

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086848.D
 Acq On : 03 Jun 2025 17:22
 Operator : JC\MD
 Sample : PB168225ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#09

Quant Time: Jun 04 02:02:46 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)

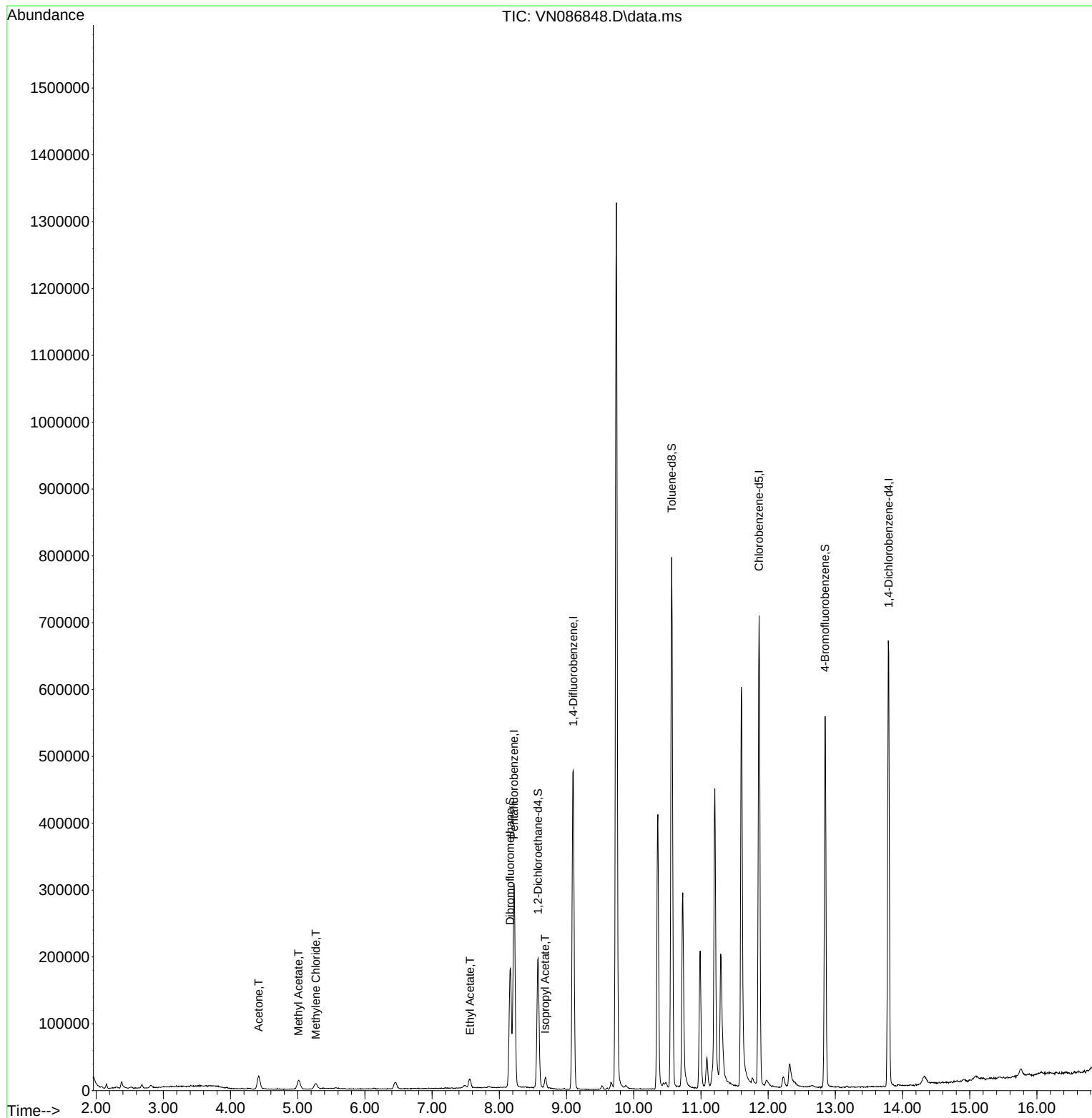
Internal Standards						
1) Pentafluorobenzene	8.218	168	231351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159161	49.787	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.580%	
35) Dibromofluoromethane	8.159	113	138500	52.174	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.340%	
50) Toluene-d8	10.565	98	569538	51.773	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.540%	
62) 4-Bromofluorobenzene	12.847	95	214053	55.108	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	110.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	37970	31.752	ug/l	92
18) Methyl Acetate	5.012	43	29899	8.933	ug/l #	72
20) Methylene Chloride	5.271	84	6801	2.155	ug/l #	96
37) Ethyl Acetate	7.565	43	21553	5.449	ug/l	99
43) Isopropyl Acetate	8.683	43	17093	2.156	ug/l	94

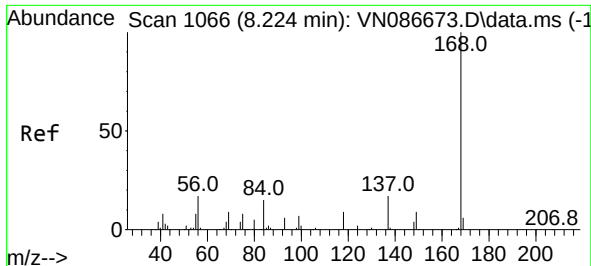
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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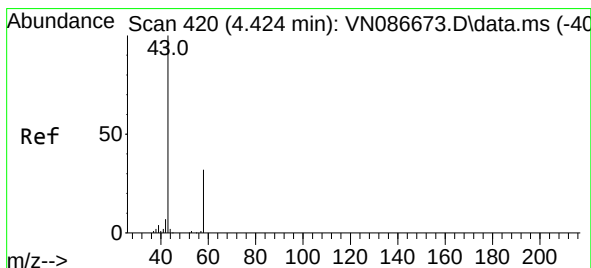
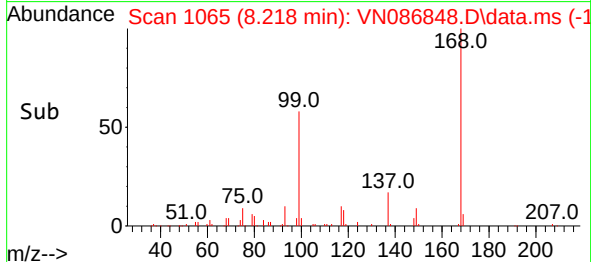
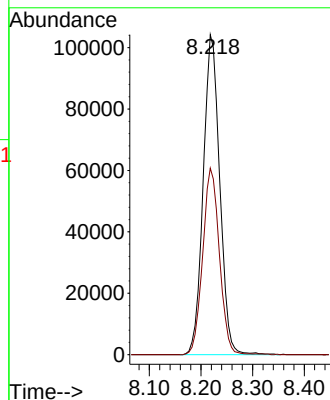
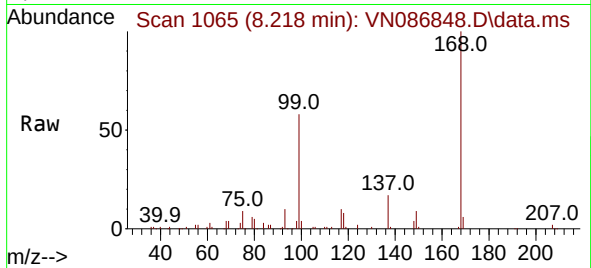




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

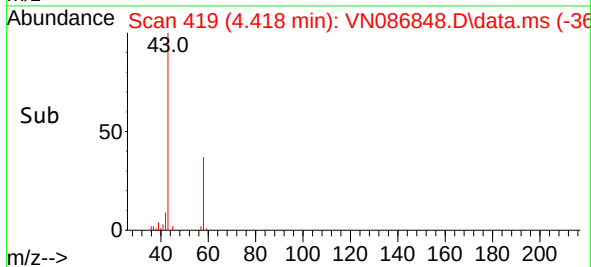
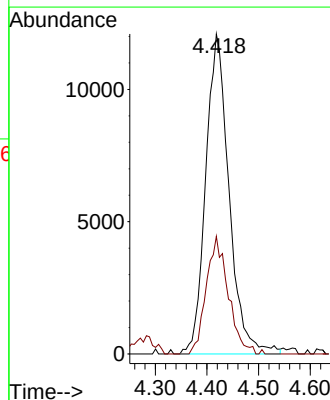
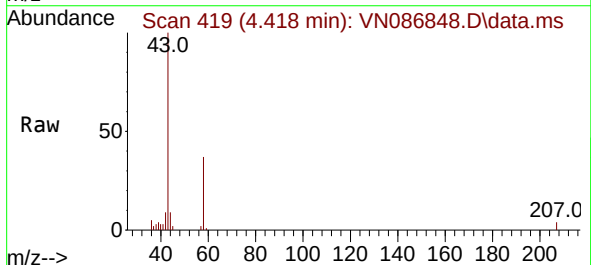
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#09

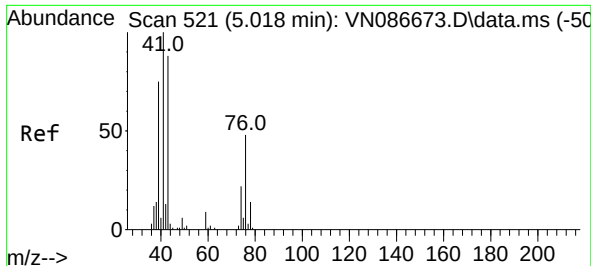
Tgt Ion:168 Resp: 231351
Ion Ratio Lower Upper
168 100
99 58.3 47.0 70.4



#16
Acetone
Concen: 31.752 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

Tgt Ion: 43 Resp: 37970
Ion Ratio Lower Upper
43 100
58 36.8 25.8 38.6





#18

Methyl Acetate

Concen: 8.933 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN086848.D

Acq: 03 Jun 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

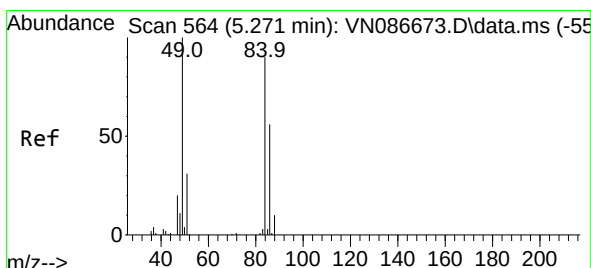
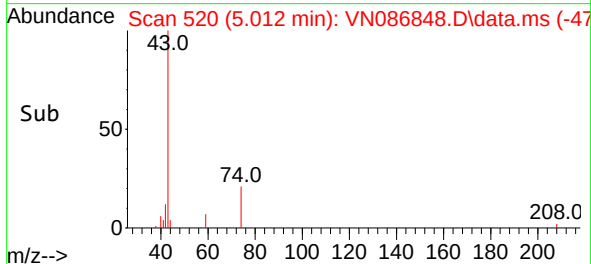
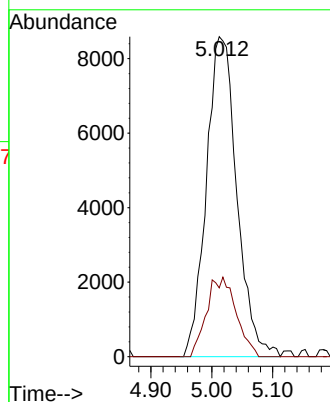
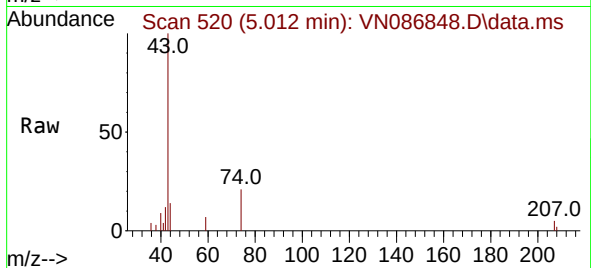
PB168225ZHE#09

Tgt Ion: 43 Resp: 29899

Ion Ratio Lower Upper

43 100

74 11.5 20.5 30.7#



#20

Methylene Chloride

Concen: 2.155 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN086848.D

Acq: 03 Jun 2025 17:22

Tgt Ion: 84 Resp: 6801

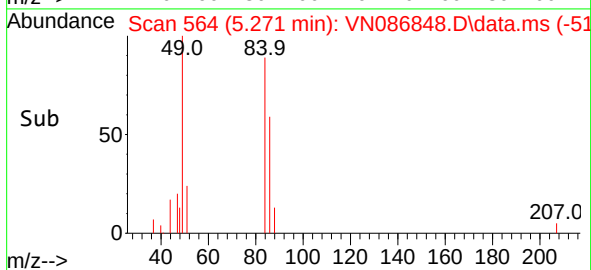
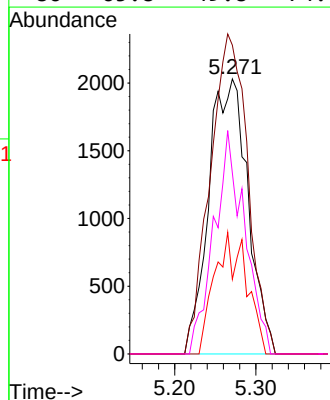
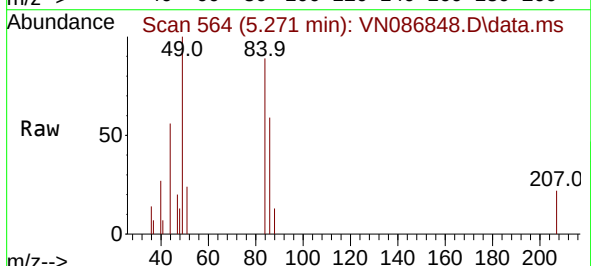
Ion Ratio Lower Upper

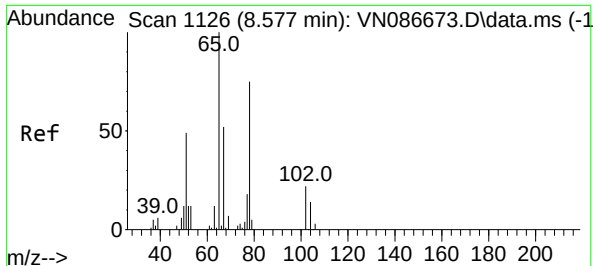
84 100

49 112.3 88.8 133.2

51 27.2 27.8 41.6#

86 65.8 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 49.787 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086848.D

Acq: 03 Jun 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

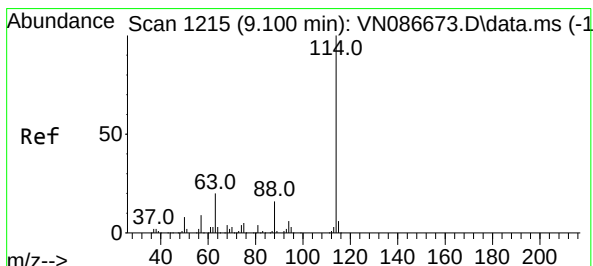
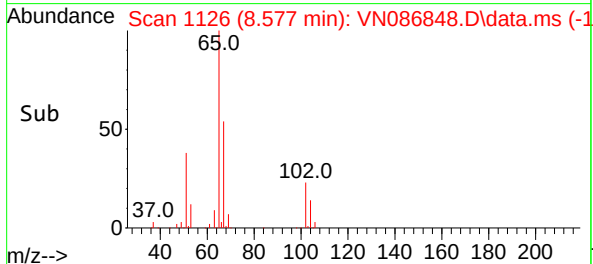
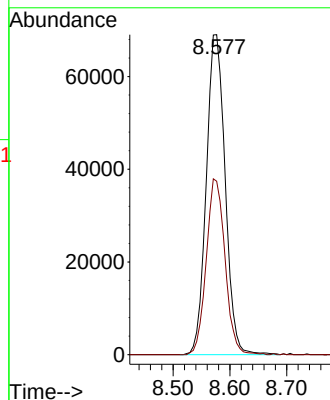
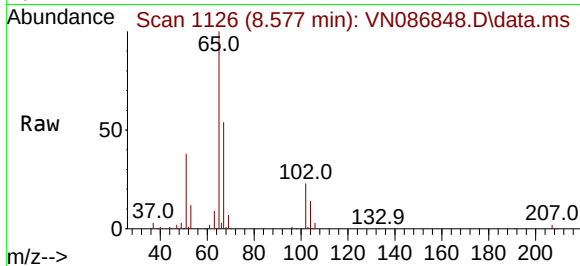
PB168225ZHE#09

Tgt Ion: 65 Resp: 159161

Ion Ratio Lower Upper

65 100

67 54.6 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: VN086848.D

Acq: 03 Jun 2025 17:22

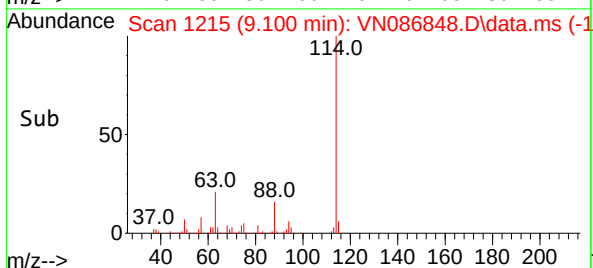
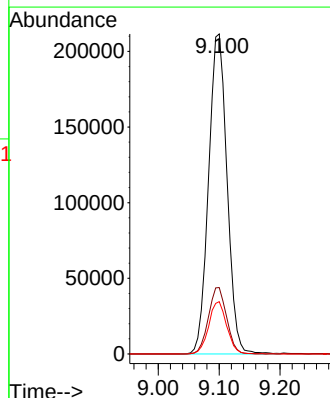
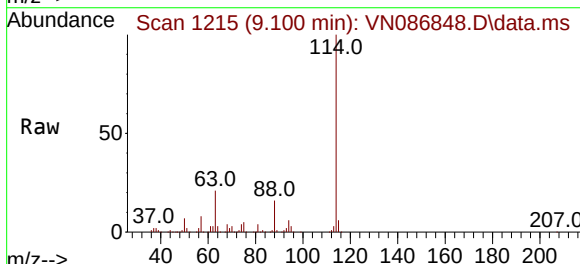
Tgt Ion: 114 Resp: 445738

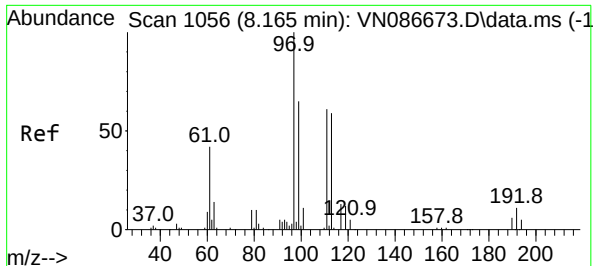
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 16.4 0.0 31.2

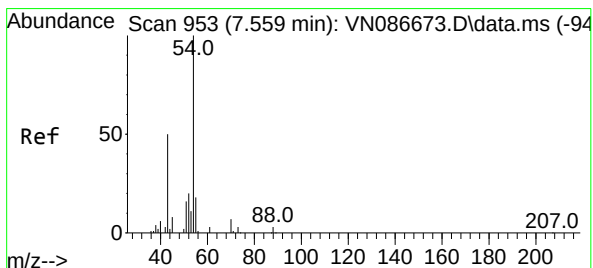
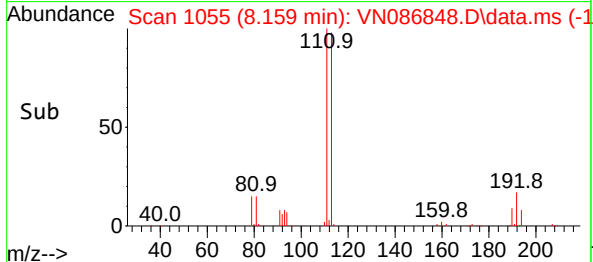
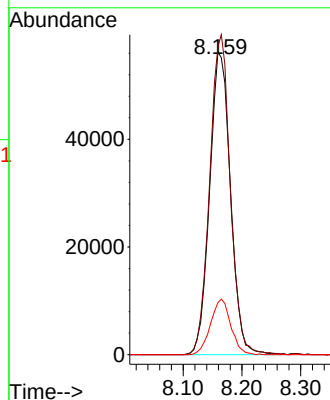
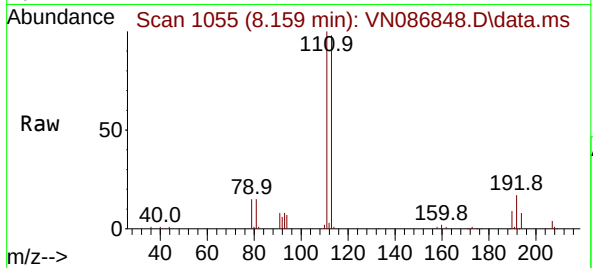




#35
Dibromofluoromethane
Concen: 52.174 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

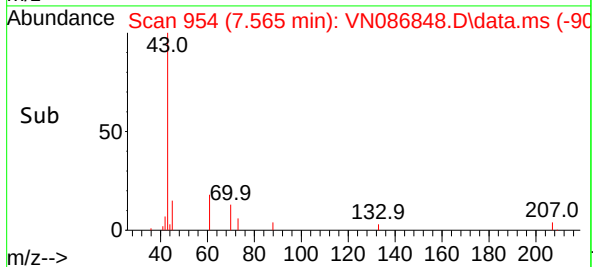
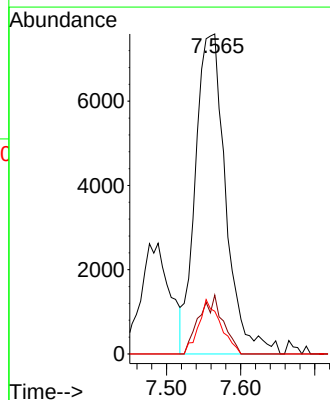
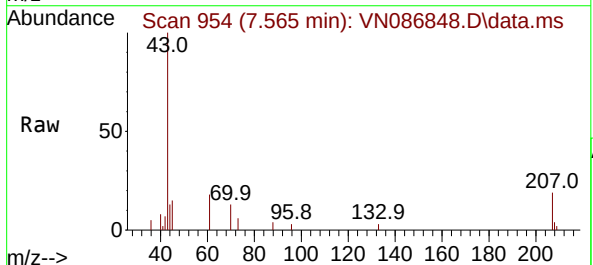
Instrument :
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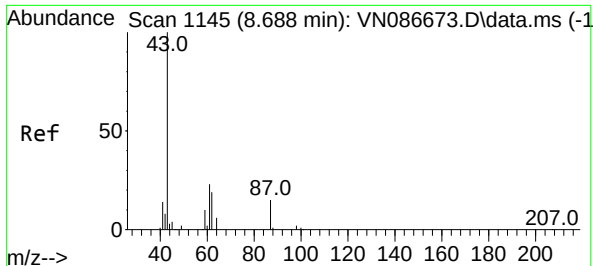
Tgt Ion:113 Resp: 138500
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 17.9 13.8 20.8



#37
Ethyl Acetate
Concen: 5.449 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

Tgt Ion: 43 Resp: 21553
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 12.3 9.4 14.0

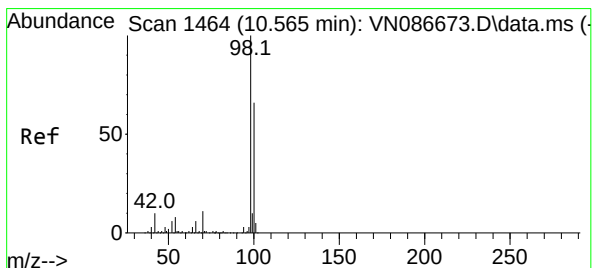
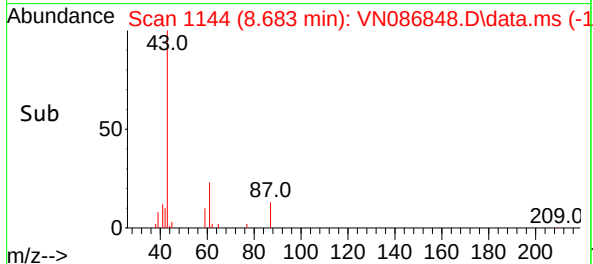
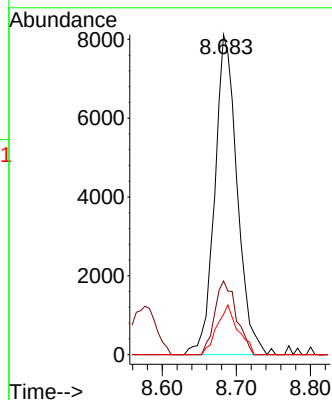
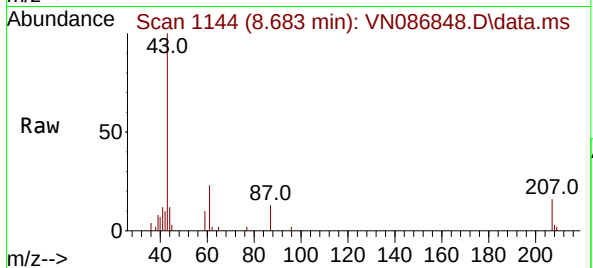




#43
Isopropyl Acetate
Concen: 2.156 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

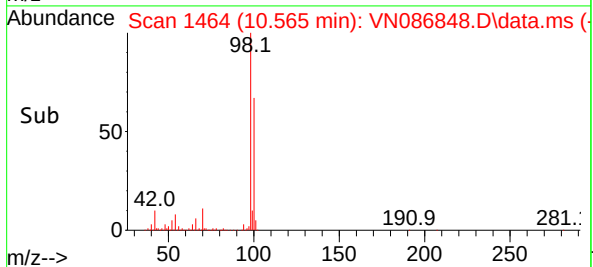
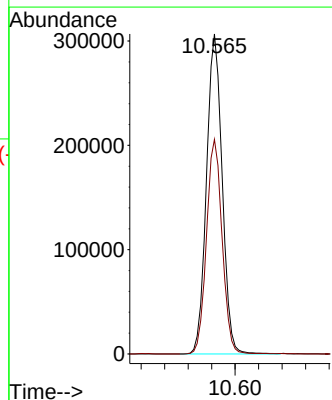
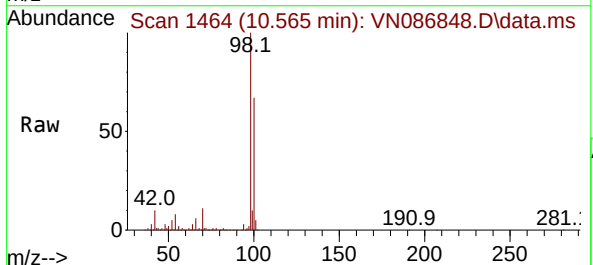
Instrument :
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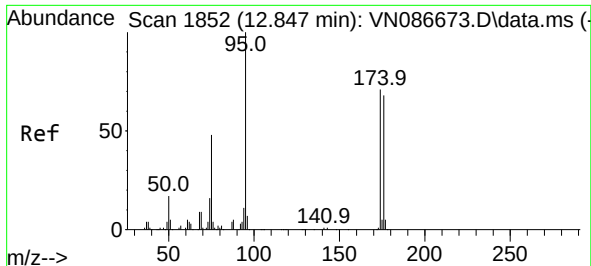
Tgt Ion: 43 Resp: 17093
Ion Ratio Lower Upper
43 100
61 22.2 21.4 32.2
87 14.4 11.1 16.7



#50
Toluene-d8
Concen: 51.773 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

Tgt Ion: 98 Resp: 569538
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3

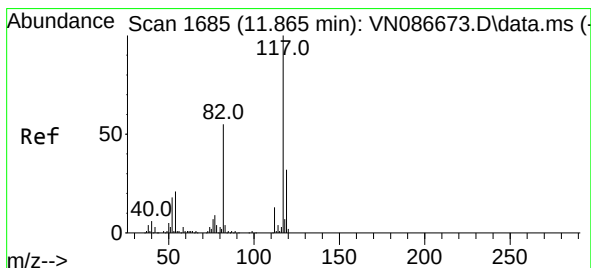
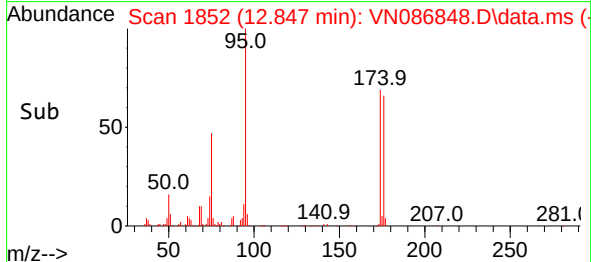
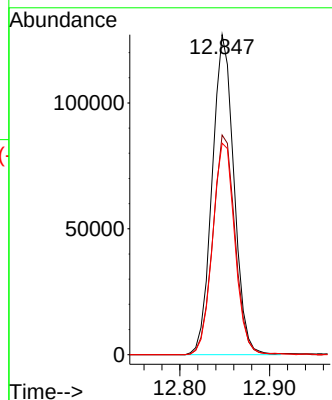
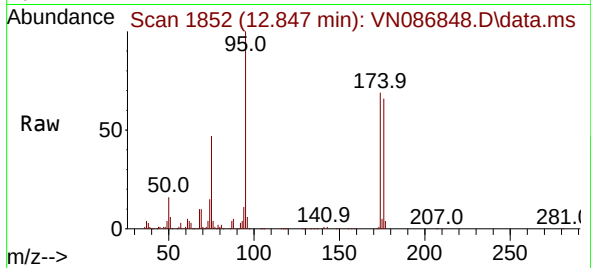




#62
4-Bromofluorobenzene
Concen: 55.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

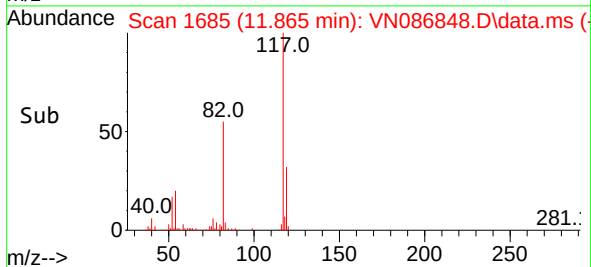
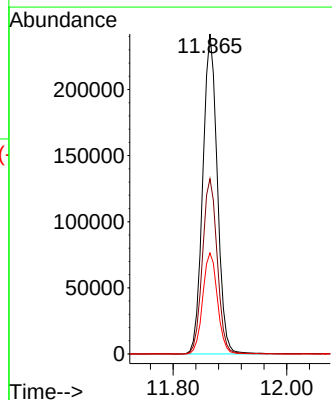
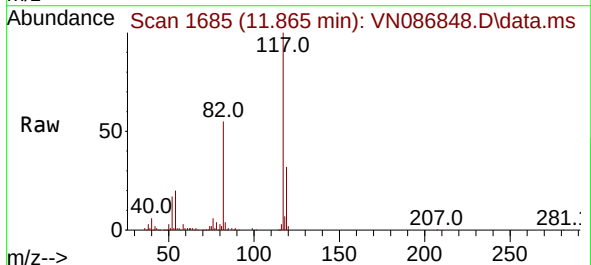
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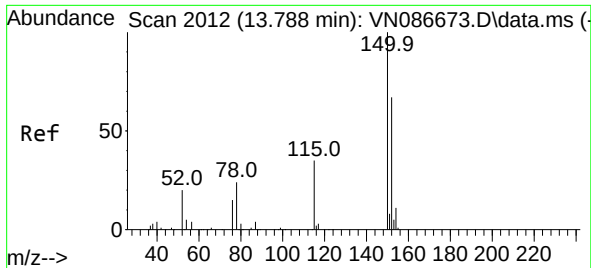
Tgt Ion: 95 Resp: 214053
Ion Ratio Lower Upper
95 100
174 70.0 0.0 145.4
176 67.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086848.D
Acq: 03 Jun 2025 17:22

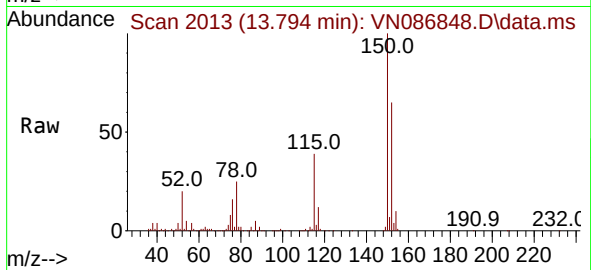
Tgt Ion: 117 Resp: 428928
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086848.D
 Acq: 03 Jun 2025 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#09



Tgt Ion:152 Resp: 196440
 Ion Ratio Lower Upper
 152 100
 115 61.0 30.0 90.1
 150 157.3 0.0 347.8

