

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086973.D
 Acq On : 12 Jun 2025 13:38
 Operator : JC\MD
 Sample : Q2271-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP12-MHK-WC

Quant Time: Jun 13 01:27:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

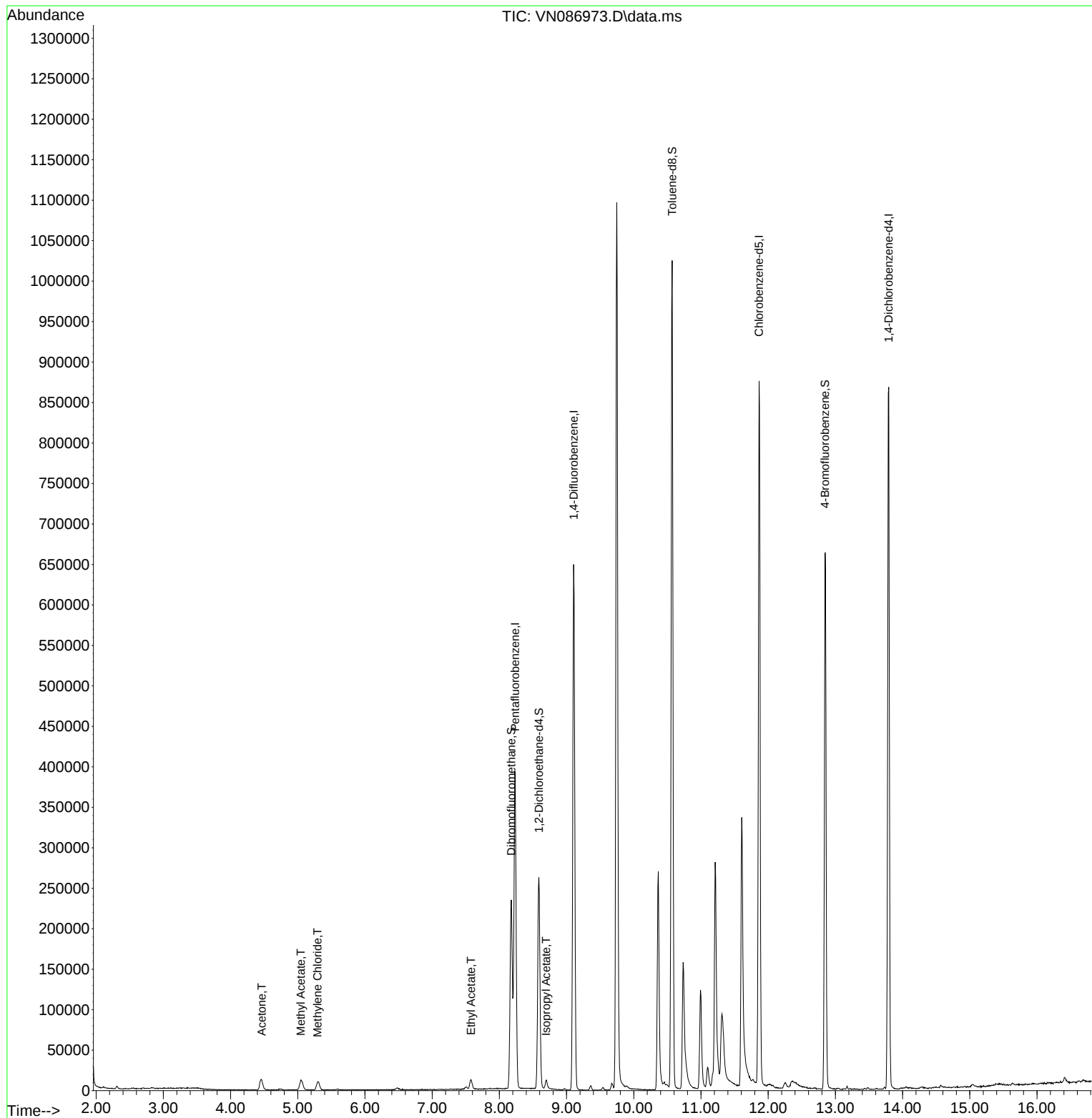
Internal Standards						
1) Pentafluorobenzene	8.235	168	308710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	542008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	216403	52.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.177	113	181039	50.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	10.571	98	740754	52.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.847	95	266883	50.908	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	26976	12.307	ug/l	95
18) Methyl Acetate	5.047	43	27430	4.294	ug/l	99
20) Methylene Chloride	5.294	84	9356	2.280	ug/l	95
37) Ethyl Acetate	7.577	43	18778	2.777	ug/l	98
43) Isopropyl Acetate	8.694	43	11803	1.088	ug/l	93

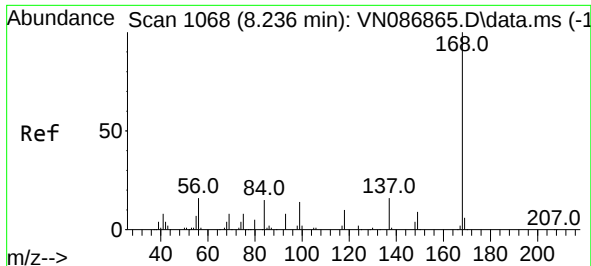
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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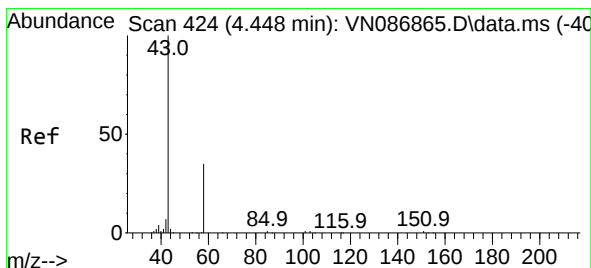
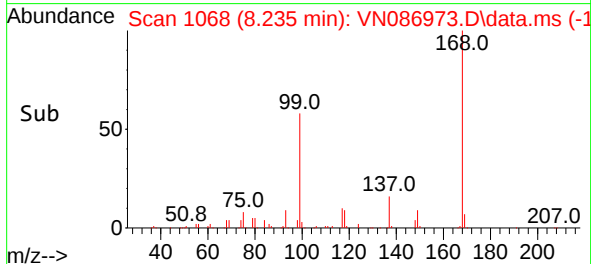
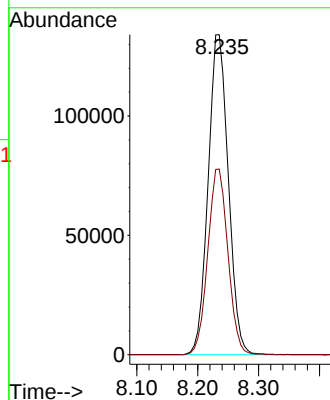
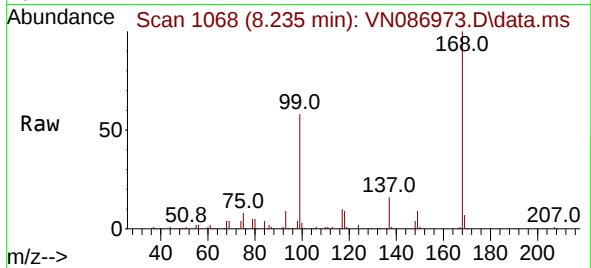




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

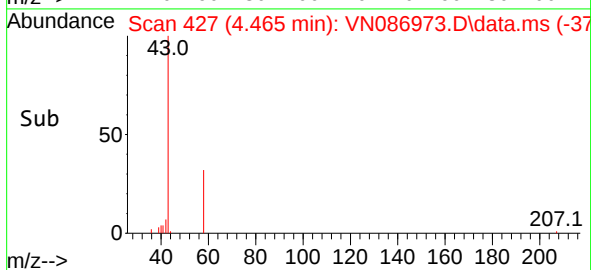
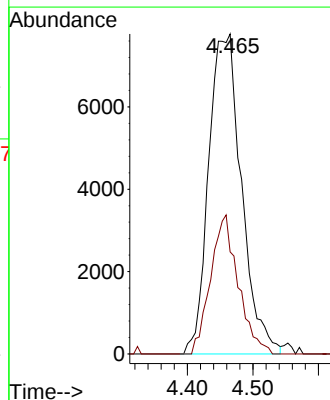
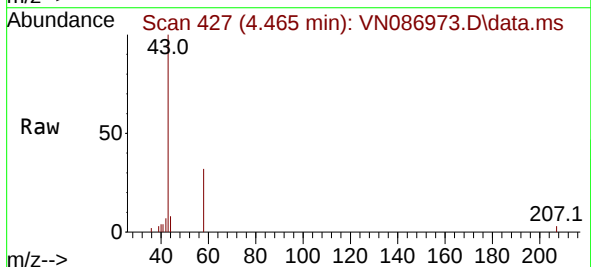
Instrument :
MSVOA_N
ClientSampleId :
TP12-MHK-WC

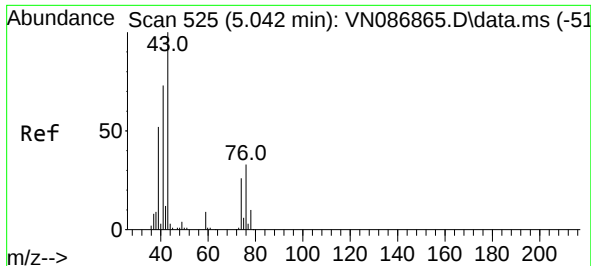
Tgt Ion:168 Resp: 308710
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#16
Acetone
Concen: 12.307 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 43 Resp: 26976
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

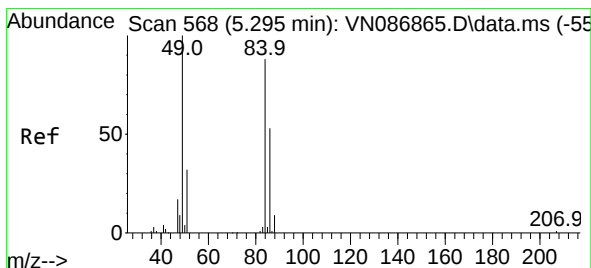
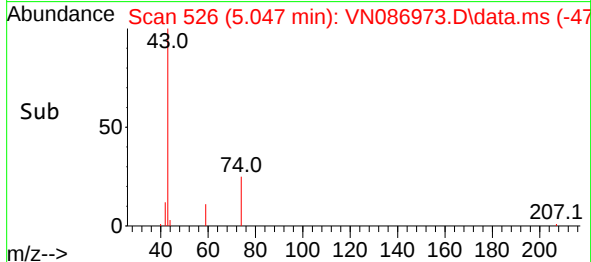
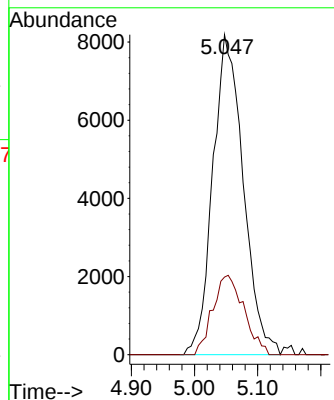
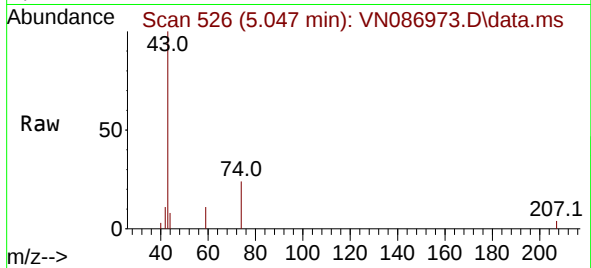




#18
Methyl Acetate
Concen: 4.294 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

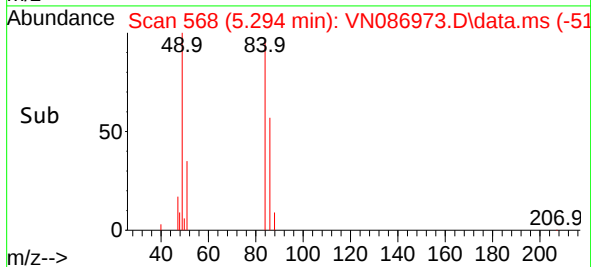
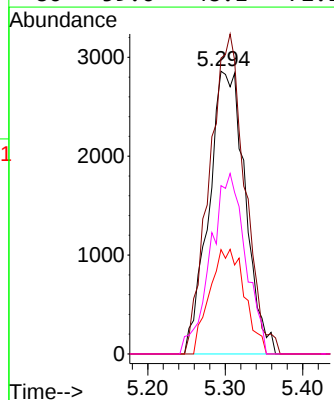
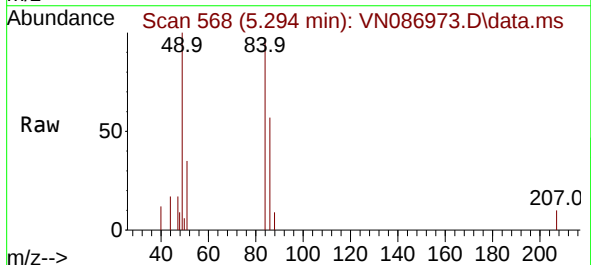
Instrument :
MSVOA_N
ClientSampleId :
TP12-MHK-WC

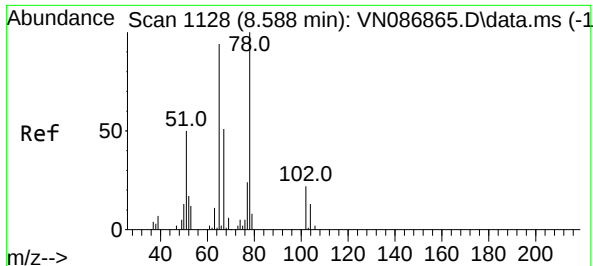
Tgt Ion: 43 Resp: 27430
Ion Ratio Lower Upper
43 100
74 25.4 20.7 31.1



#20
Methylene Chloride
Concen: 2.280 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 84 Resp: 9356
Ion Ratio Lower Upper
84 100
49 104.7 90.5 135.7
51 36.9 28.5 42.7
86 59.6 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 52.356 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086973.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

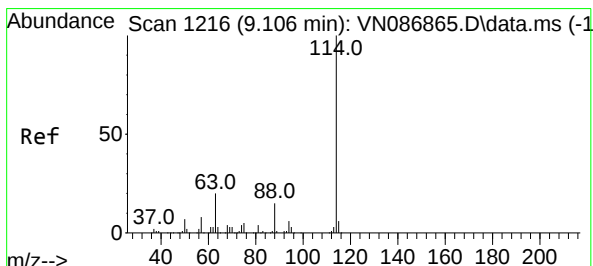
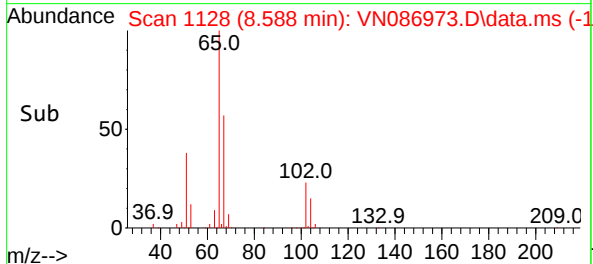
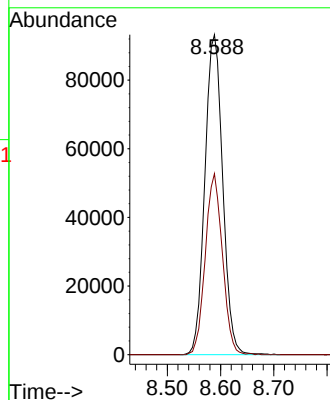
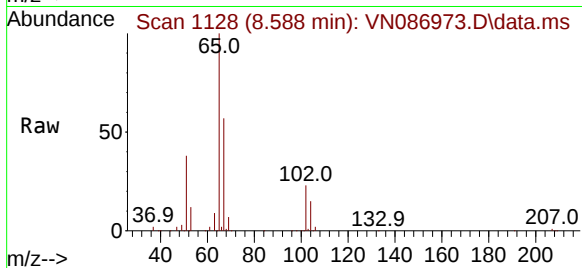
TP12-MHK-WC

Tgt Ion: 65 Resp: 216403

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086973.D

Acq: 12 Jun 2025 13:38

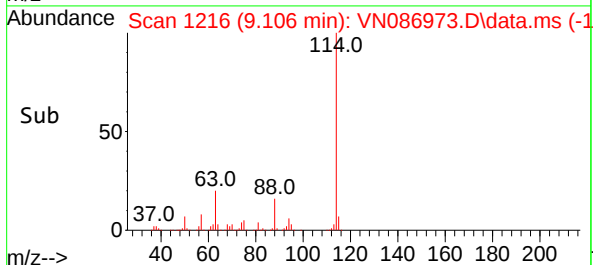
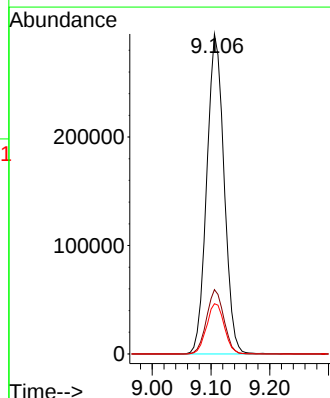
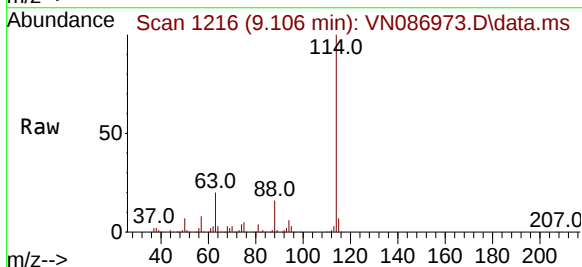
Tgt Ion: 114 Resp: 601460

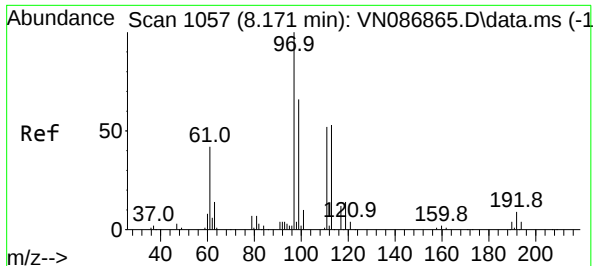
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.7 0.0 30.2

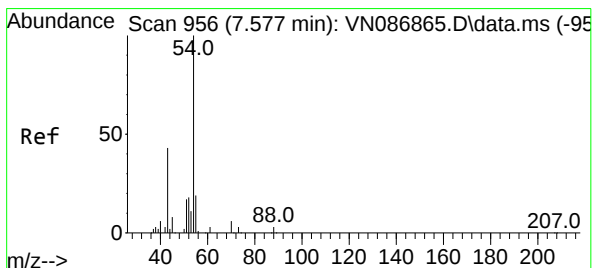
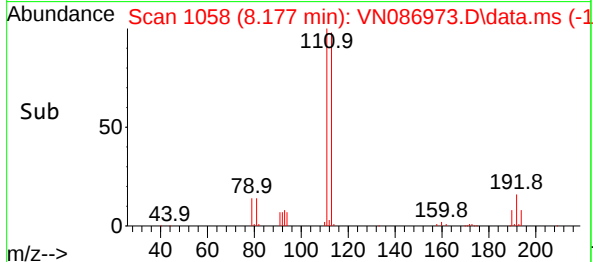
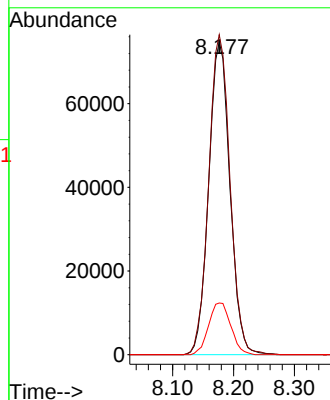
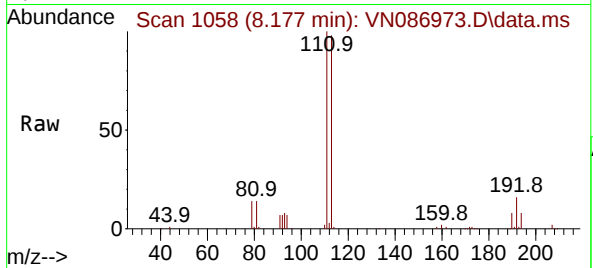




#35
Dibromofluoromethane
Concen: 50.791 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

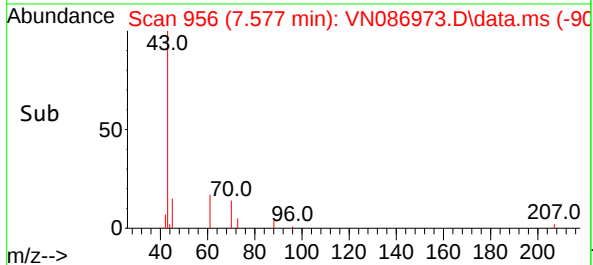
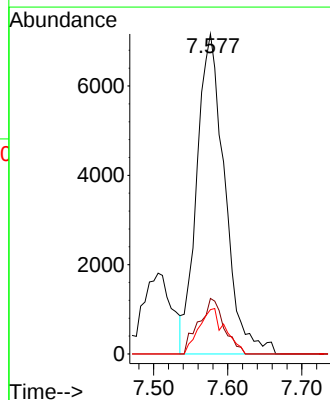
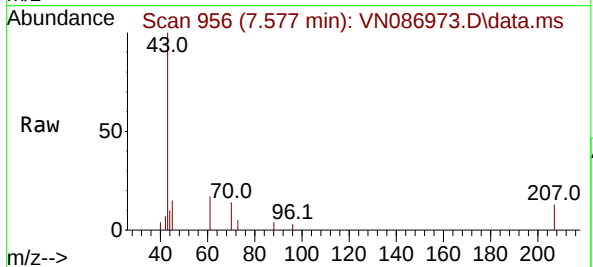
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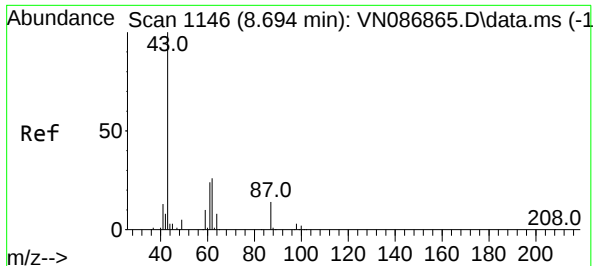
Tgt Ion:113 Resp: 181039
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 17.4 14.2 21.4



#37
Ethyl Acetate
Concen: 2.777 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 43 Resp: 18778
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 13.3 9.8 14.6

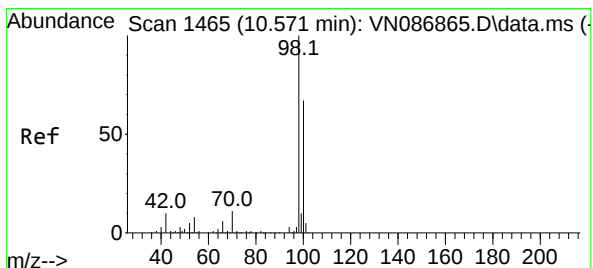
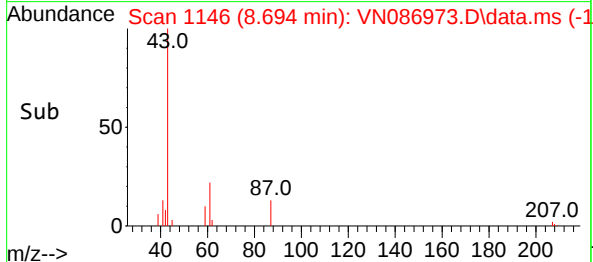
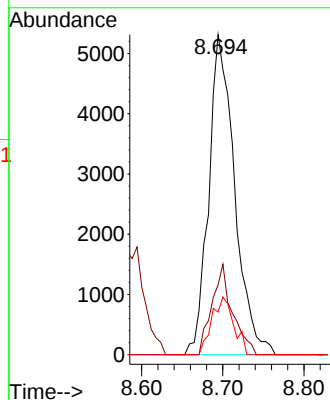
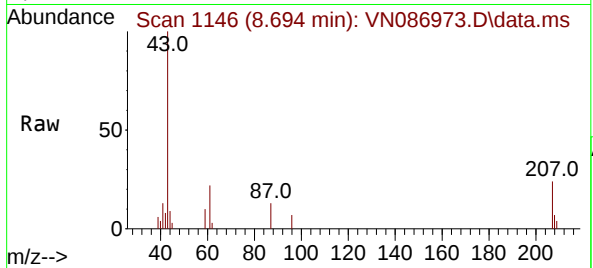




#43
Isopropyl Acetate
Concen: 1.088 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

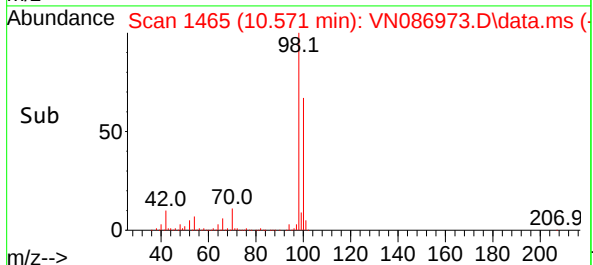
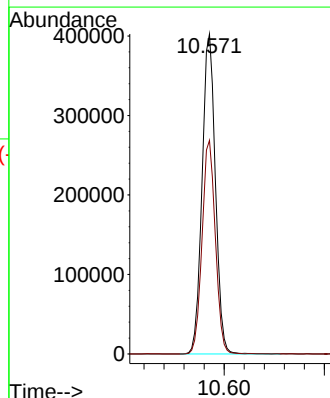
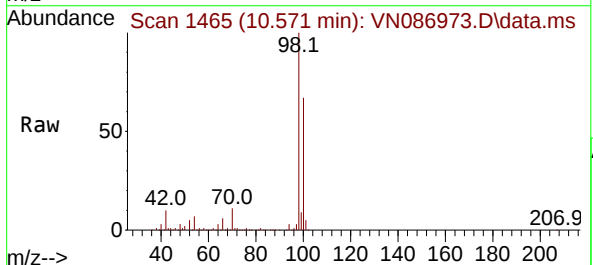
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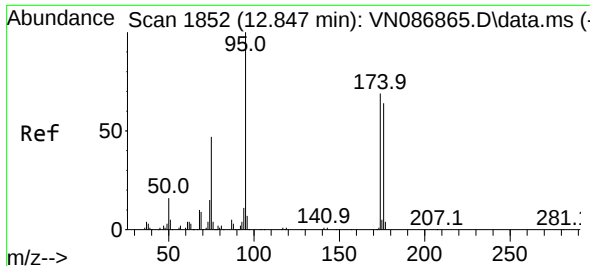
Tgt Ion:	43	Resp:	11803
Ion	Ratio	Lower	Upper
43	100		
61	22.4	22.1	33.1
87	15.1	11.8	17.6



#50
Toluene-d8
Concen: 52.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

Tgt Ion:	98	Resp:	740754
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0

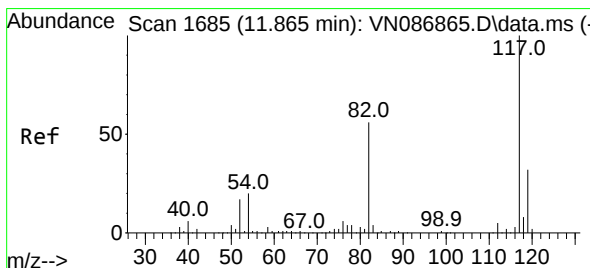
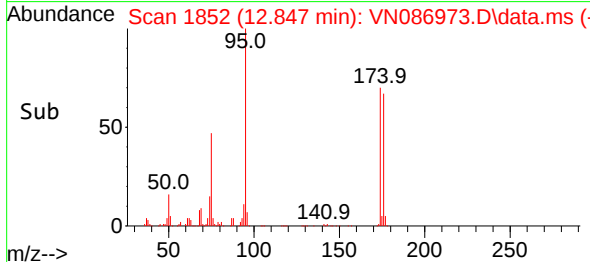
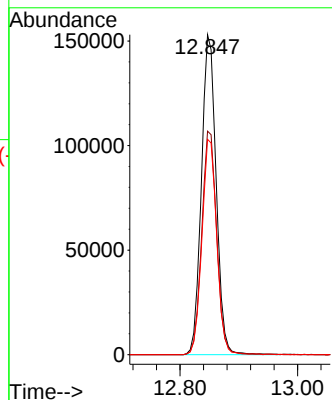
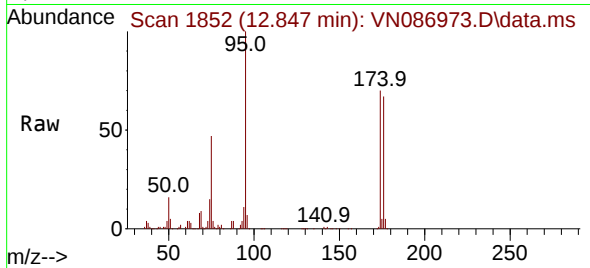




#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

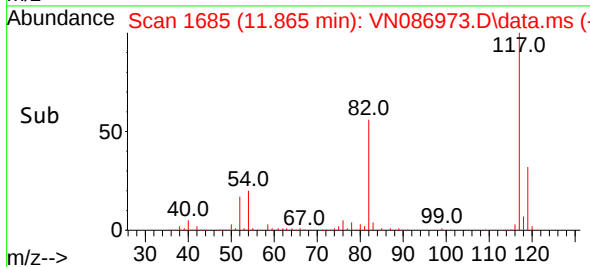
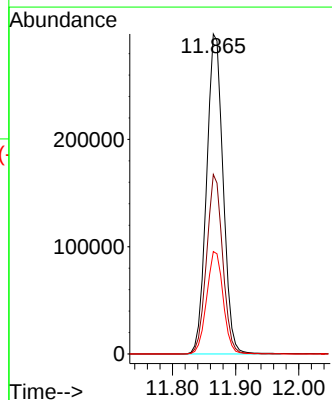
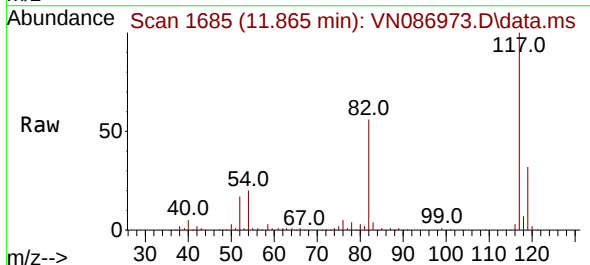
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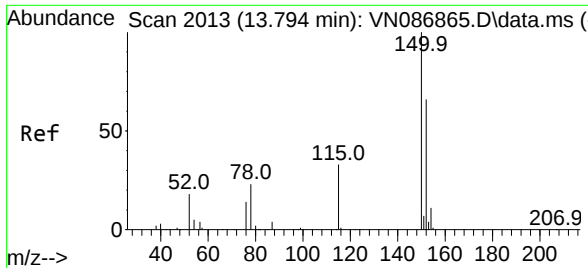
Tgt Ion: 95 Resp: 266883
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 67.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

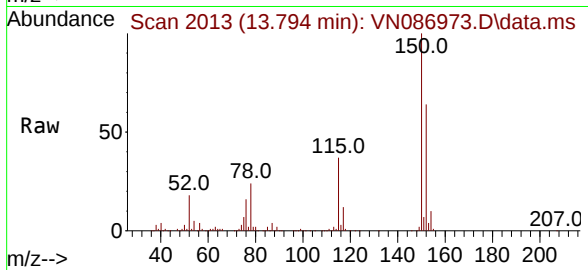
Tgt Ion: 117 Resp: 542008
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.0 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086973.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
TP12-MHK-WC



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.5
150	157.5	0.0	345.0

