

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087890.D
 Acq On : 18 Sep 2025 12:45
 Operator : JC\MD
 Sample : PB169730TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169730TB

Quant Time: Sep 19 03:05:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

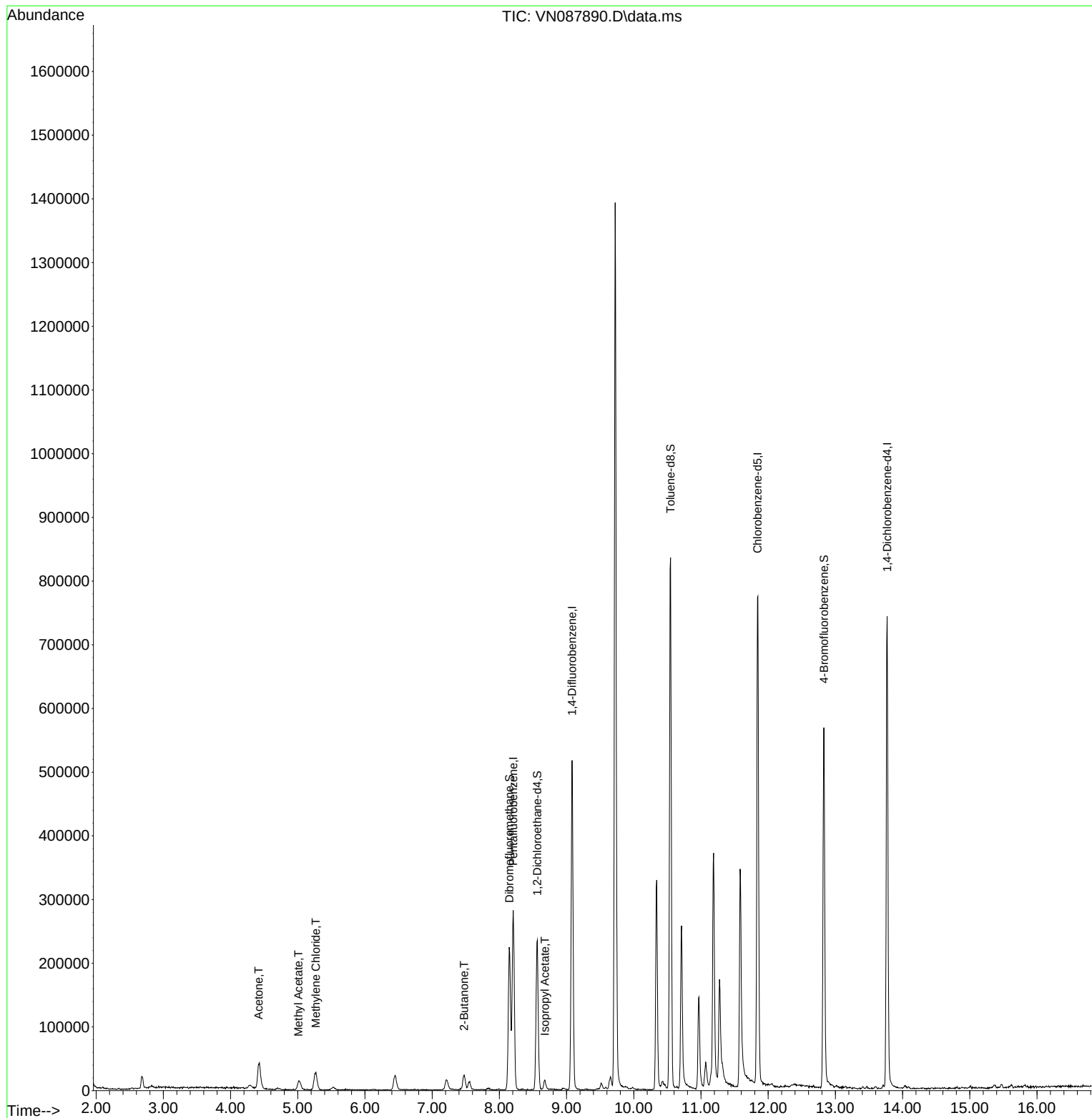
Internal Standards						
1) Pentafluorobenzene	8.206	168	193250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	427700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	451921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	192432	48.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.147	113	160578	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.547	98	563286	48.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.829	95	195567	47.580	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.160%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	79559	36.911	ug/l	98
18) Methyl Acetate	5.012	43	31213	6.916	ug/l	94
20) Methylene Chloride	5.271	84	21782	5.892	ug/l #	94
25) 2-Butanone	7.477	43	38590	13.609	ug/l	100
43) Isopropyl Acetate	8.677	43	16242	1.607	ug/l #	94

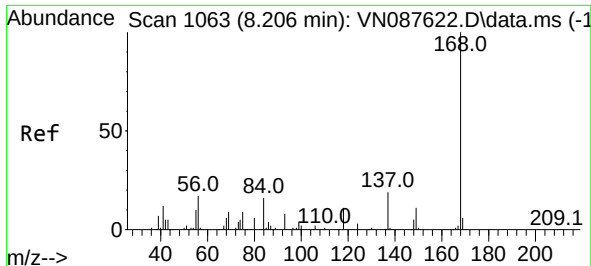
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

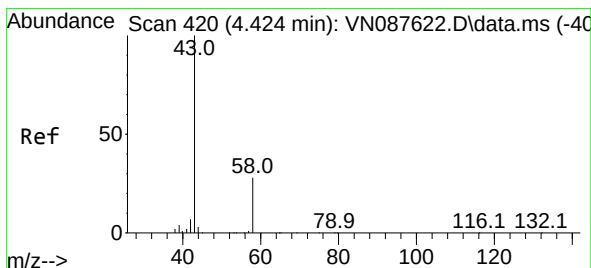
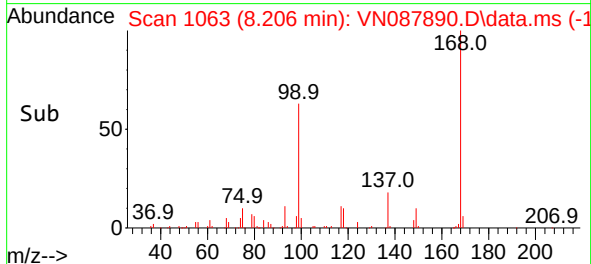
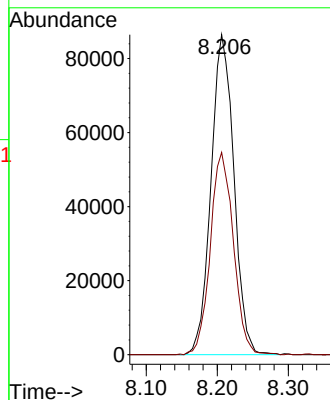
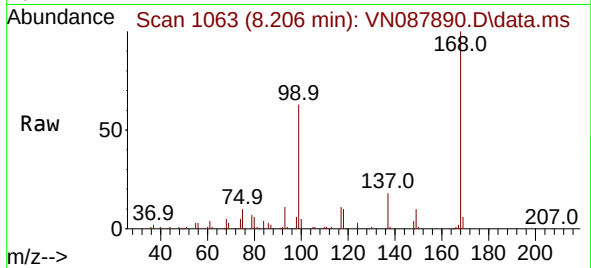




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

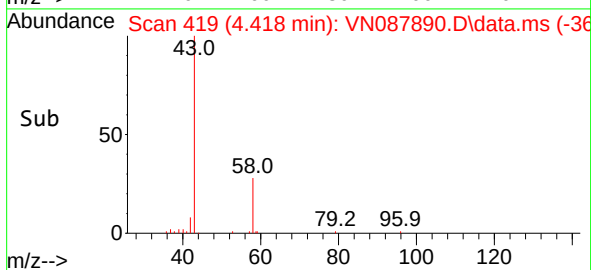
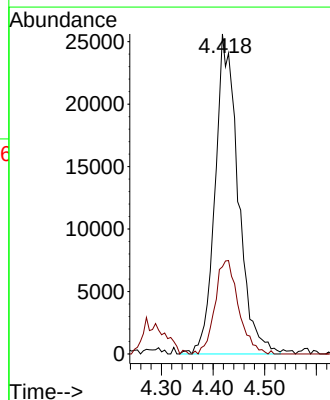
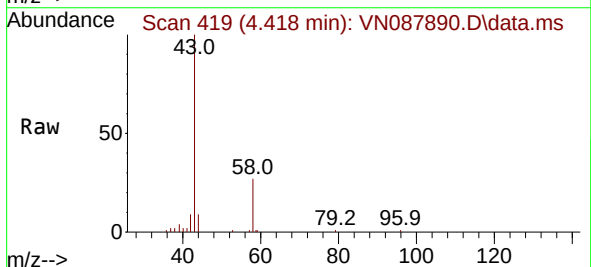
Instrument :
MSVOA_N
ClientSampleId :
PB169730TB

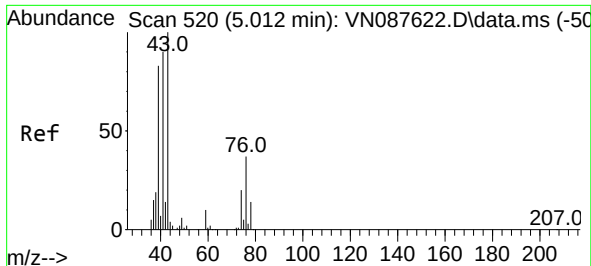
Tgt Ion:168 Resp: 193250
Ion Ratio Lower Upper
168 100
99 63.2 57.2 85.8



#16
Acetone
Concen: 36.911 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

Tgt Ion: 43 Resp: 79559
Ion Ratio Lower Upper
43 100
58 27.3 22.6 33.8

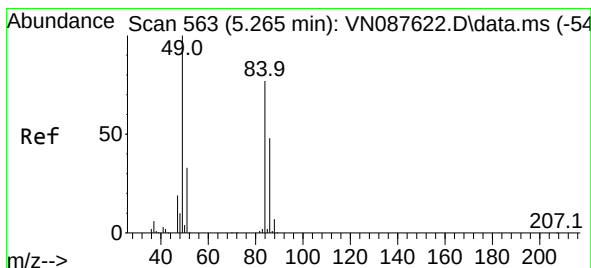
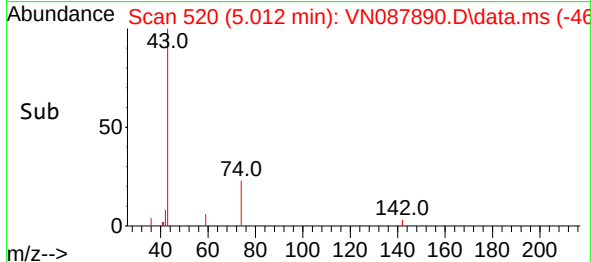
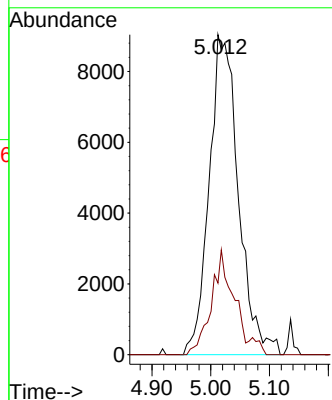
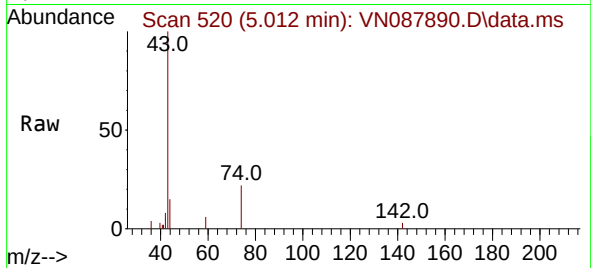




#18
Methyl Acetate
Concen: 6.916 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

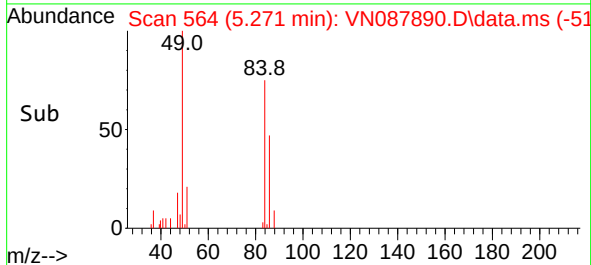
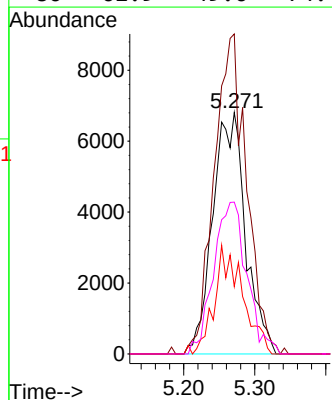
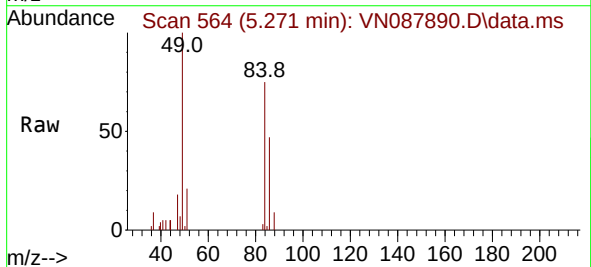
Instrument :
MSVOA_N
ClientSampleId :
PB169730TB

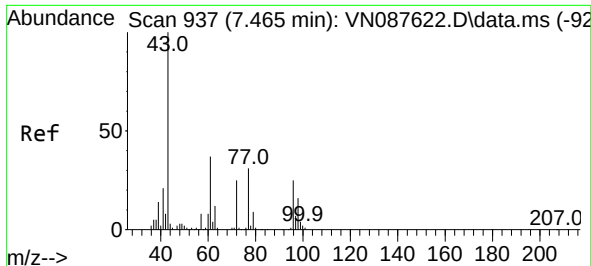
Tgt Ion: 43 Resp: 31213
Ion Ratio Lower Upper
43 100
74 24.8 17.6 26.4



#20
Methylene Chloride
Concen: 5.892 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

Tgt Ion: 84 Resp: 21782
Ion Ratio Lower Upper
84 100
49 132.5 103.4 155.2
51 27.9 33.8 50.8#
86 62.9 49.6 74.4

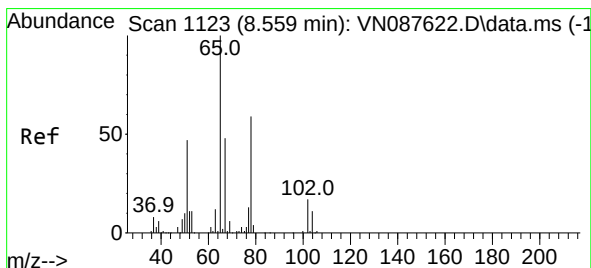
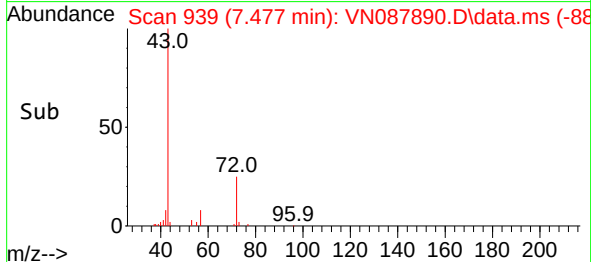
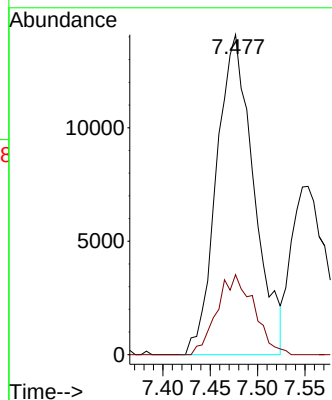
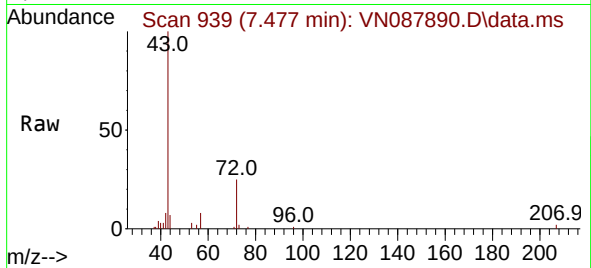




#25
2-Butanone
Concen: 13.609 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

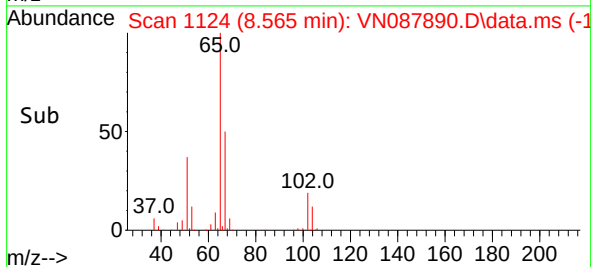
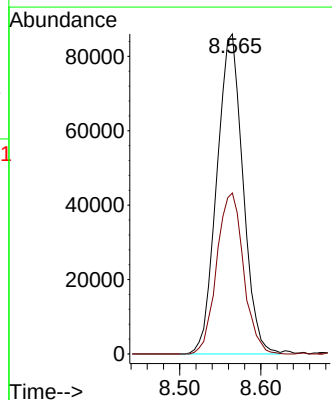
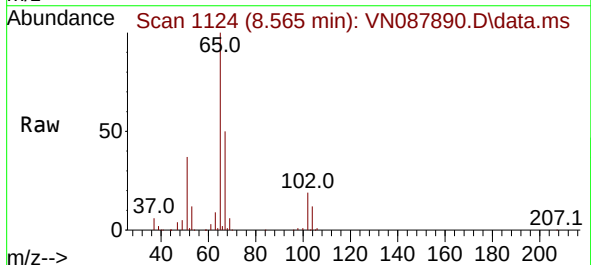
Instrument :
MSVOA_N
ClientSampleId :
PB169730TB

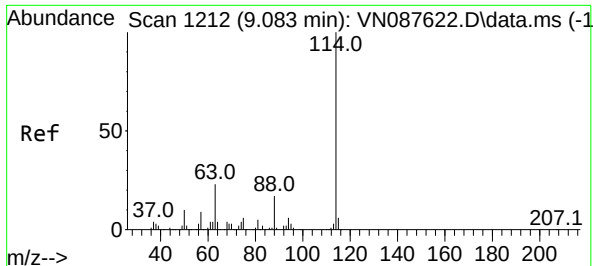
Tgt Ion: 43 Resp: 38590
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 48.600 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

Tgt Ion: 65 Resp: 192432
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087890.D

Acq: 18 Sep 2025 12:45

Instrument :

MSVOA_N

ClientSampleId :

PB169730TB

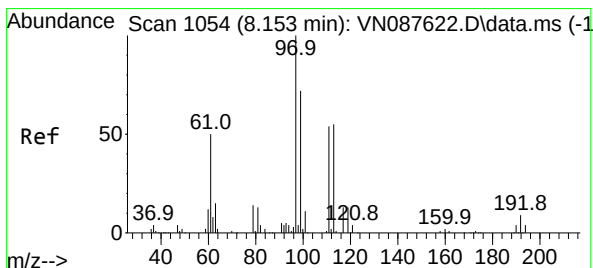
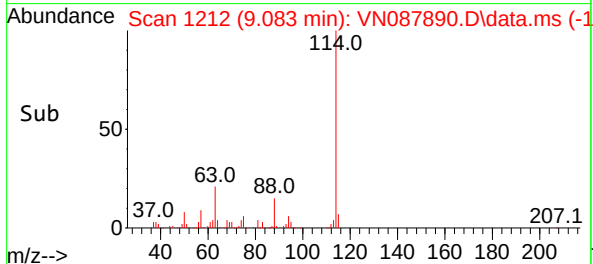
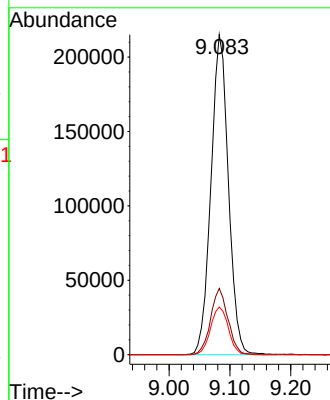
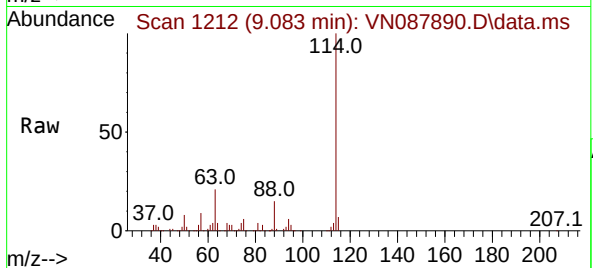
Tgt Ion:114 Resp: 427700

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.2

88 14.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087890.D

Acq: 18 Sep 2025 12:45

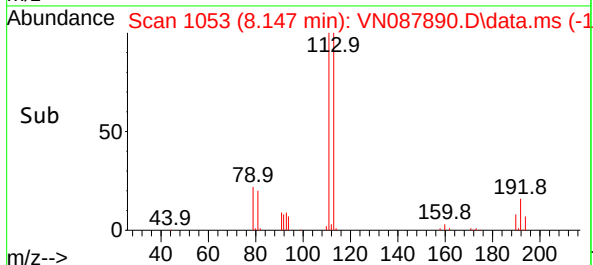
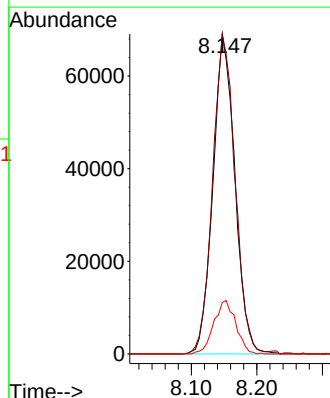
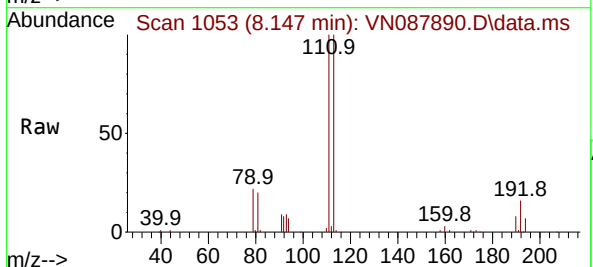
Tgt Ion:113 Resp: 160578

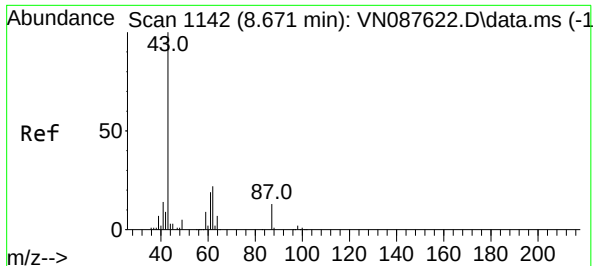
Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 16.8 12.8 19.2





#43

Isopropyl Acetate

Concen: 1.607 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087890.D

Acq: 18 Sep 2025 12:45

Instrument :

MSVOA_N

ClientSampleId :

PB169730TB

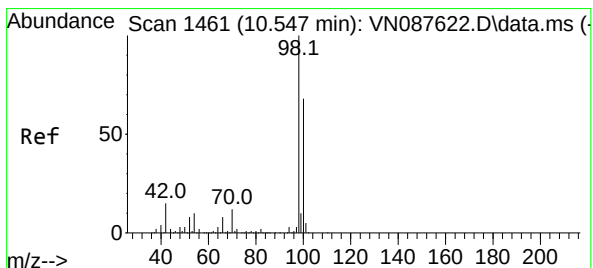
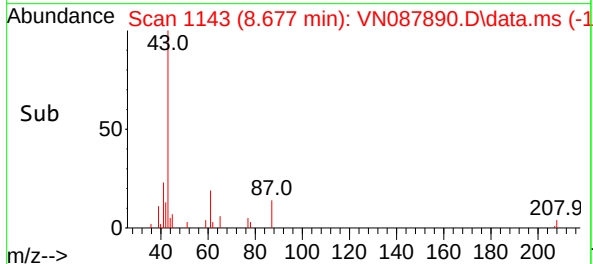
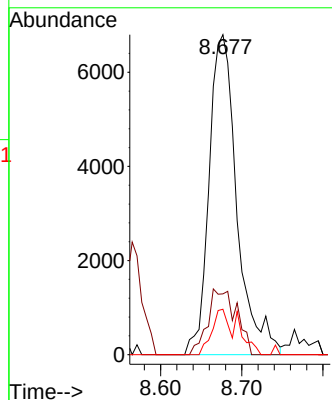
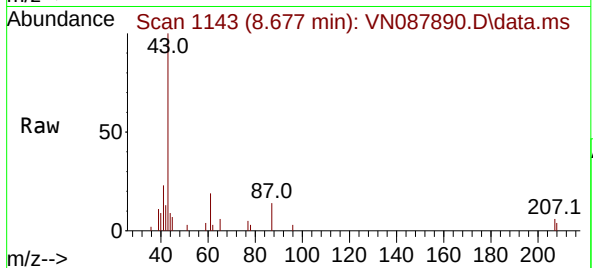
Tgt Ion: 43 Resp: 16242

Ion Ratio Lower Upper

43 100

61 21.2 18.8 28.2

87 8.7 9.6 14.4#



#50

Toluene-d8

Concen: 48.737 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087890.D

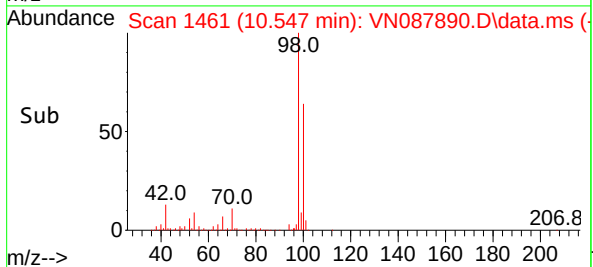
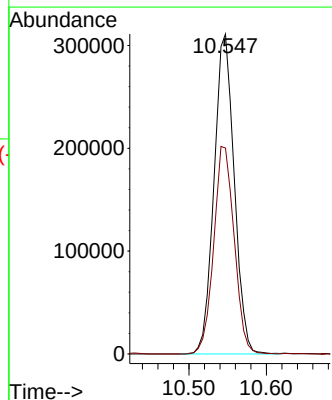
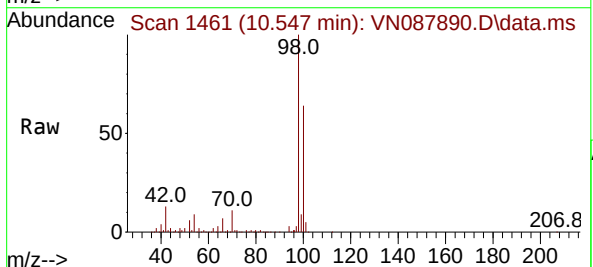
Acq: 18 Sep 2025 12:45

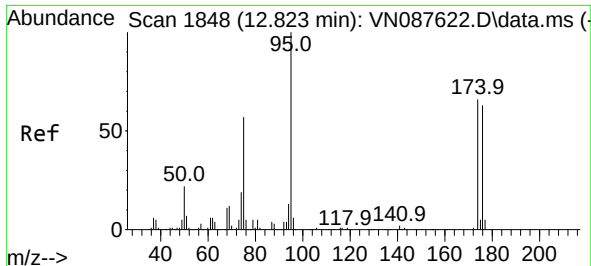
Tgt Ion: 98 Resp: 563286

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2

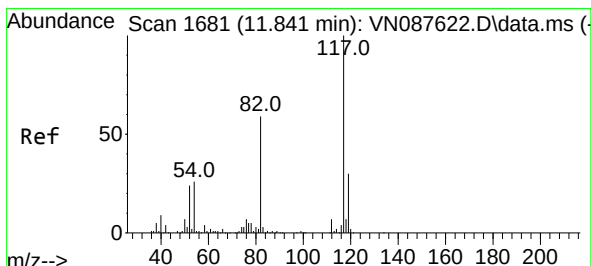
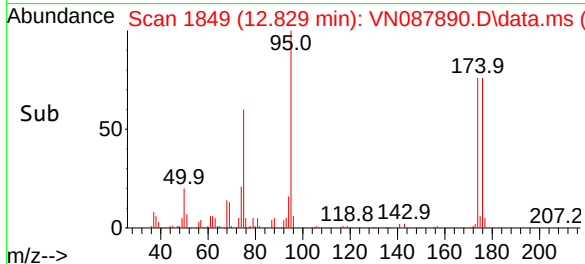
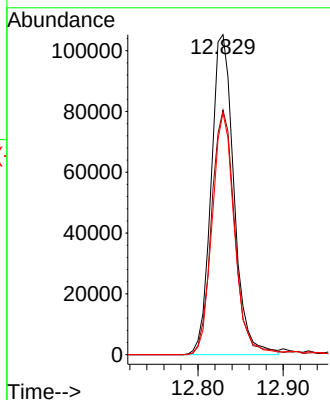
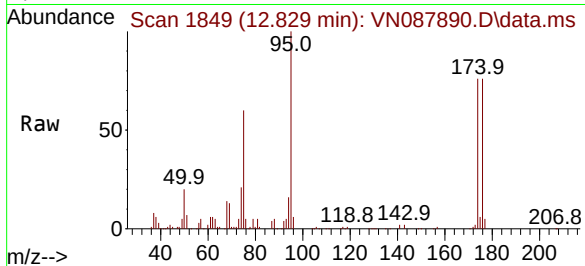




#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

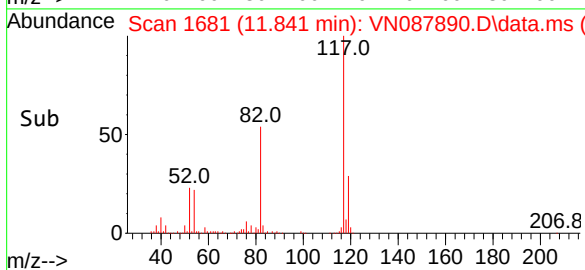
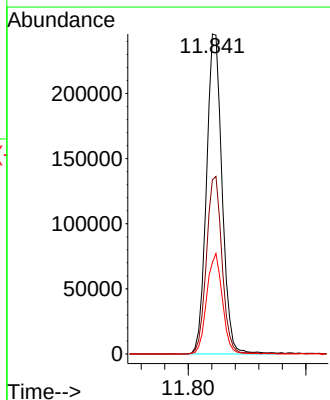
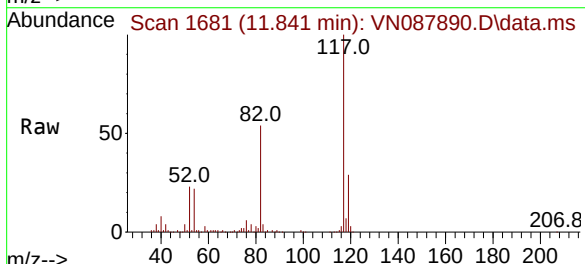
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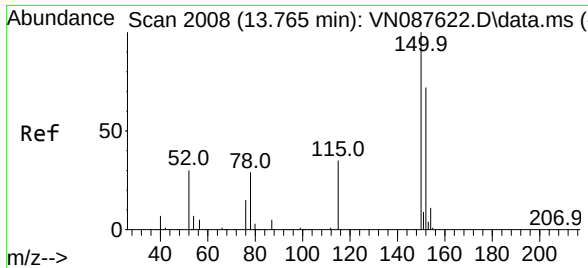
Tgt Ion: 95 Resp: 195567
Ion Ratio Lower Upper
95 100
174 77.5 0.0 138.4
176 74.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087890.D
Acq: 18 Sep 2025 12:45

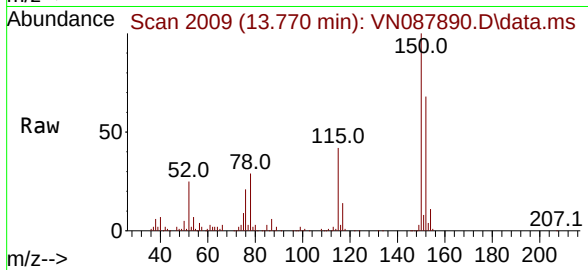
Tgt Ion: 117 Resp: 451921
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 28.6 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087890.D
 Acq: 18 Sep 2025 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169730TB



Tgt Ion:152 Resp: 206161
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 154.7 0.0 351.0

