

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086979.D
 Acq On : 12 Jun 2025 15:54
 Operator : JC\MD
 Sample : Q2273-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Quant Time: Jun 13 01:29:39 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)

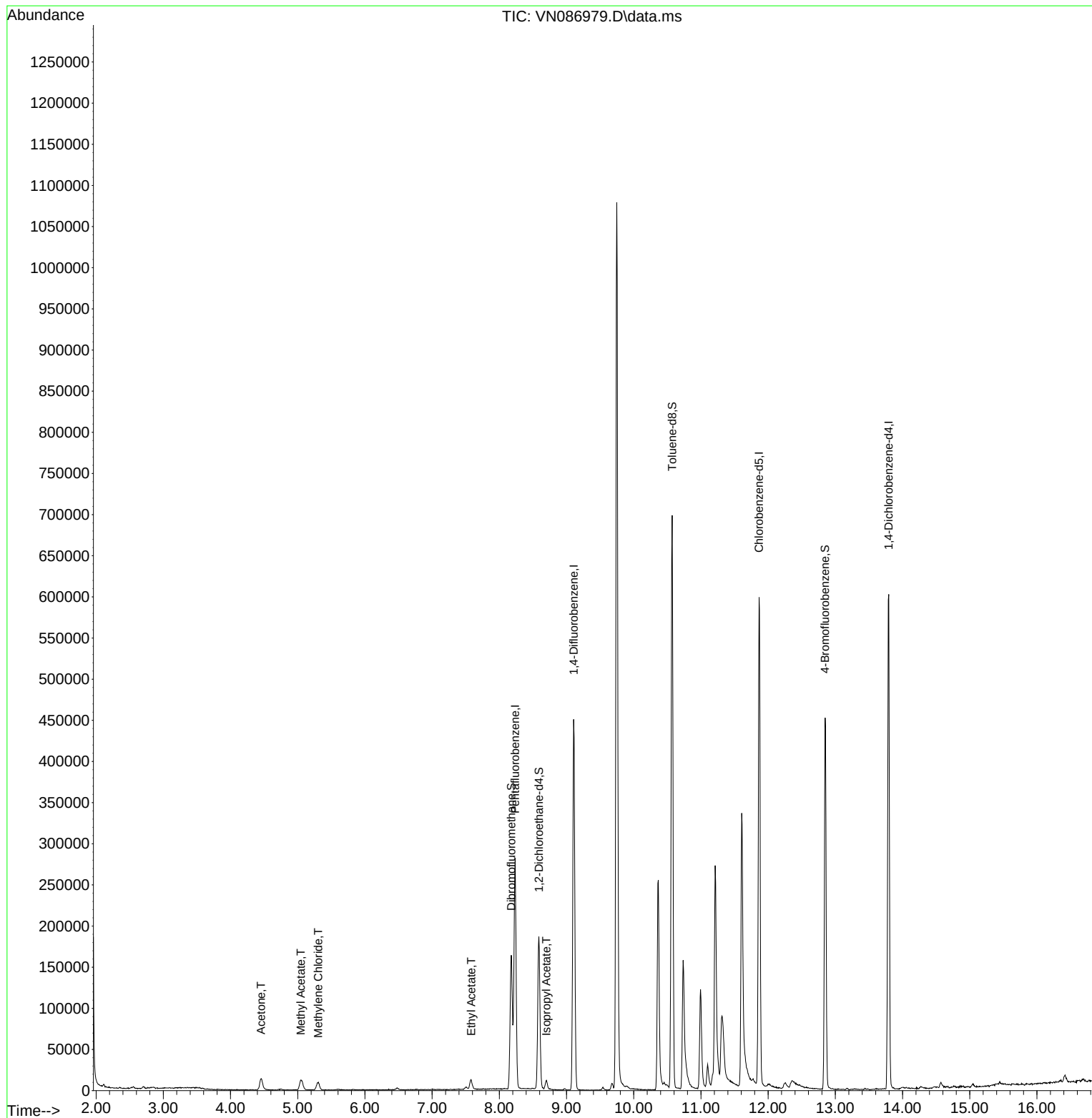
Internal Standards						
1) Pentafluorobenzene	8.236	168	213622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	414501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	152946	53.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.940%	
35) Dibromofluoromethane	8.177	113	125512	51.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.200%	
50) Toluene-d8	10.571	98	511198	52.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.847	95	185252	51.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	27808	18.334	ug/l	93
18) Methyl Acetate	5.048	43	28573	6.464	ug/l	98
20) Methylene Chloride	5.306	84	8702	3.064	ug/l	90
37) Ethyl Acetate	7.583	43	19081	4.095	ug/l	99
43) Isopropyl Acetate	8.700	43	12458	1.666	ug/l	96

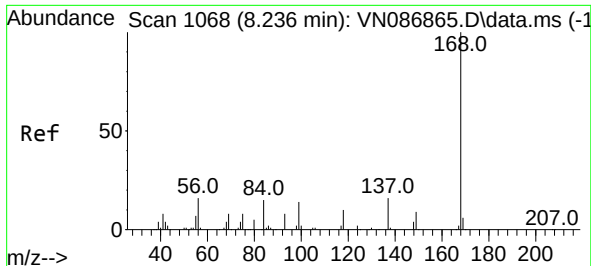
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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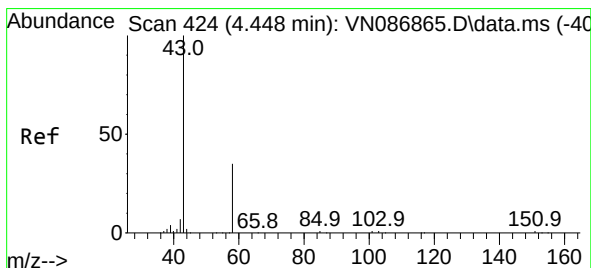
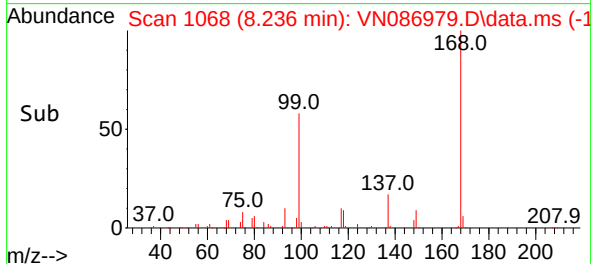
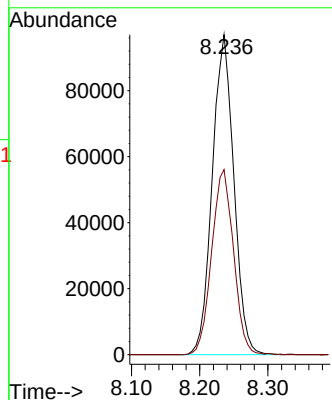
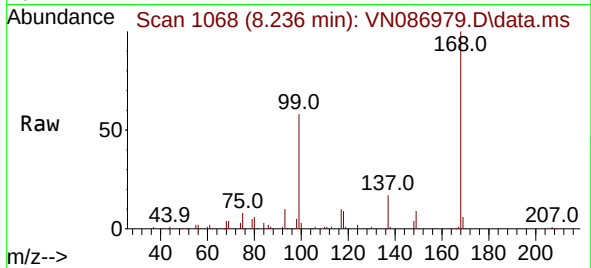




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

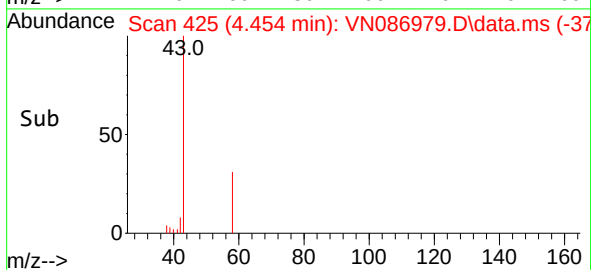
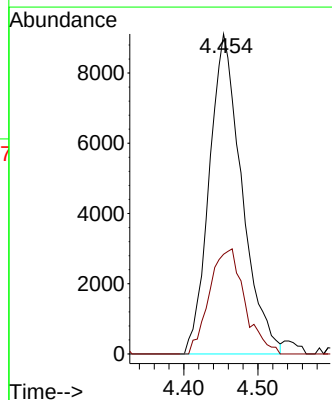
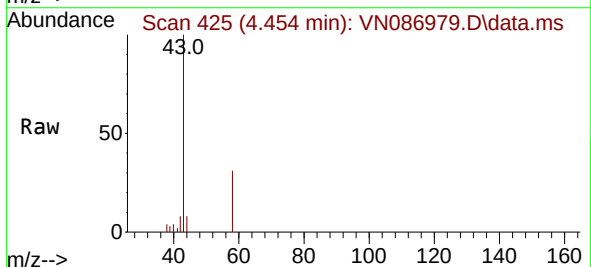
Instrument :
MSVOA_N
ClientSampleId :
WC-6

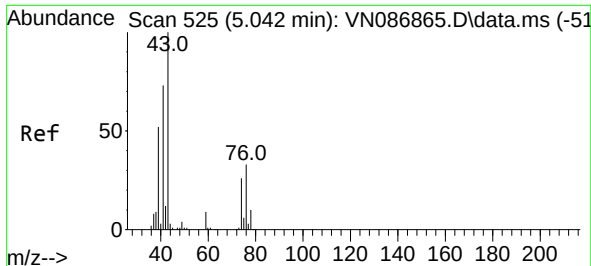
Tgt Ion:168 Resp: 213622
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#16
Acetone
Concen: 18.334 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

Tgt Ion: 43 Resp: 27808
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0

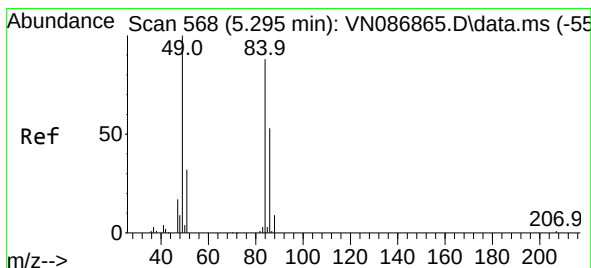
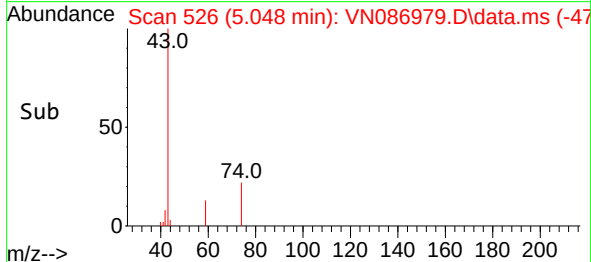
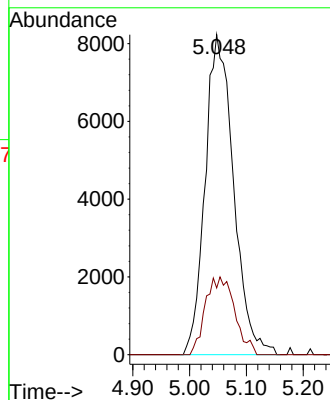
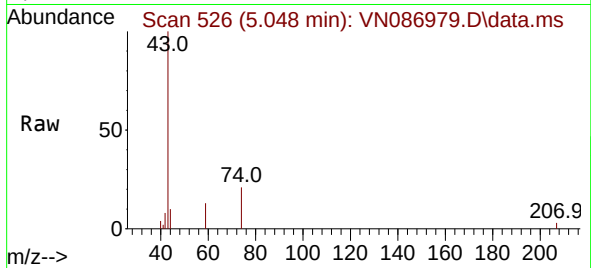




#18
Methyl Acetate
Concen: 6.464 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

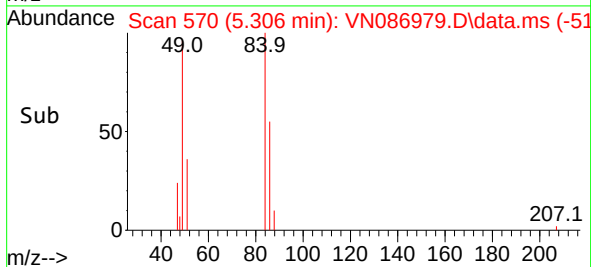
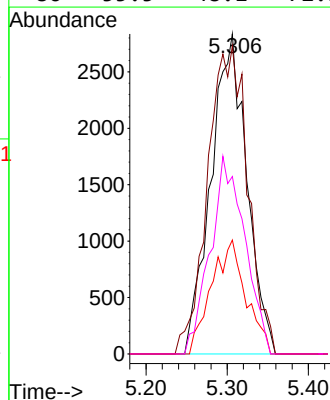
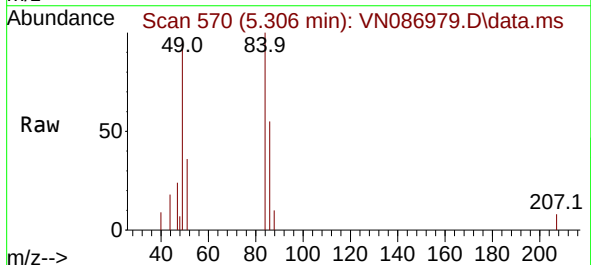
Instrument :
MSVOA_N
ClientSampleId :
WC-6

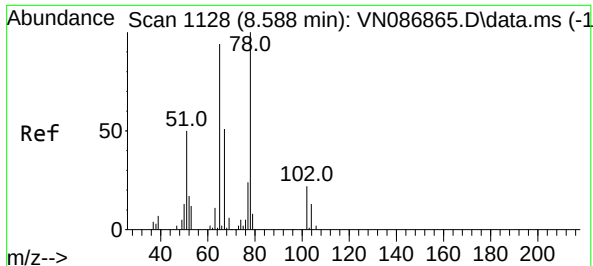
Tgt Ion: 43 Resp: 28573
Ion Ratio Lower Upper
43 100
74 25.0 20.7 31.1



#20
Methylene Chloride
Concen: 3.064 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

Tgt Ion: 84 Resp: 8702
Ion Ratio Lower Upper
84 100
49 96.3 90.5 135.7
51 35.6 28.5 42.7
86 55.5 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 53.475 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086979.D

Acq: 12 Jun 2025 15:54

Instrument :

MSVOA_N

ClientSampleId :

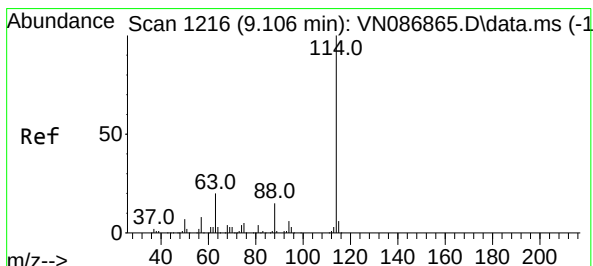
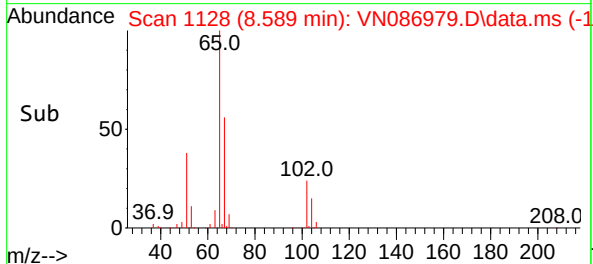
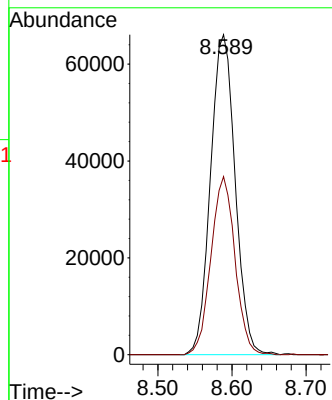
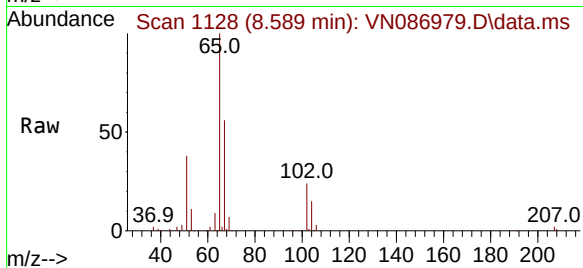
WC-6

Tgt Ion: 65 Resp: 152946

Ion Ratio Lower Upper

65 100

67 54.2 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: VN086979.D

Acq: 12 Jun 2025 15:54

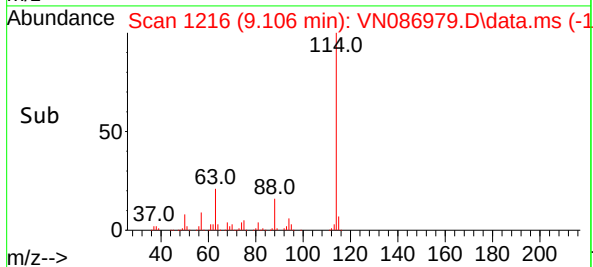
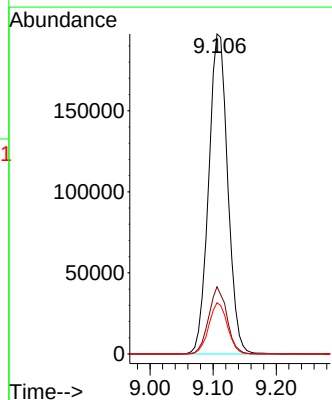
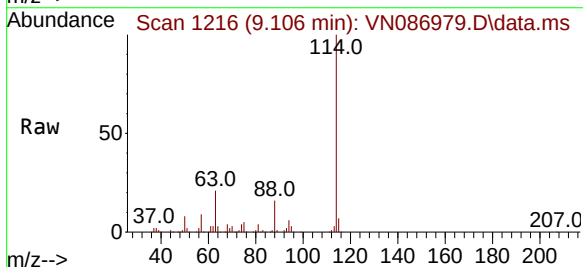
Tgt Ion: 114 Resp: 414501

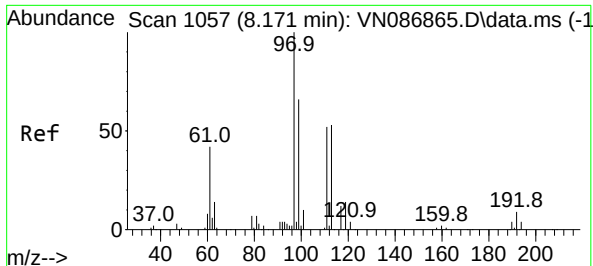
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 16.0 0.0 30.2

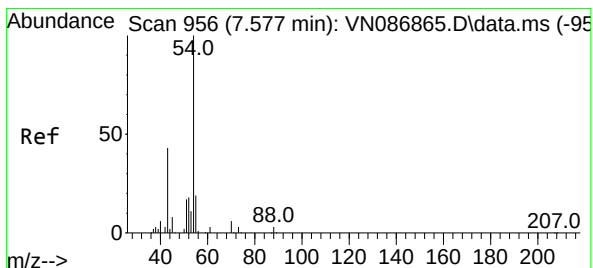
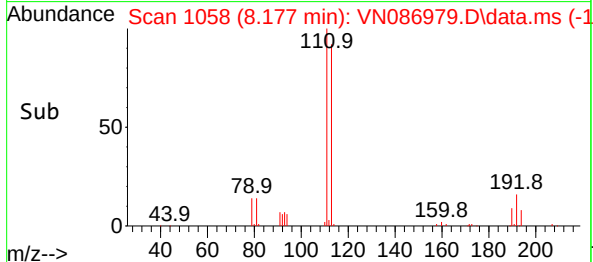
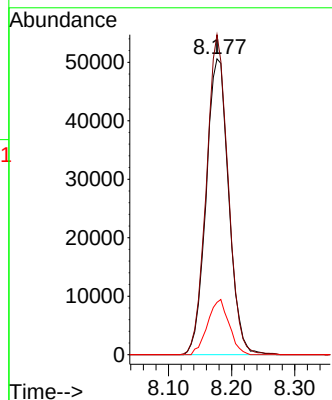
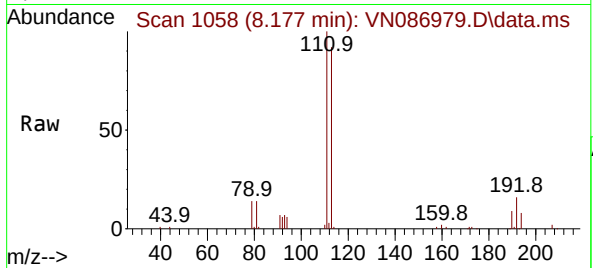




#35
Dibromofluoromethane
Concen: 51.095 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

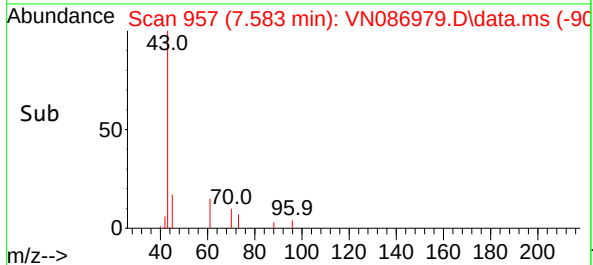
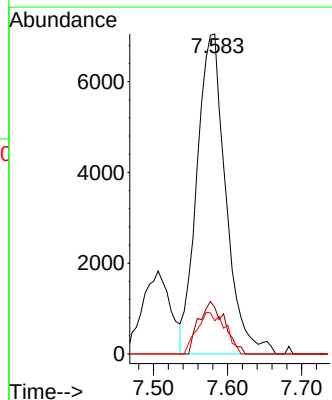
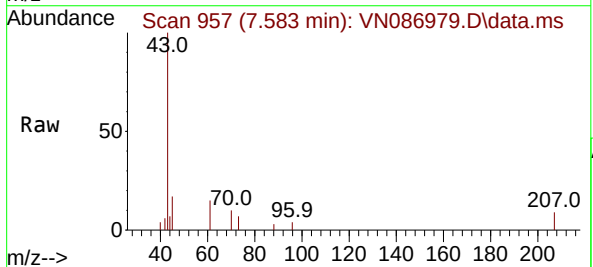
Instrument :
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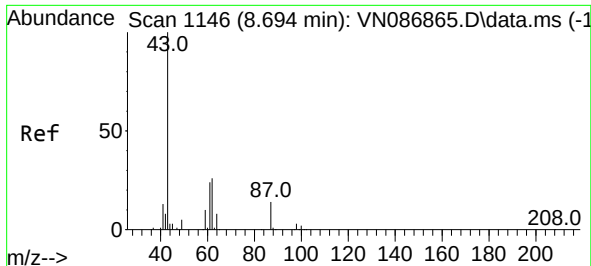
Tgt Ion:113 Resp: 125512
Ion Ratio Lower Upper
113 100
111 104.1 84.2 126.2
192 17.7 14.2 21.4



#37
Ethyl Acetate
Concen: 4.095 ug/l
RT: 7.583 min Scan# 957
Delta R.T. 0.006 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

Tgt Ion: 43 Resp: 19081
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 12.8 9.8 14.6

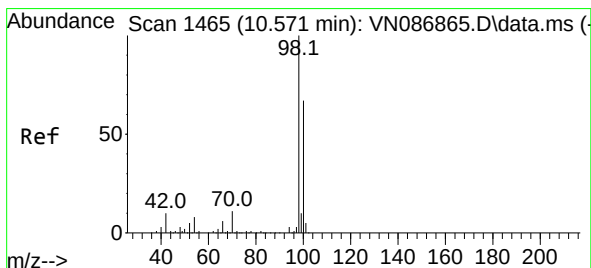
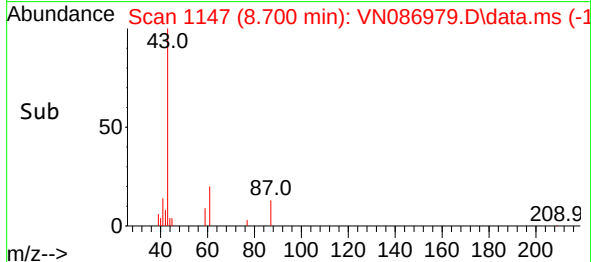
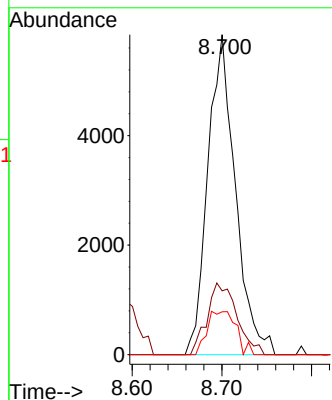
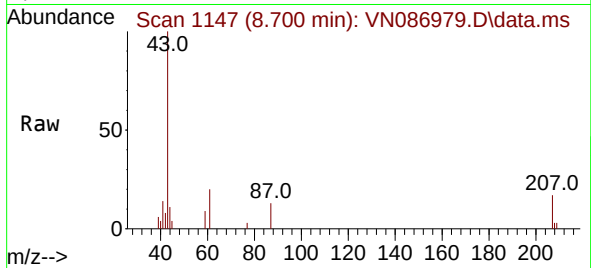




#43
Isopropyl Acetate
Concen: 1.666 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

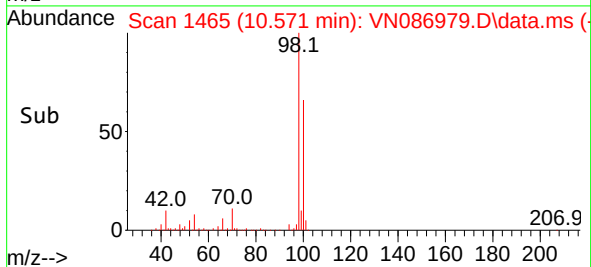
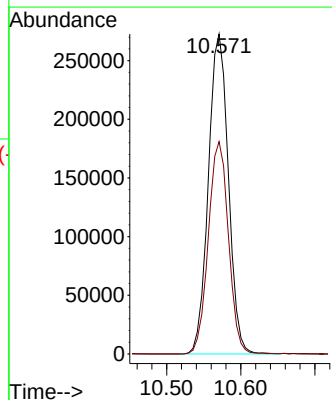
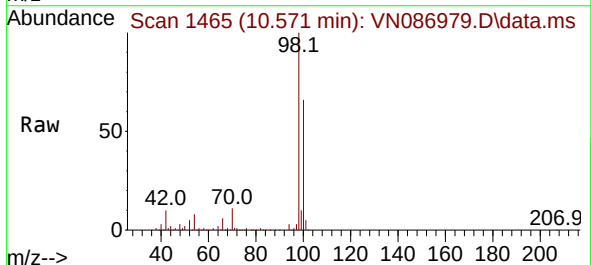
Instrument :
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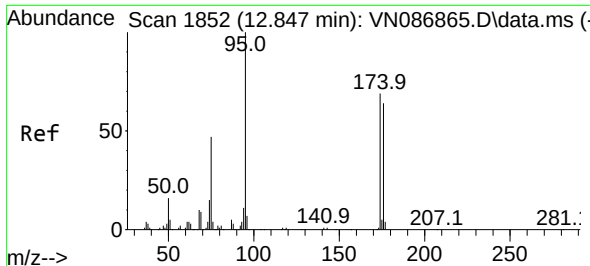
Tgt Ion: 43 Resp: 12458
Ion Ratio Lower Upper
43 100
61 24.3 22.1 33.1
87 14.3 11.8 17.6



#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

Tgt Ion: 98 Resp: 511198
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0

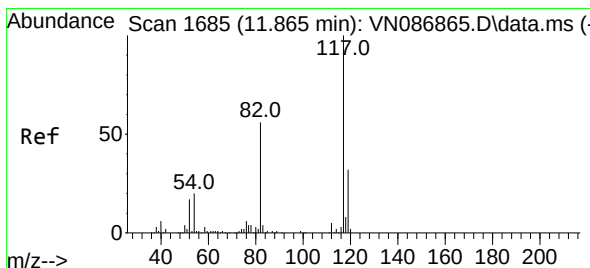
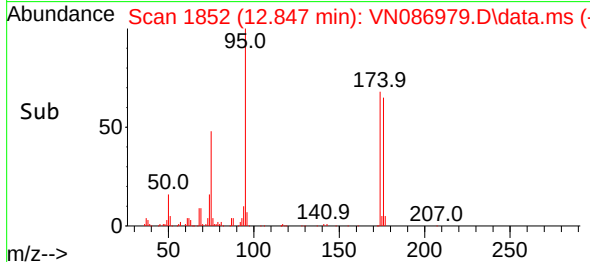
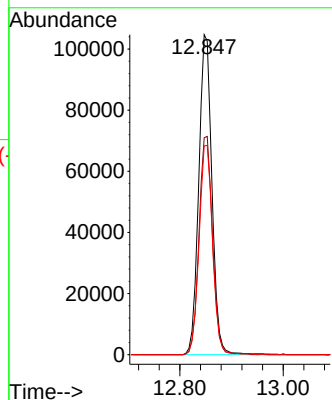
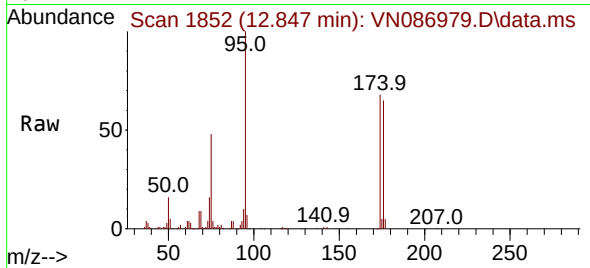




#62
4-Bromofluorobenzene
Concen: 51.275 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

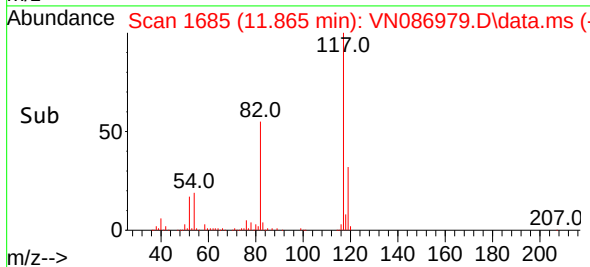
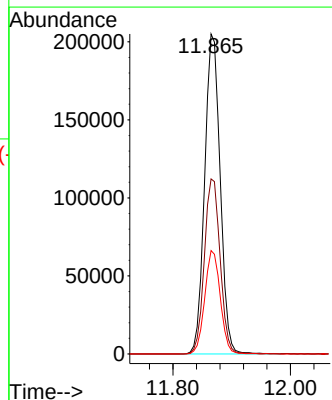
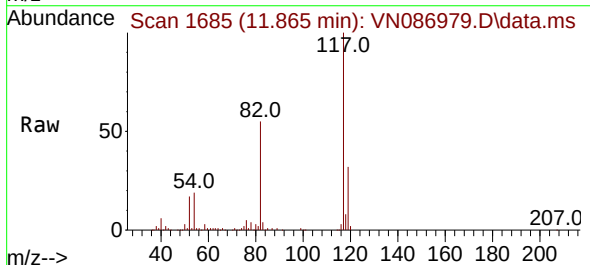
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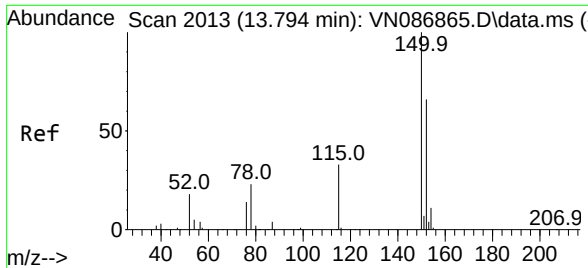
Tgt Ion: 95 Resp: 185252
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.8
176 66.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

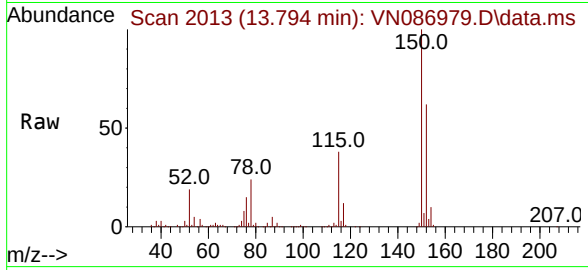
Tgt Ion: 117 Resp: 376760
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.3 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086979.D
Acq: 12 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
WC-6



Tgt Ion:152 Resp: 177711
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.5
150 159.4 0.0 345.0

