

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087056.D
 Acq On : 17 Jun 2025 14:00
 Operator : JC\MD
 Sample : PB168498TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168498TB

Quant Time: Jun 18 01:47:50 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)

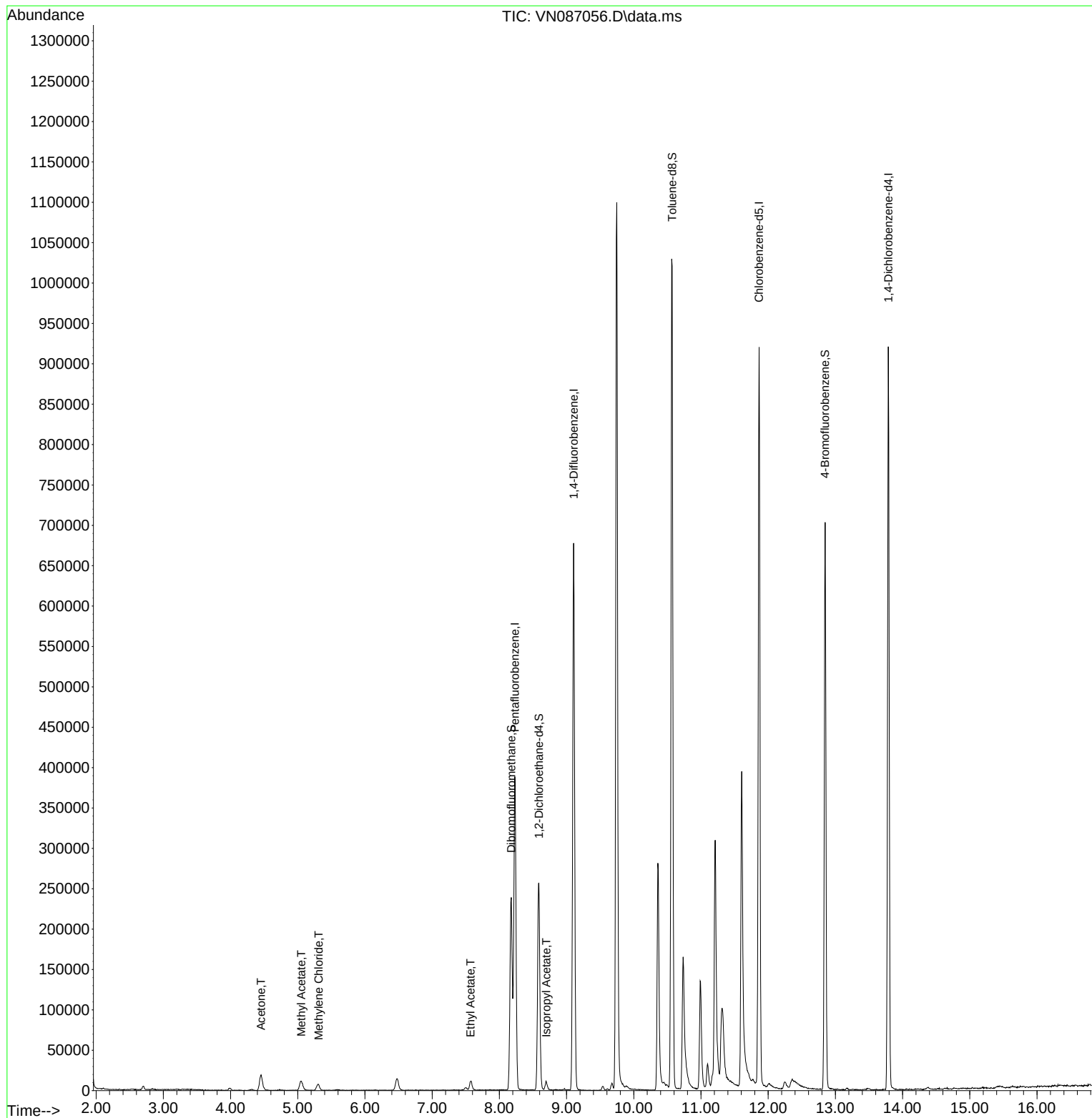
Internal Standards						
1) Pentafluorobenzene	8.229	168	313622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	629864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	574504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	270183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	214180	51.007	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.020%		
35) Dibromofluoromethane	8.177	113	189529	50.775	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.560%		
50) Toluene-d8	10.571	98	770845	52.166	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.340%		
62) 4-Bromofluorobenzene	12.847	95	278567	50.740	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.480%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	38066	17.095	ug/l	97
18) Methyl Acetate	5.053	43	25953	3.999	ug/l	97
20) Methylene Chloride	5.312	84	6798	1.631	ug/l #	88
37) Ethyl Acetate	7.571	43	17815	2.516	ug/l	94
43) Isopropyl Acetate	8.700	43	12373	1.089	ug/l	95

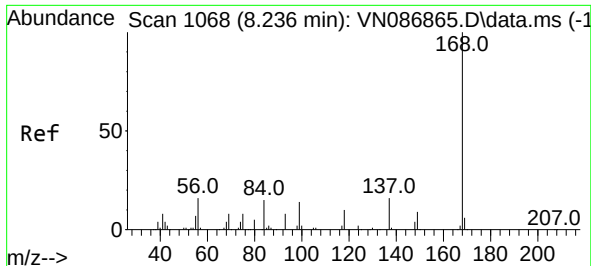
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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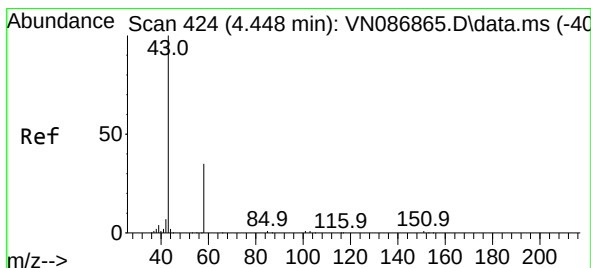
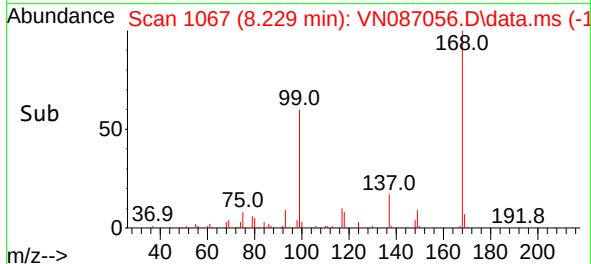
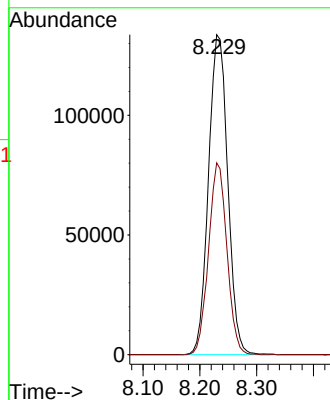
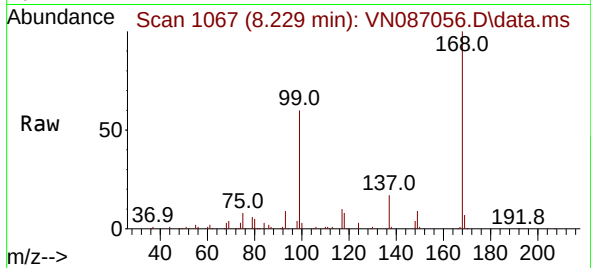




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

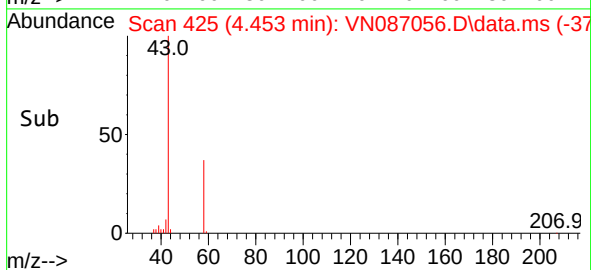
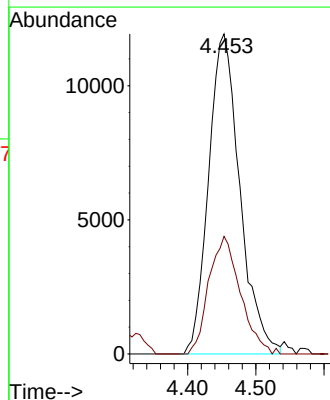
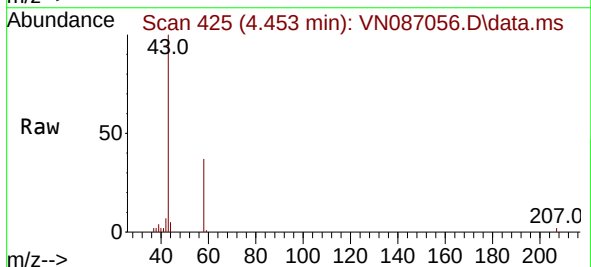
Instrument :
MSVOA_N
ClientSampleId :
PB168498TB

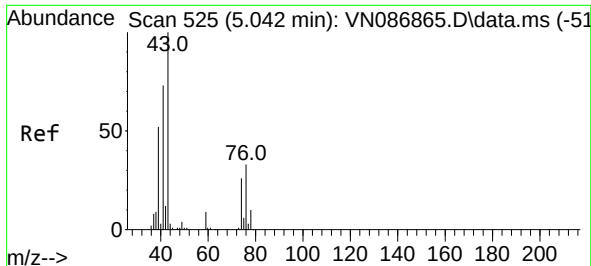
Tgt Ion:168 Resp: 313622
Ion Ratio Lower Upper
168 100
99 60.0 49.1 73.7



#16
Acetone
Concen: 17.095 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

Tgt Ion: 43 Resp: 38066
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0

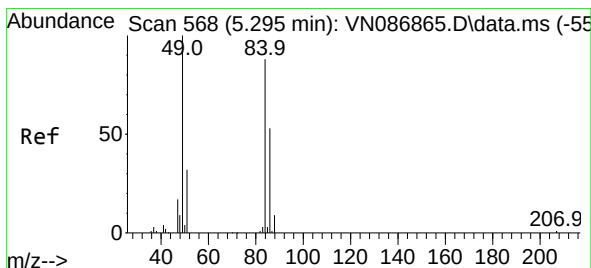
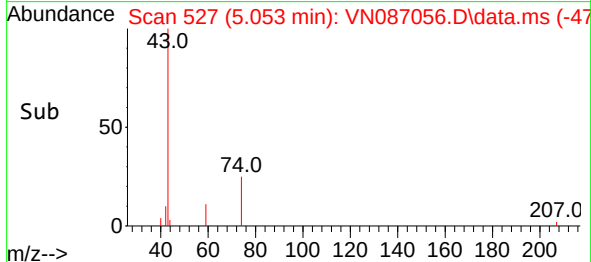
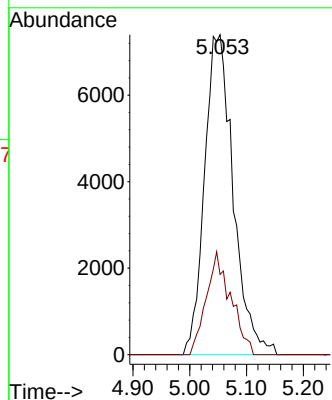
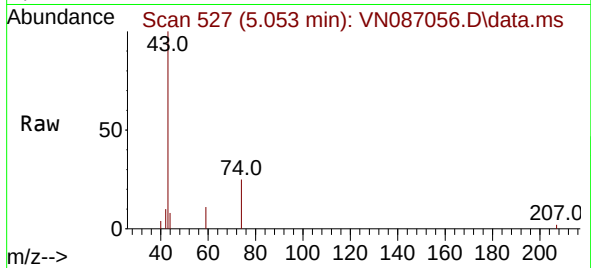




#18
Methyl Acetate
Concen: 3.999 ug/l
RT: 5.053 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

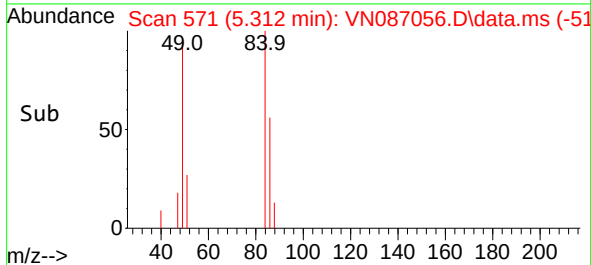
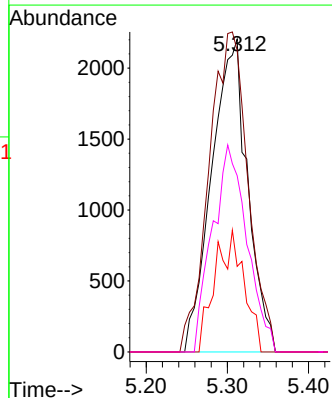
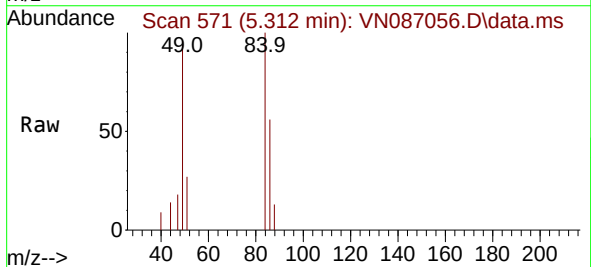
Instrument :
MSVOA_N
ClientSampleId :
PB168498TB

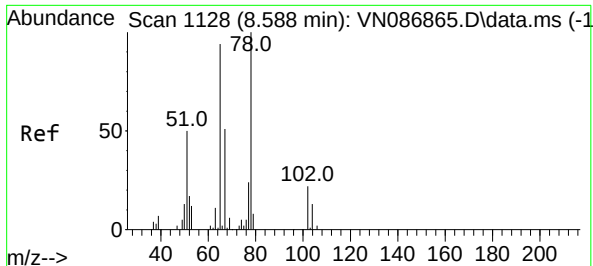
Tgt Ion: 43 Resp: 25953
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1



#20
Methylene Chloride
Concen: 1.631 ug/l
RT: 5.312 min Scan# 571
Delta R.T. 0.017 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

Tgt Ion: 84 Resp: 6798
Ion Ratio Lower Upper
84 100
49 96.4 90.5 135.7
51 27.4 28.5 42.7#
86 56.4 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 51.007 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087056.D

Acq: 17 Jun 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

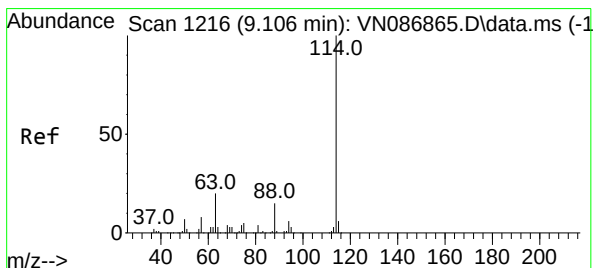
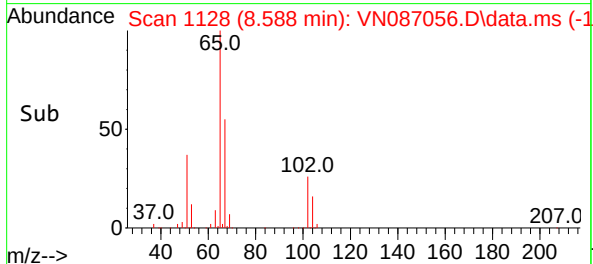
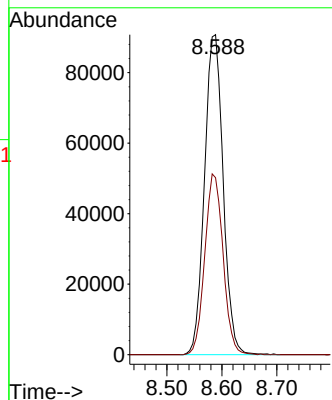
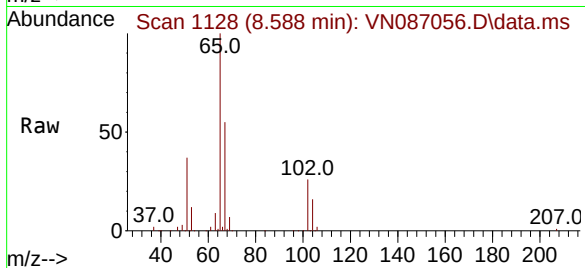
PB168498TB

Tgt Ion: 65 Resp: 214180

Ion Ratio Lower Upper

65 100

67 55.3 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: VN087056.D

Acq: 17 Jun 2025 14:00

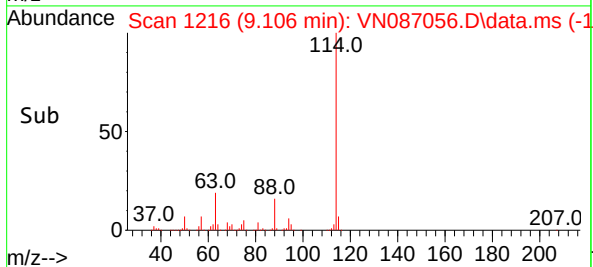
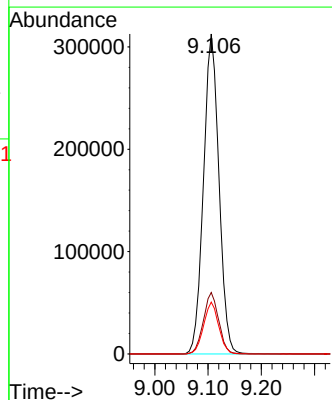
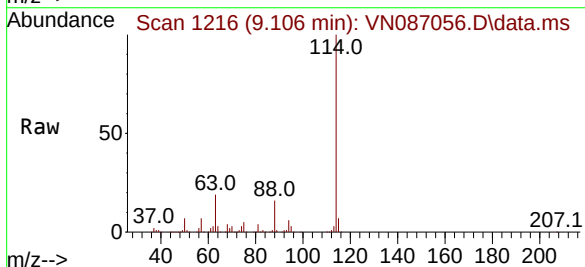
Tgt Ion: 114 Resp: 629864

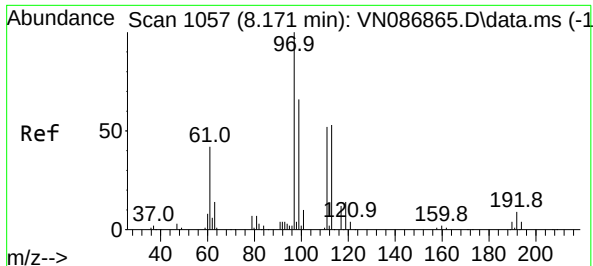
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 16.2 0.0 30.2

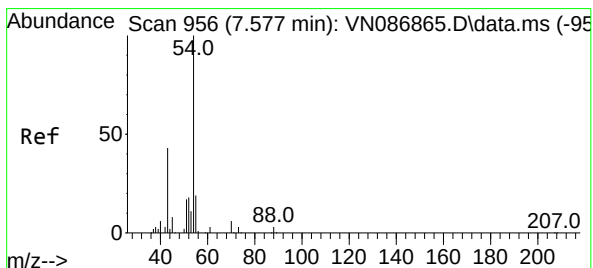
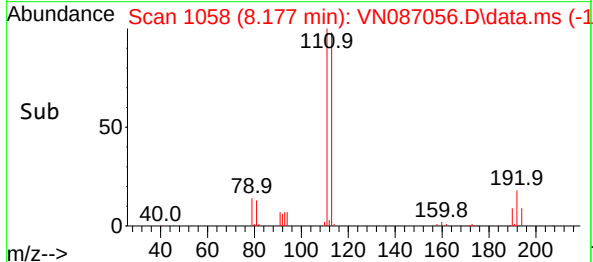
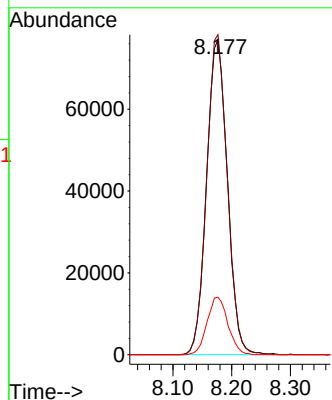
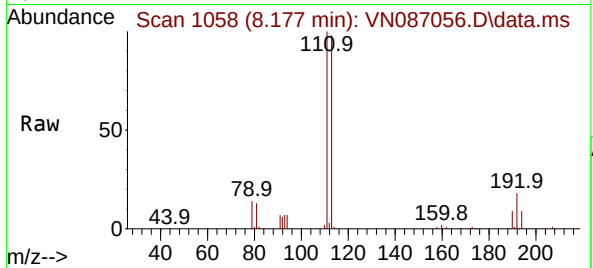




#35
Dibromofluoromethane
Concen: 50.775 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

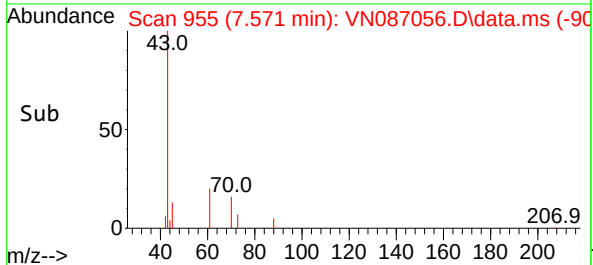
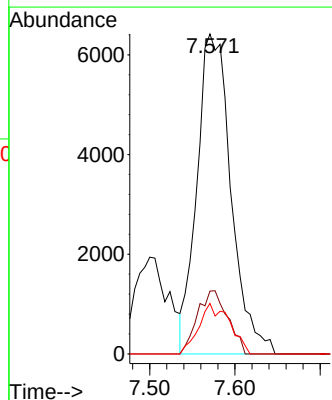
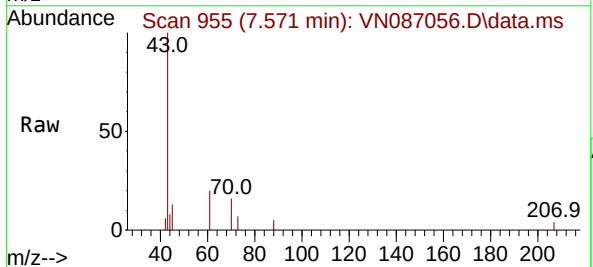
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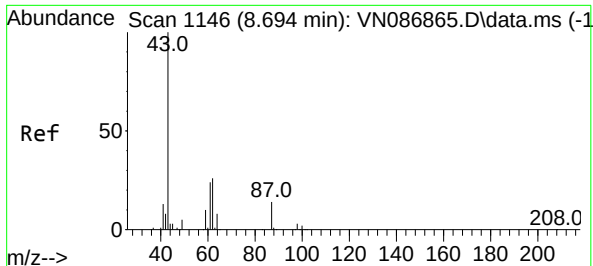
Tgt Ion:113 Resp: 189529
Ion Ratio Lower Upper
113 100
111 100.7 84.2 126.2
192 18.3 14.2 21.4



#37
Ethyl Acetate
Concen: 2.516 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

Tgt Ion: 43 Resp: 17815
Ion Ratio Lower Upper
43 100
61 17.6 12.1 18.1
70 14.3 9.8 14.6

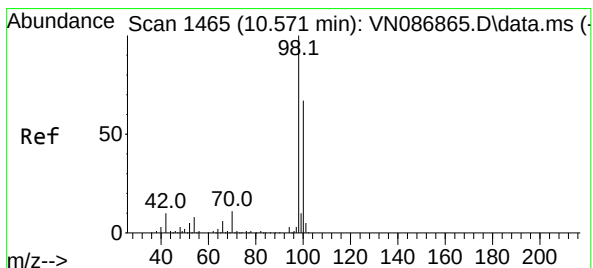
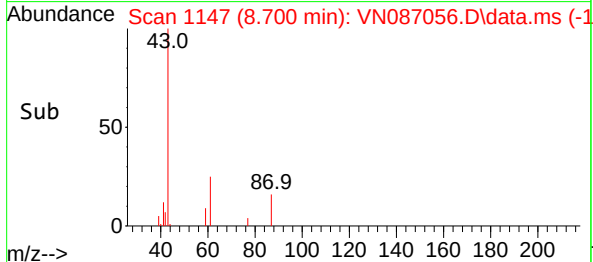
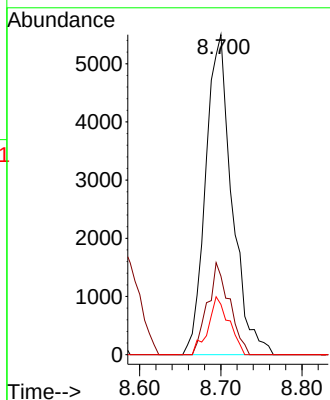
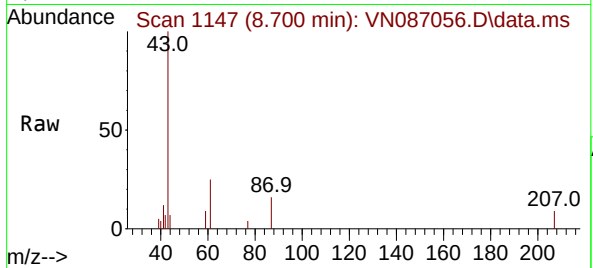




#43
Isopropyl Acetate
Concen: 1.089 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

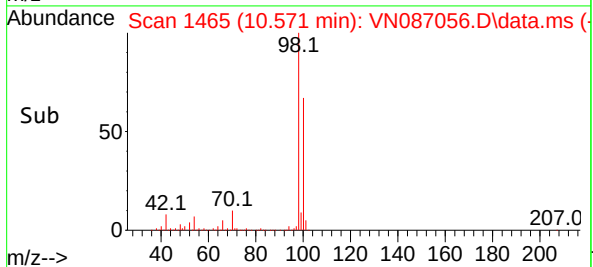
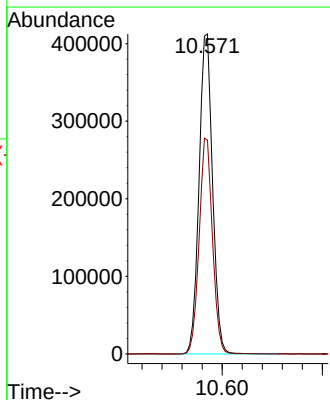
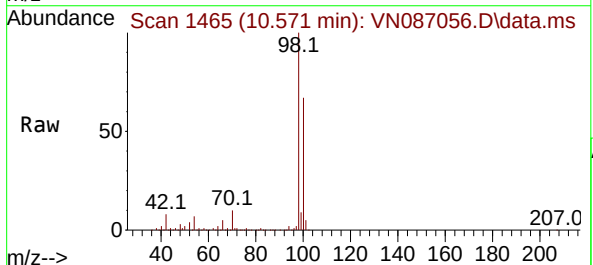
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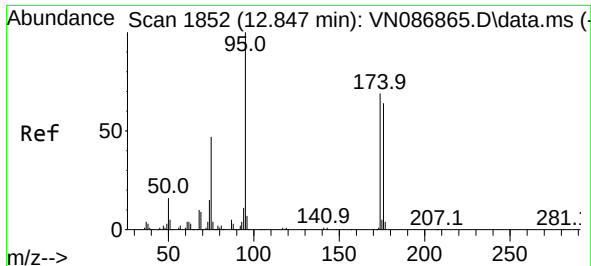
Tgt Ion: 43 Resp: 12373
Ion Ratio Lower Upper
43 100
61 23.9 22.1 33.1
87 14.3 11.8 17.6



#50
Toluene-d8
Concen: 52.166 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

Tgt Ion: 98 Resp: 770845
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

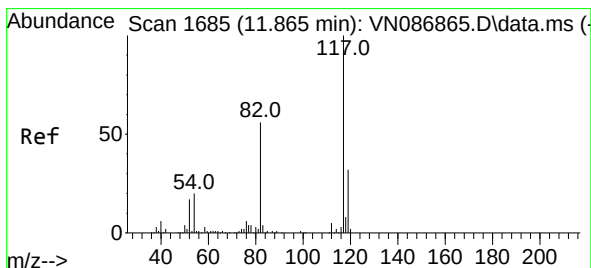
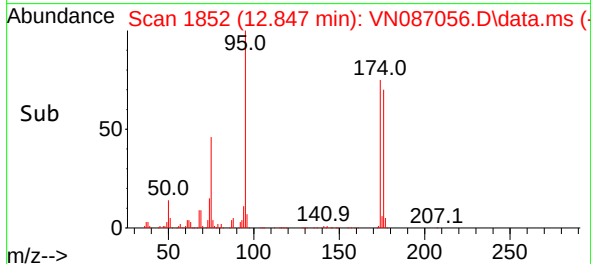
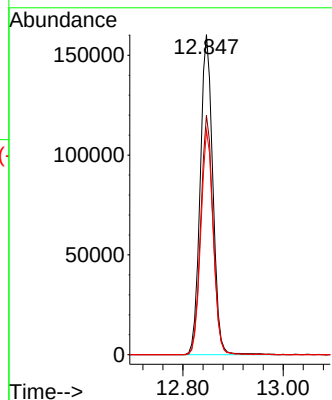
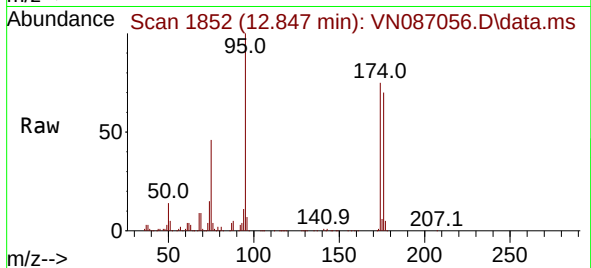




#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

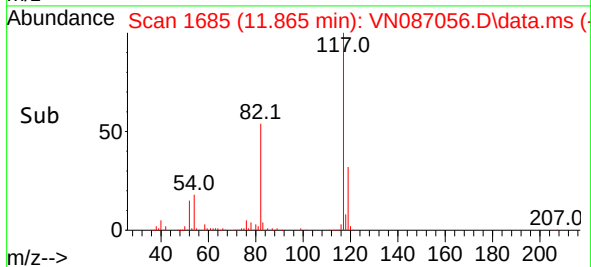
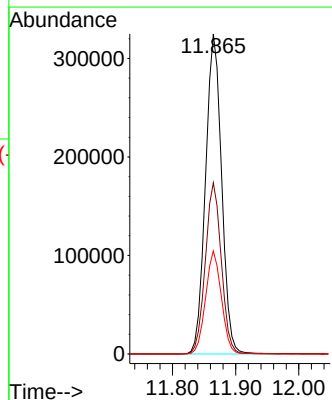
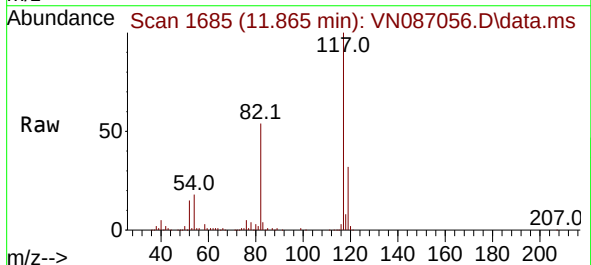
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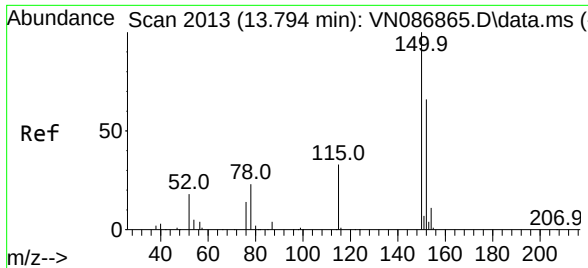
Tgt Ion: 95 Resp: 278567
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 69.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087056.D
Acq: 17 Jun 2025 14:00

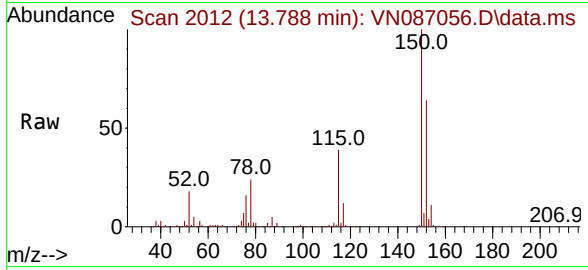
Tgt Ion: 117 Resp: 574504
Ion Ratio Lower Upper
117 100
82 53.5 44.6 67.0
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087056.D
 Acq: 17 Jun 2025 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168498TB



Tgt Ion:	152	Resp:	270183
Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	157.6	0.0	345.0

