

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086849.D
 Acq On : 03 Jun 2025 17:46
 Operator : JC\MD
 Sample : PB168225ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#10

Quant Time: Jun 04 02:03:17 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)

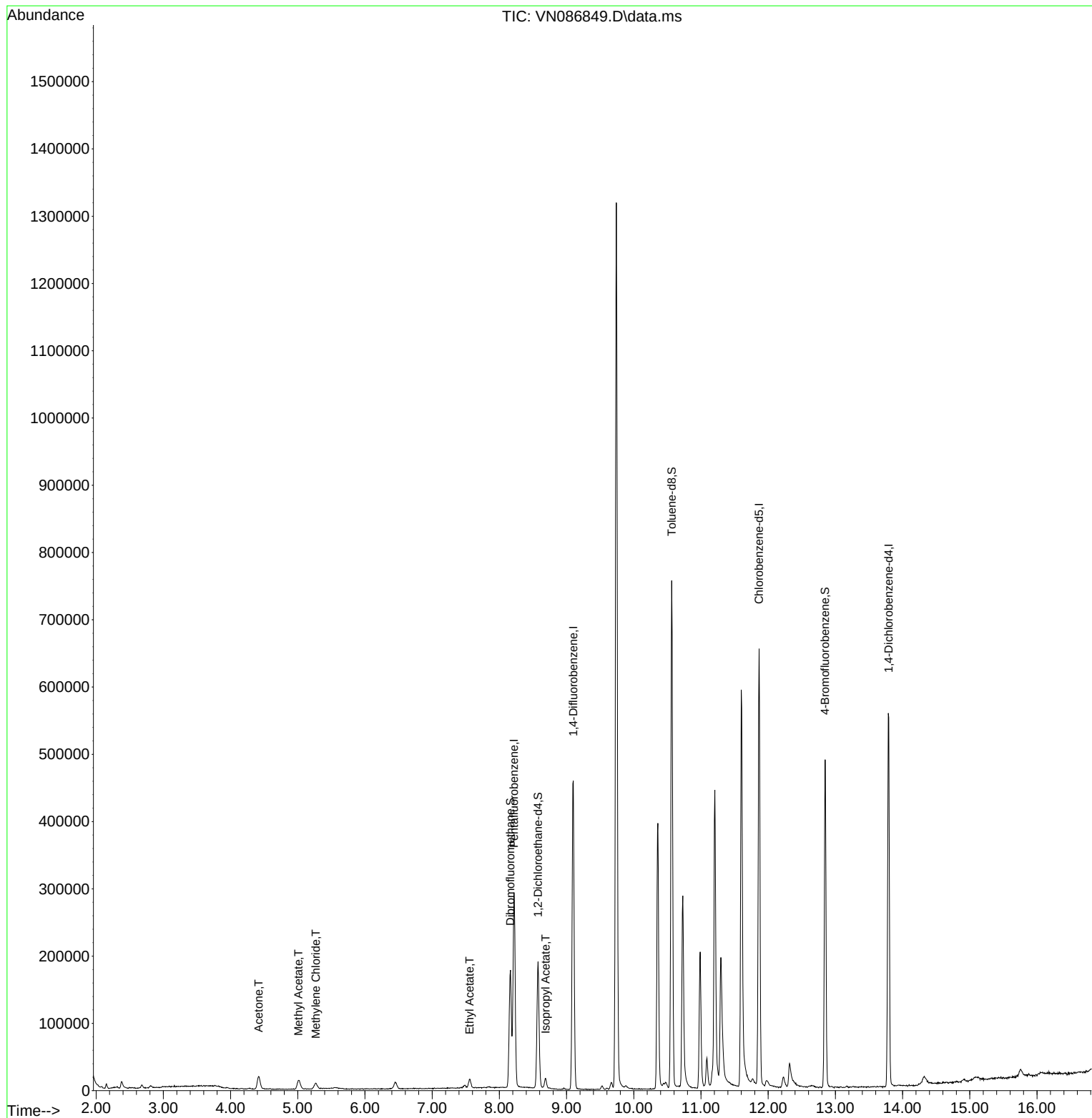
Internal Standards						
1) Pentafluorobenzene	8.218	168	221182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	426089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153603	50.257	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.520%		
35) Dibromofluoromethane	8.165	113	130684	51.500	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.000%		
50) Toluene-d8	10.565	98	534005	50.782	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	12.847	95	192371	51.810	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.620%		
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	37192	32.531	ug/l	97
18) Methyl Acetate	5.012	43	29791	9.310	ug/l	99
20) Methylene Chloride	5.271	84	6782	2.248	ug/l	94
37) Ethyl Acetate	7.559	43	19950	5.276	ug/l	96
43) Isopropyl Acetate	8.688	43	17136	2.261	ug/l	93

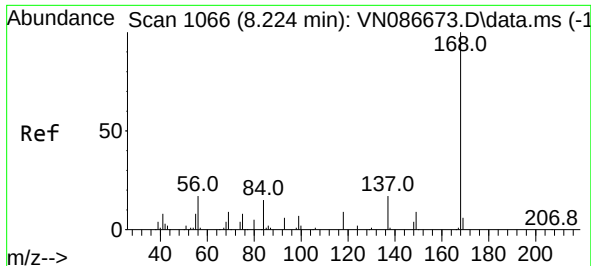
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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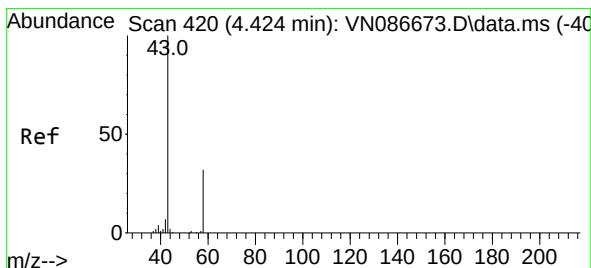
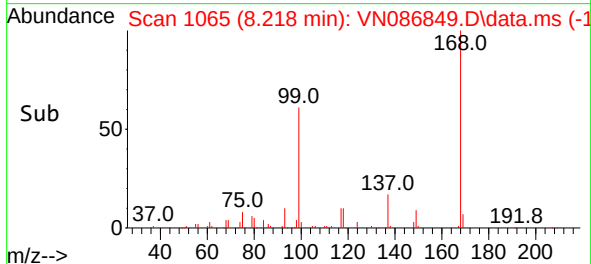
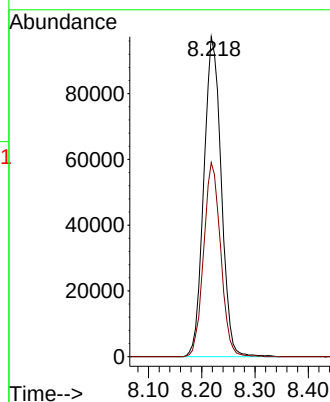
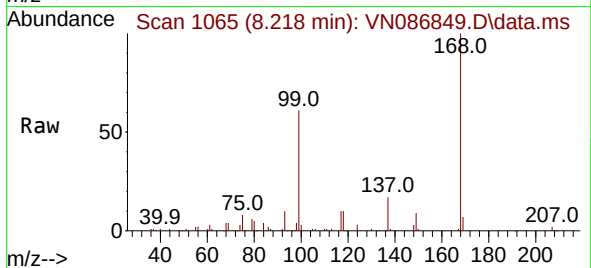




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

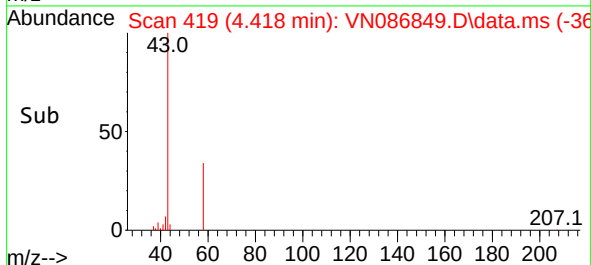
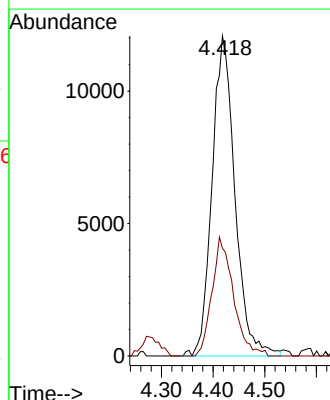
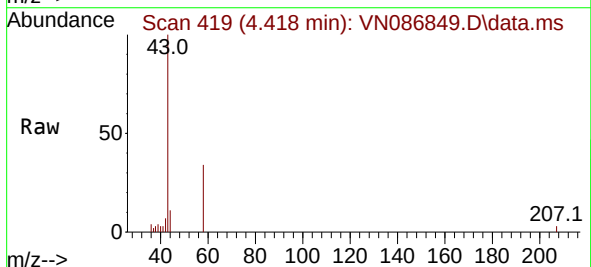
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

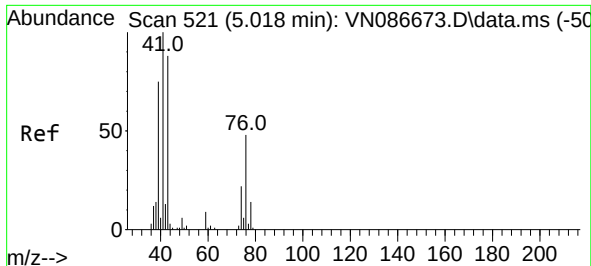
Tgt Ion:168 Resp: 221182
Ion Ratio Lower Upper
168 100
99 60.7 47.0 70.4



#16
Acetone
Concen: 32.531 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 43 Resp: 37192
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6

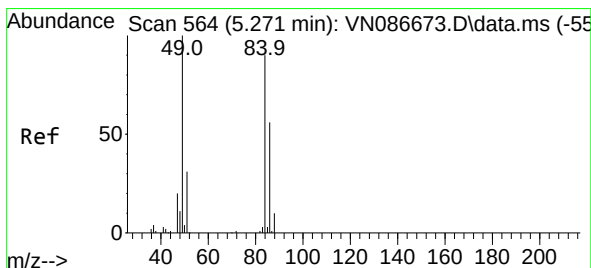
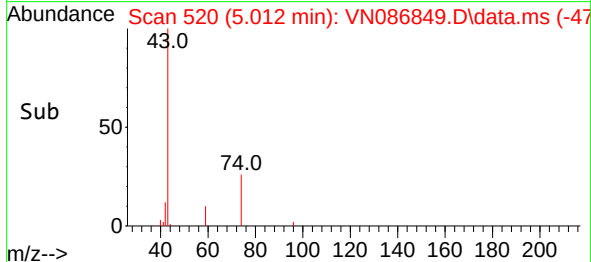
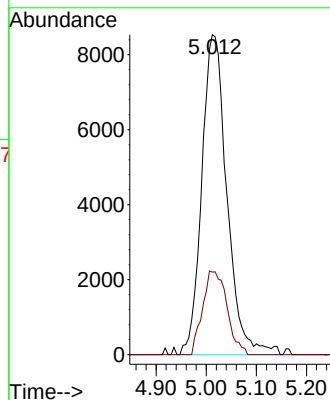
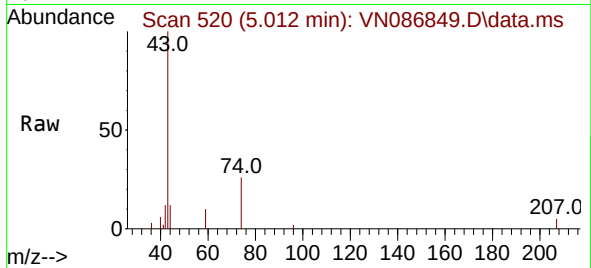




#18
Methyl Acetate
Concen: 9.310 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

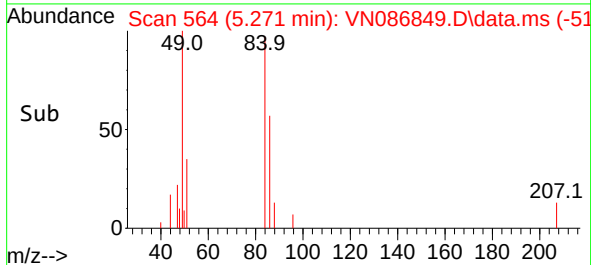
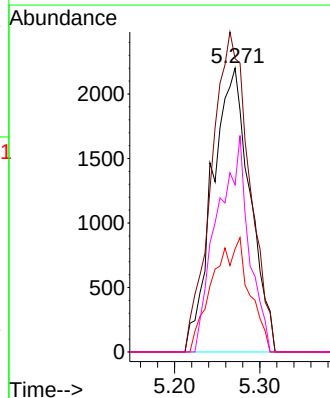
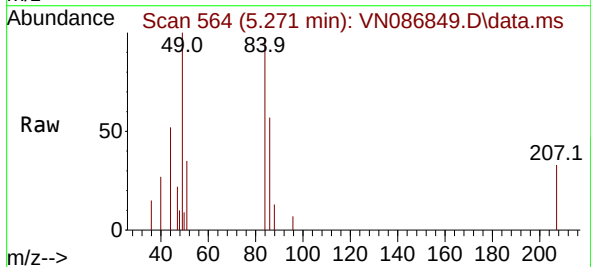
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

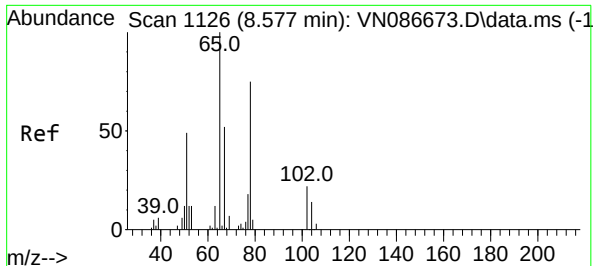
Tgt Ion: 43 Resp: 29791
Ion Ratio Lower Upper
43 100
74 25.2 20.5 30.7



#20
Methylene Chloride
Concen: 2.248 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 84 Resp: 6782
Ion Ratio Lower Upper
84 100
49 103.3 88.8 133.2
51 36.3 27.8 41.6
86 58.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 50.257 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086849.D

Acq: 03 Jun 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

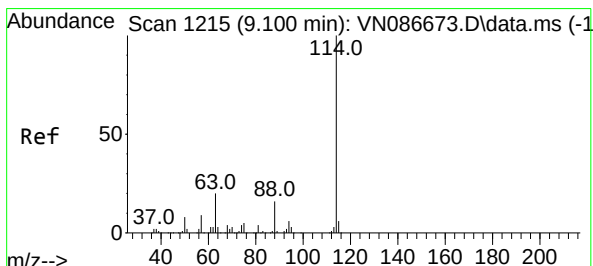
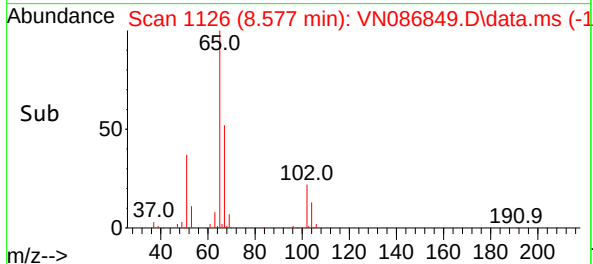
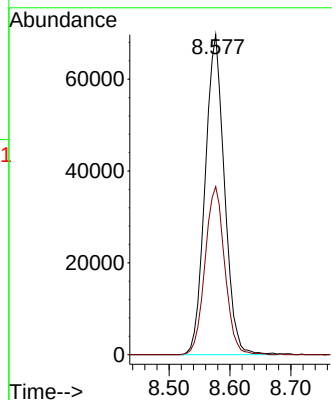
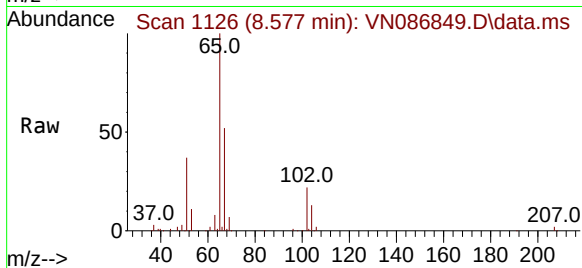
PB168225ZHE#10

Tgt Ion: 65 Resp: 153603

Ion Ratio Lower Upper

65 100

67 53.7 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: VN086849.D

Acq: 03 Jun 2025 17:46

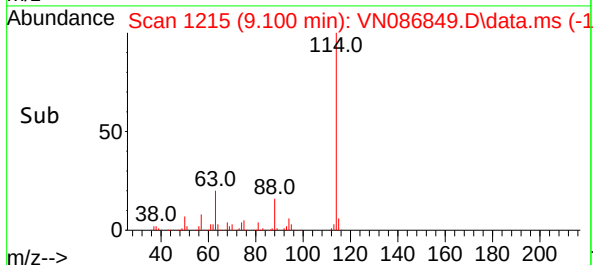
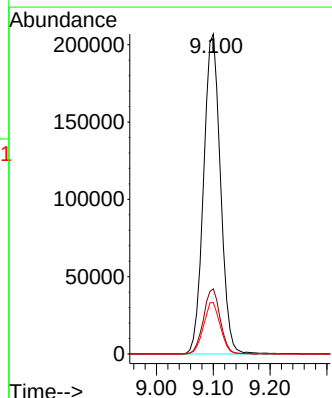
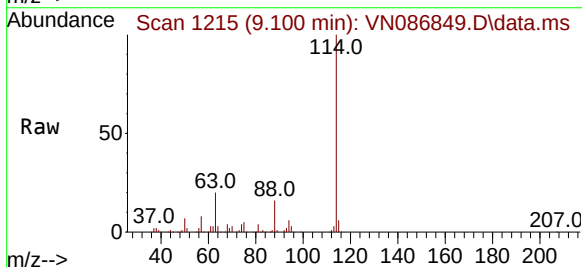
Tgt Ion: 114 Resp: 426089

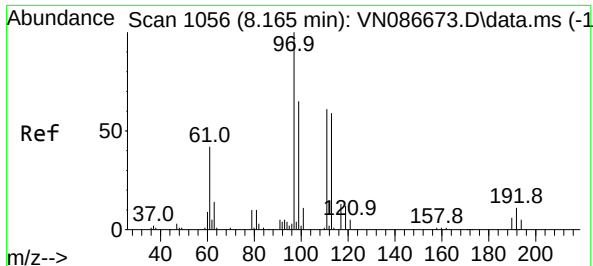
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086849.D

Acq: 03 Jun 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#10

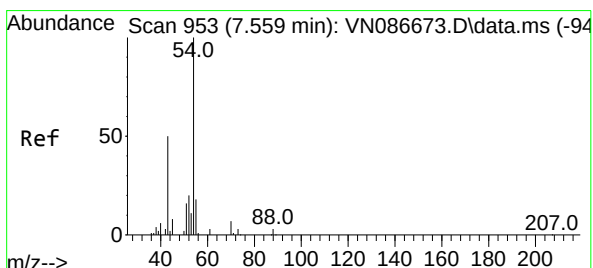
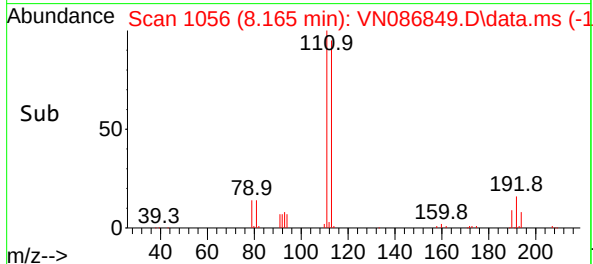
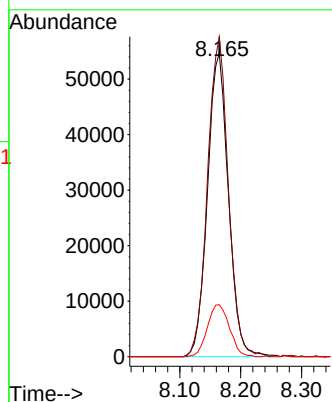
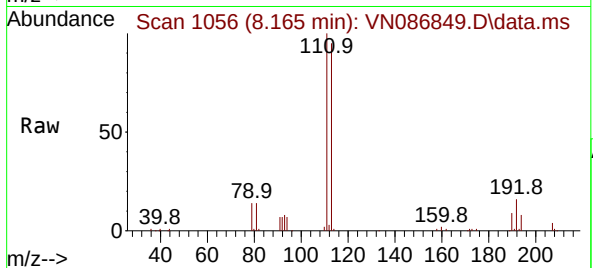
Tgt Ion:113 Resp: 130684

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 18.1 13.8 20.8



#37

Ethyl Acetate

Concen: 5.276 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN086849.D

Acq: 03 Jun 2025 17:46

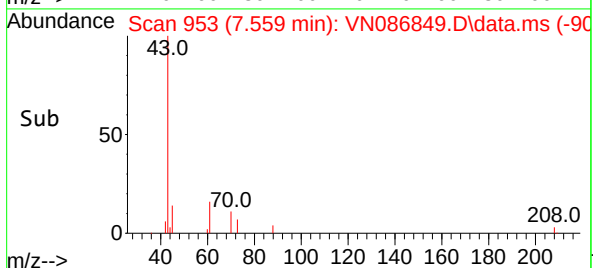
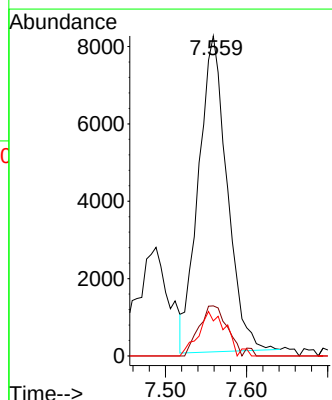
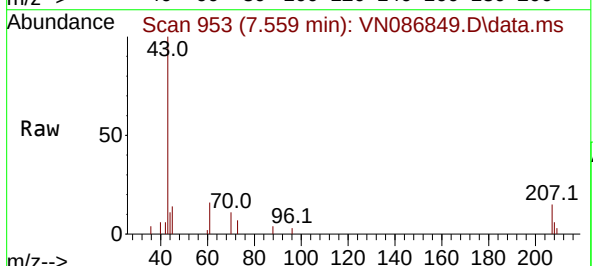
Tgt Ion: 43 Resp: 19950

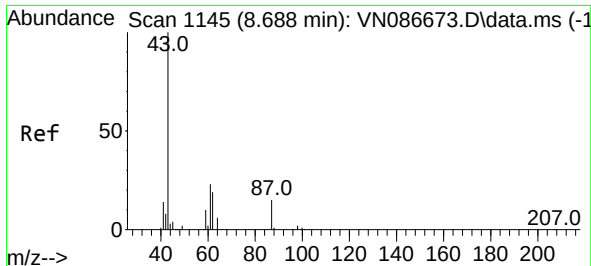
Ion Ratio Lower Upper

43 100

61 15.5 11.6 17.4

70 13.6 9.4 14.0

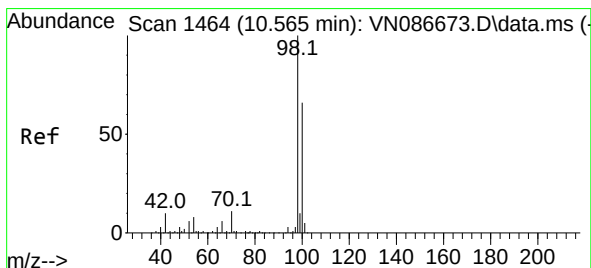
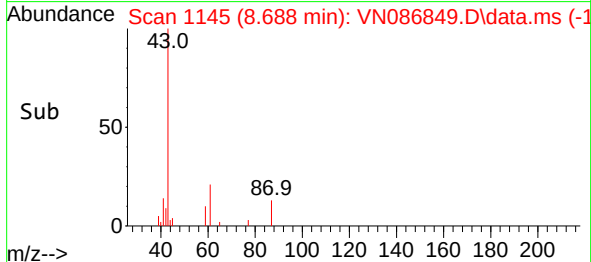
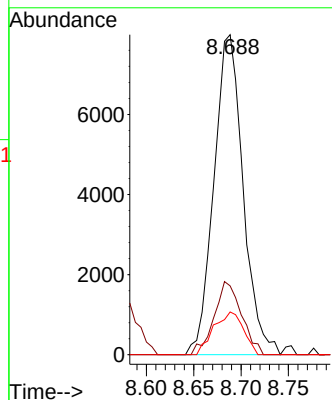
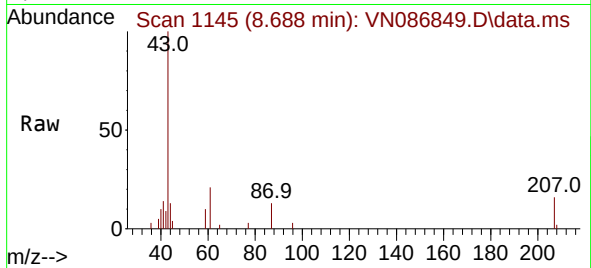




#43
Isopropyl Acetate
Concen: 2.261 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

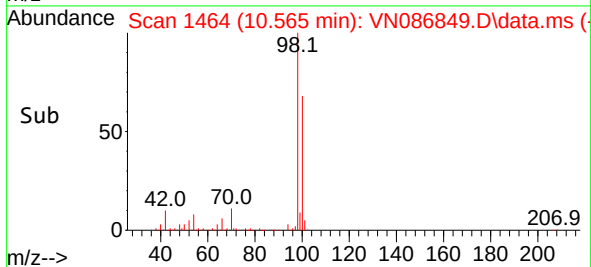
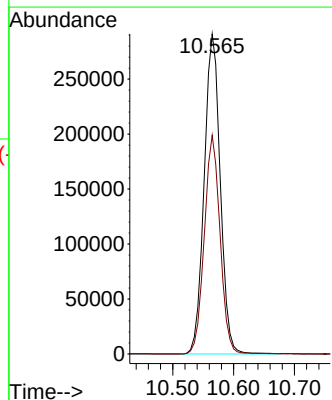
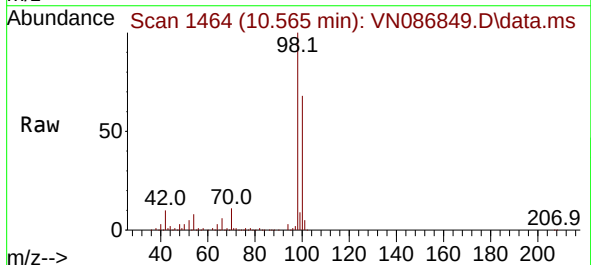
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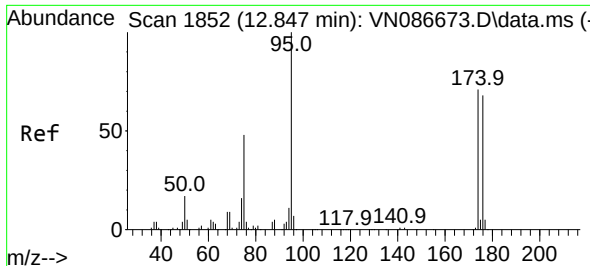
Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
61 21.4 21.4 32.2
87 13.5 11.1 16.7



#50
Toluene-d8
Concen: 50.782 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 98 Resp: 534005
Ion Ratio Lower Upper
98 100
100 67.1 52.9 79.3

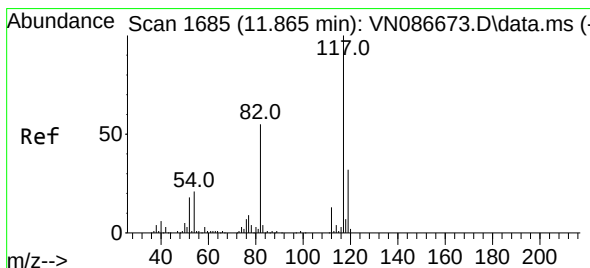
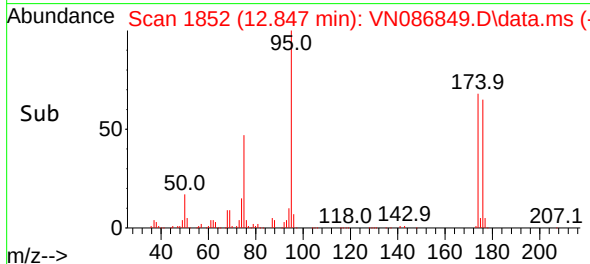
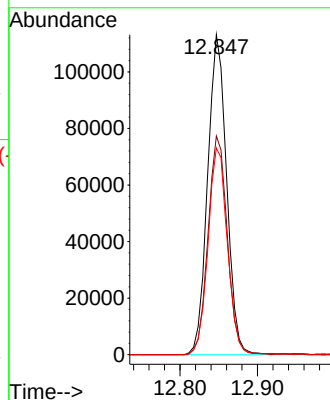
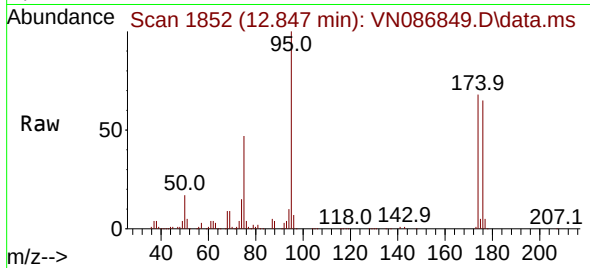




#62
4-Bromofluorobenzene
Concen: 51.810 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

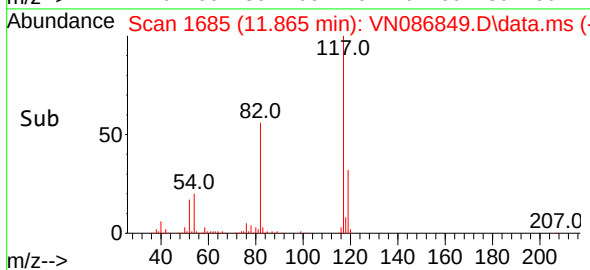
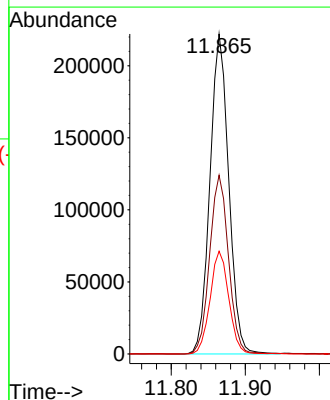
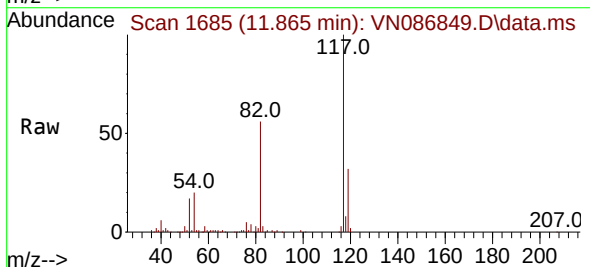
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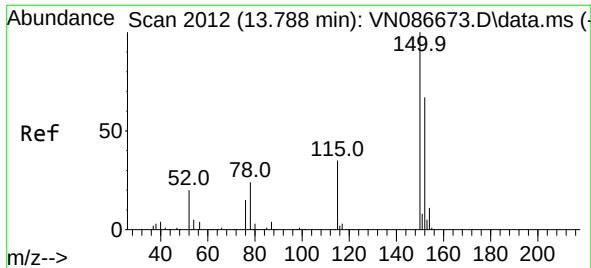
Tgt Ion: 95 Resp: 192371
Ion Ratio Lower Upper
95 100
174 69.1 0.0 145.4
176 65.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

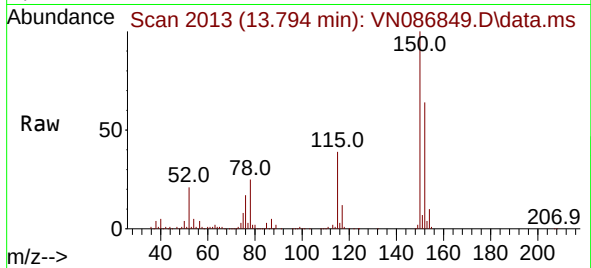
Tgt Ion: 117 Resp: 390915
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086849.D
 Acq: 03 Jun 2025 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#10



Tgt Ion:152 Resp: 163060
 Ion Ratio Lower Upper
 152 100
 115 63.0 30.0 90.1
 150 159.7 0.0 347.8

