

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087828.D
 Acq On : 15 Sep 2025 11:53
 Operator : JC\MD
 Sample : Q3082-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-29

Quant Time: Sep 16 01:33:35 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)

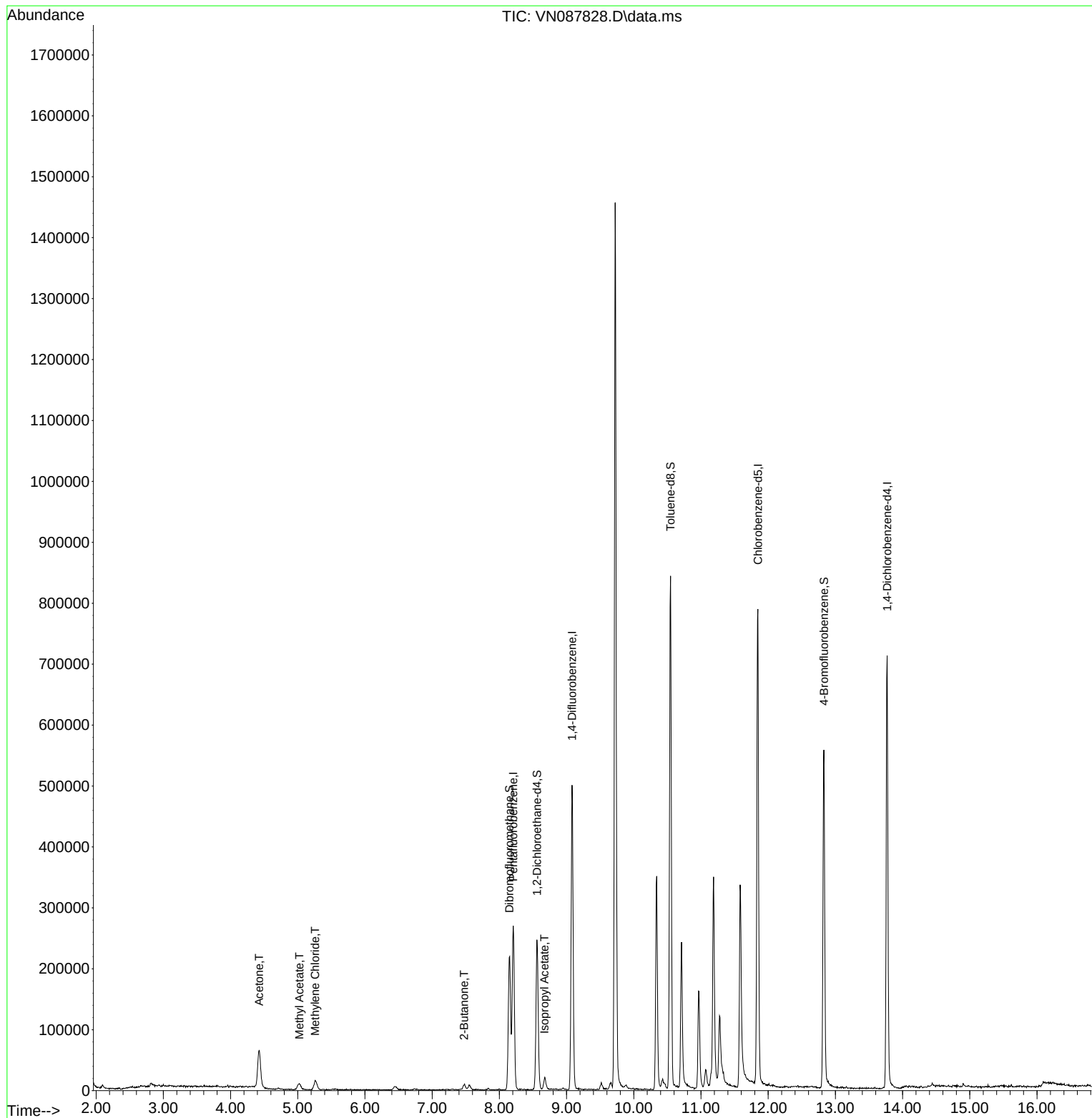
Internal Standards						
1) Pentafluorobenzene	8.206	168	185568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.082	114	413079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	431474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203203	53.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.900%	
35) Dibromofluoromethane	8.147	113	159119	53.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.700%	
50) Toluene-d8	10.547	98	561137	50.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.829	95	194254	48.933	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	124157	59.987	ug/l	98
18) Methyl Acetate	5.024	43	22025	5.082	ug/l	# 76
20) Methylene Chloride	5.259	84	11823	2.777	ug/l	# 82
25) 2-Butanone	7.477	43	14535	5.338	ug/l	98
43) Isopropyl Acetate	8.671	43	22616	2.317	ug/l	97

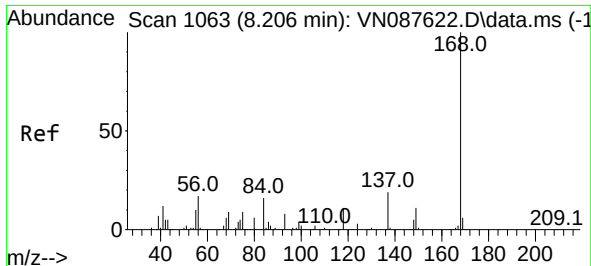
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 01:33:35 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

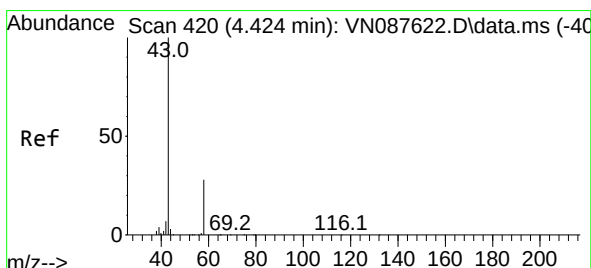
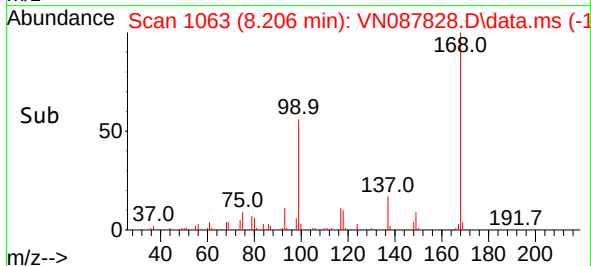
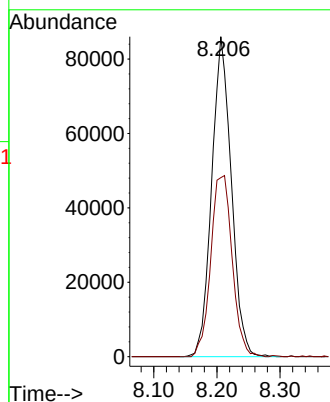
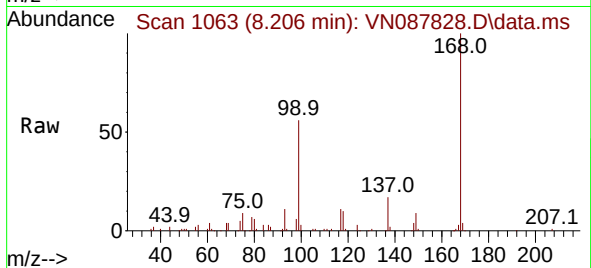




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

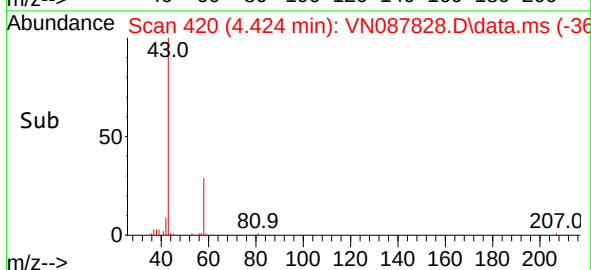
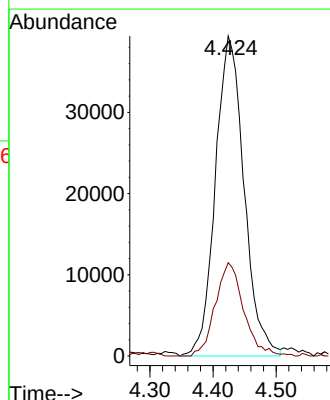
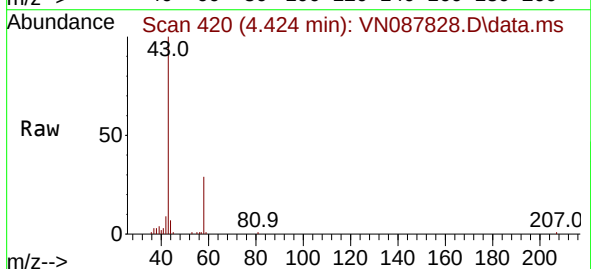
Instrument :
MSVOA_N
ClientSampleId :
WC-29

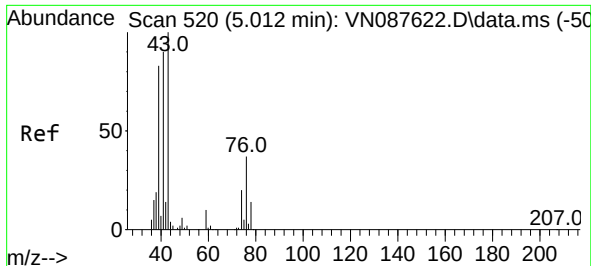
Tgt Ion:168 Resp: 185568
Ion Ratio Lower Upper
168 100
99 56.0 57.2 85.8#



#16
Acetone
Concen: 59.987 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

Tgt Ion: 43 Resp: 124157
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8

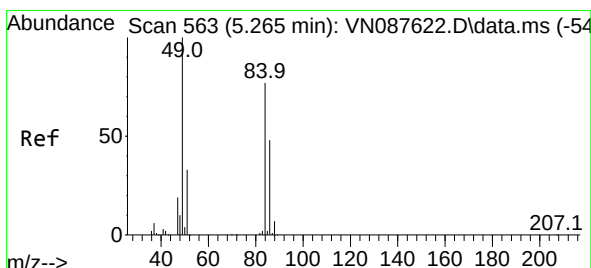
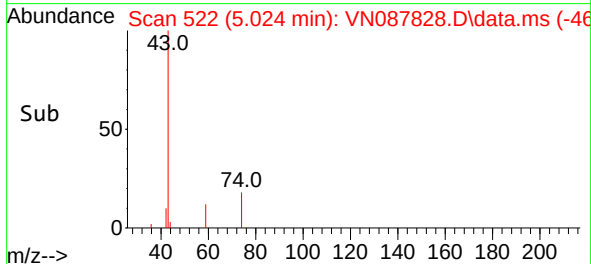
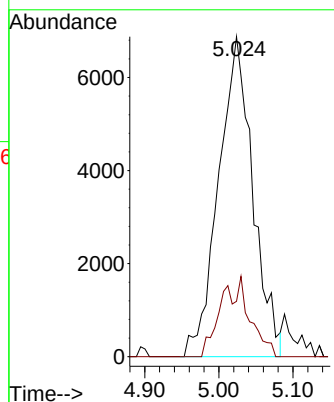
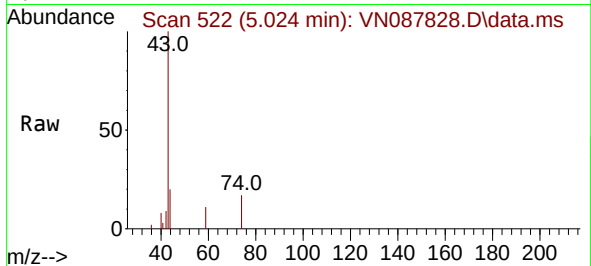




#18
Methyl Acetate
Concen: 5.082 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

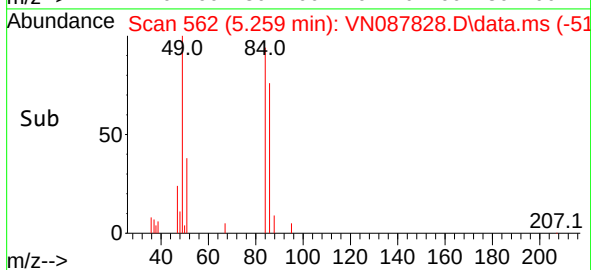
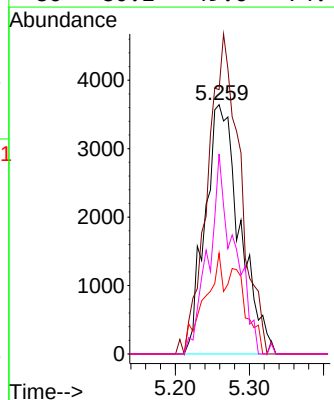
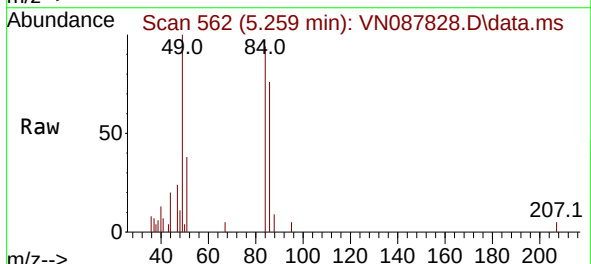
Instrument :
MSVOA_N
ClientSampleId :
WC-29

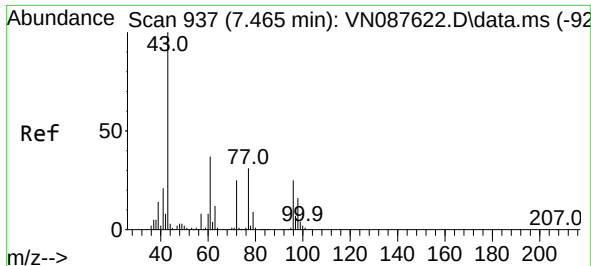
Tgt Ion: 43 Resp: 22025
Ion Ratio Lower Upper
43 100
74 10.4 17.6 26.4#



#20
Methylene Chloride
Concen: 2.777 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

Tgt Ion: 84 Resp: 11823
Ion Ratio Lower Upper
84 100
49 106.0 103.4 155.2
51 40.4 33.8 50.8
86 80.2 49.6 74.4#

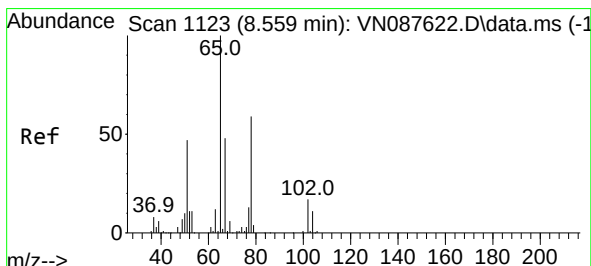
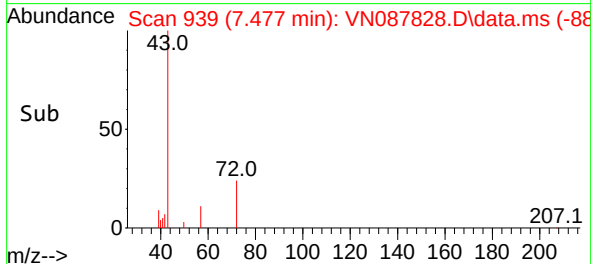
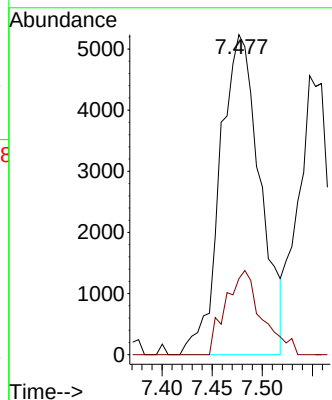
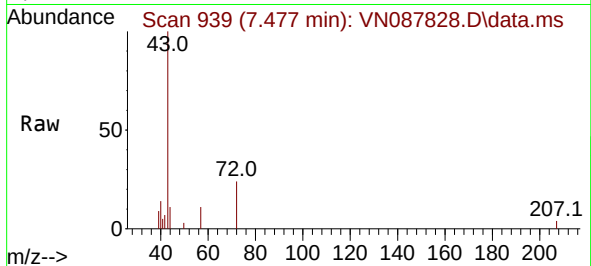




#25
2-Butanone
Concen: 5.338 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

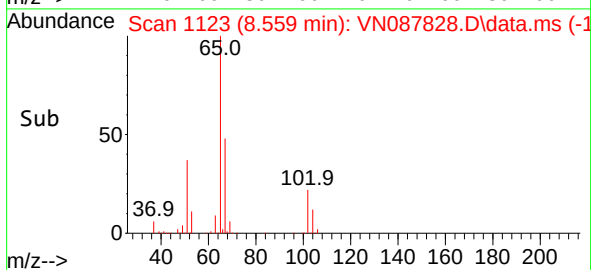
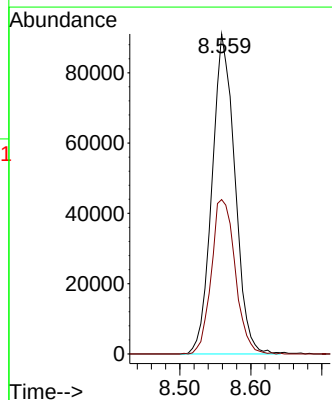
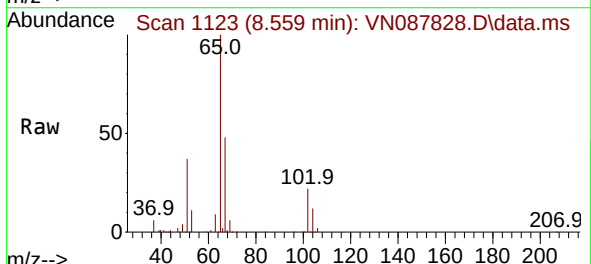
Instrument :
MSVOA_N
ClientSampleId :
WC-29

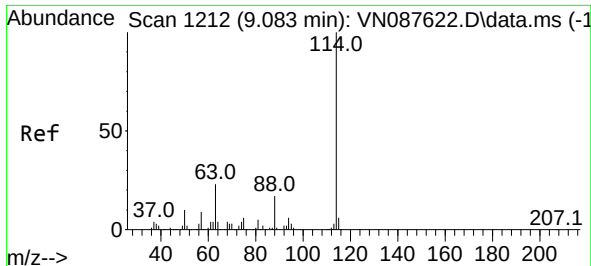
Tgt Ion: 43 Resp: 14535
Ion Ratio Lower Upper
43 100
72 23.7 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 53.445 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

Tgt Ion: 65 Resp: 203203
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087828.D

Acq: 15 Sep 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

WC-29

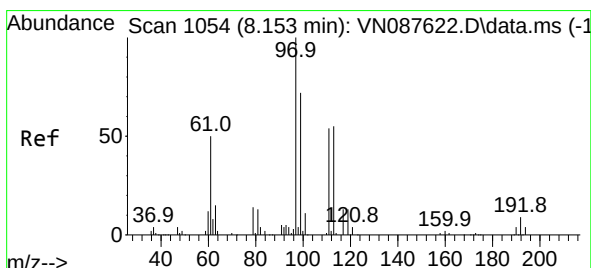
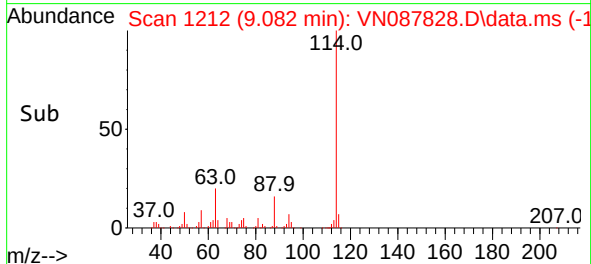
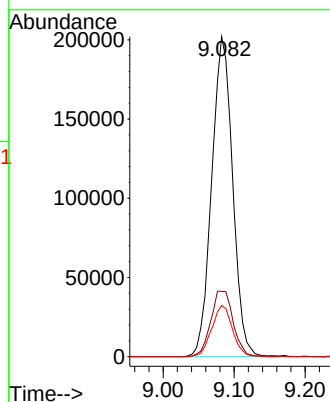
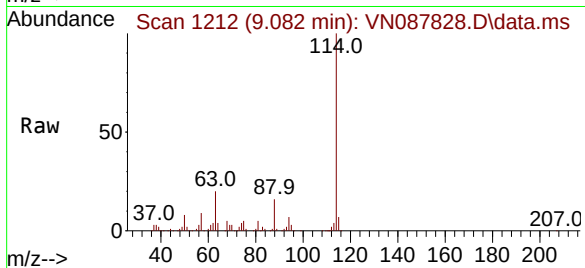
Tgt Ion:114 Resp: 413079

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.2

88 16.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.352 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087828.D

Acq: 15 Sep 2025 11:53

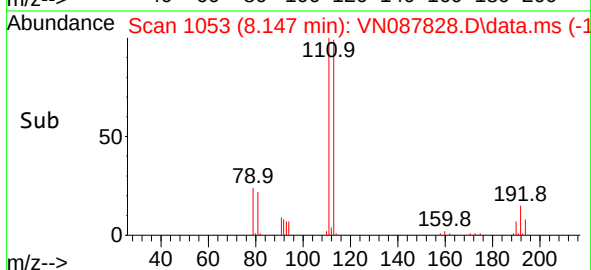
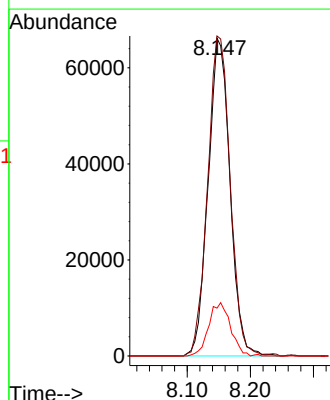
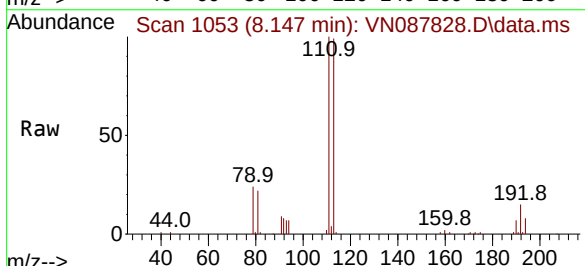
Tgt Ion:113 Resp: 159119

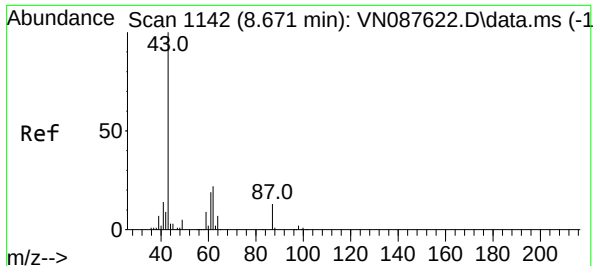
Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 16.7 12.8 19.2

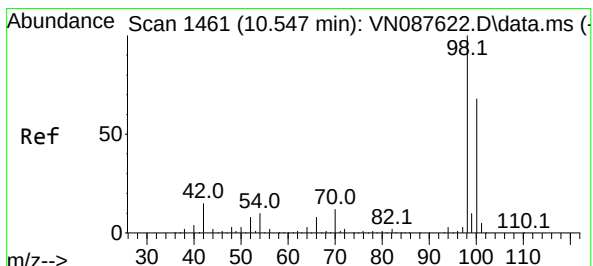
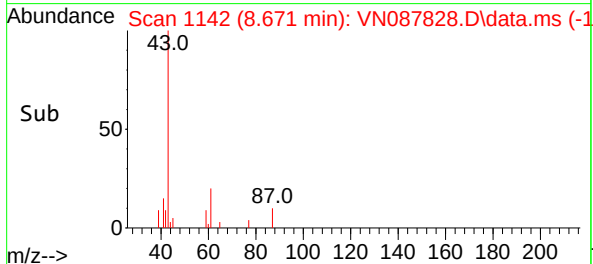
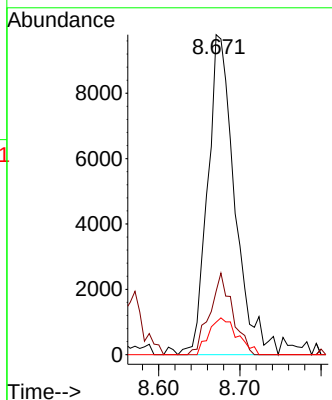
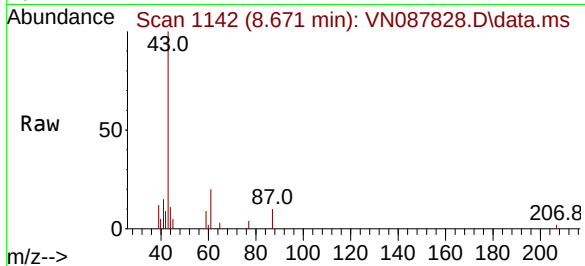




#43
Isopropyl Acetate
Concen: 2.317 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

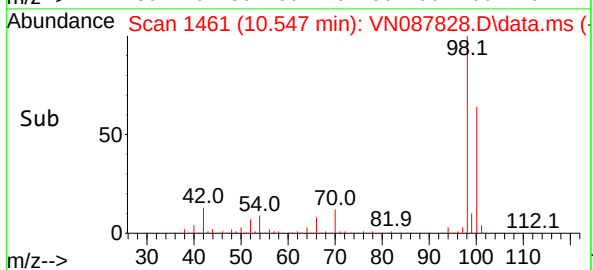
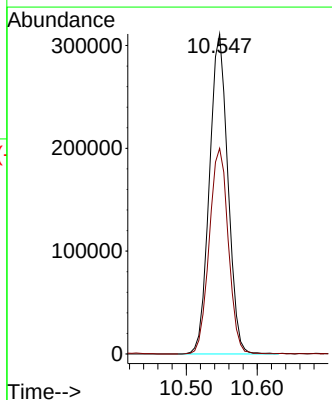
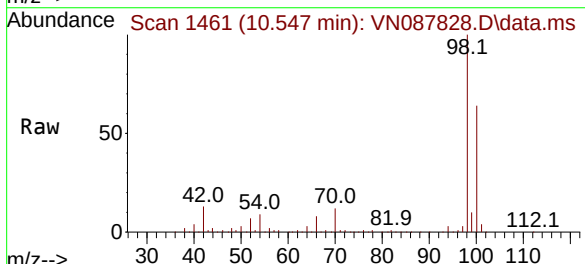
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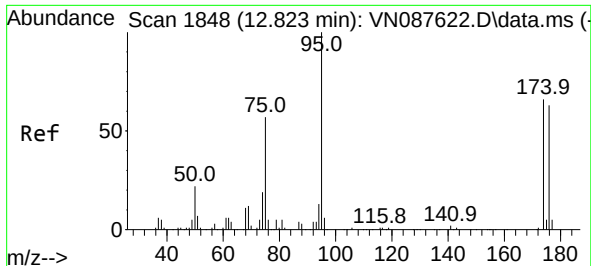
Tgt Ion:	43	Resp:	22616
Ion	Ratio	Lower	Upper
43	100		
61	21.6	18.8	28.2
87	12.1	9.6	14.4



#50
Toluene-d8
Concen: 50.269 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

Tgt Ion:	98	Resp:	561137
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2

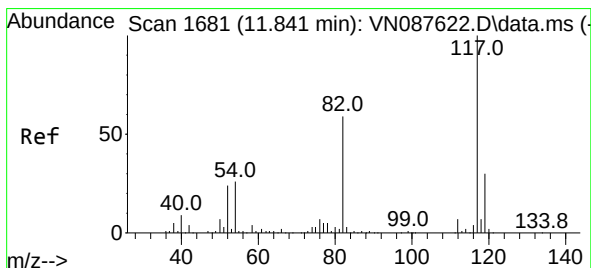
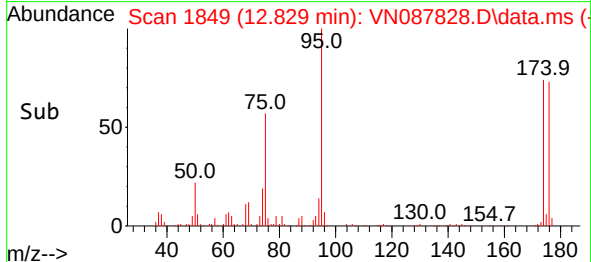
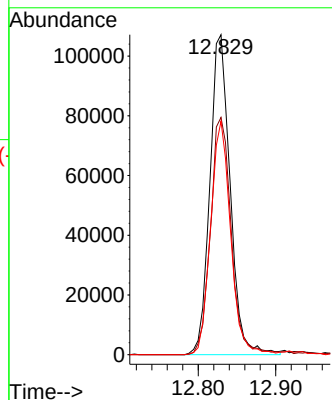
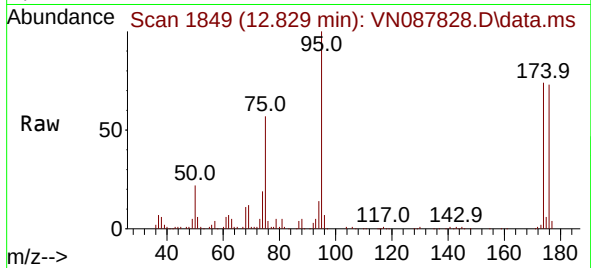




#62
4-Bromofluorobenzene
Concen: 48.933 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

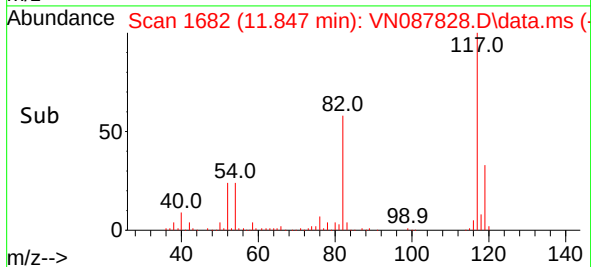
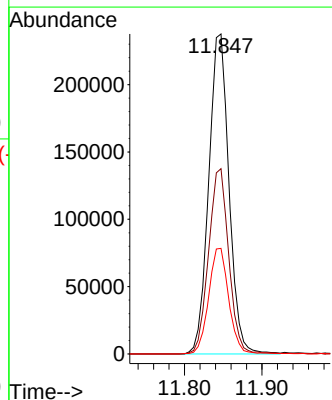
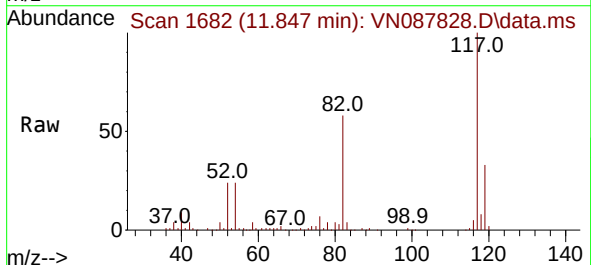
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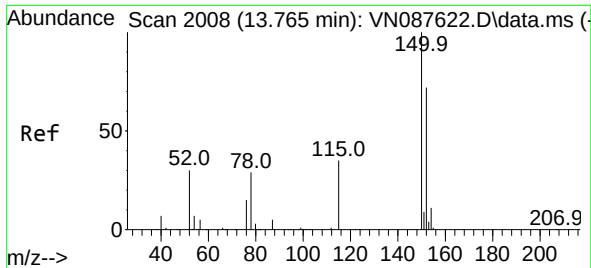
Tgt Ion: 95 Resp: 194254
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 72.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087828.D
Acq: 15 Sep 2025 11:53

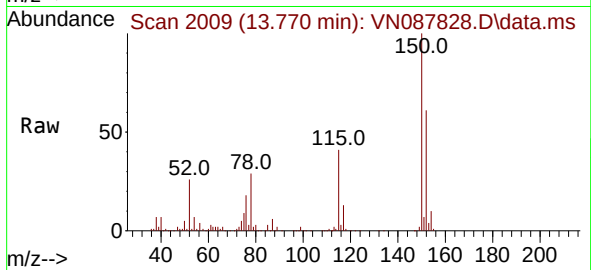
Tgt Ion: 117 Resp: 431474
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 33.0 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087828.D
 Acq: 15 Sep 2025 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-29



Tgt Ion:152 Resp: 188553
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 164.0 0.0 351.0

