

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086850.D
 Acq On : 03 Jun 2025 18:11
 Operator : JC\MD
 Sample : PB168225ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#11

Quant Time: Jun 04 02:03:56 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)

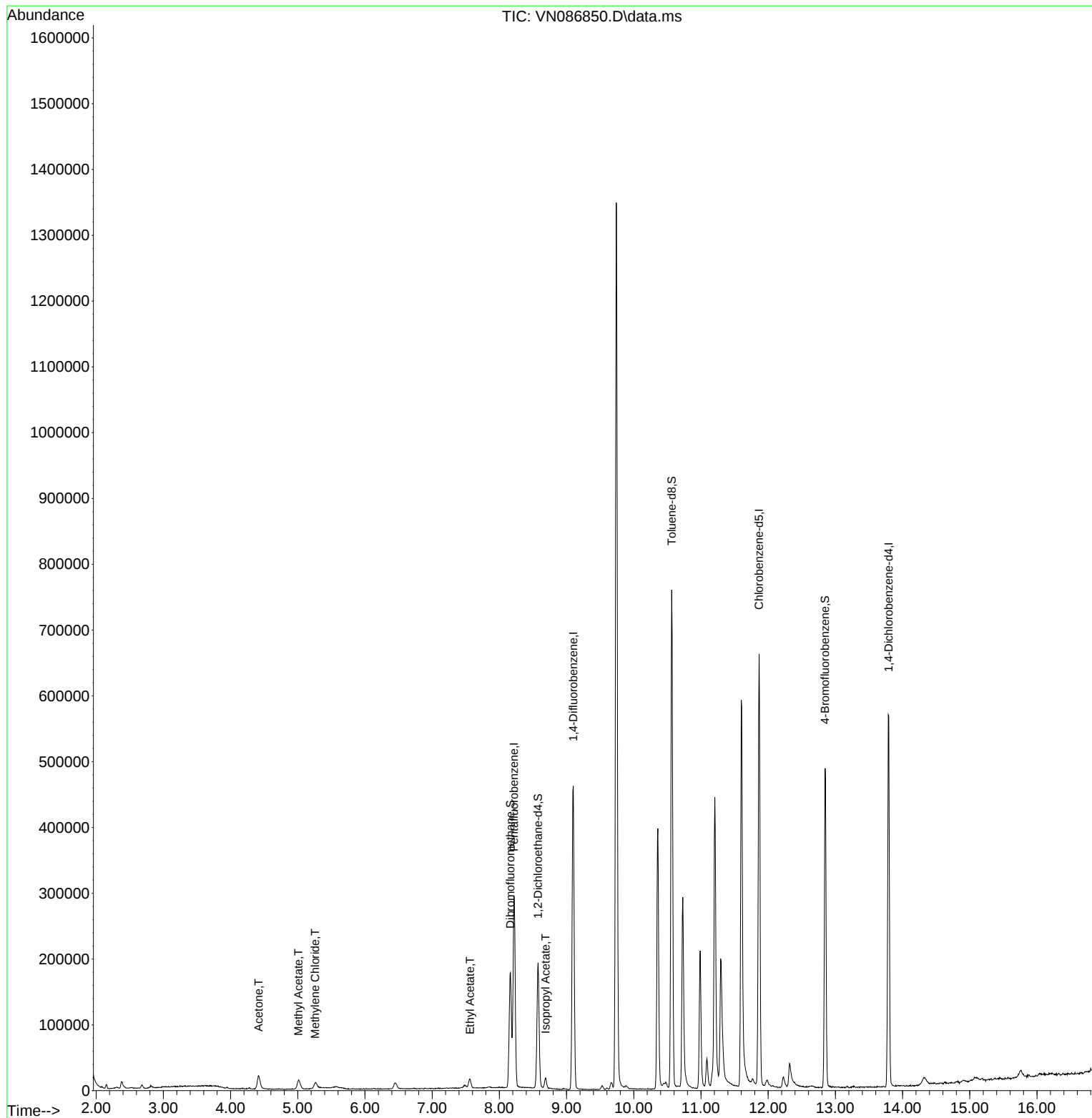
Internal Standards						
1) Pentafluorobenzene	8.218	168	222065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	153572	50.047	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.100%		
35) Dibromofluoromethane	8.165	113	135332	52.470	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.940%		
50) Toluene-d8	10.565	98	545090	50.998	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.000%		
62) 4-Bromofluorobenzene	12.847	95	191959	50.863	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.720%		
Target Compounds						
						Qvalue
16) Acetone	4.418	43	38556	33.590	ug/l	92
18) Methyl Acetate	5.012	43	30833	9.597	ug/l	97
20) Methylene Chloride	5.259	84	7360	2.430	ug/l	85
37) Ethyl Acetate	7.565	43	21967	5.716	ug/l	99
43) Isopropyl Acetate	8.688	43	16891	2.192	ug/l	93

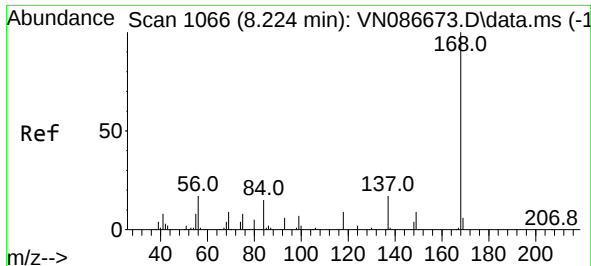
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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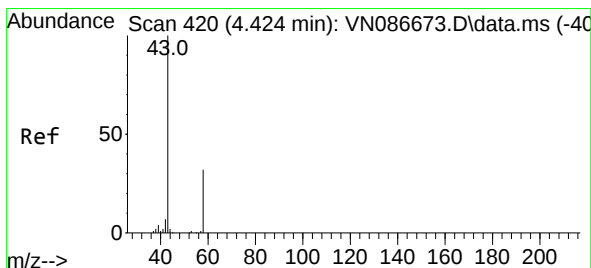
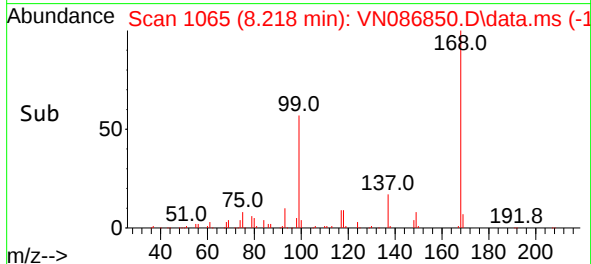
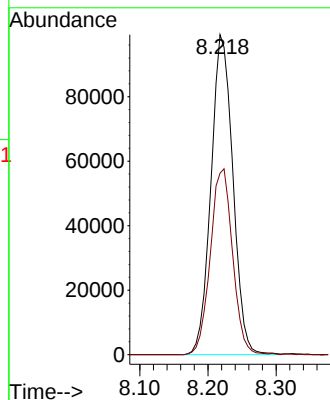
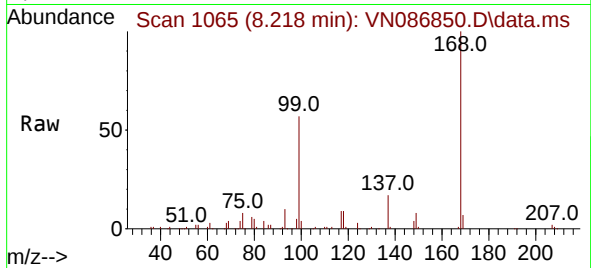




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

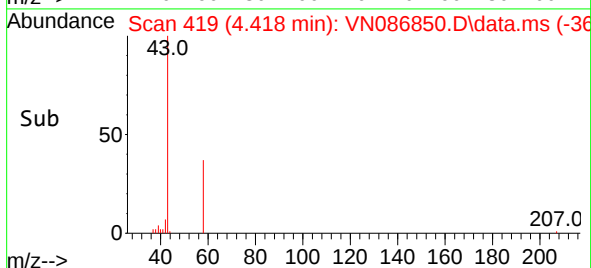
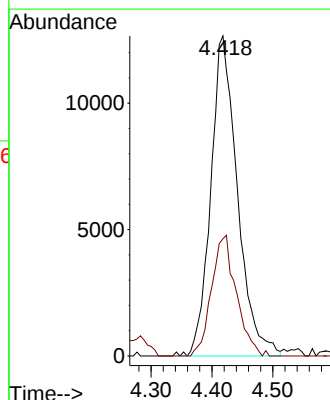
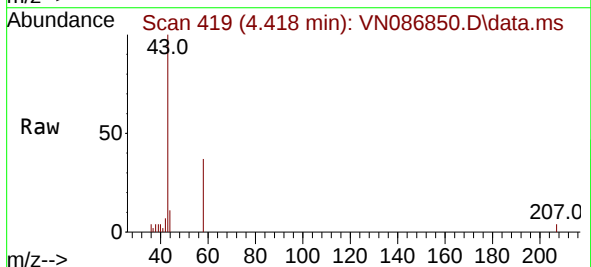
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

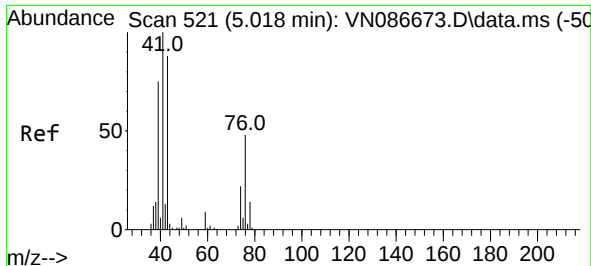
Tgt Ion:168 Resp: 222065
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4



#16
Acetone
Concen: 33.590 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 43 Resp: 38556
Ion Ratio Lower Upper
43 100
58 36.6 25.8 38.6

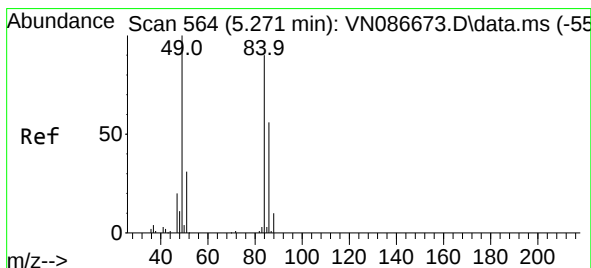
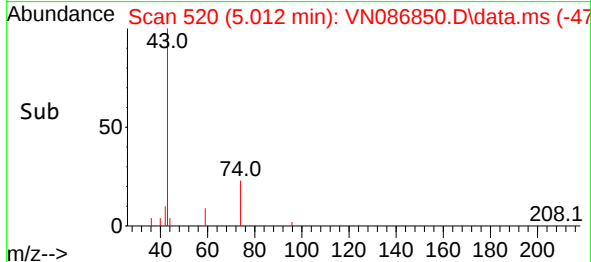
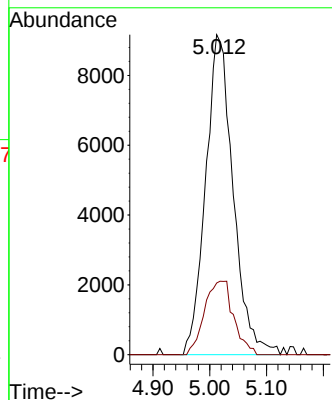
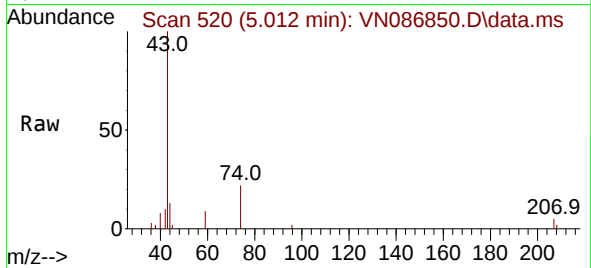




#18
Methyl Acetate
Concen: 9.597 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

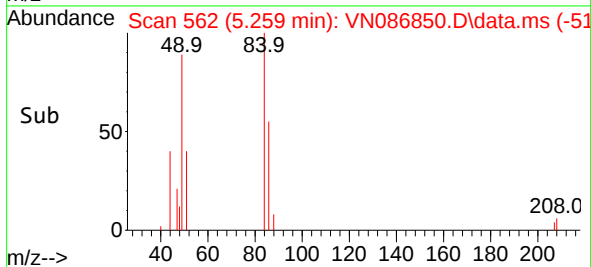
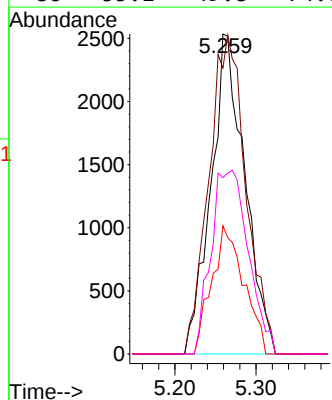
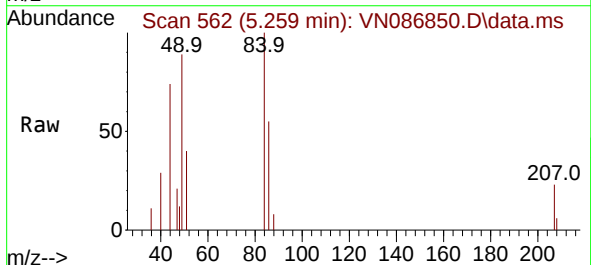
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

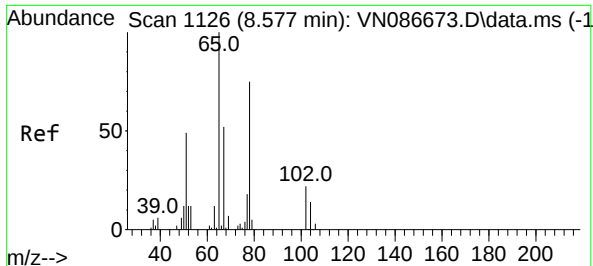
Tgt Ion: 43 Resp: 30833
Ion Ratio Lower Upper
43 100
74 24.3 20.5 30.7



#20
Methylene Chloride
Concen: 2.430 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 84 Resp: 7360
Ion Ratio Lower Upper
84 100
49 89.3 88.8 133.2
51 40.0 27.8 41.6
86 55.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 50.047 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086850.D

Acq: 03 Jun 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

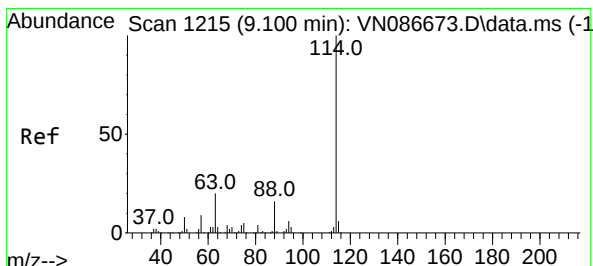
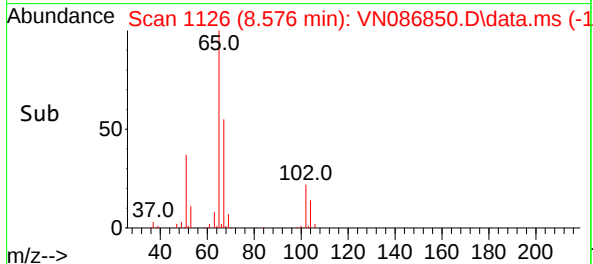
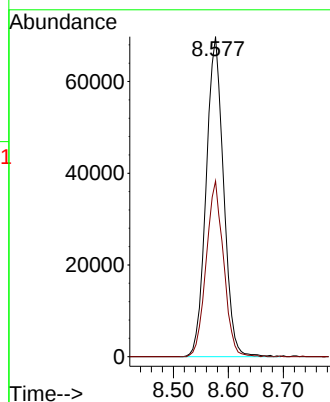
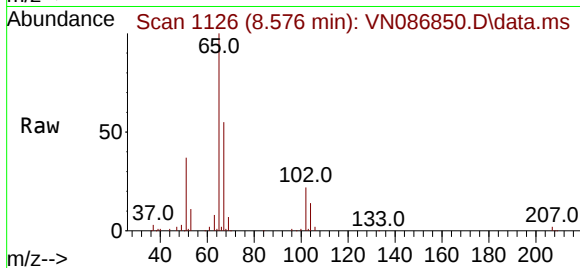
PB168225ZHE#11

Tgt Ion: 65 Resp: 153572

Ion Ratio Lower Upper

65 100

67 54.7 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: VN086850.D

Acq: 03 Jun 2025 18:11

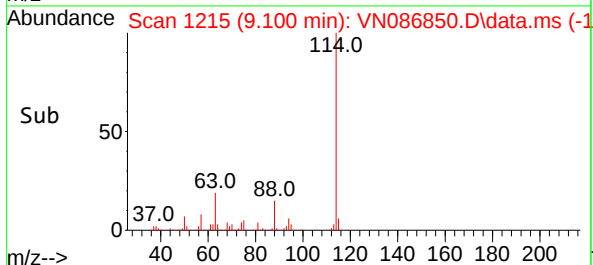
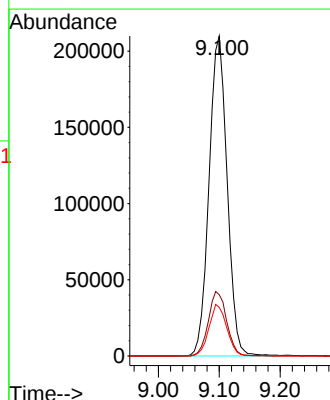
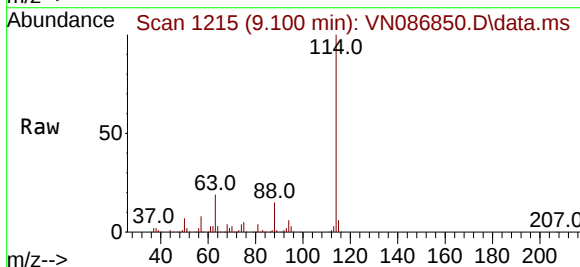
Tgt Ion: 114 Resp: 433089

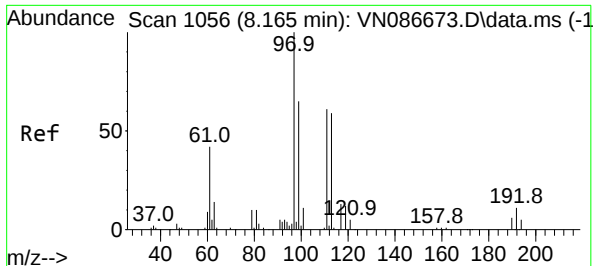
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 15.2 0.0 31.2

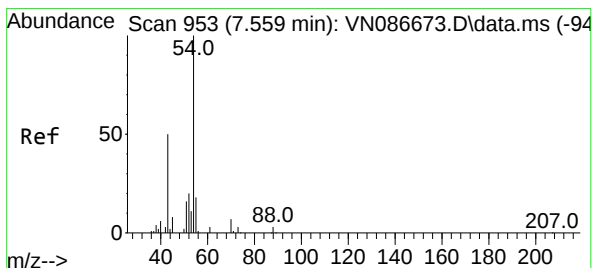
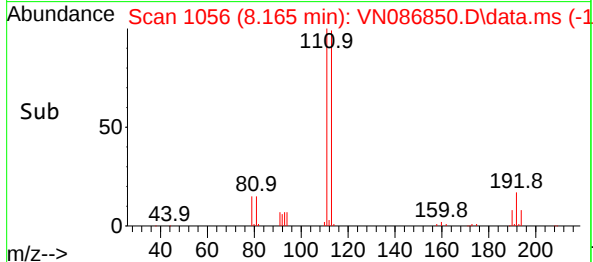
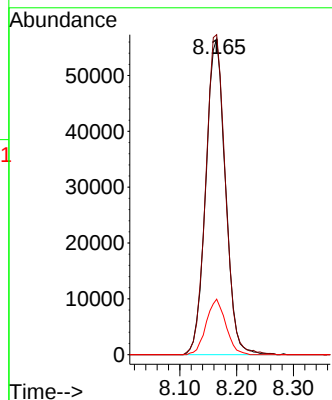
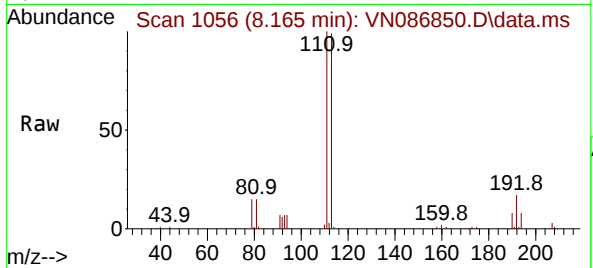




#35
Dibromofluoromethane
Concen: 52.470 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

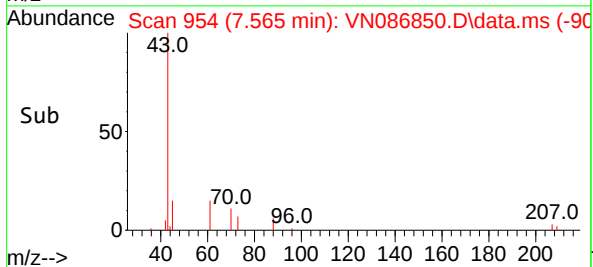
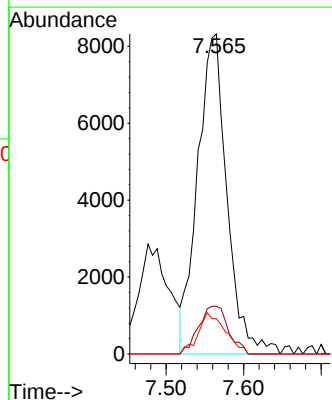
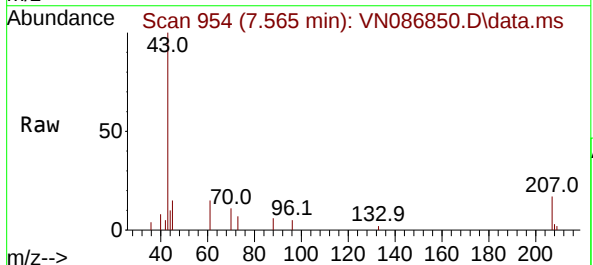
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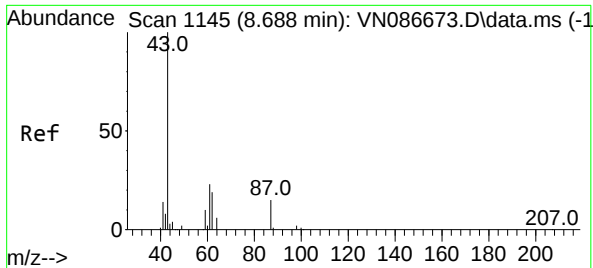
Tgt Ion:113 Resp: 135332
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 17.6 13.8 20.8



#37
Ethyl Acetate
Concen: 5.716 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 43 Resp: 21967
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 11.8 9.4 14.0

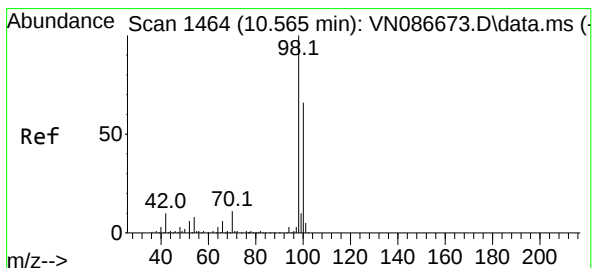
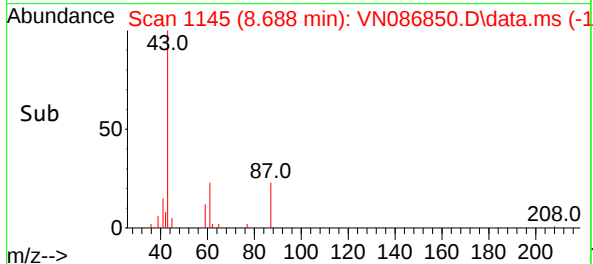
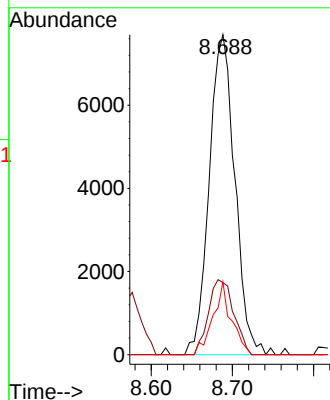
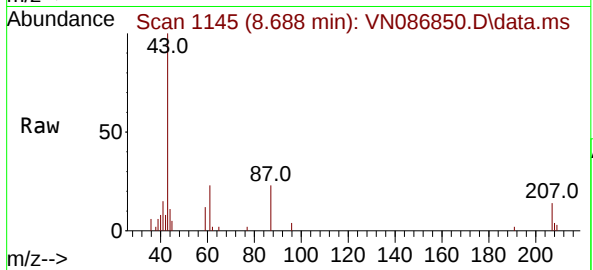




#43
Isopropyl Acetate
Concen: 2.192 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

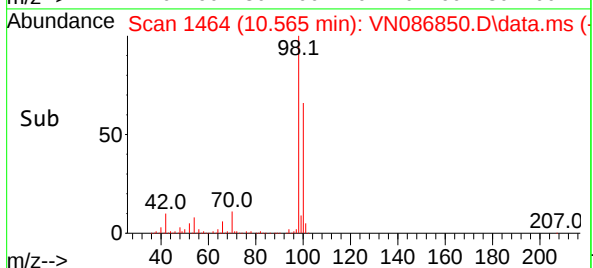
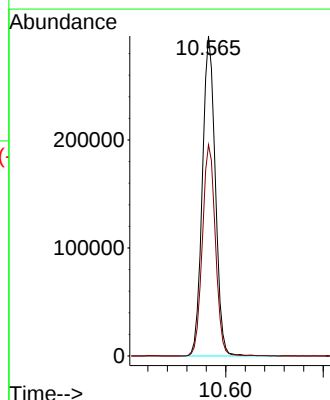
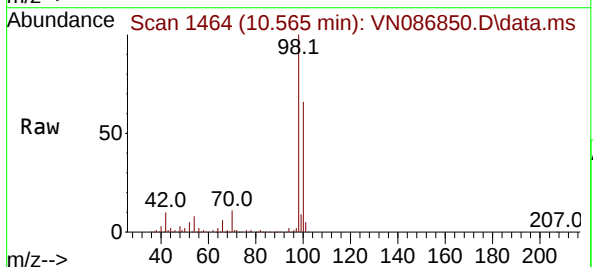
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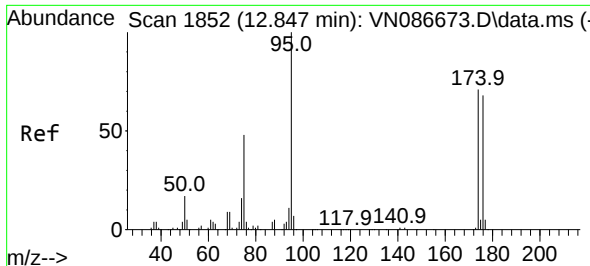
Tgt Ion: 43 Resp: 16891
Ion Ratio Lower Upper
43 100
61 23.2 21.4 32.2
87 16.2 11.1 16.7



#50
Toluene-d8
Concen: 50.998 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 98 Resp: 545090
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3

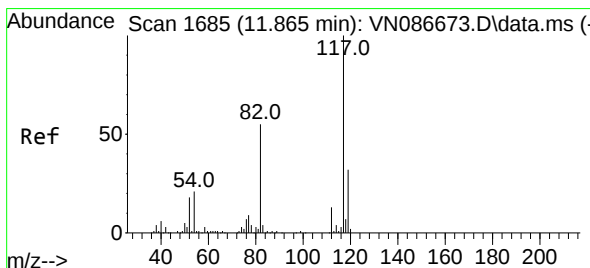
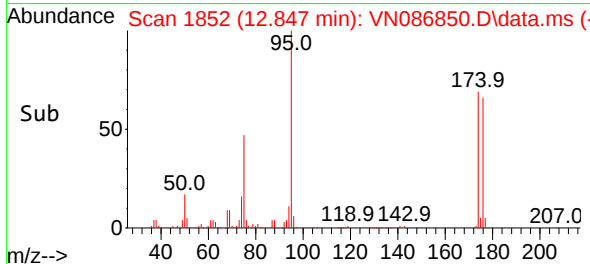
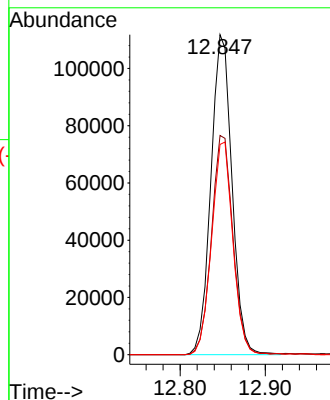
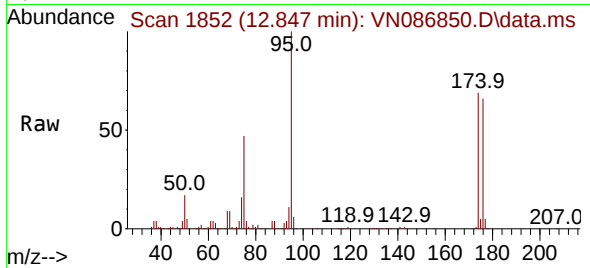




#62
4-Bromofluorobenzene
Concen: 50.863 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

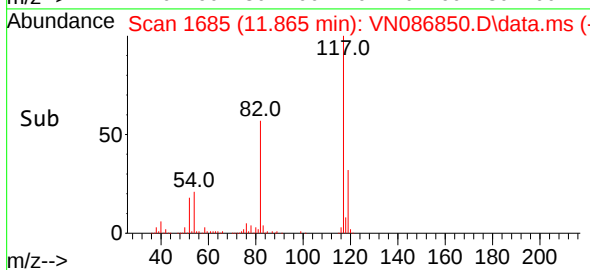
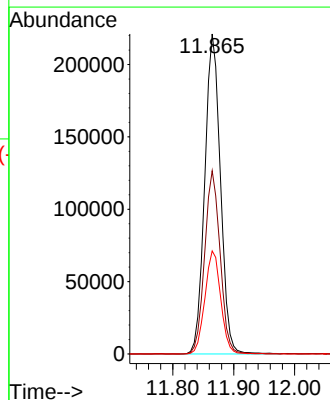
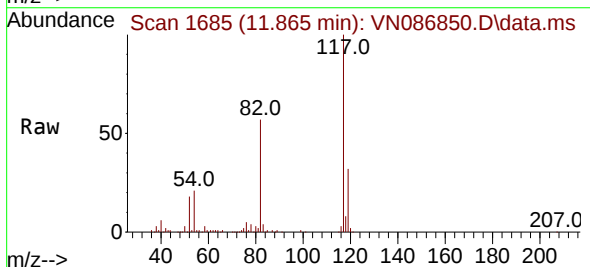
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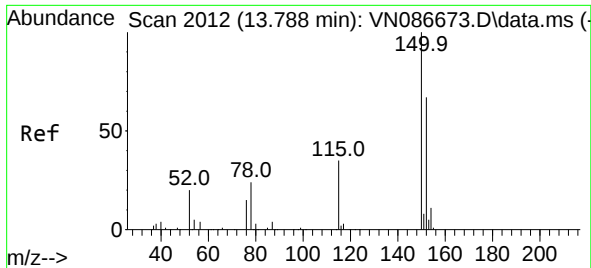
Tgt Ion: 95 Resp: 191959
Ion Ratio Lower Upper
95 100
174 69.9 0.0 145.4
176 67.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

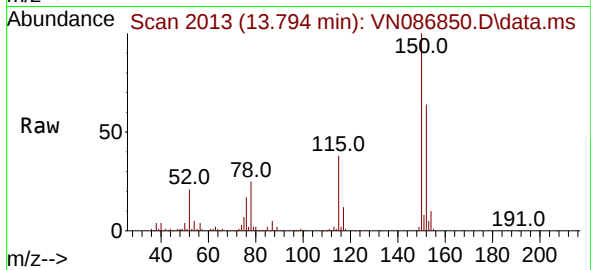
Tgt Ion: 117 Resp: 395403
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086850.D
 Acq: 03 Jun 2025 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#11



Tgt Ion:152 Resp: 165363
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.0 90.1
 150 158.4 0.0 347.8

