

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086841.D
 Acq On : 03 Jun 2025 14:33
 Operator : JC\MD
 Sample : PB168225ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#02

Quant Time: Jun 04 01:59:29 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)

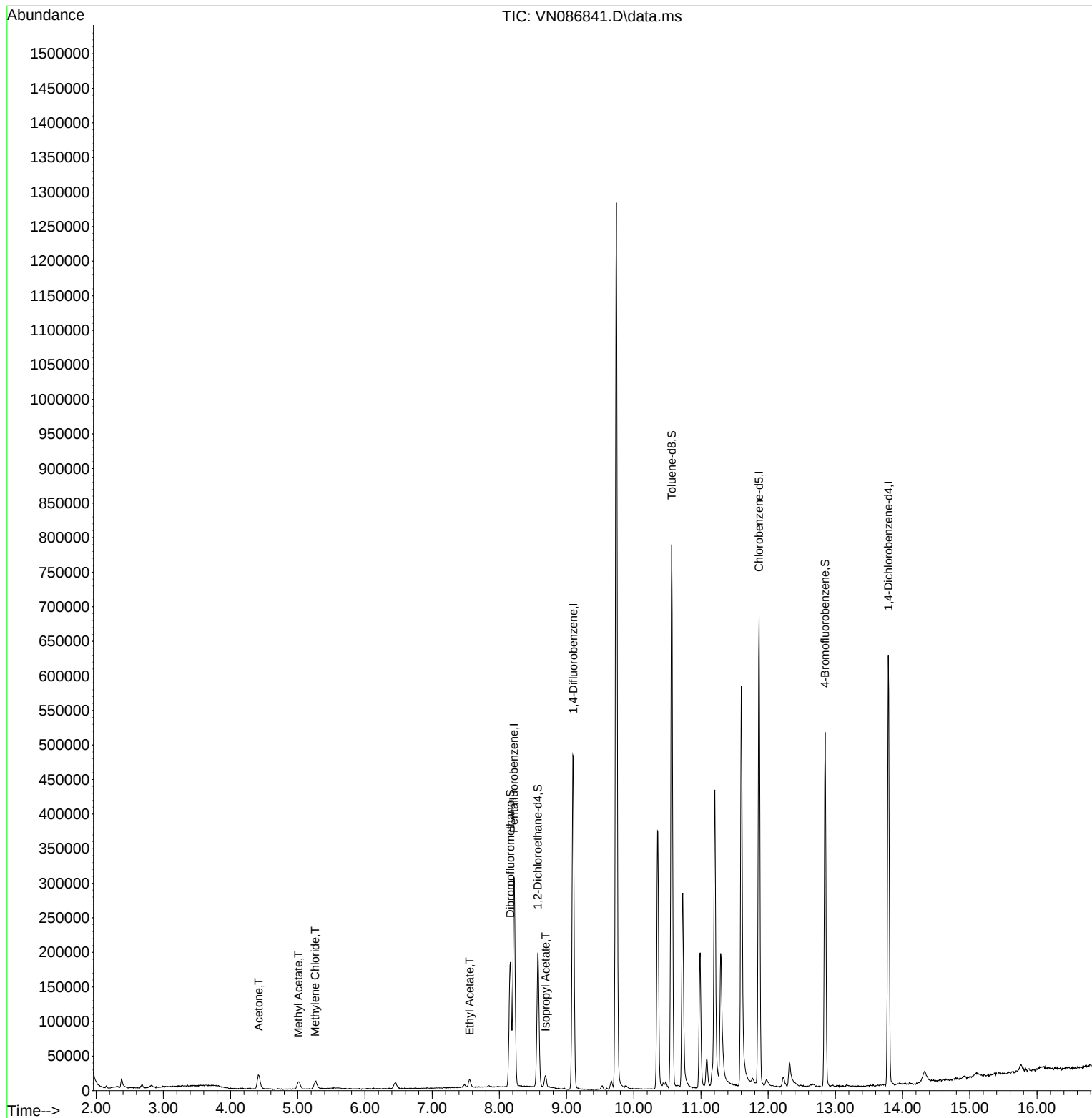
Internal Standards						
1) Pentafluorobenzene	8.218	168	232422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	451025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	415239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	159468	49.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	8.165	113	141089	52.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	10.565	98	567201	50.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.847	95	204074	51.923	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.840%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	39877	33.193	ug/l	93
18) Methyl Acetate	5.012	43	24424	7.264	ug/l	98
20) Methylene Chloride	5.259	84	8982	2.833	ug/l #	92
37) Ethyl Acetate	7.559	43	17388	4.345	ug/l	98
43) Isopropyl Acetate	8.688	43	19980	2.490	ug/l #	92

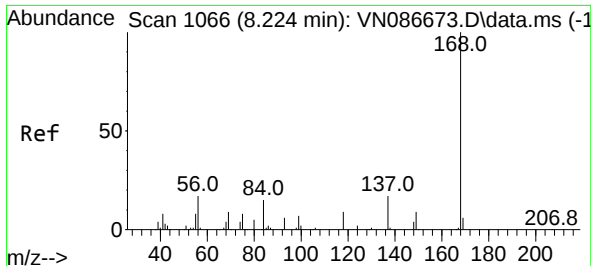
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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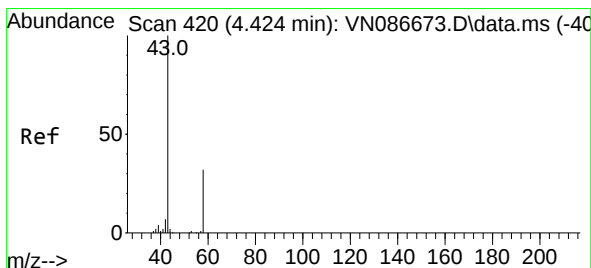
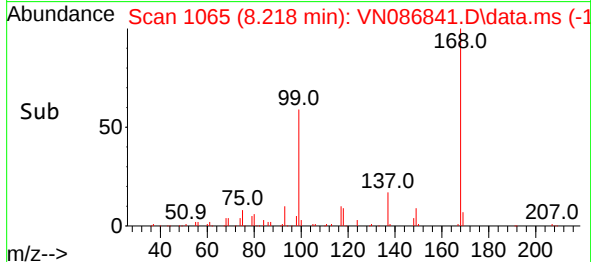
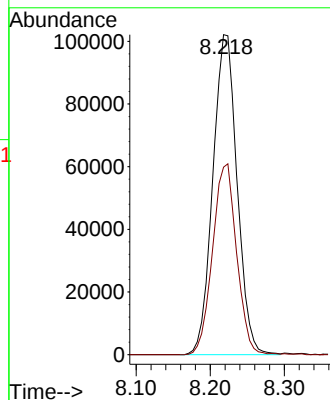
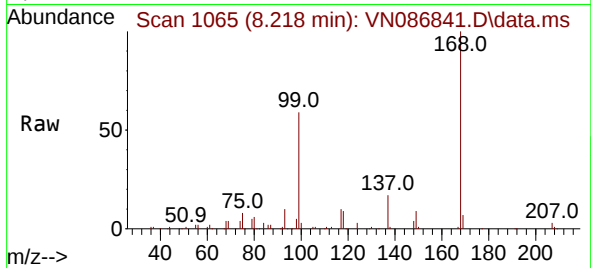




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

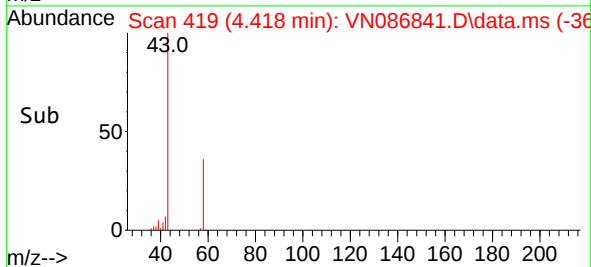
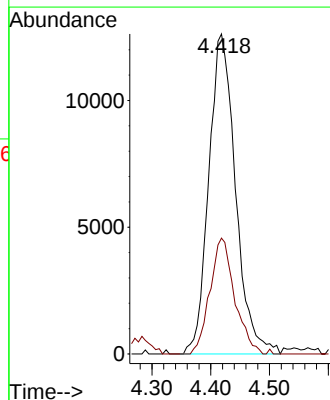
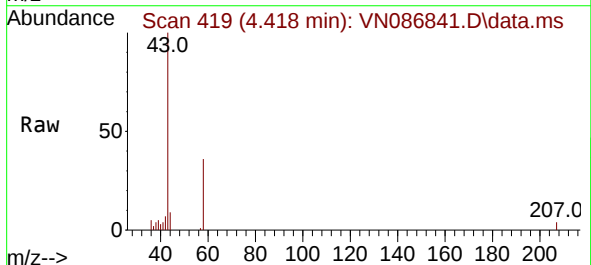
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#02

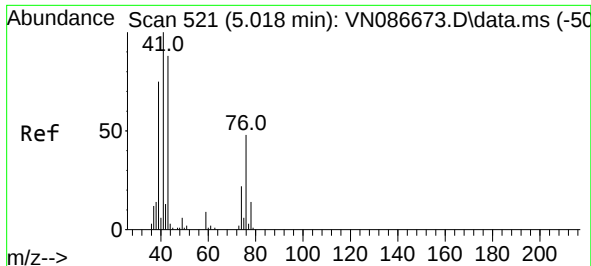
Tgt Ion:168 Resp: 232422
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.4



#16
Acetone
Concen: 33.193 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

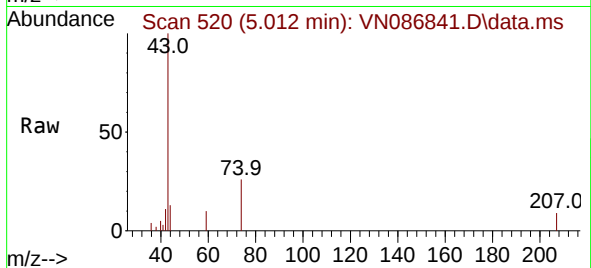
Tgt Ion: 43 Resp: 39877
Ion Ratio Lower Upper
43 100
58 36.2 25.8 38.6



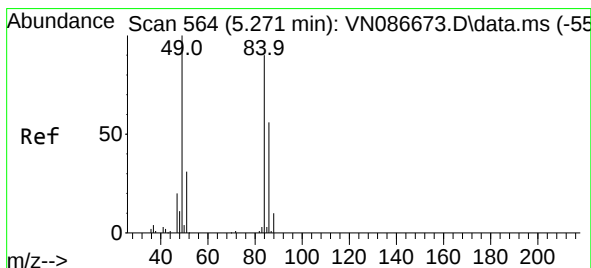
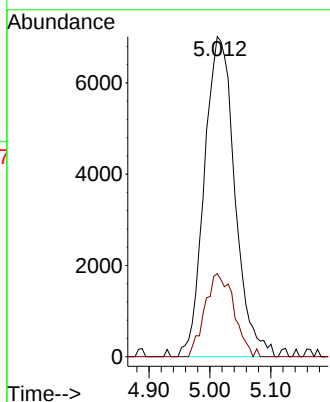
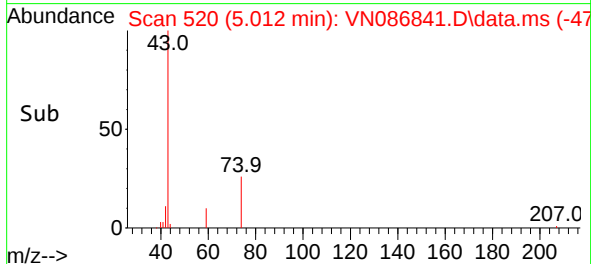


#18
Methyl Acetate
Concen: 7.264 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

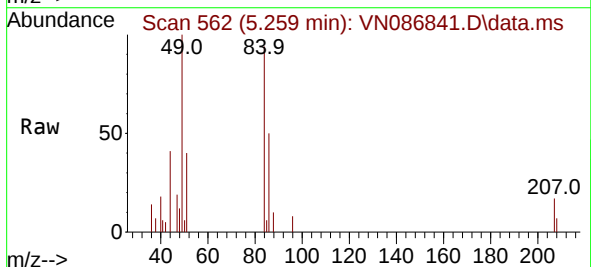
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#02



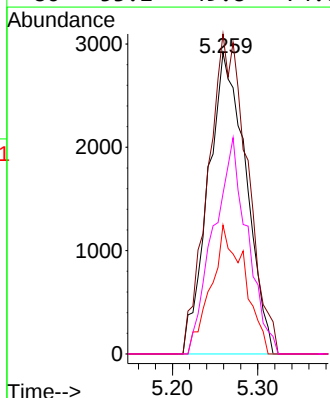
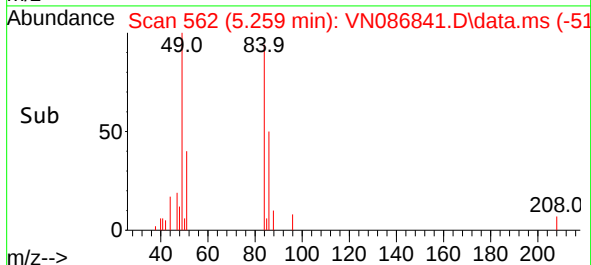
Tgt Ion: 43 Resp: 24424
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7

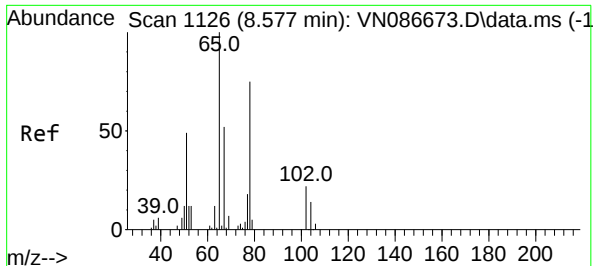


#20
Methylene Chloride
Concen: 2.833 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33



Tgt Ion: 84 Resp: 8982
Ion Ratio Lower Upper
84 100
49 106.2 88.8 133.2
51 42.8 27.8 41.6#
86 53.2 49.8 74.6

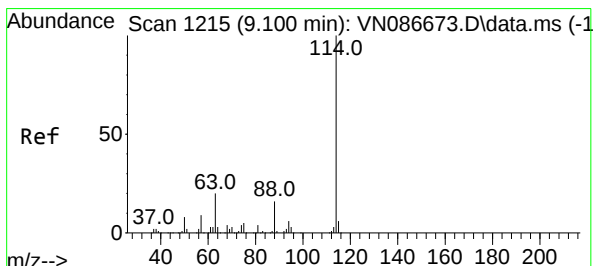
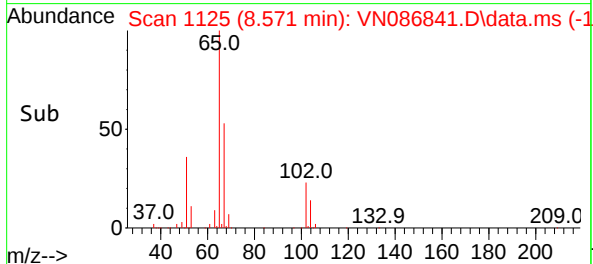
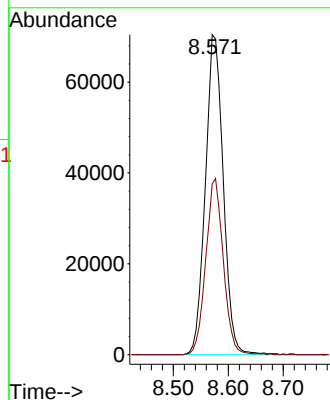
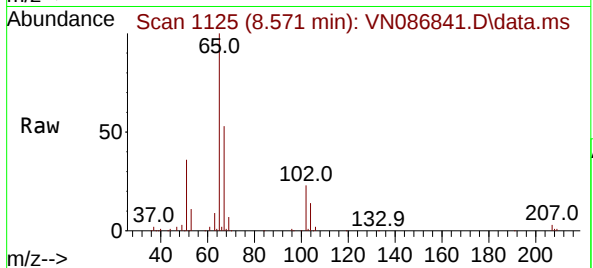




#33
1,2-Dichloroethane-d4
Concen: 49.653 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

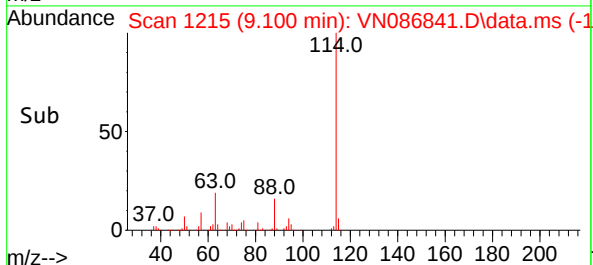
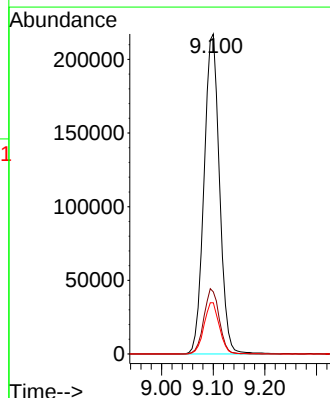
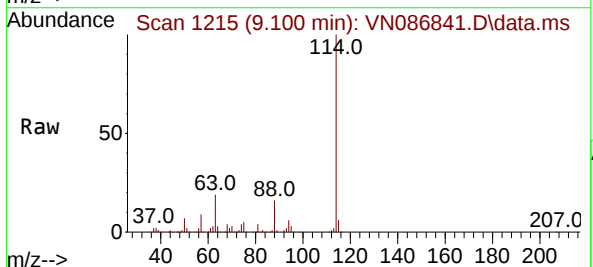
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#02

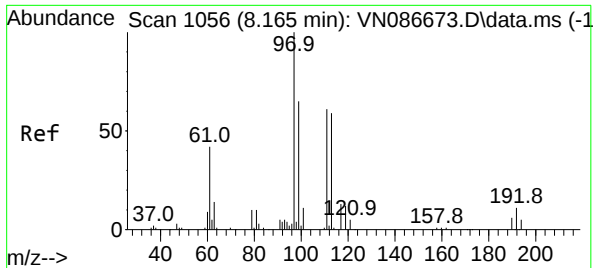
Tgt Ion: 65 Resp: 159468
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 114 Resp: 451025
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.2
88 16.0 0.0 31.2

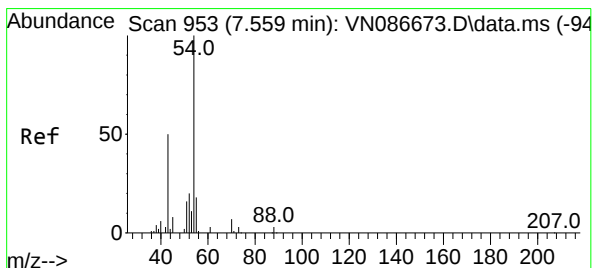
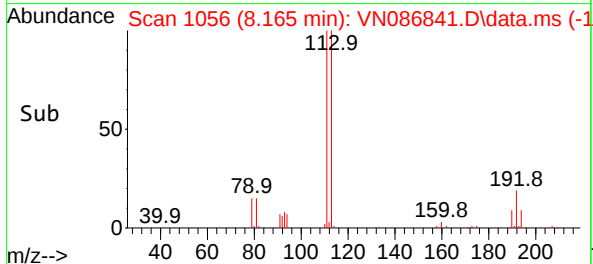
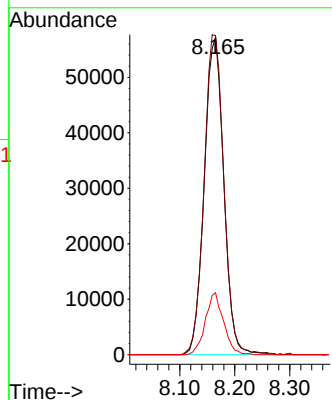
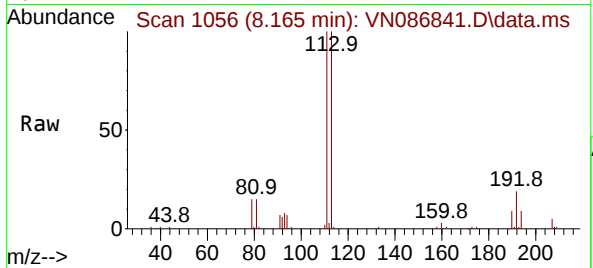




#35
Dibromofluoromethane
Concen: 52.527 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

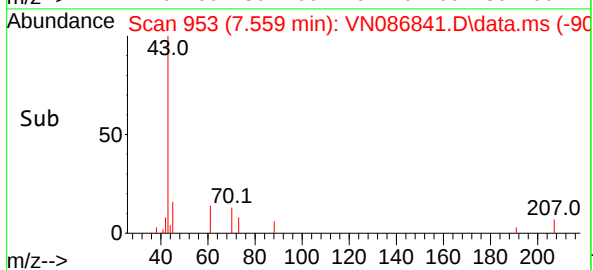
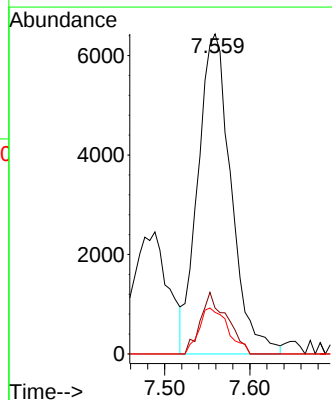
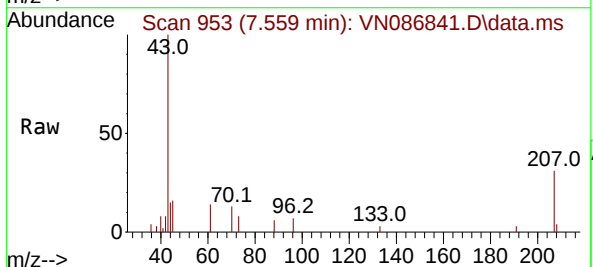
Instrument :
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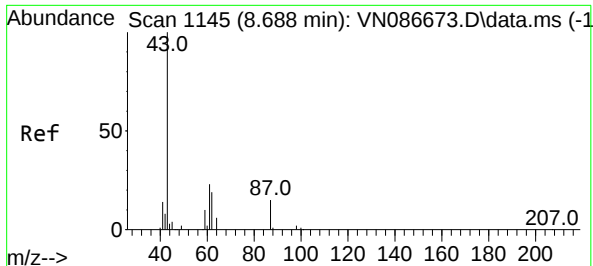
Tgt Ion:113 Resp: 141089
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 18.2 13.8 20.8



#37
Ethyl Acetate
Concen: 4.345 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 43 Resp: 17388
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 12.6 9.4 14.0

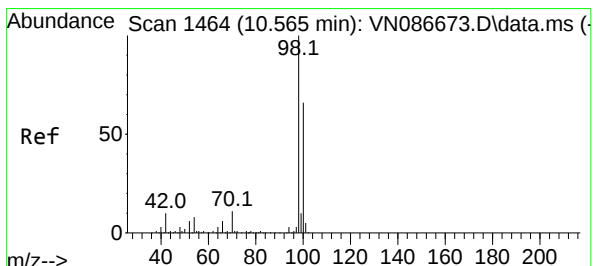
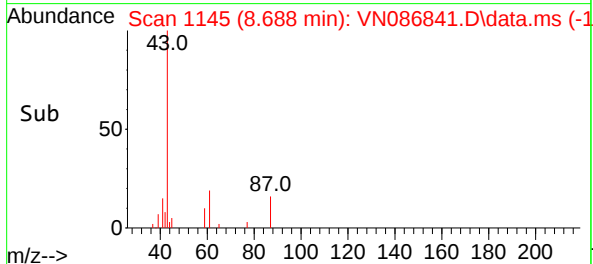
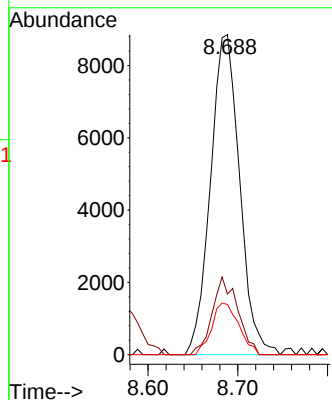
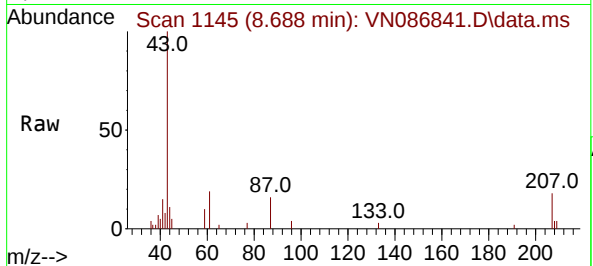




#43
Isopropyl Acetate
Concen: 2.490 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

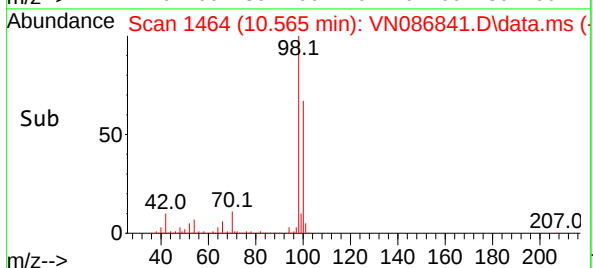
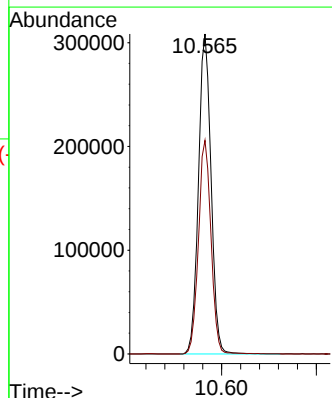
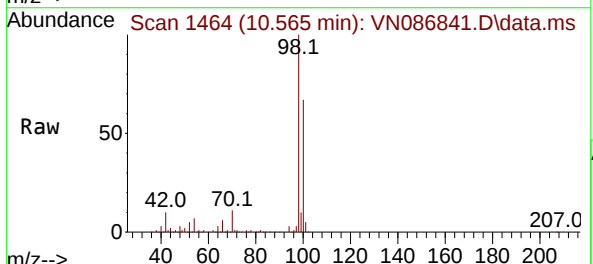
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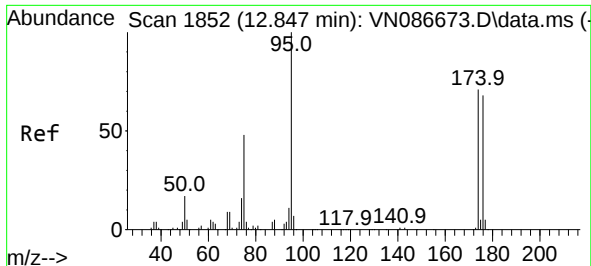
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	21.4	32.2#
87	15.0	11.1	16.7



#50
Toluene-d8
Concen: 50.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3

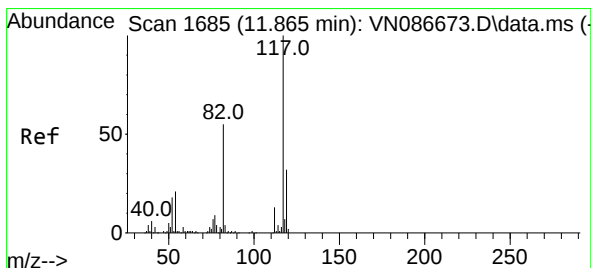
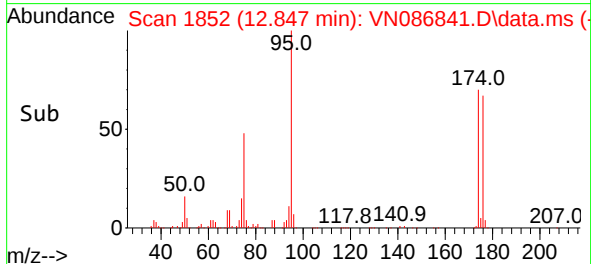
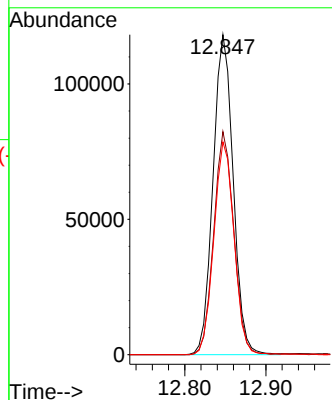
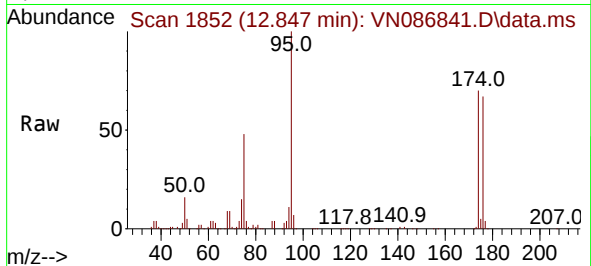




#62
4-Bromofluorobenzene
Concen: 51.923 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

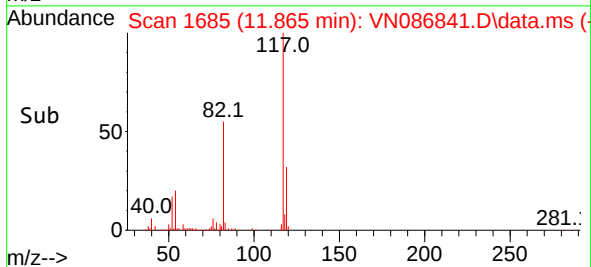
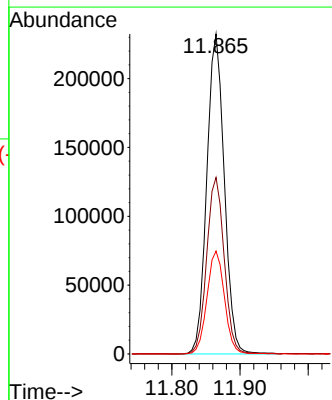
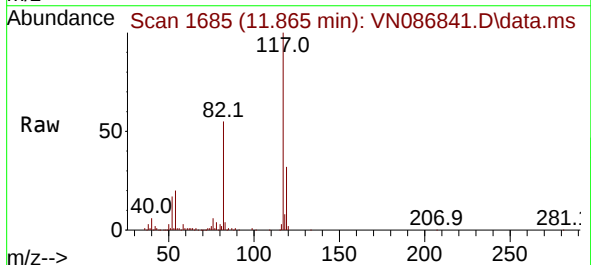
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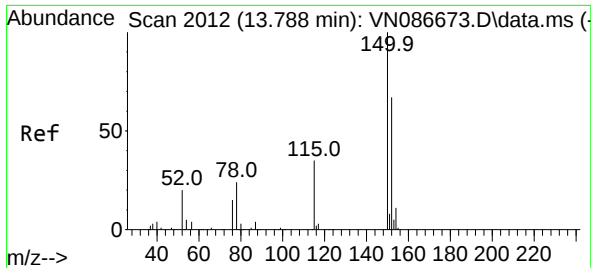
Tgt Ion: 95 Resp: 204074
Ion Ratio Lower Upper
95 100
174 69.6 0.0 145.4
176 66.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086841.D
Acq: 03 Jun 2025 14:33

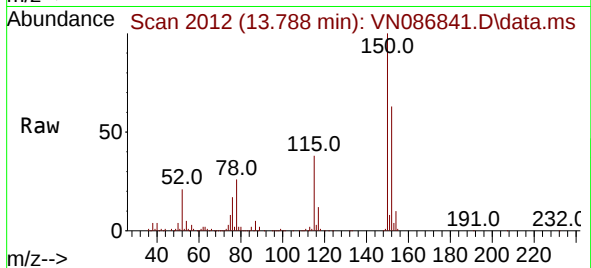
Tgt Ion: 117 Resp: 415239
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086841.D
 Acq: 03 Jun 2025 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#02



Tgt Ion:152 Resp: 177371

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.0	90.1
150	158.9	0.0	347.8

