

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086853.D
 Acq On : 03 Jun 2025 19:23
 Operator : JC\MD
 Sample : PB168225ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#14

Quant Time: Jun 04 02:05:26 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)

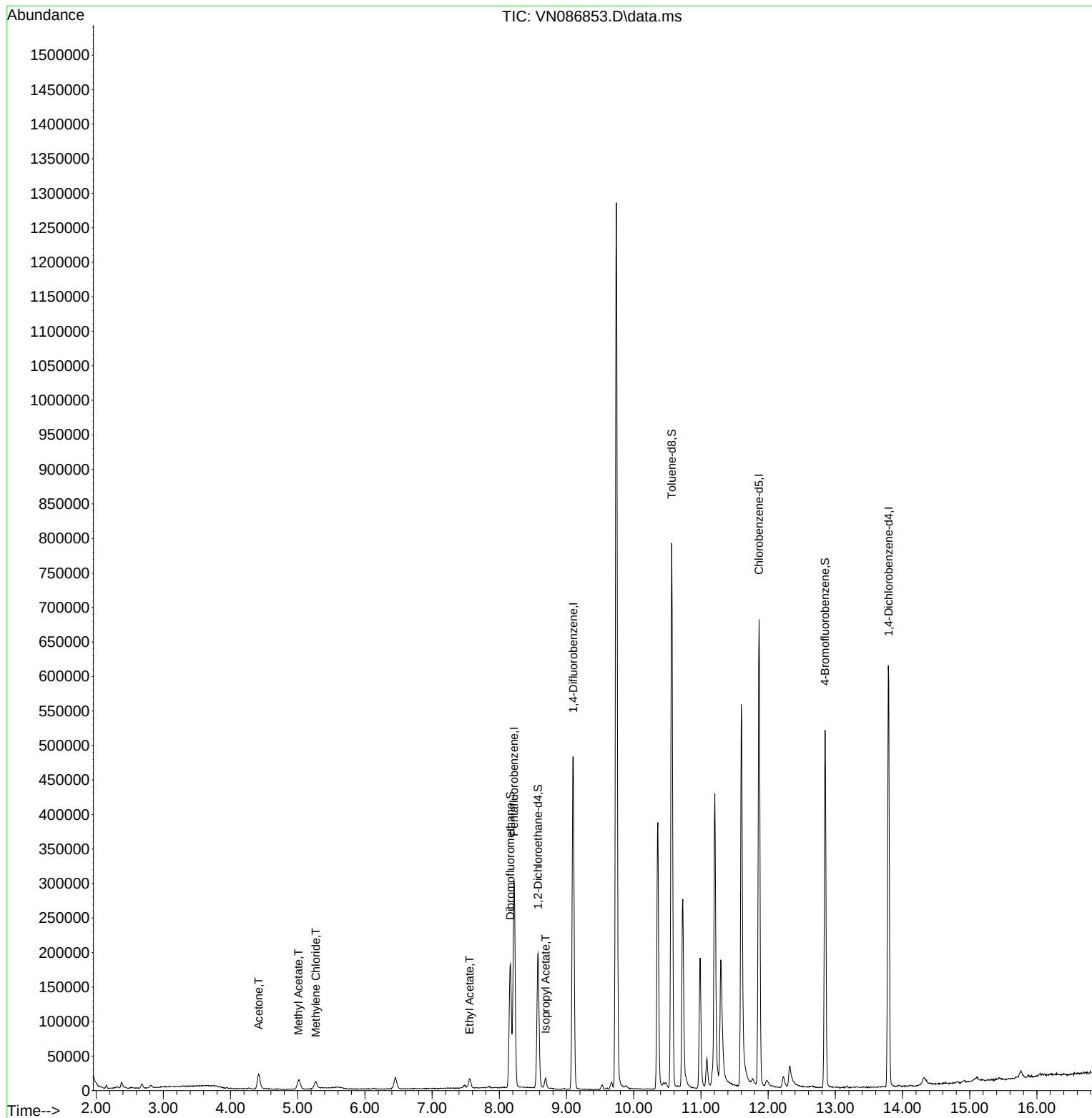
Internal Standards						
1) Pentafluorobenzene	8.218	168	228317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160318	50.815	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.640%		
35) Dibromofluoromethane	8.165	113	138867	52.306	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.620%		
50) Toluene-d8	10.565	98	562207	51.100	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.200%		
62) 4-Bromofluorobenzene	12.847	95	200657	51.652	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.300%		
Target Compounds						
						Qvalue
16) Acetone	4.418	43	42258	35.807	ug/l	97
18) Methyl Acetate	5.012	43	30056	9.099	ug/l	97
20) Methylene Chloride	5.271	84	8524	2.737	ug/l	97
37) Ethyl Acetate	7.559	43	20867	5.275	ug/l	98
43) Isopropyl Acetate	8.688	43	16524	2.084	ug/l	93

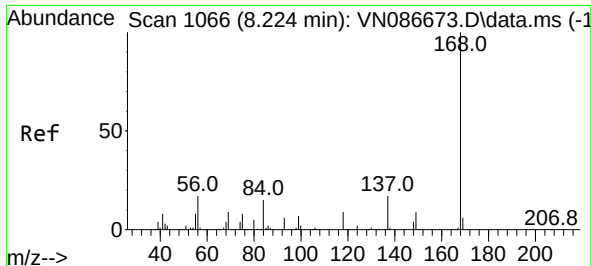
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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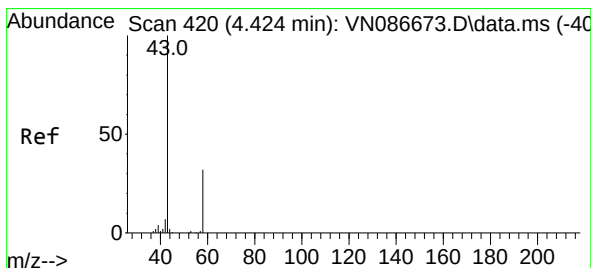
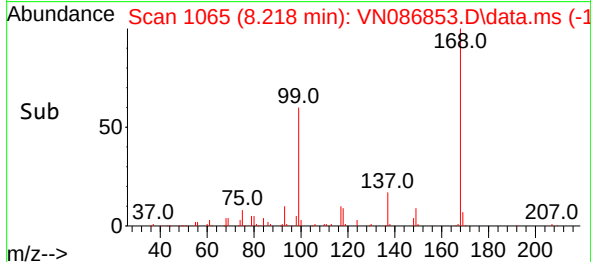
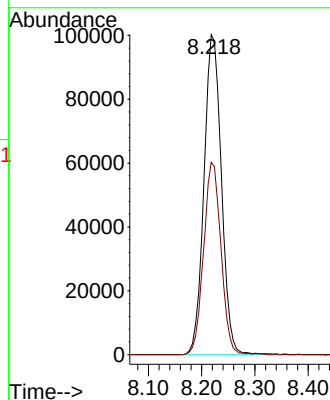
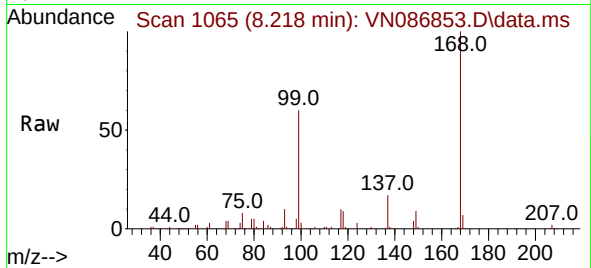




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

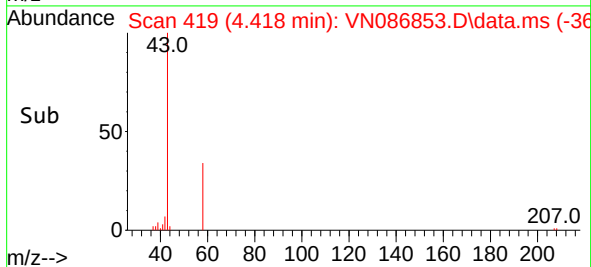
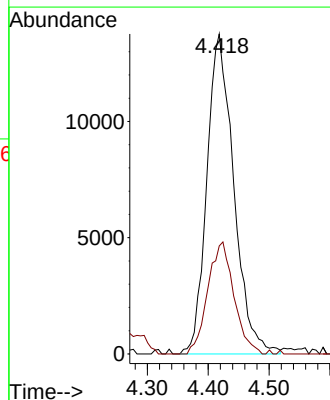
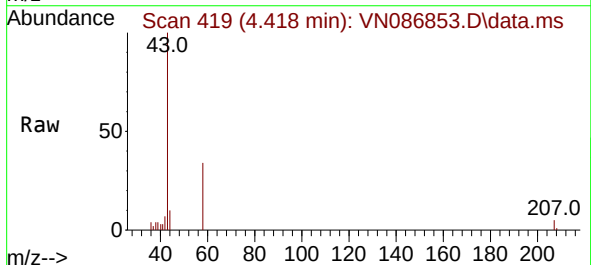
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#14

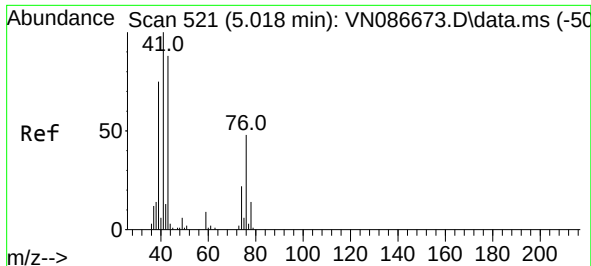
Tgt Ion:168 Resp: 228317
Ion Ratio Lower Upper
168 100
99 60.1 47.0 70.4



#16
Acetone
Concen: 35.807 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

Tgt Ion: 43 Resp: 42258
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6

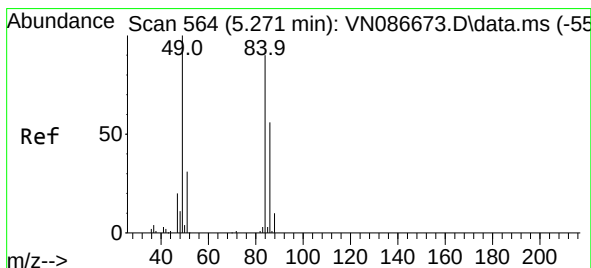
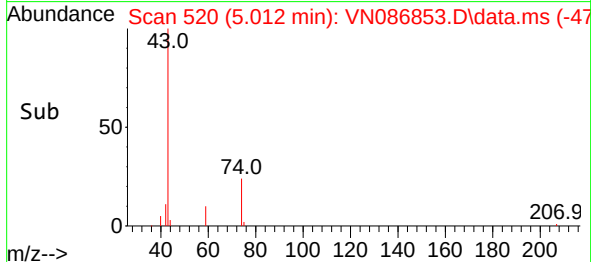
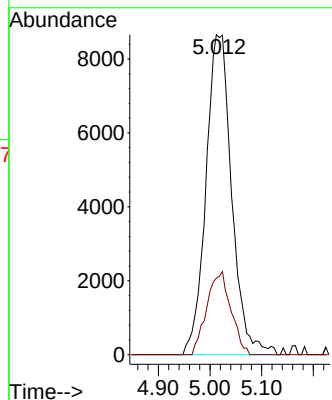
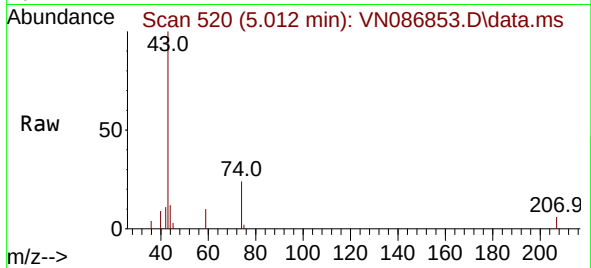




#18
Methyl Acetate
Concen: 9.099 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

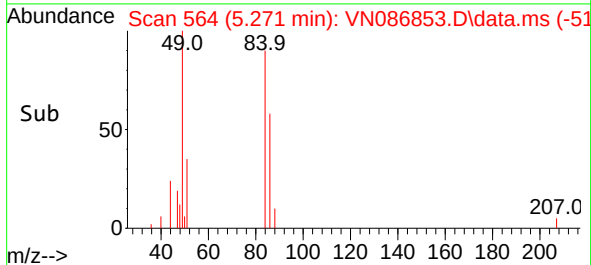
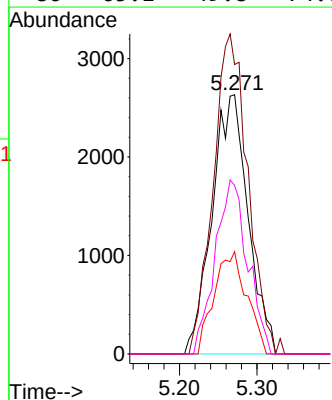
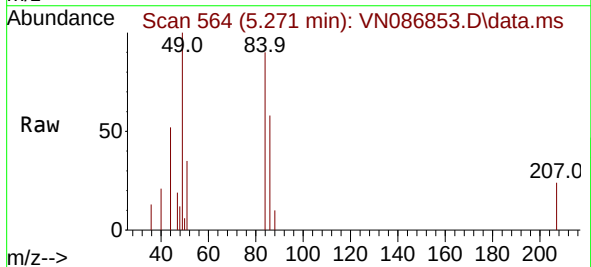
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#14

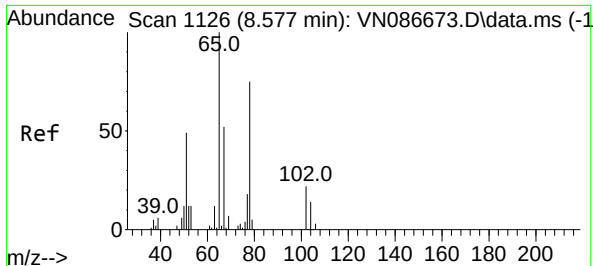
Tgt Ion: 43 Resp: 30056
Ion Ratio Lower Upper
43 100
74 24.2 20.5 30.7



#20
Methylene Chloride
Concen: 2.737 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

Tgt Ion: 84 Resp: 8524
Ion Ratio Lower Upper
84 100
49 111.7 88.8 133.2
51 39.5 27.8 41.6
86 65.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 50.815 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086853.D

Acq: 03 Jun 2025 19:23

Instrument :

MSVOA_N

ClientSampleId :

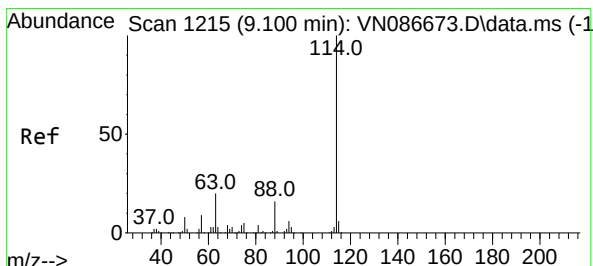
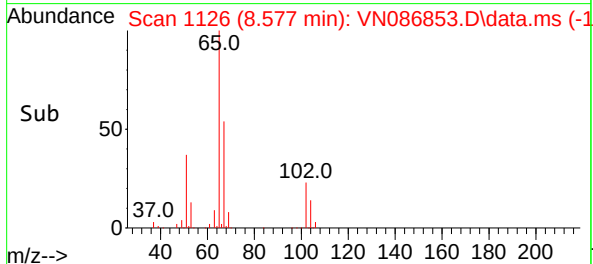
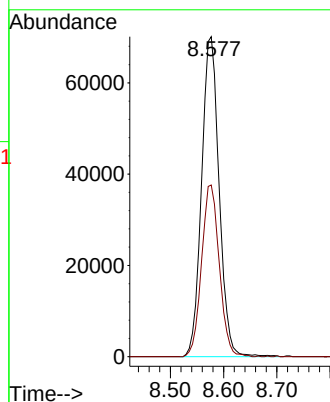
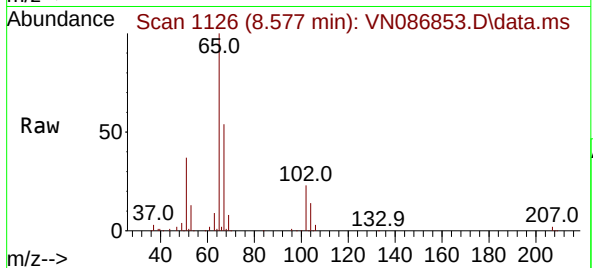
PB168225ZHE#14

Tgt Ion: 65 Resp: 160318

Ion Ratio Lower Upper

65 100

67 54.2 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: VN086853.D

Acq: 03 Jun 2025 19:23

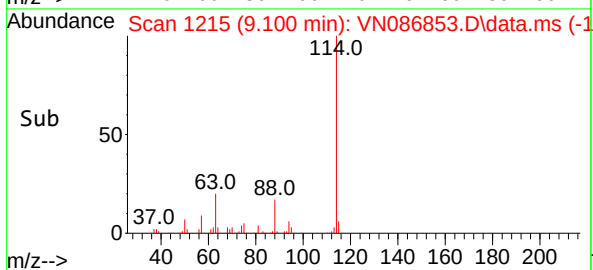
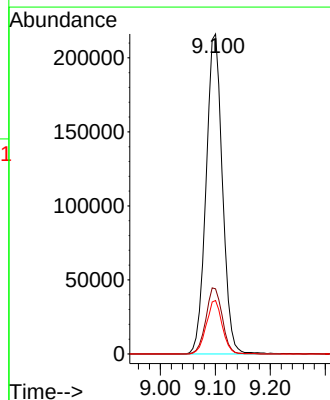
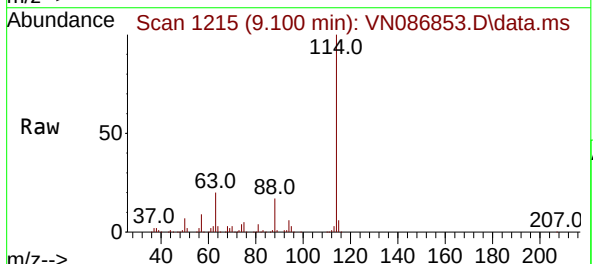
Tgt Ion: 114 Resp: 445797

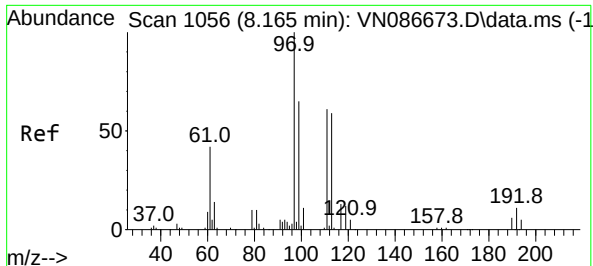
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 16.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.306 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086853.D

Acq: 03 Jun 2025 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#14

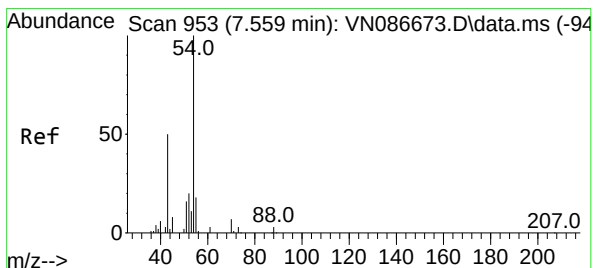
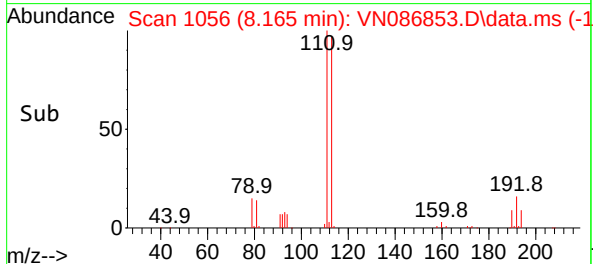
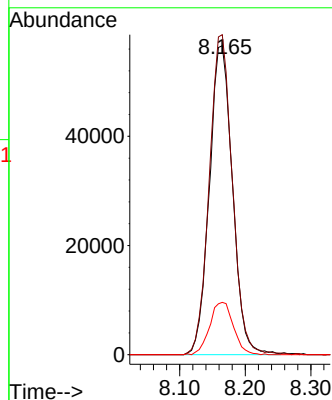
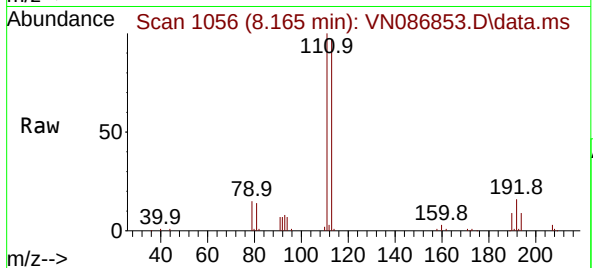
Tgt Ion:113 Resp: 138867

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 17.4 13.8 20.8



#37

Ethyl Acetate

Concen: 5.275 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN086853.D

Acq: 03 Jun 2025 19:23

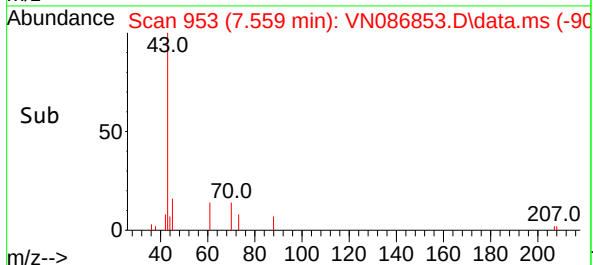
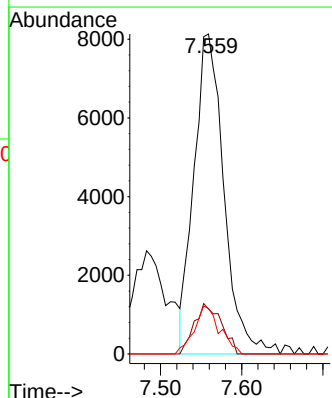
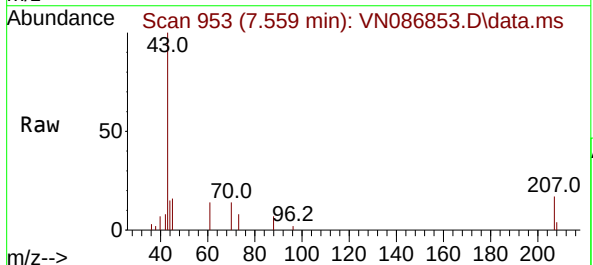
Tgt Ion: 43 Resp: 20867

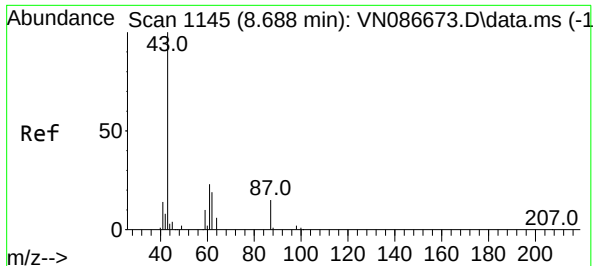
Ion Ratio Lower Upper

43 100

61 14.2 11.6 17.4

70 12.8 9.4 14.0

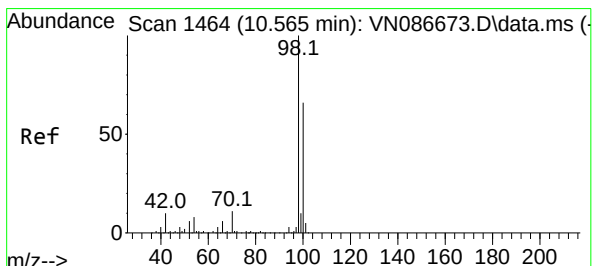
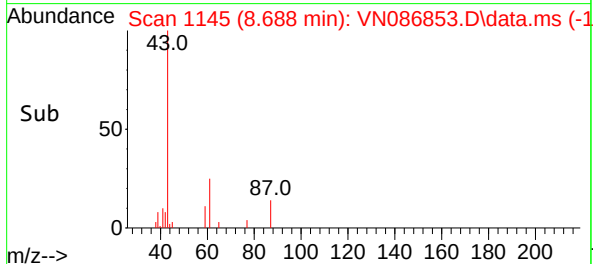
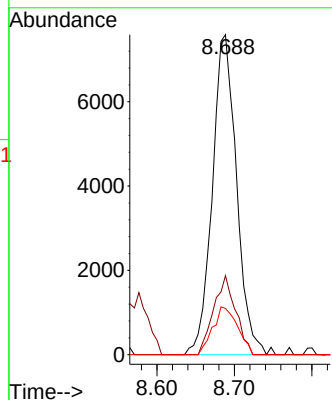
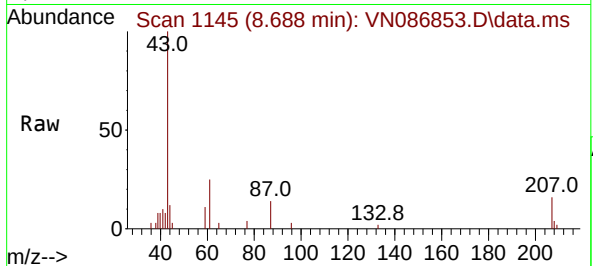




#43
Isopropyl Acetate
Concen: 2.084 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

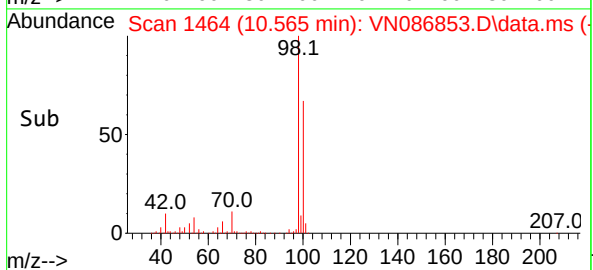
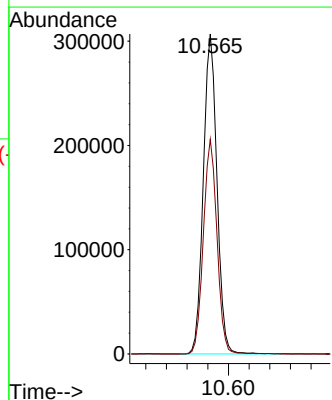
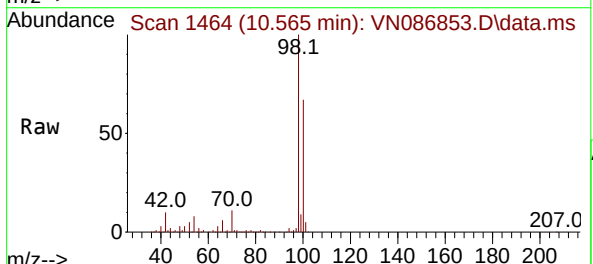
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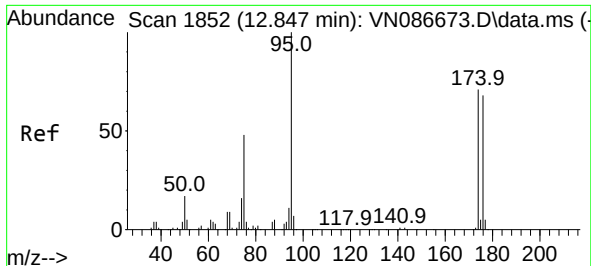
Tgt Ion:	43	Resp:	16524
Ion	Ratio	Lower	Upper
43	100		
61	22.5	21.4	32.2
87	15.2	11.1	16.7



#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

Tgt Ion:	98	Resp:	562207
Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.9	79.3

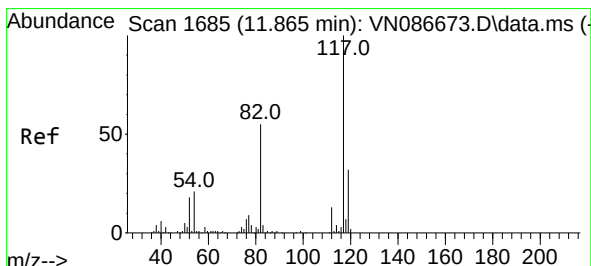
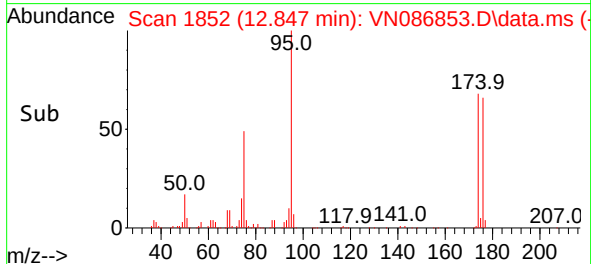
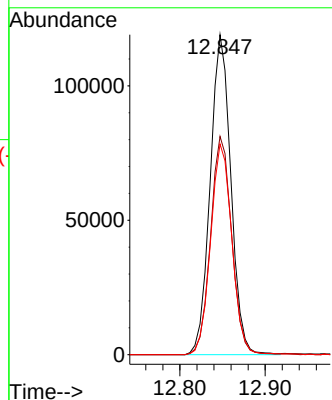
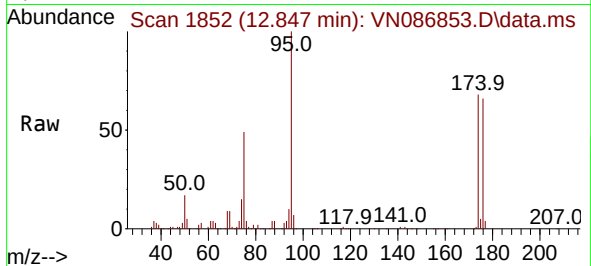




#62
4-Bromofluorobenzene
Concen: 51.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

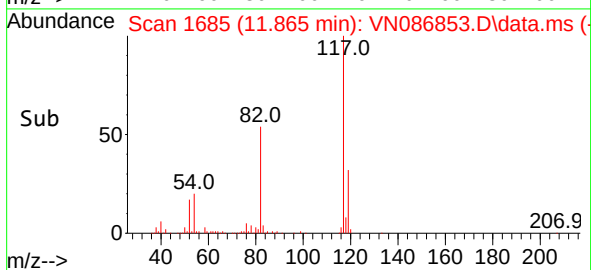
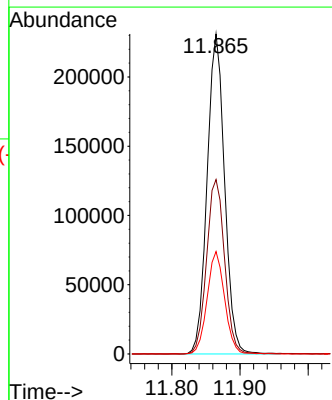
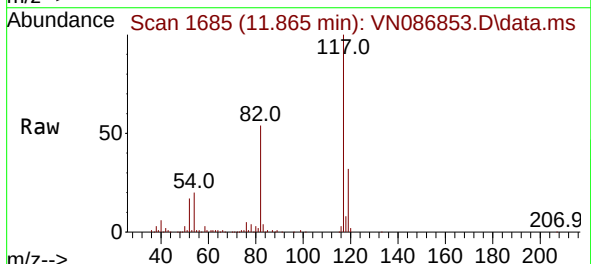
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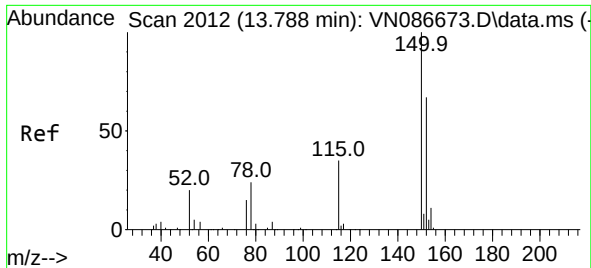
Tgt Ion: 95 Resp: 200657
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.4
176 67.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086853.D
Acq: 03 Jun 2025 19:23

Tgt Ion: 117 Resp: 412233
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN086853.D

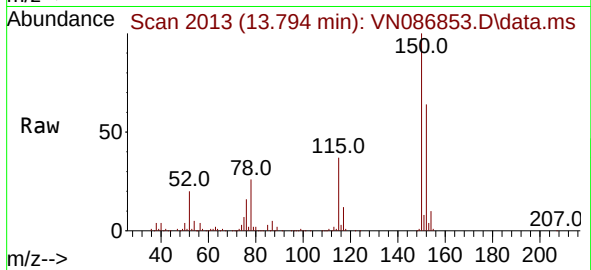
Acq: 03 Jun 2025 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#14



Tgt Ion:152 Resp: 176470

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.1

150 158.3 0.0 347.8

