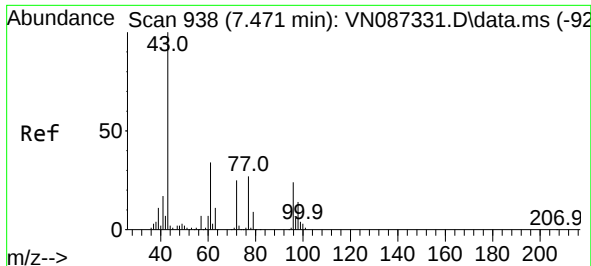
Tgt Ion: 43 Resp: 26003
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 8.152 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion: 84 Resp: 15851
Ion Ratio Lower Upper
84 100
49 103.7 107.5 161.3#
51 29.5 30.2 45.2#
86 42.5 49.3 73.9#

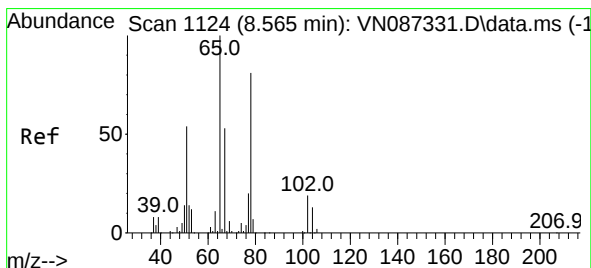
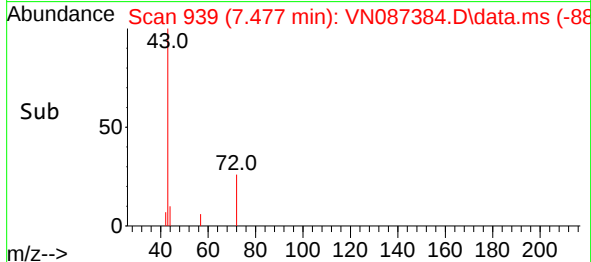
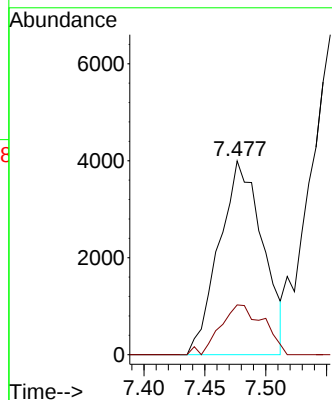
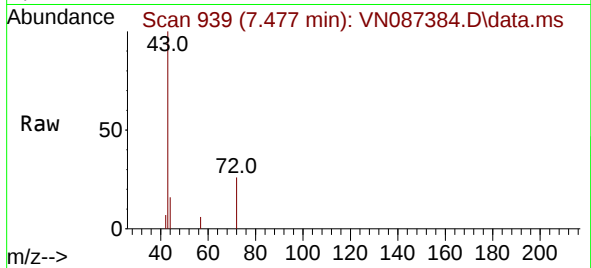




#25
2-Butanone
Concen: 5.976 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

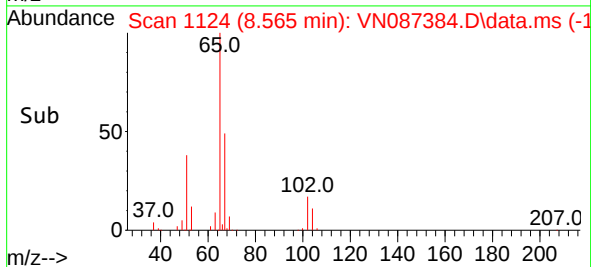
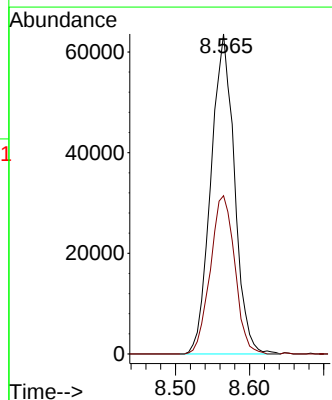
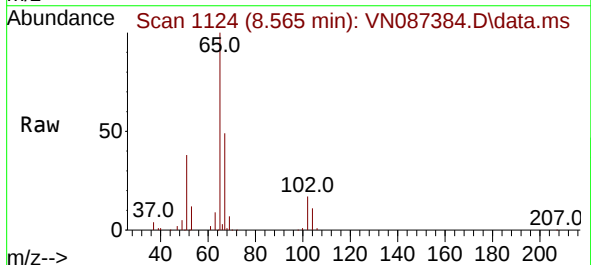
Instrument :
MSVOA_N
ClientSampleId :
PB168921TB

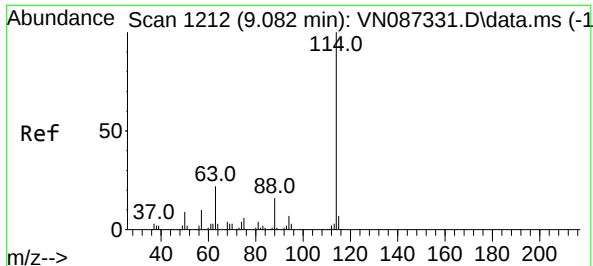
Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 60.838 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion: 65 Resp: 140044
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087384.D

Acq: 21 Jul 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB168921TB

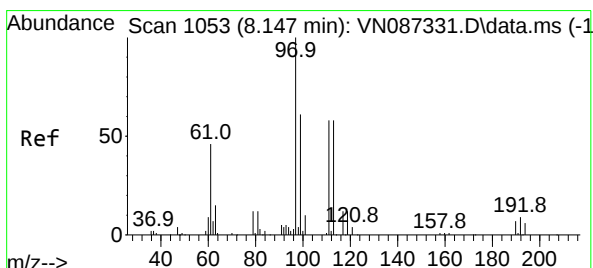
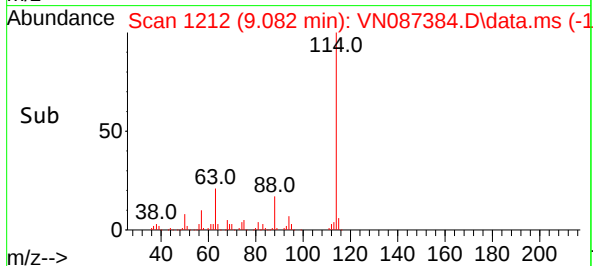
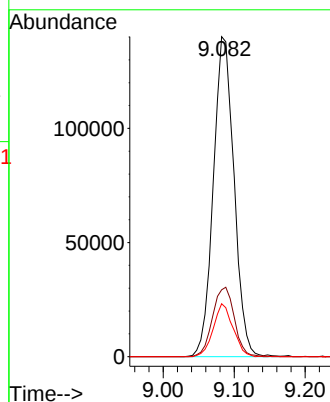
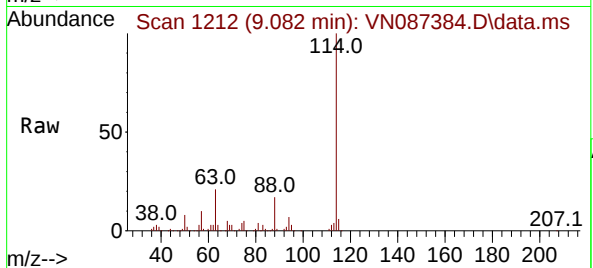
Tgt Ion:114 Resp: 283571

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.940 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087384.D

Acq: 21 Jul 2025 16:46

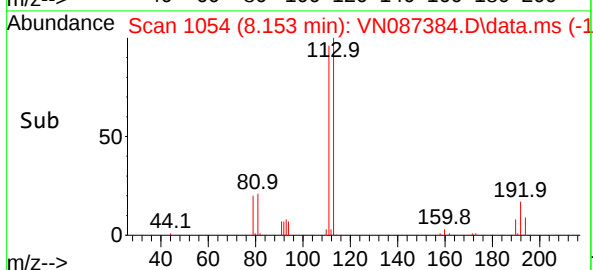
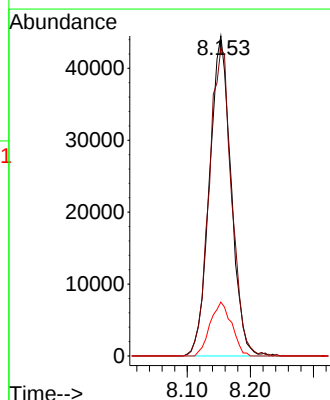
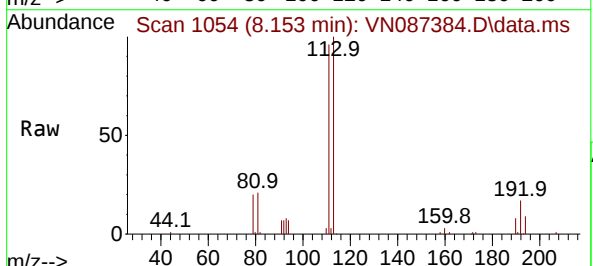
Tgt Ion:113 Resp: 105511

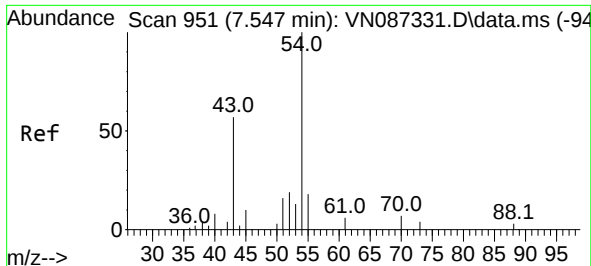
Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

192 16.8 13.7 20.5

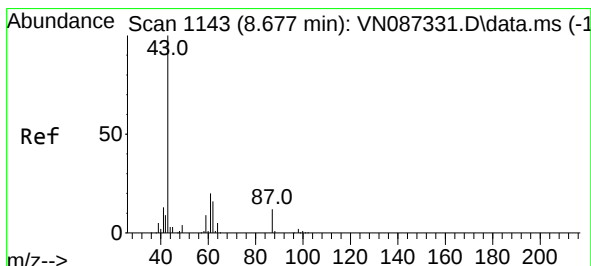
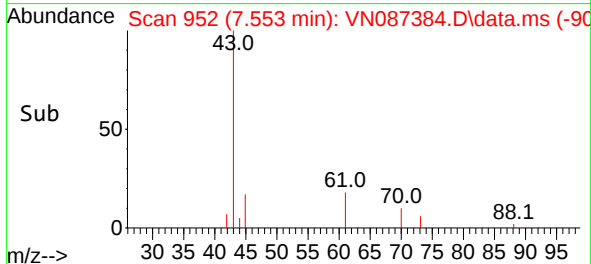
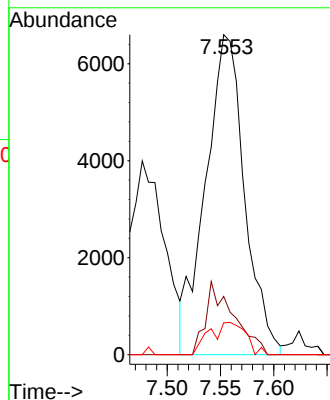
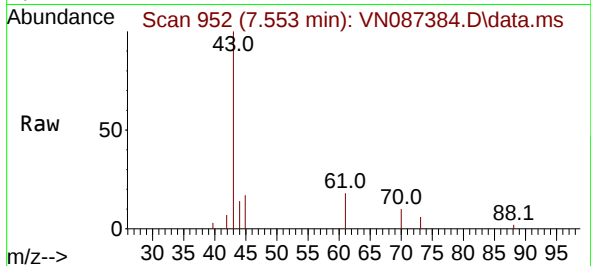




#37
Ethyl Acetate
Concen: 4.498 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

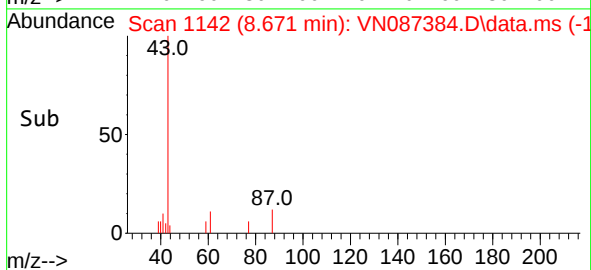
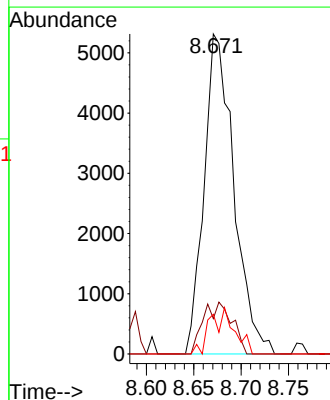
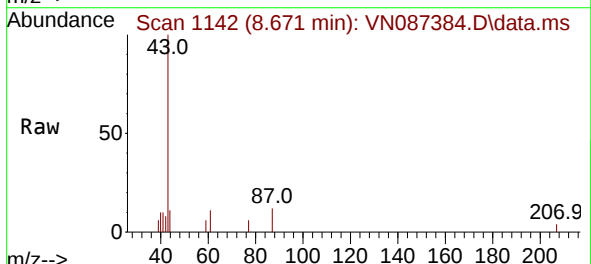
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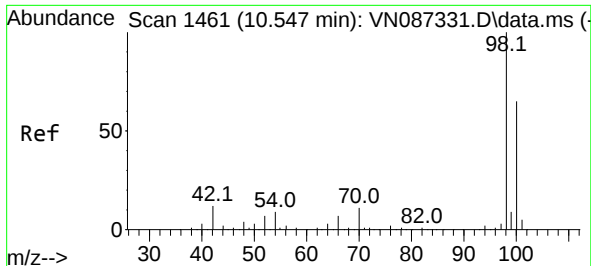
Tgt Ion: 43 Resp: 16789
Ion Ratio Lower Upper
43 100
61 16.6 10.9 16.3#
70 9.5 7.4 11.0



#43
Isopropyl Acetate
Concen: 2.007 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
61 15.7 19.8 29.8#
87 5.3 9.8 14.6#

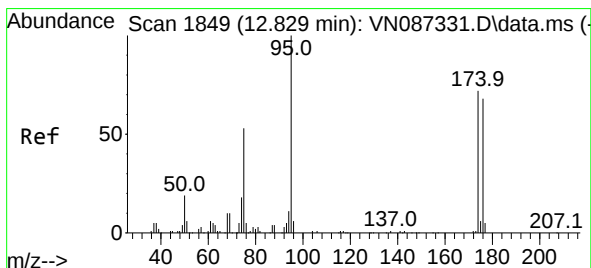
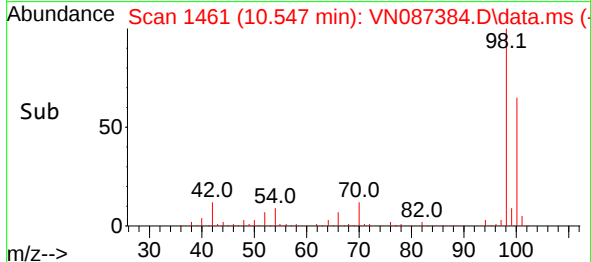
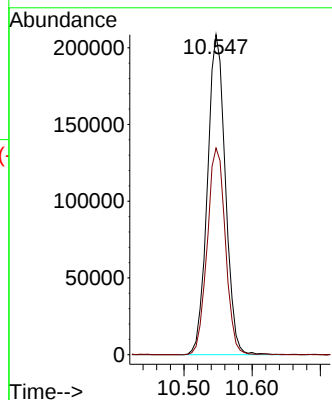
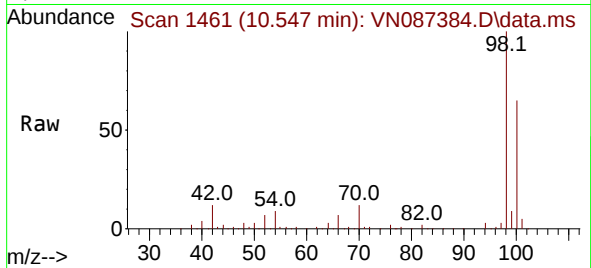




#50
Toluene-d8
Concen: 54.591 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

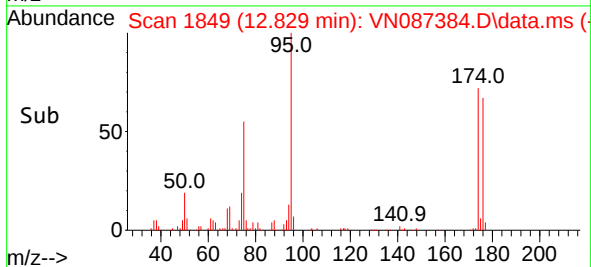
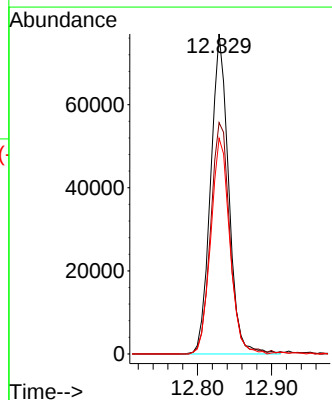
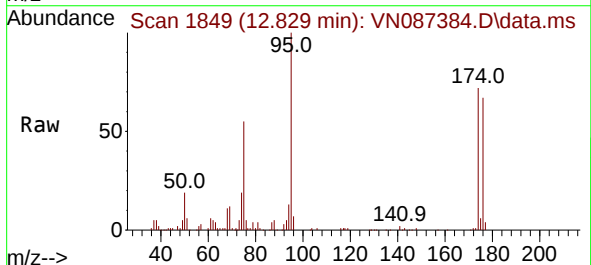
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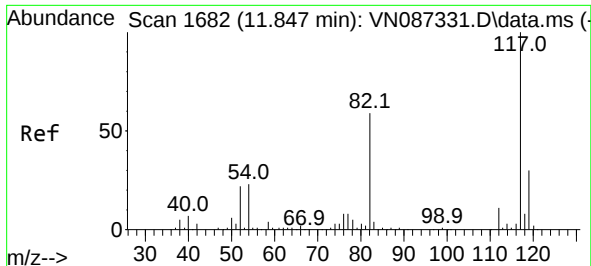
Tgt Ion: 98 Resp: 380908
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.385 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion: 95 Resp: 129887
Ion Ratio Lower Upper
95 100
174 77.3 0.0 149.4
176 71.1 0.0 141.2

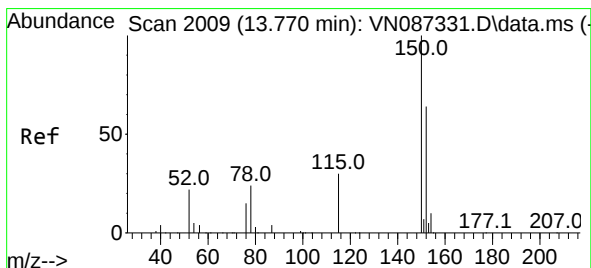
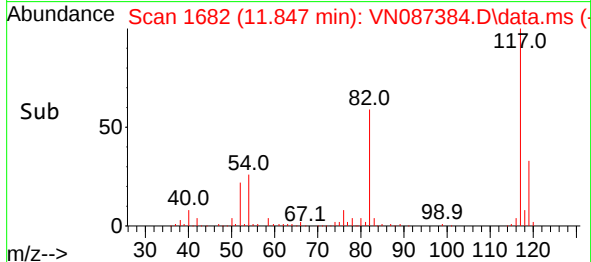
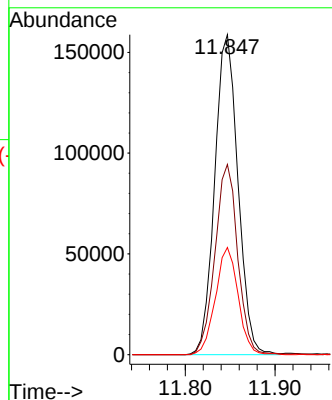
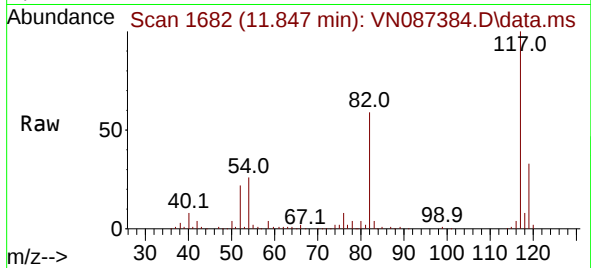




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
PB168921TB

Tgt Ion:117 Resp: 285891
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 33.5 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087384.D
Acq: 21 Jul 2025 16:46

Tgt Ion:152 Resp: 127702
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.5
150 157.2 0.0 349.0

