

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086730.D
 Acq On : 21 May 2025 14:41
 Operator : JC\MD
 Sample : PB168093TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168093TB

Quant Time: May 22 01:23:31 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)

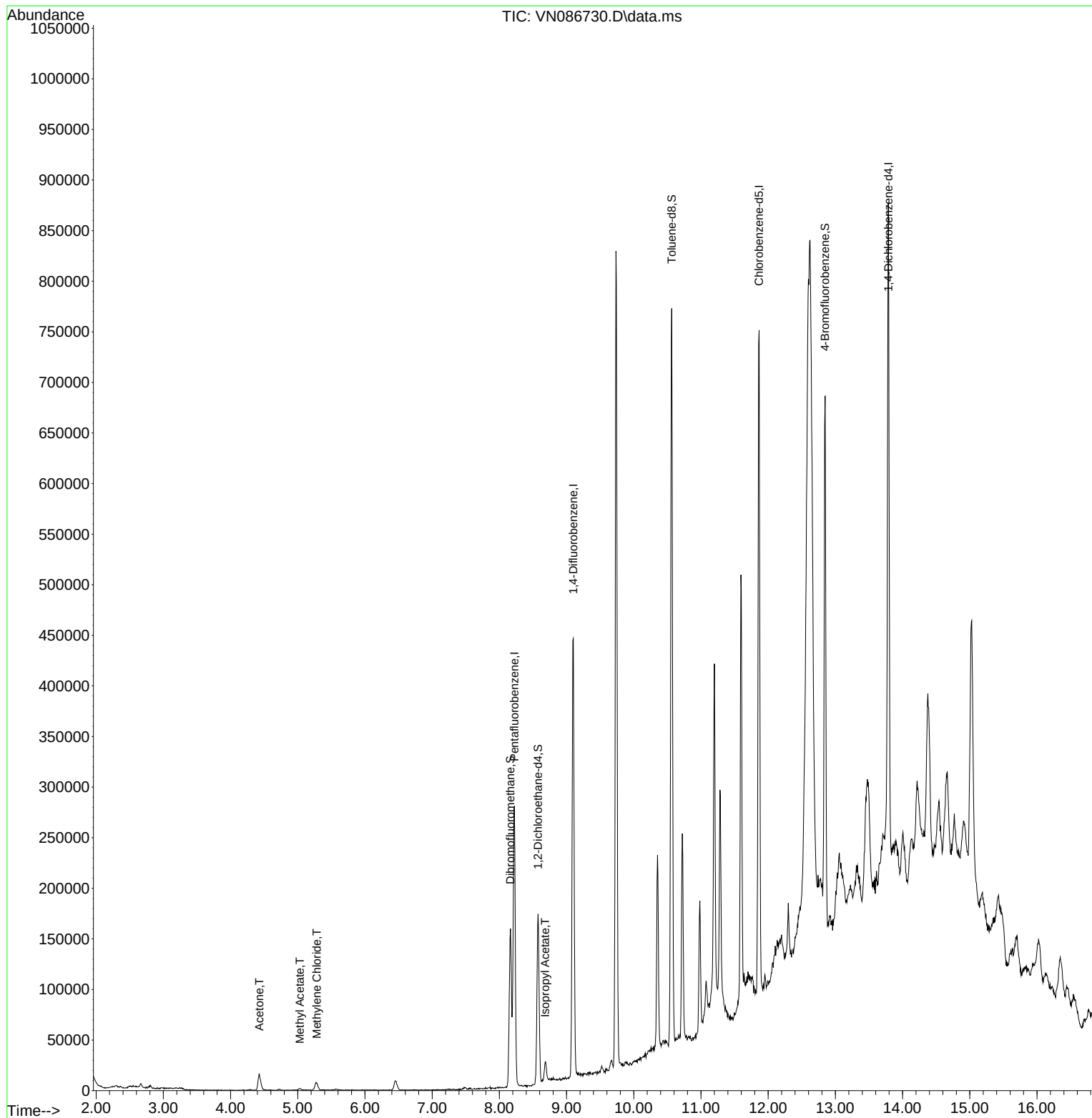
Internal Standards						
1) Pentafluorobenzene	8.224	168	206548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	400057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	399620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139381	48.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.680%
35) Dibromofluoromethane	8.165	113	117206	49.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.565	98	529210	53.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.847	95	198237	56.864	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.720%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	29917	28.022	ug/l	94
18) Methyl Acetate	5.030	43	3199	1.071	ug/l #	87
20) Methylene Chloride	5.283	84	6242	2.216	ug/l	94
43) Isopropyl Acetate	8.683	43	28824	4.050	ug/l #	86

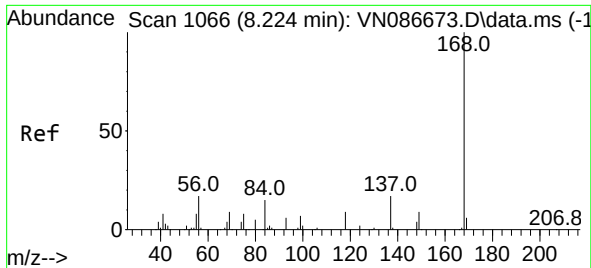
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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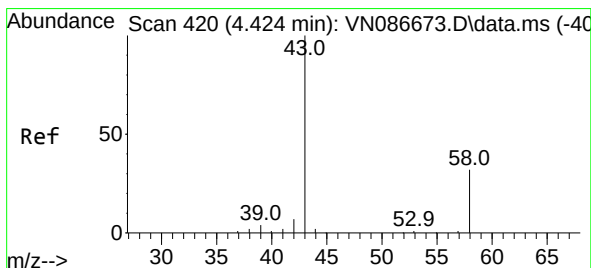
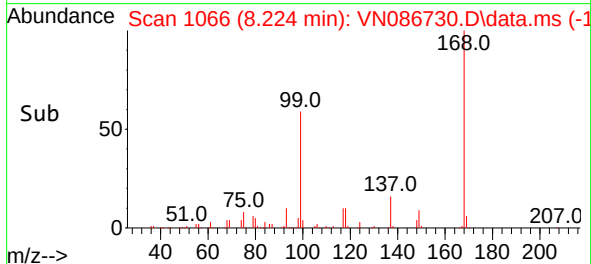
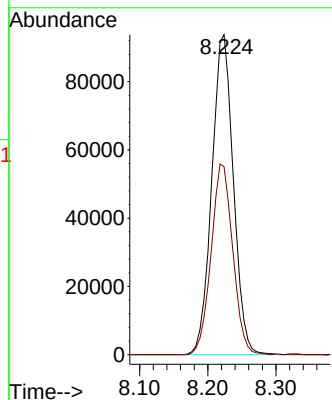
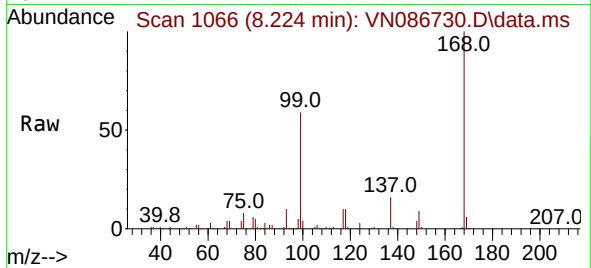




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

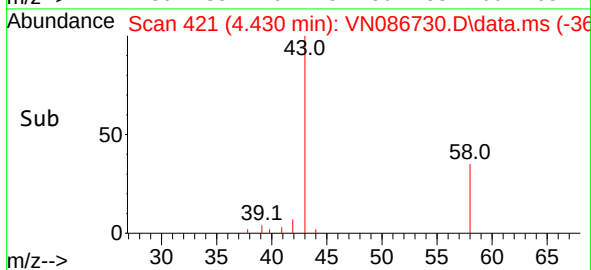
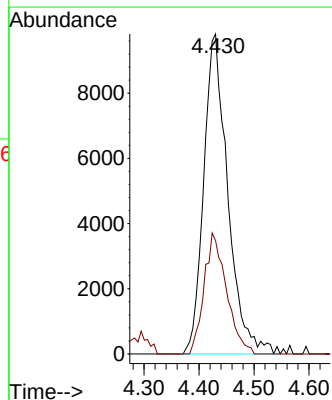
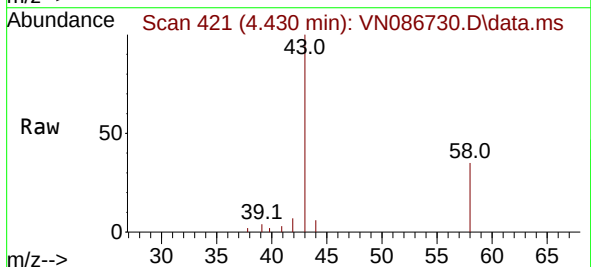
Instrument :
MSVOA_N
ClientSampleId :
PB168093TB

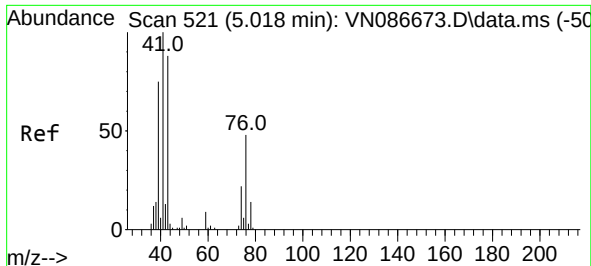
Tgt Ion:168 Resp: 206548
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.4



#16
Acetone
Concen: 28.022 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

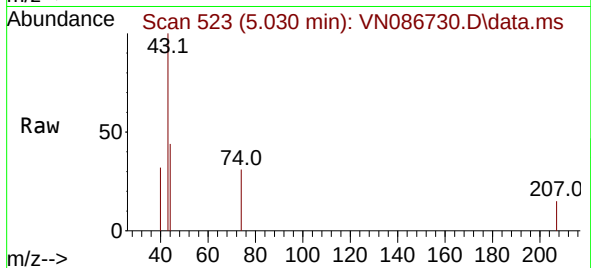
Tgt Ion: 43 Resp: 29917
Ion Ratio Lower Upper
43 100
58 35.4 25.8 38.6



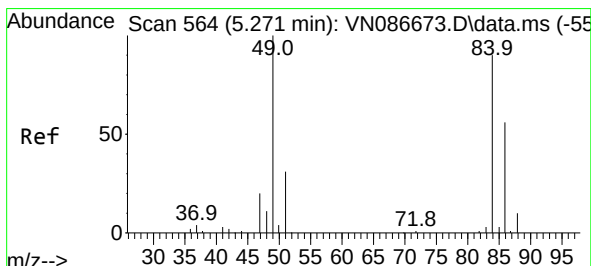
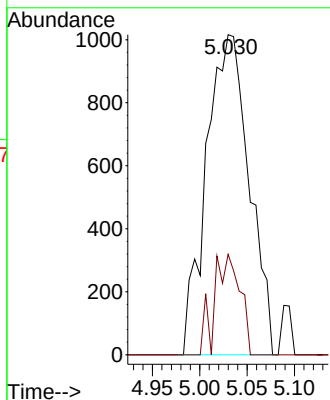
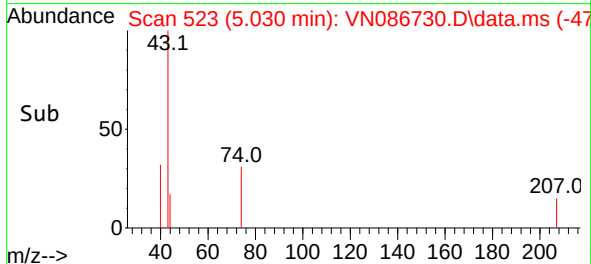


#18
Methyl Acetate
Concen: 1.071 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB168093TB

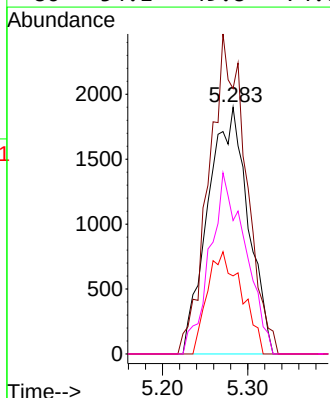
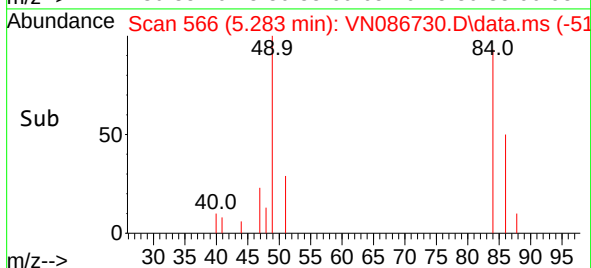
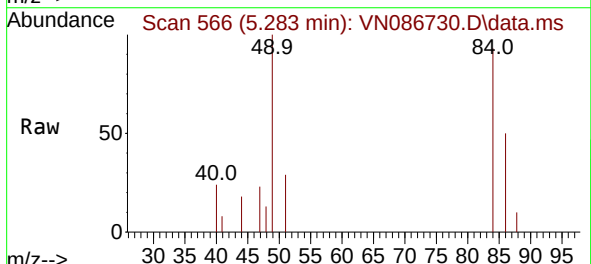


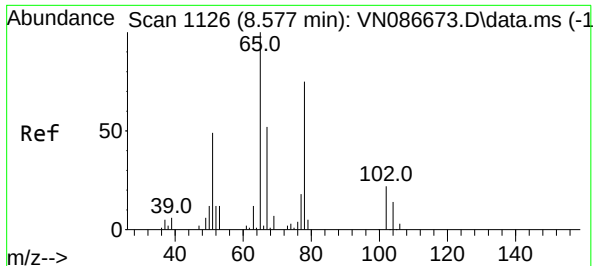
Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
74 18.9 20.5 30.7#



#20
Methylene Chloride
Concen: 2.216 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

Tgt Ion: 84 Resp: 6242
Ion Ratio Lower Upper
84 100
49 107.6 88.8 133.2
51 31.7 27.8 41.6
86 54.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 48.835 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086730.D

Acq: 21 May 2025 14:41

Instrument :

MSVOA_N

ClientSampleId :

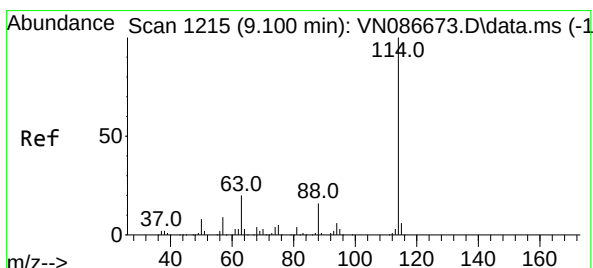
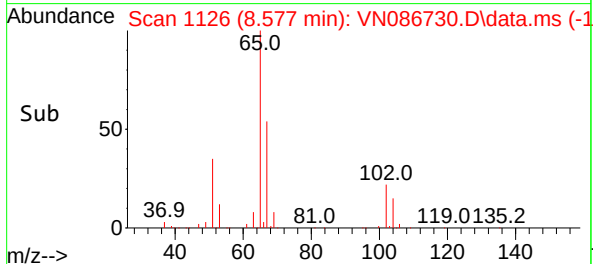
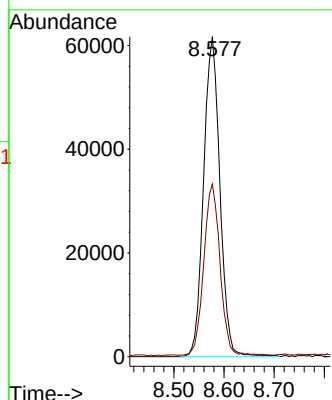
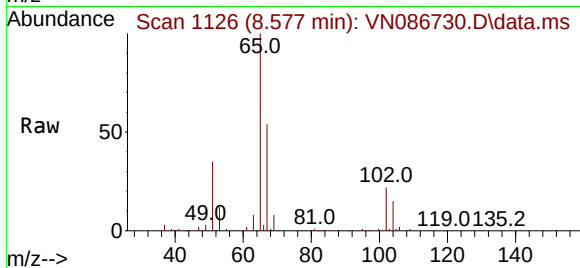
PB168093TB

Tgt Ion: 65 Resp: 139381

Ion Ratio Lower Upper

65 100

67 52.7 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: VN086730.D

Acq: 21 May 2025 14:41

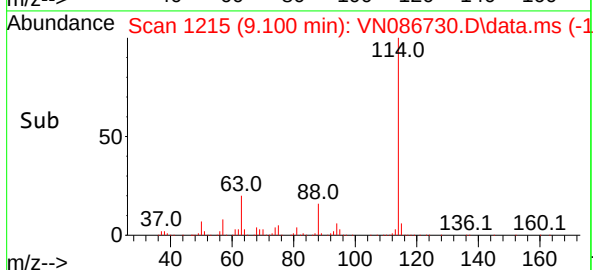
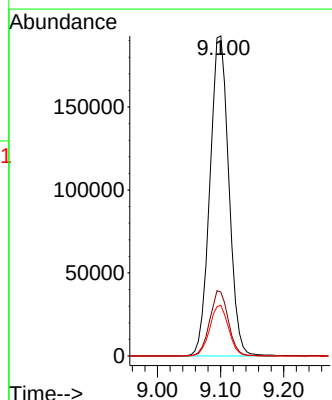
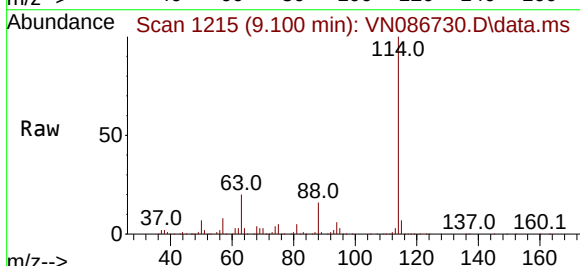
Tgt Ion: 114 Resp: 400057

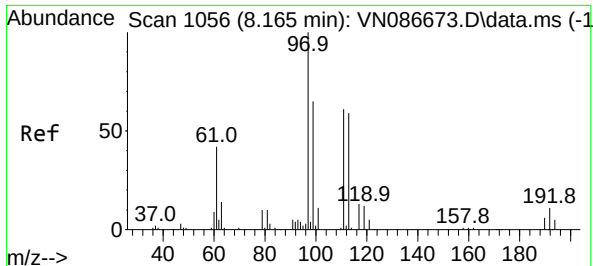
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

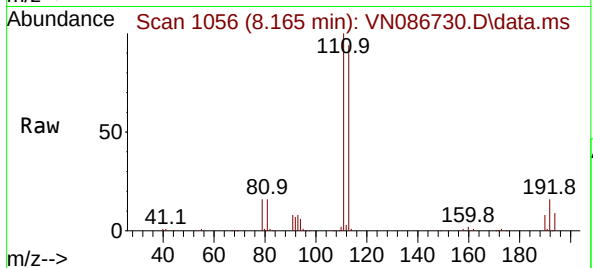
88 15.9 0.0 31.2



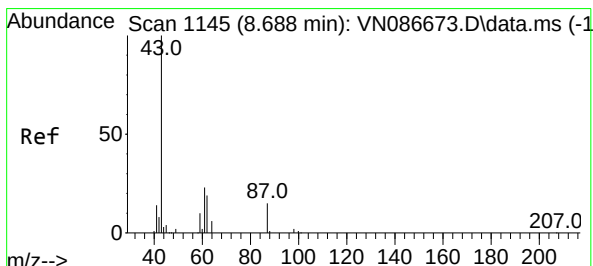
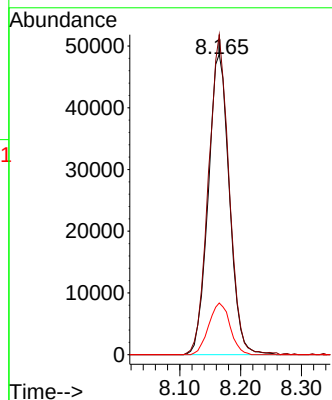
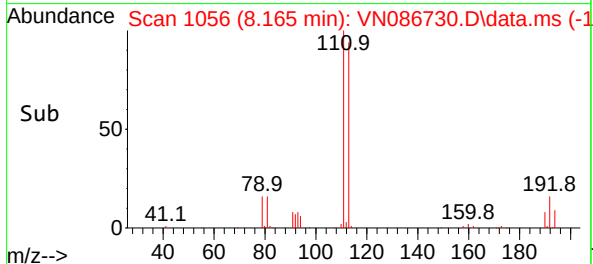


#35
Dibromofluoromethane
Concen: 49.194 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

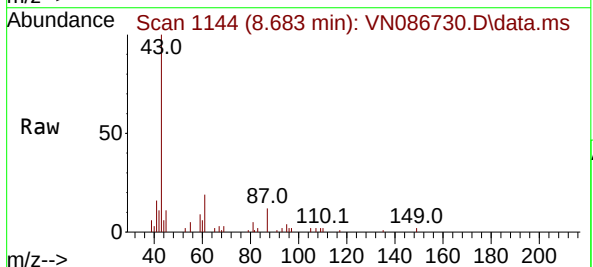
Instrument :
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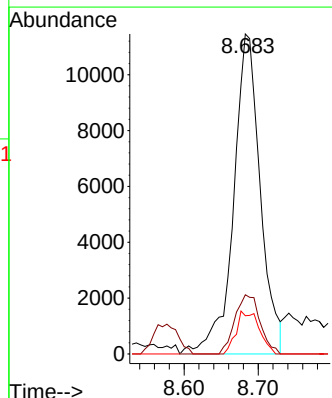
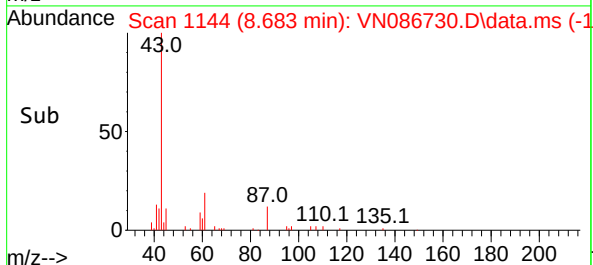
Tgt Ion:113 Resp: 117206
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.4 13.8 20.8

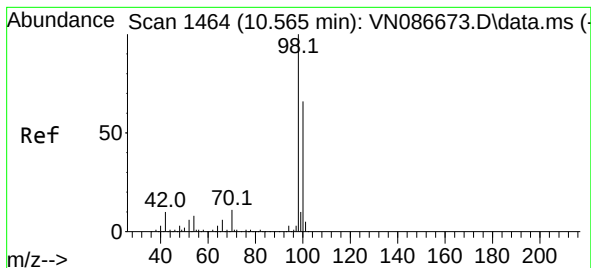


#43
Isopropyl Acetate
Concen: 4.050 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41



Tgt Ion: 43 Resp: 28824
Ion Ratio Lower Upper
43 100
61 17.3 21.4 32.2#
87 11.4 11.1 16.7

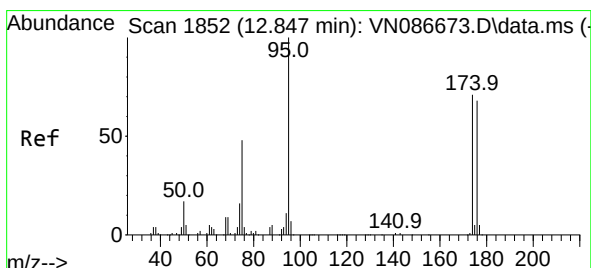
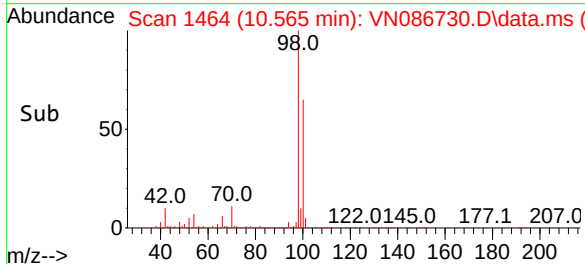
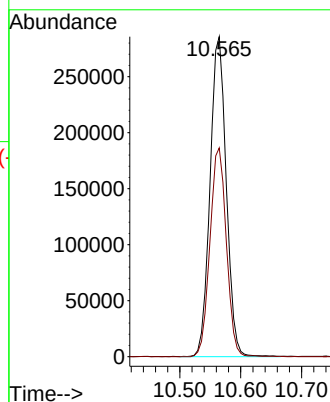
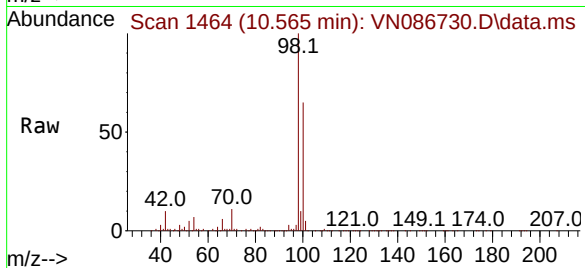




#50
Toluene-d8
Concen: 53.601 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

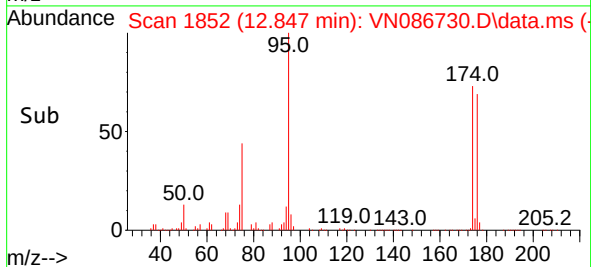
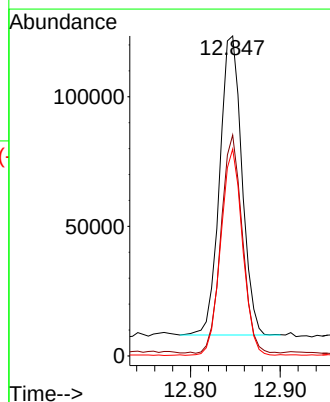
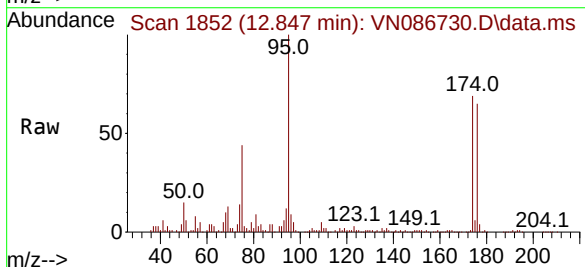
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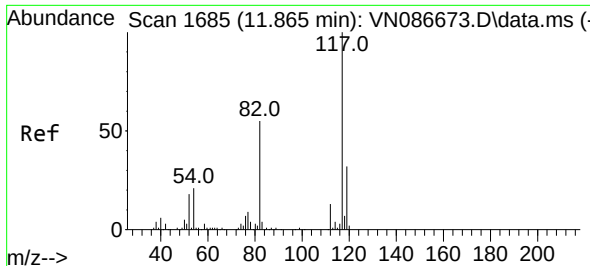
Tgt Ion: 98 Resp: 529210
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 56.864 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

Tgt Ion: 95 Resp: 198237
Ion Ratio Lower Upper
95 100
174 70.0 0.0 145.4
176 67.3 0.0 137.8

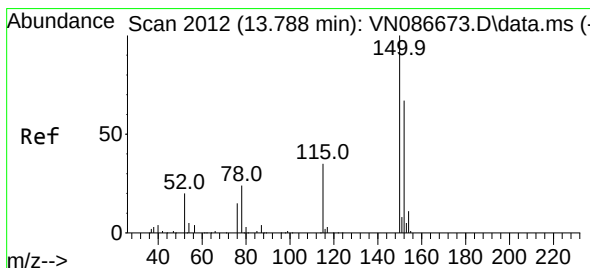
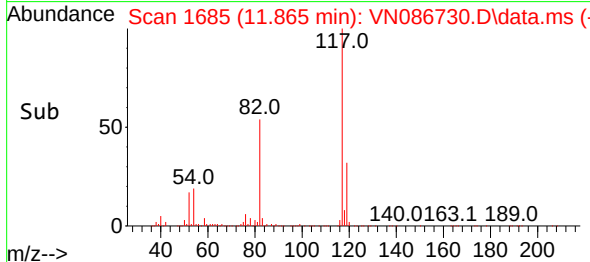
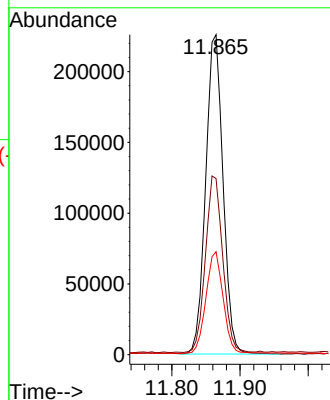
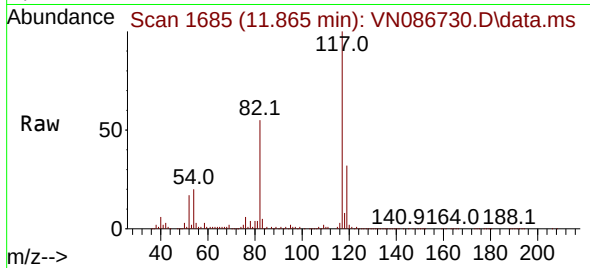




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086730.D
Acq: 21 May 2025 14:41

Instrument :
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Tgt Ion:117 Resp: 399620
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.9 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: VN086730.D
Acq: 21 May 2025 14:41

Tgt Ion:152 Resp: 175849
Ion Ratio Lower Upper
152 100
115 62.8 30.0 90.1
150 156.7 0.0 347.8

