

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086842.D
 Acq On : 03 Jun 2025 14:57
 Operator : JC\MD
 Sample : PB168225ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#03

Quant Time: Jun 04 01:59:58 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)

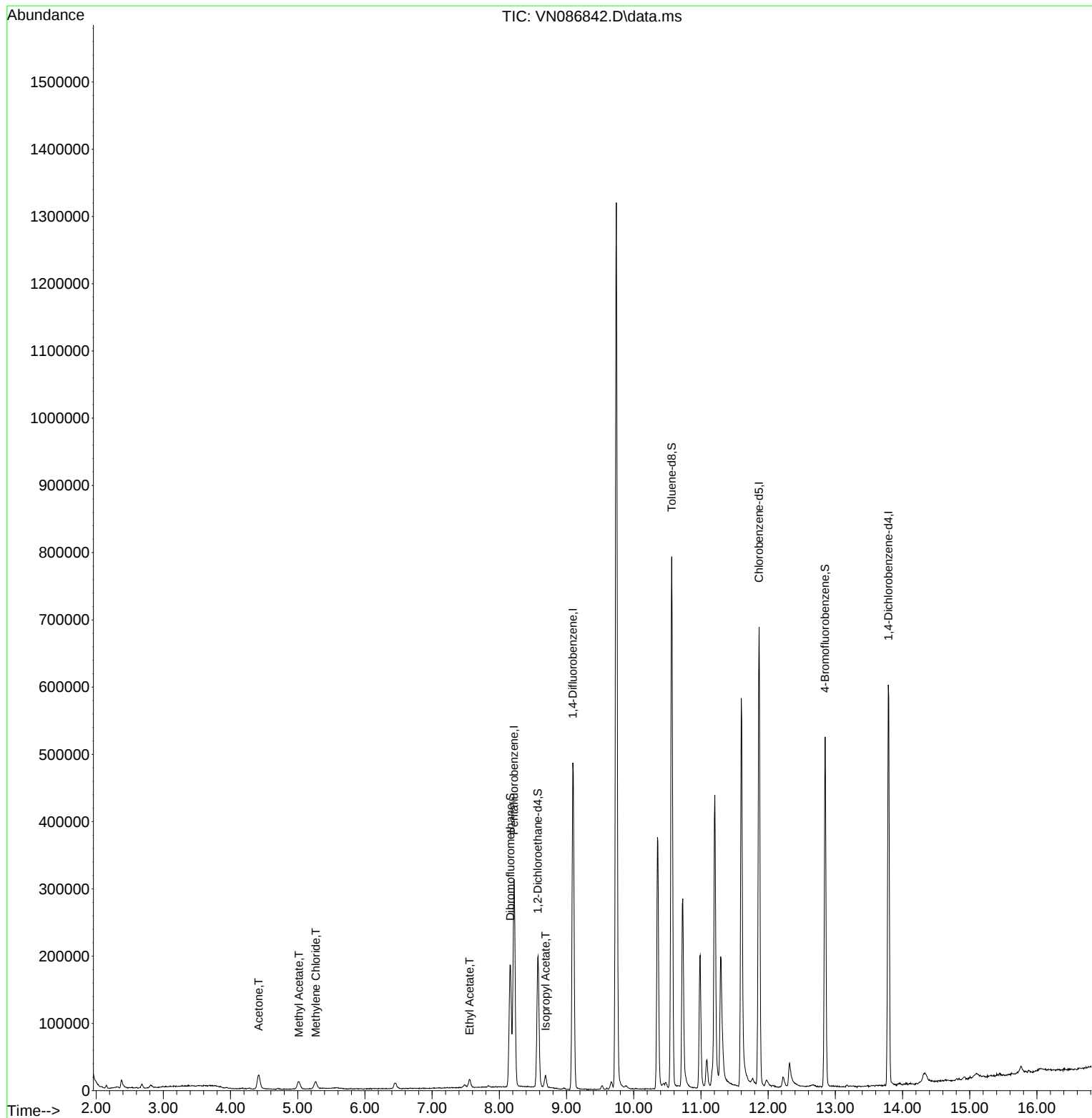
Internal Standards						
1) Pentafluorobenzene	8.218	168	235882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	452805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	159501	48.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.165	113	140358	52.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.100%
50) Toluene-d8	10.565	98	569101	50.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.847	95	202673	51.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.720%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	41581	34.104	ug/l	98
18) Methyl Acetate	5.018	43	25026	7.334	ug/l	97
20) Methylene Chloride	5.271	84	8632	2.683	ug/l	92
37) Ethyl Acetate	7.559	43	18333	4.563	ug/l	98
43) Isopropyl Acetate	8.688	43	20739	2.575	ug/l	94

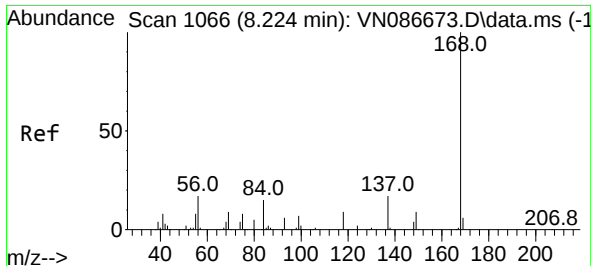
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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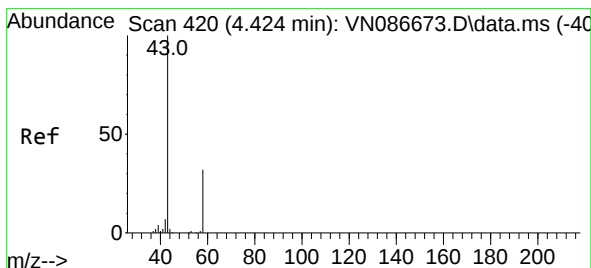
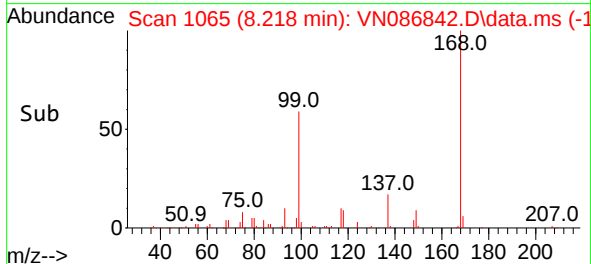
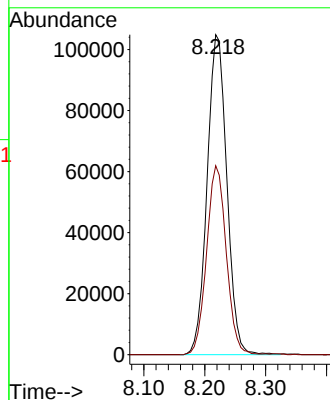
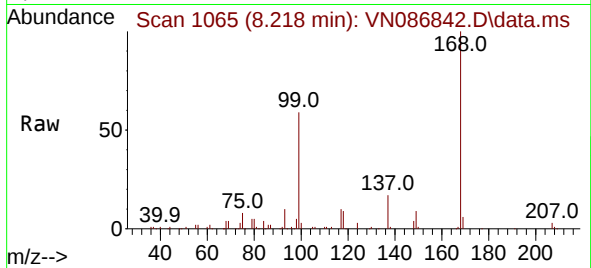




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

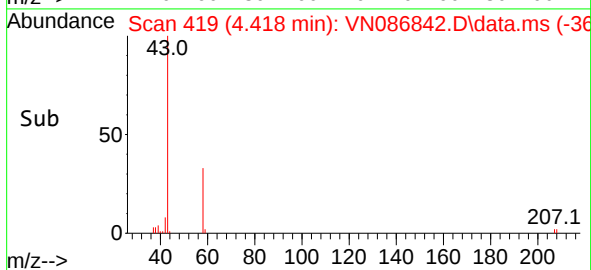
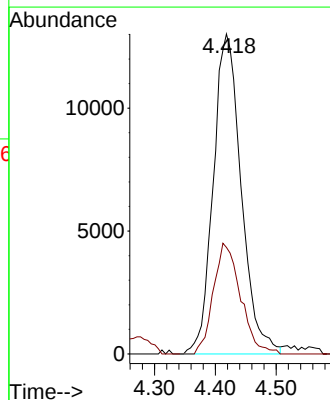
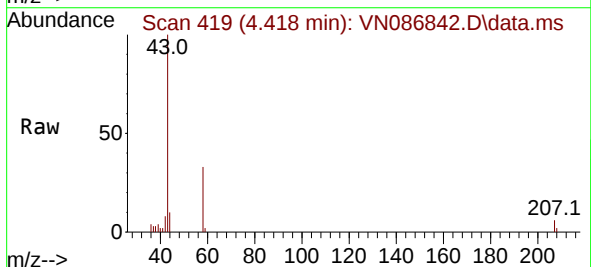
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#03

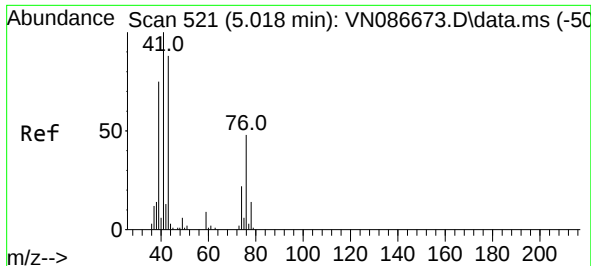
Tgt Ion:168 Resp: 235882
Ion Ratio Lower Upper
168 100
99 59.0 47.0 70.4



#16
Acetone
Concen: 34.104 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

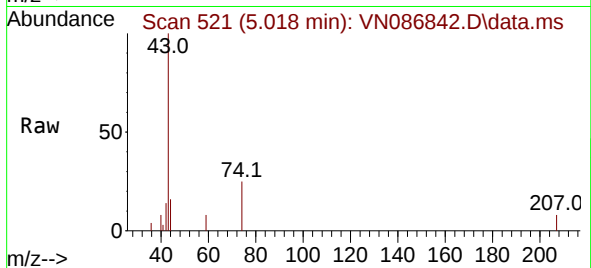
Tgt Ion: 43 Resp: 41581
Ion Ratio Lower Upper
43 100
58 33.3 25.8 38.6



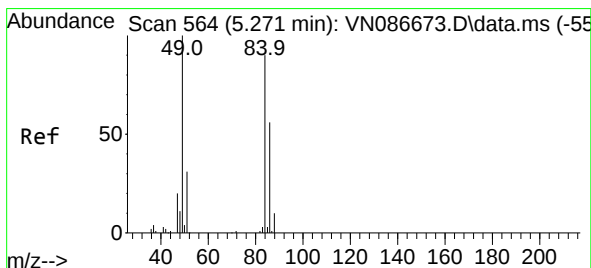
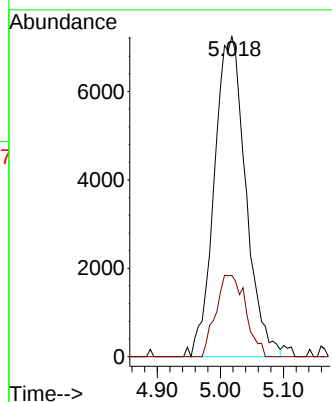
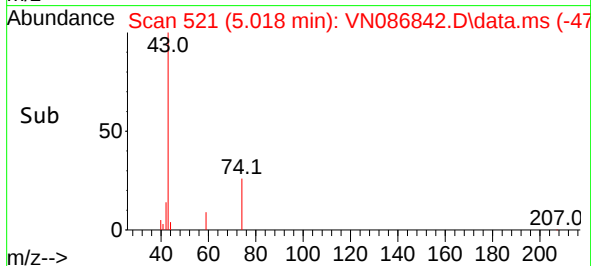


#18
Methyl Acetate
Concen: 7.334 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#03

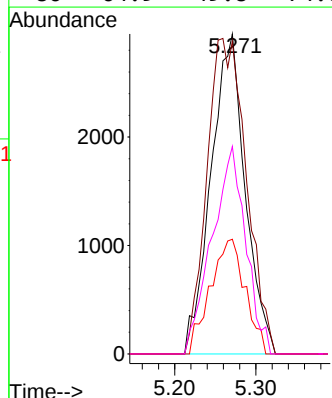
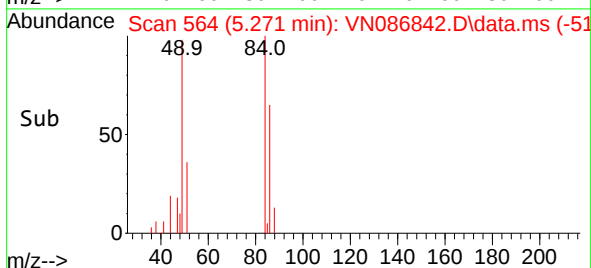
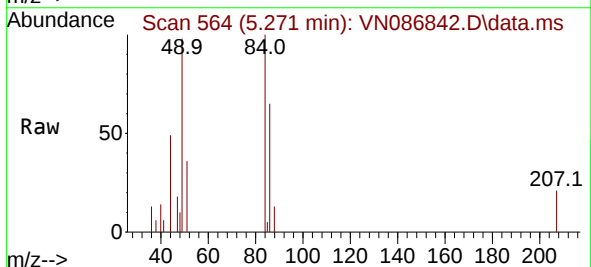


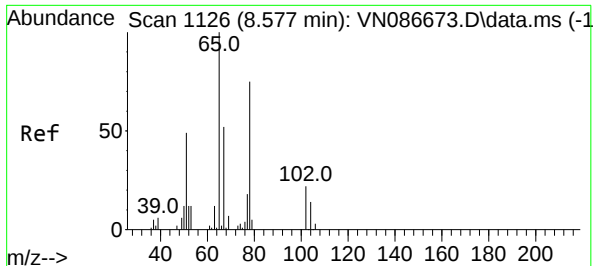
Tgt Ion: 43 Resp: 25026
Ion Ratio Lower Upper
43 100
74 24.1 20.5 30.7



#20
Methylene Chloride
Concen: 2.683 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

Tgt Ion: 84 Resp: 8632
Ion Ratio Lower Upper
84 100
49 97.8 88.8 133.2
51 35.9 27.8 41.6
86 64.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 48.935 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN086842.D

Acq: 03 Jun 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

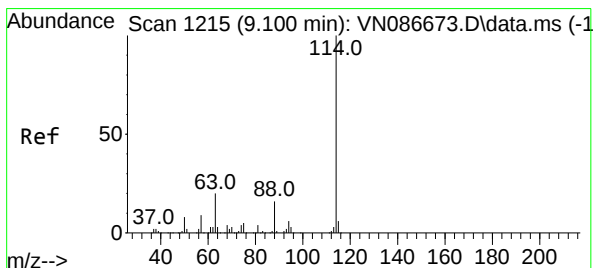
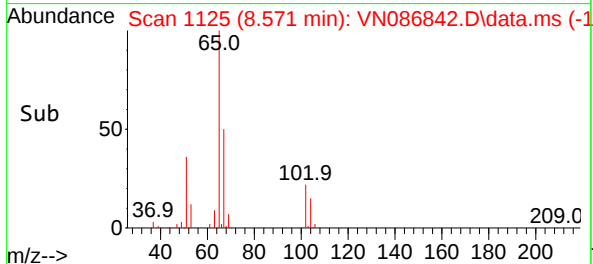
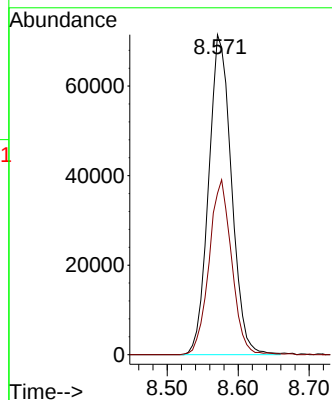
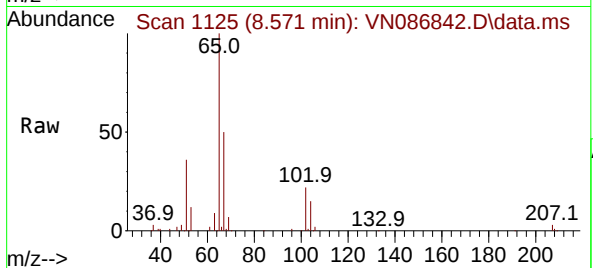
PB168225ZHE#03

Tgt Ion: 65 Resp: 159501

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086842.D

Acq: 03 Jun 2025 14:57

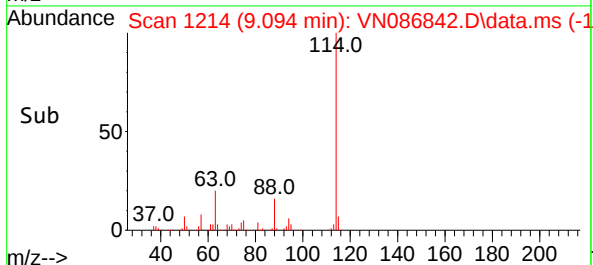
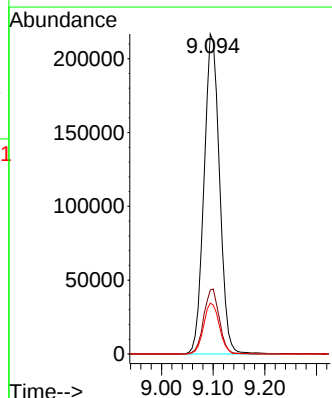
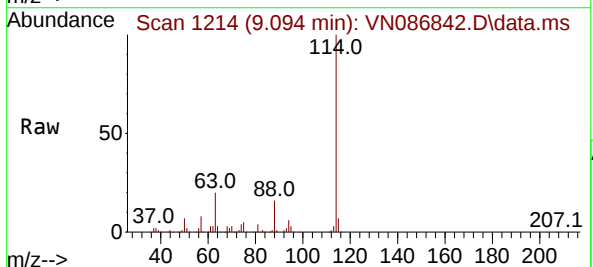
Tgt Ion: 114 Resp: 452805

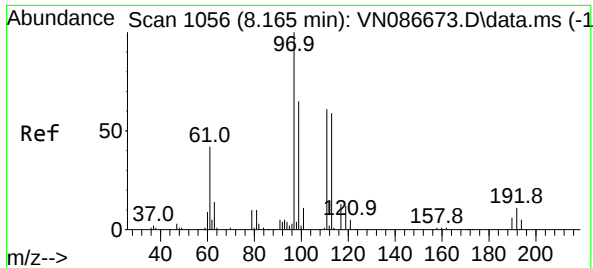
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.9 0.0 31.2

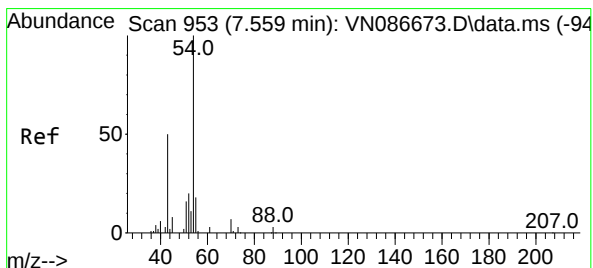
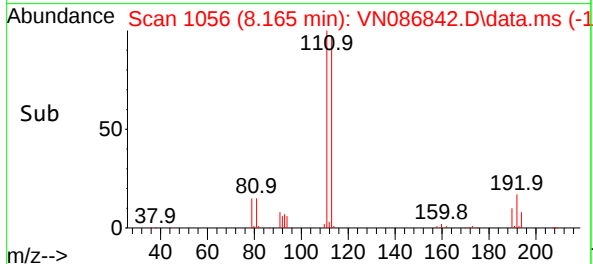
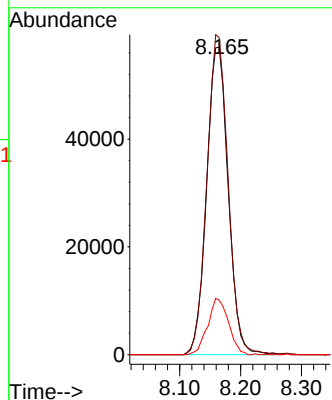
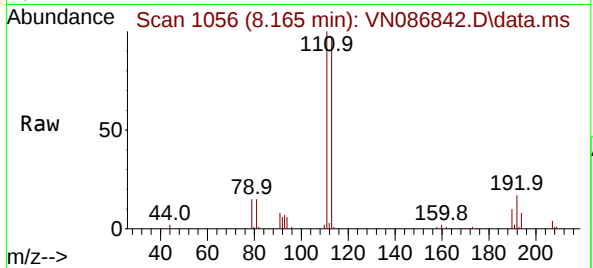




#35
Dibromofluoromethane
Concen: 52.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

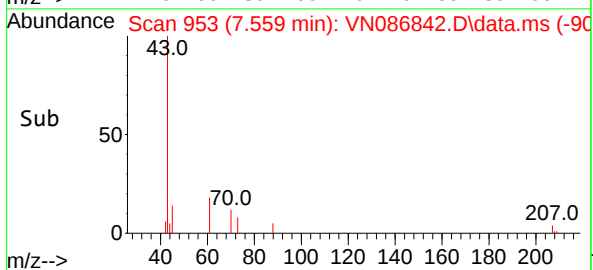
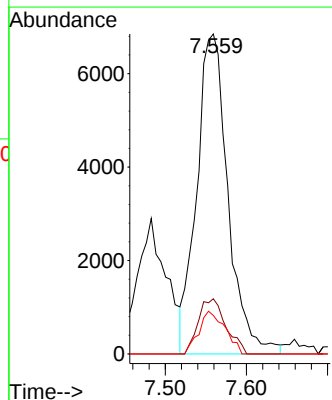
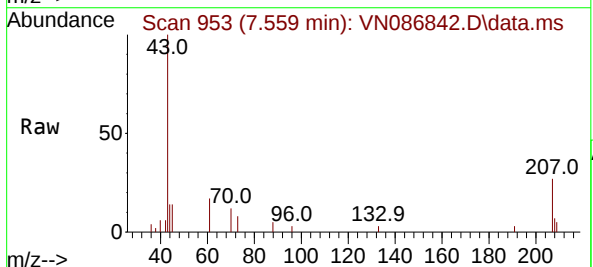
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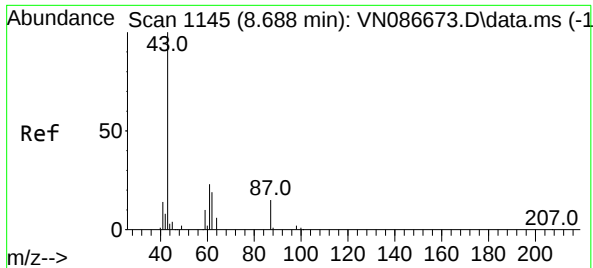
Tgt Ion:113 Resp: 140358
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.6 13.8 20.8



#37
Ethyl Acetate
Concen: 4.563 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

Tgt Ion: 43 Resp: 18333
Ion Ratio Lower Upper
43 100
61 15.2 11.6 17.4
70 11.2 9.4 14.0

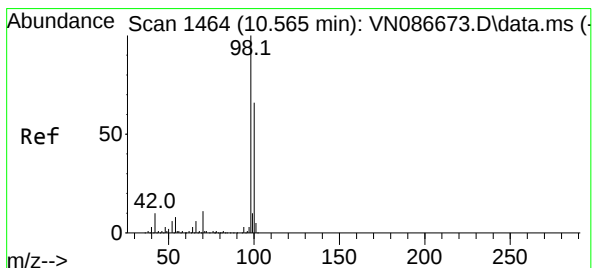
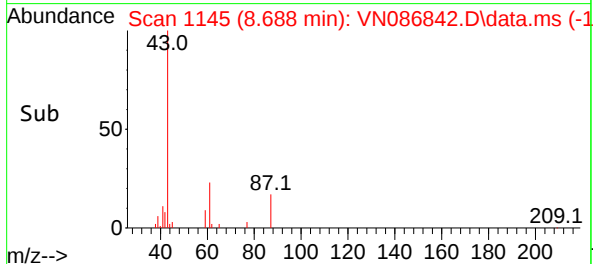
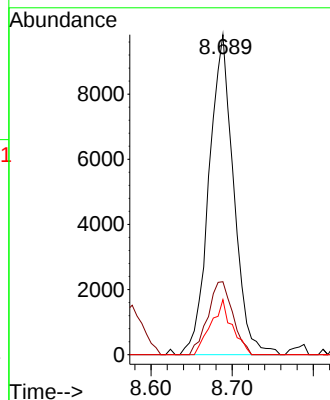
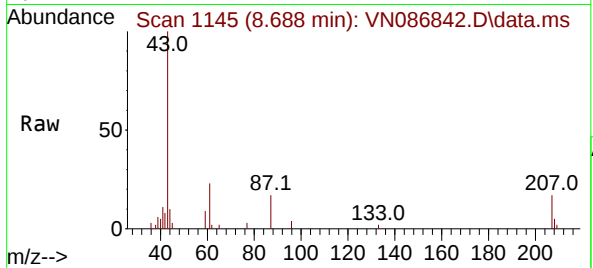




#43
Isopropyl Acetate
Concen: 2.575 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

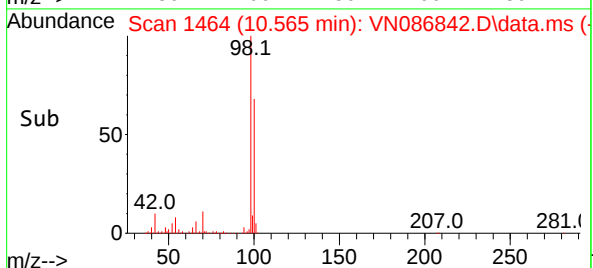
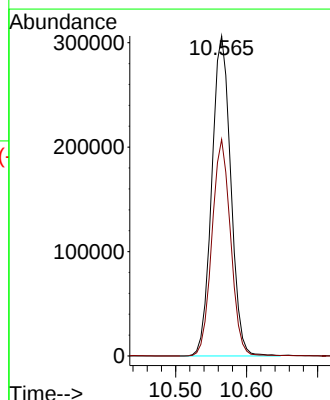
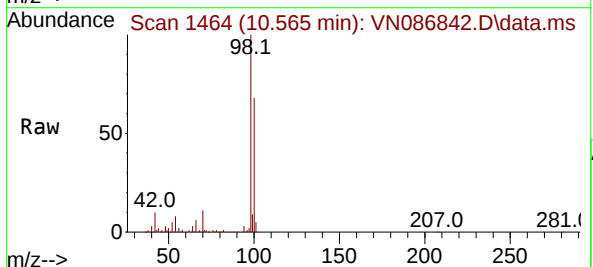
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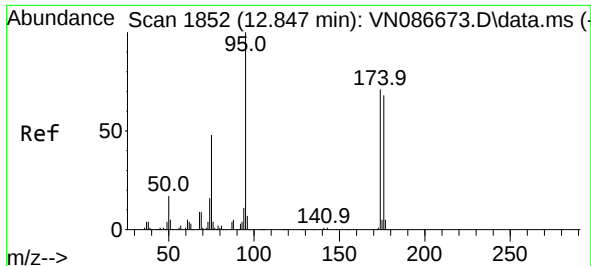
Tgt Ion:	43	Resp:	20739
Ion	Ratio	Lower	Upper
43	100		
61	23.1	21.4	32.2
87	14.8	11.1	16.7



#50
Toluene-d8
Concen: 50.926 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

Tgt Ion:	98	Resp:	569101
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3

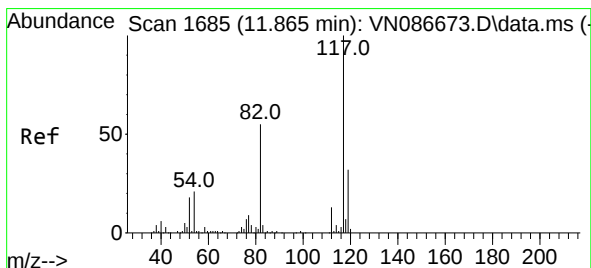
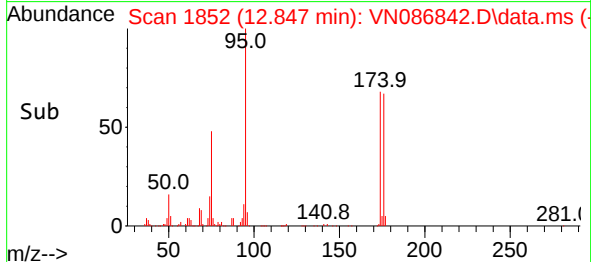
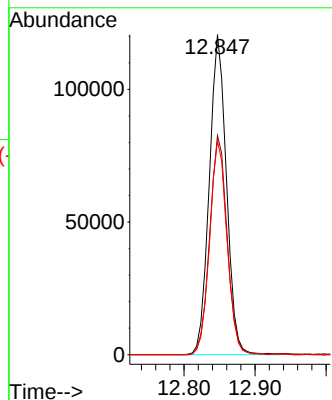
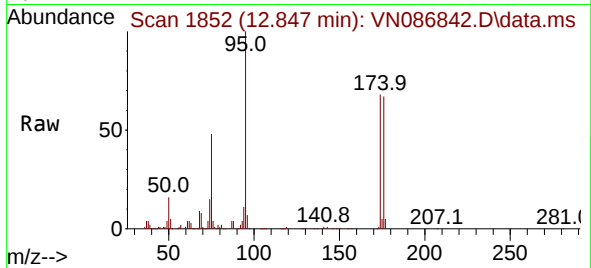




#62
4-Bromofluorobenzene
Concen: 51.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

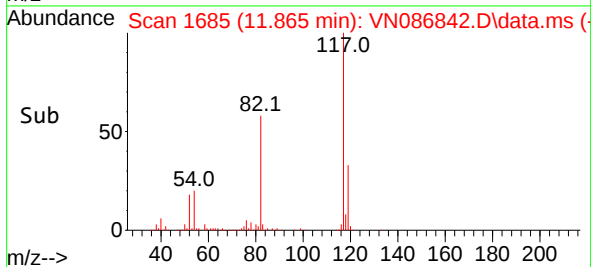
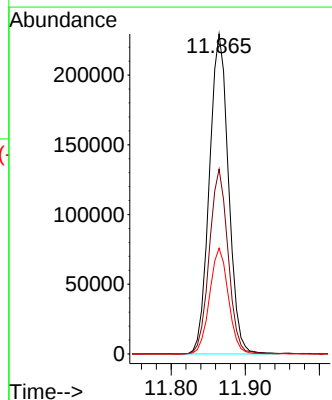
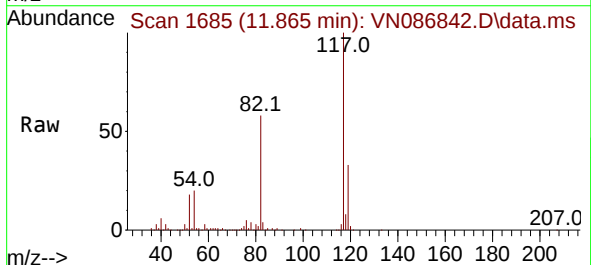
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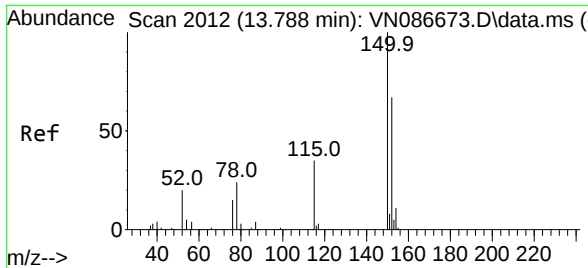
Tgt Ion: 95 Resp: 202673
Ion Ratio Lower Upper
95 100
174 69.6 0.0 145.4
176 67.3 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086842.D
Acq: 03 Jun 2025 14:57

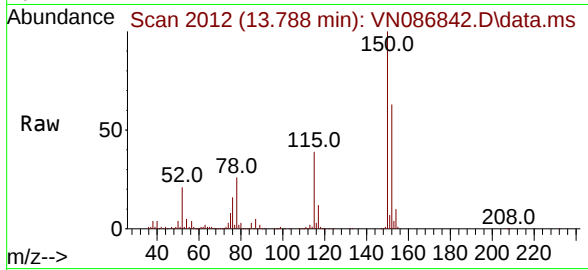
Tgt Ion: 117 Resp: 411779
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 33.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086842.D
 Acq: 03 Jun 2025 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#03



Tgt Ion:	152	Resp:	173583
Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.0	90.1
150	158.5	0.0	347.8

