

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087515.D
 Acq On : 12 Aug 2025 15:29
 Operator : JC\MD
 Sample : Q2816-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1059-MW-17A(15.5)

Quant Time: Aug 13 03:06:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

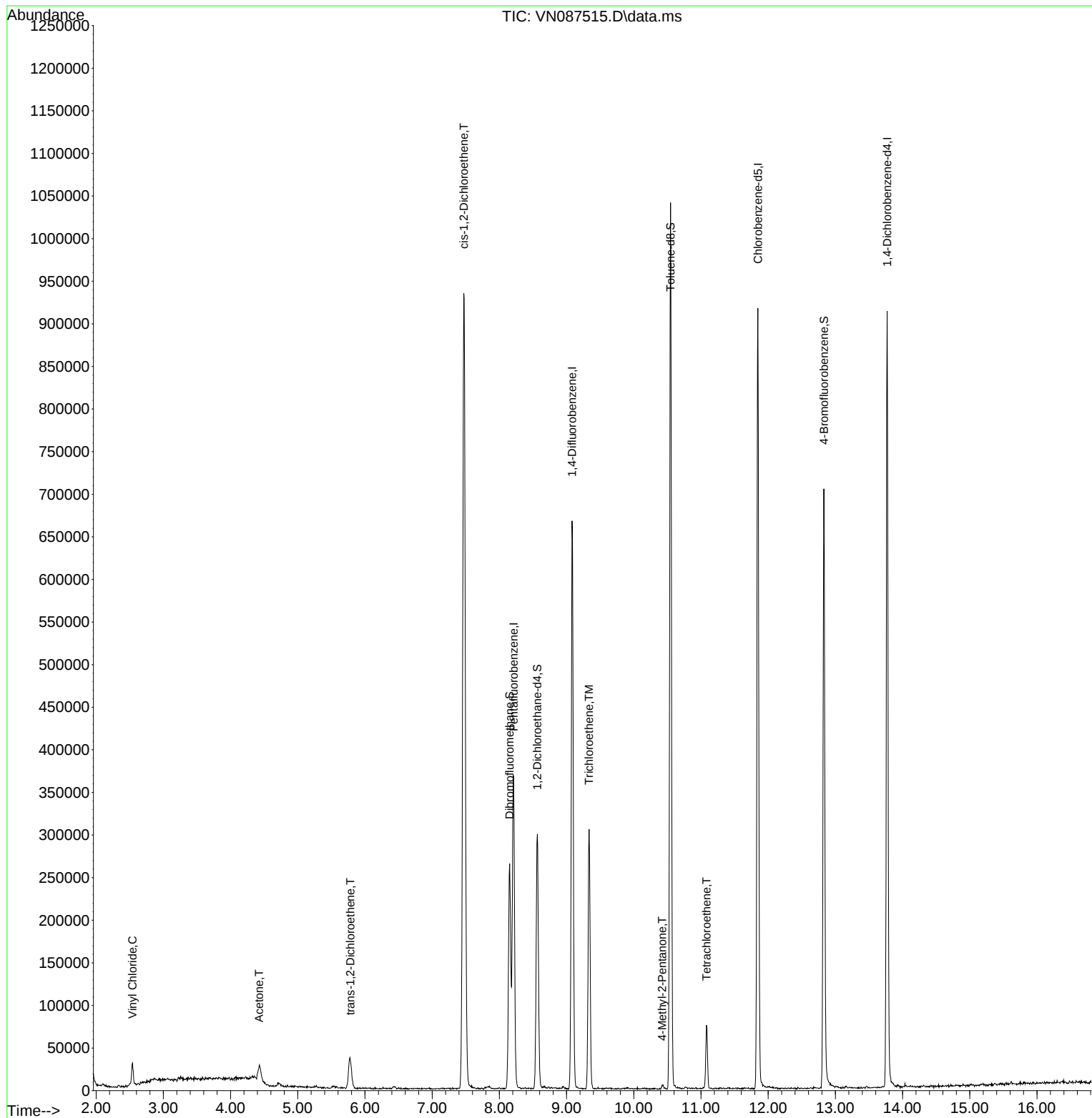
Internal Standards						
1) Pentafluorobenzene	8.212	168	245518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.083	114	544156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	499181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	255388	61.304	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.600%		
35) Dibromofluoromethane	8.153	113	188310	50.168	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.340%		
50) Toluene-d8	10.547	98	680121	50.795	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.600%		
62) 4-Bromofluorobenzene	12.829	95	251013	50.743	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.480%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.542	62	22708	6.968	ug/l	98
16) Acetone	4.424	43	29045	14.870	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	23476	7.427	ug/l	86
27) cis-1,2-Dichloroethene	7.471	96	541413	148.782	ug/l	94
44) Trichloroethene	9.335	130	100249	26.470	ug/l	94
51) 4-Methyl-2-Pentanone	10.424	43	3598	0.512	ug/l #	76
64) Tetrachloroethene	11.082	164	16057	4.998	ug/l	90

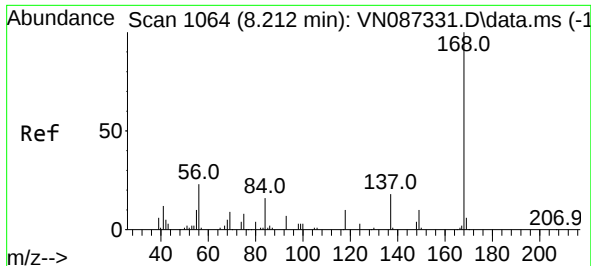
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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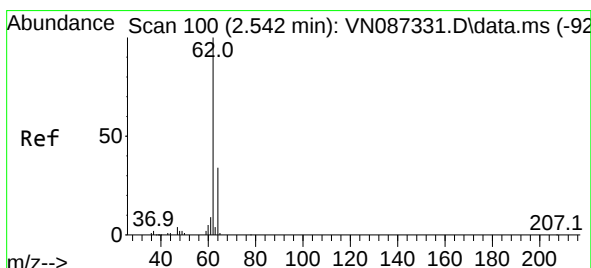
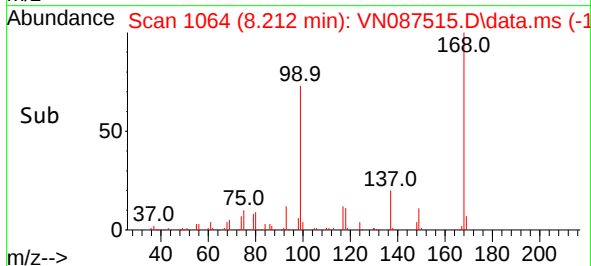
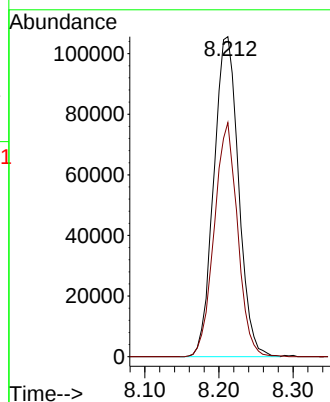
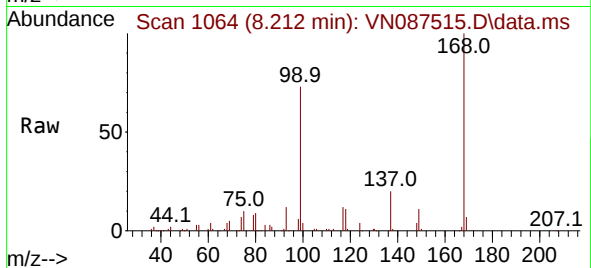




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

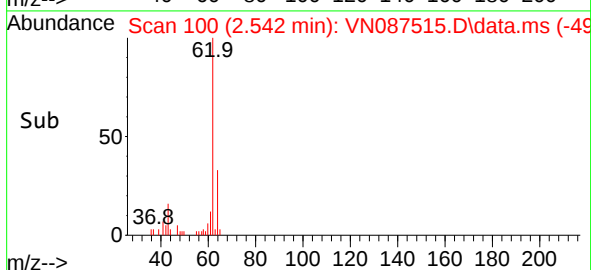
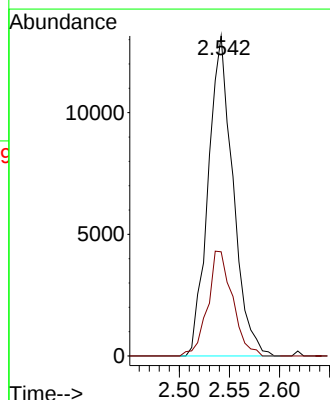
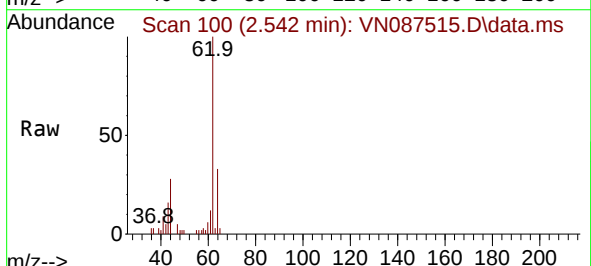
Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

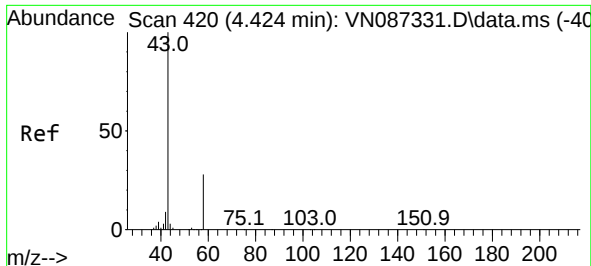
Tgt Ion:168 Resp: 245518
Ion Ratio Lower Upper
168 100
99 73.1 47.9 71.9#



#4
Vinyl Chloride
Concen: 6.968 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 62 Resp: 22708
Ion Ratio Lower Upper
62 100
64 32.5 27.0 40.6

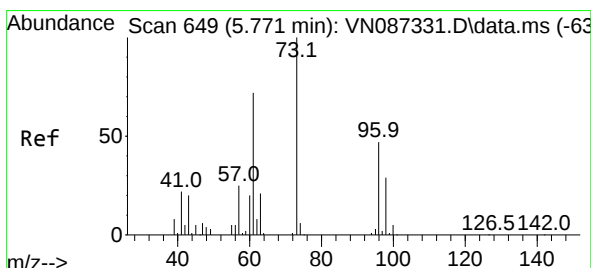
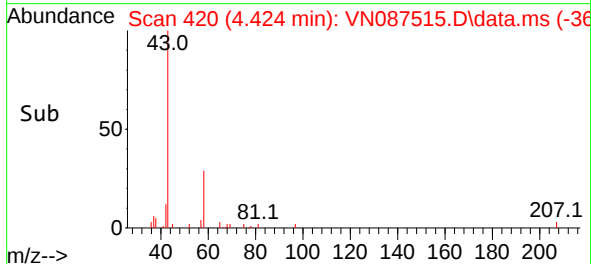
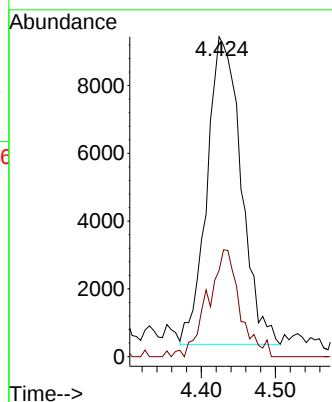
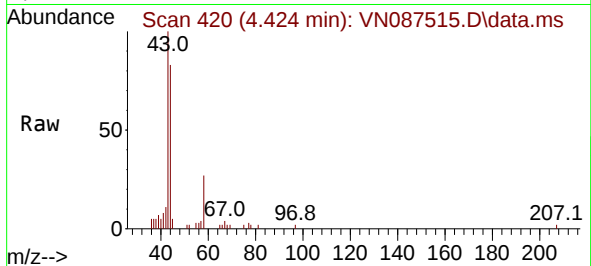




#16
Acetone
Concen: 14.870 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

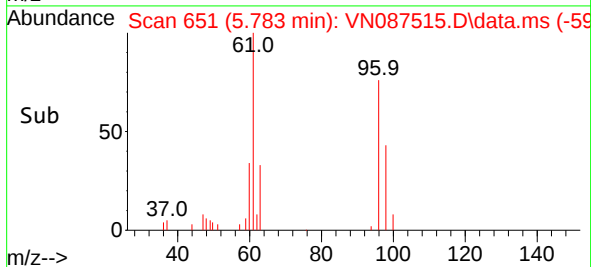
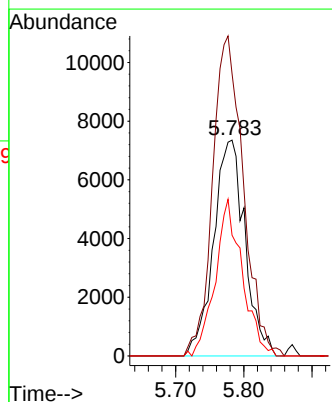
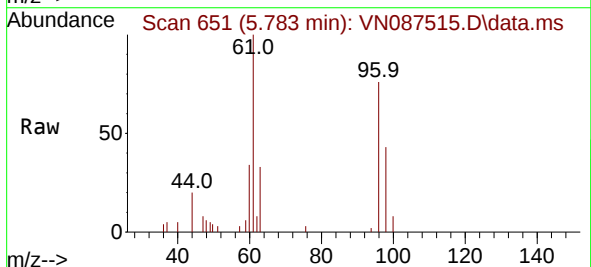
Instrument :
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1059-MW-17A(15.5)

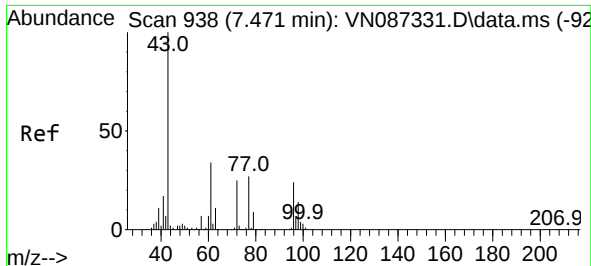
Tgt Ion: 43 Resp: 29045
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5



#21
trans-1,2-Dichloroethene
Concen: 7.427 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 96 Resp: 23476
Ion Ratio Lower Upper
96 100
61 130.9 122.0 183.0
98 56.0 50.0 75.0

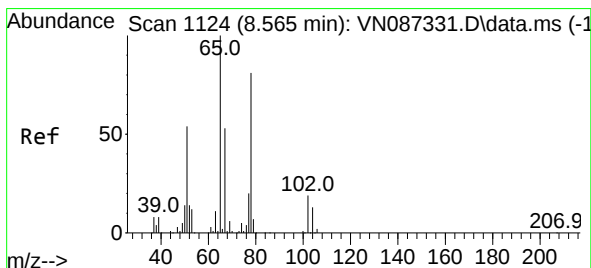
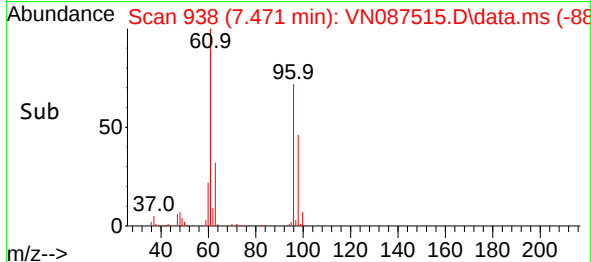
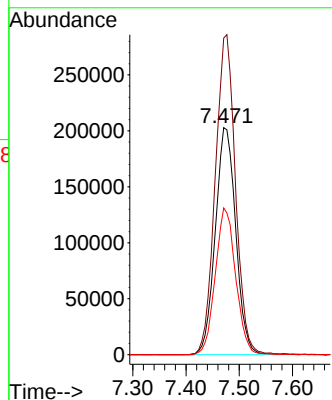
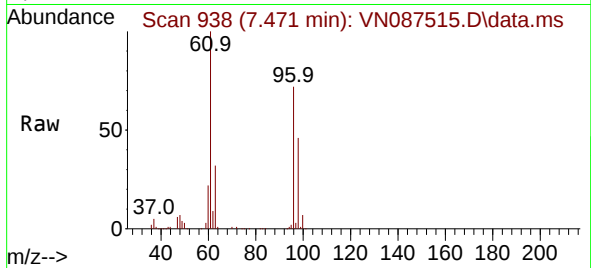




#27
 cis-1,2-Dichloroethene
 Concen: 148.782 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087515.D
 Acq: 12 Aug 2025 15:29

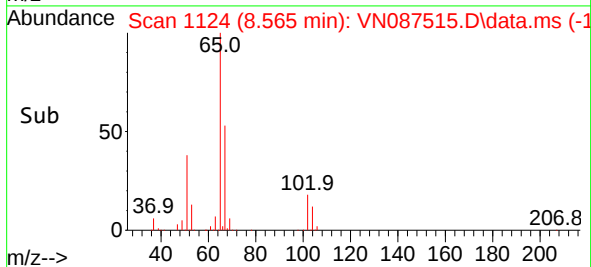
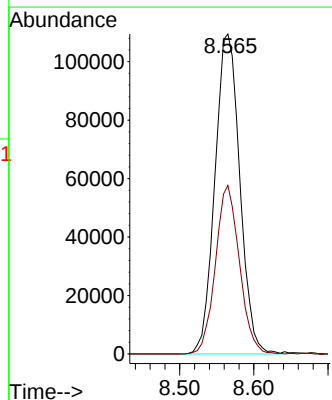
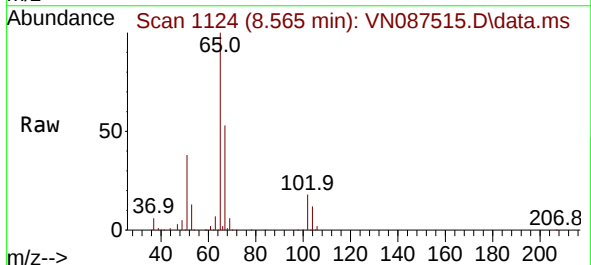
Instrument :
 MSVOA_N
 ClientSampleId :
 1059-MW-17A(15.5)

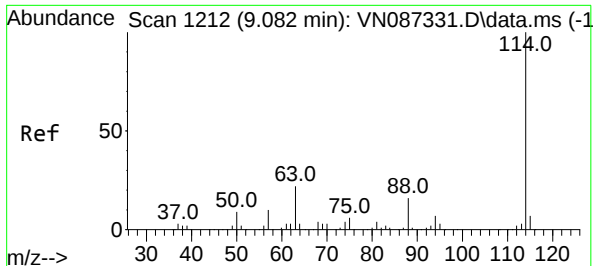
Tgt Ion: 96 Resp: 541413
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 297.8
 98 64.3 0.0 132.4



#33
 1,2-Dichloroethane-d4
 Concen: 61.304 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087515.D
 Acq: 12 Aug 2025 15:29

Tgt Ion: 65 Resp: 255388
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN087515.D

Acq: 12 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

1059-MW-17A(15.5)

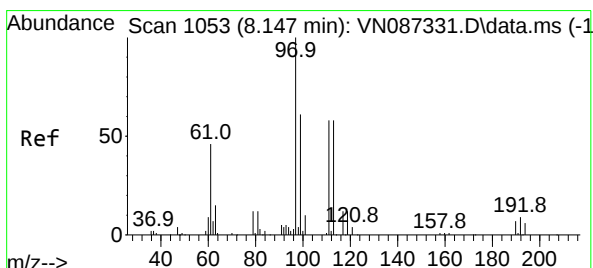
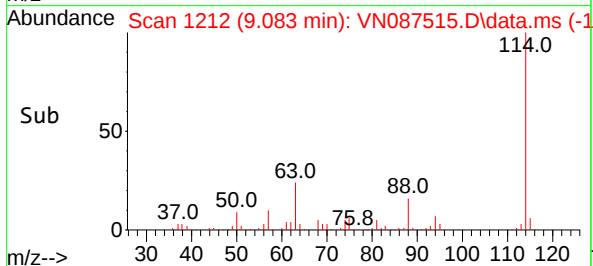
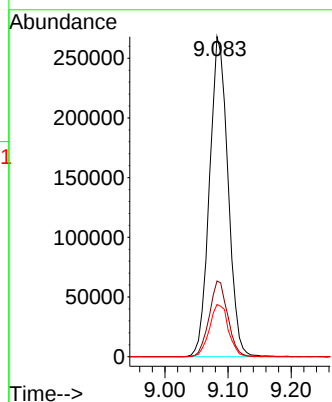
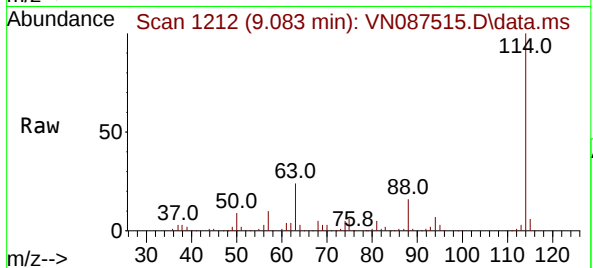
Tgt Ion:114 Resp: 544156

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.168 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087515.D

Acq: 12 Aug 2025 15:29

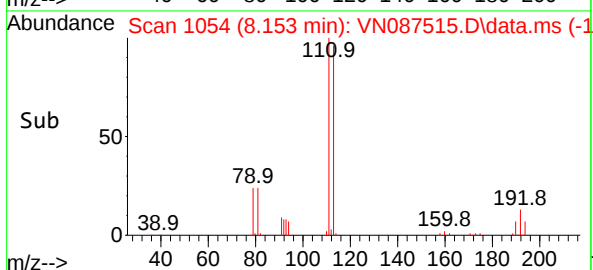
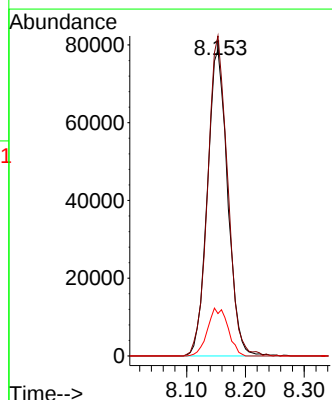
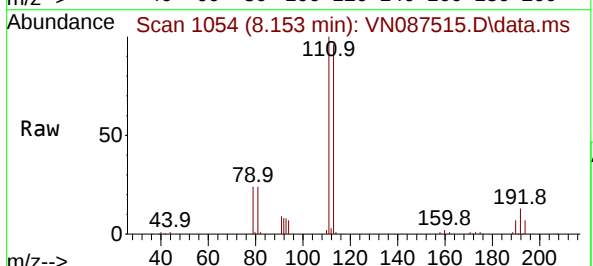
Tgt Ion:113 Resp: 188310

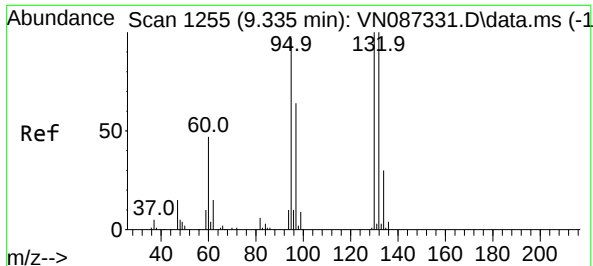
Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 15.9 13.7 20.5

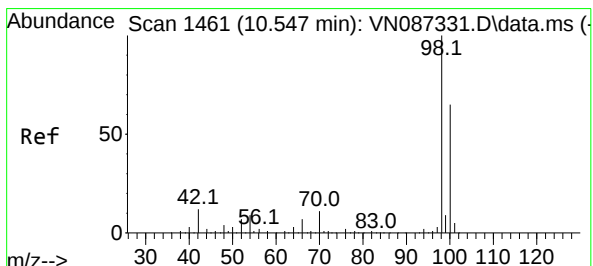
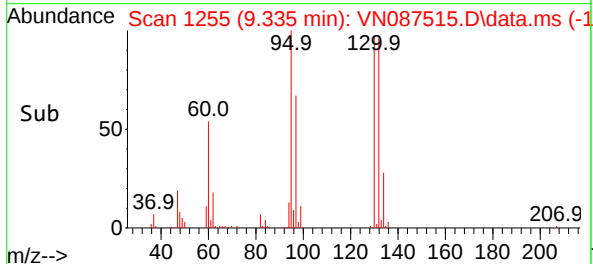
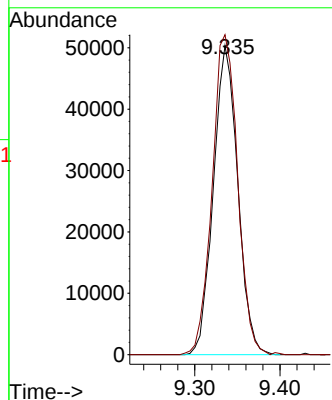
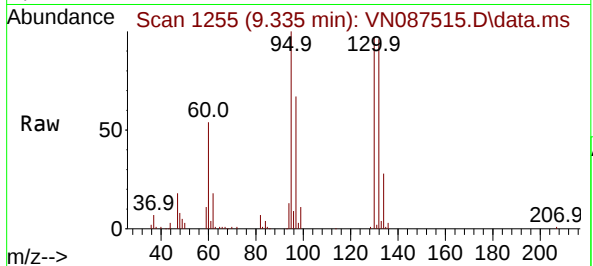




#44
Trichloroethene
Concen: 26.470 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

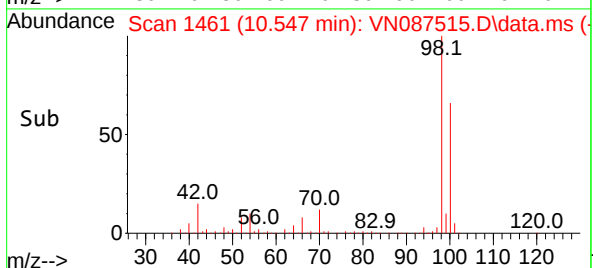
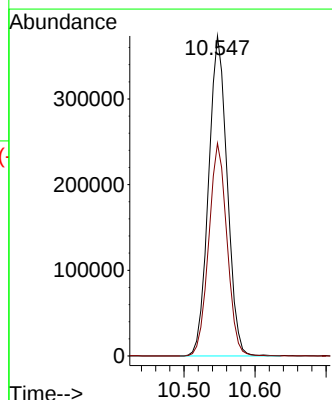
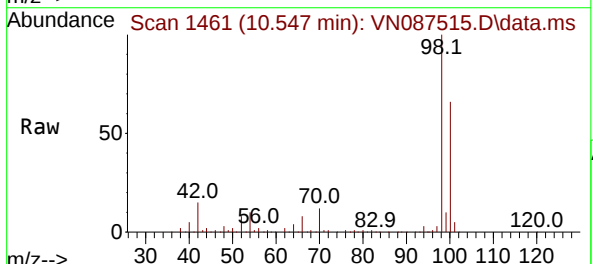
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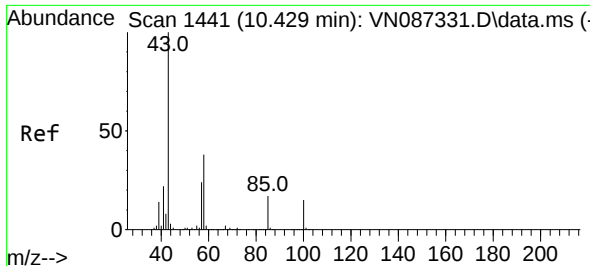
Tgt Ion:130 Resp: 100249
Ion Ratio Lower Upper
130 100
95 103.6 0.0 195.2



#50
Toluene-d8
Concen: 50.795 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 98 Resp: 680121
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

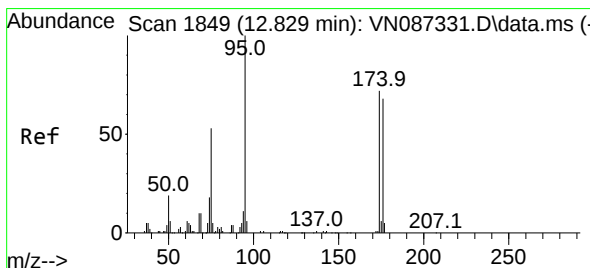
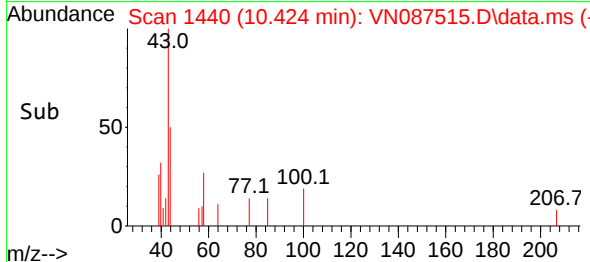
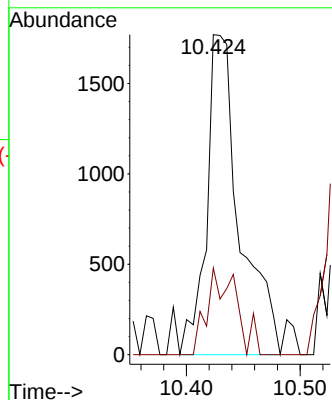
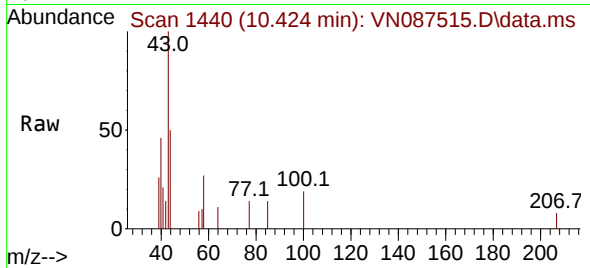




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

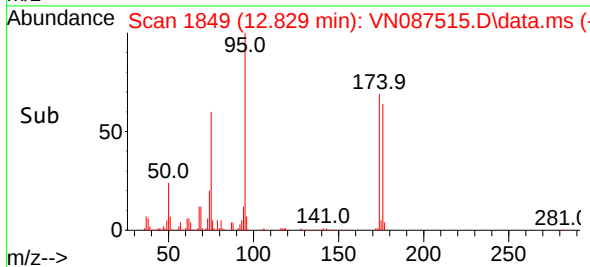
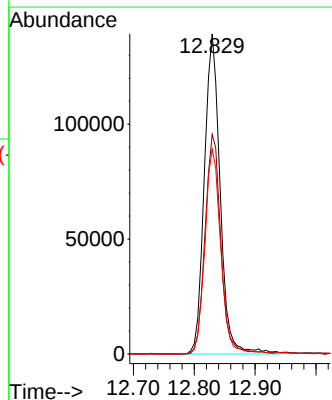
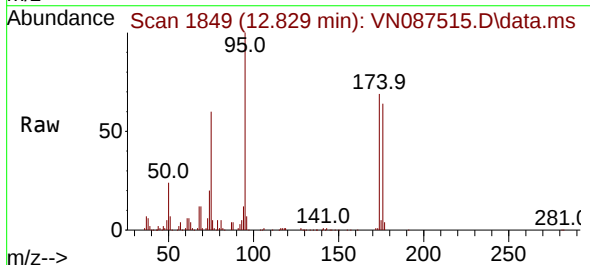
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1059-MW-17A(15.5)

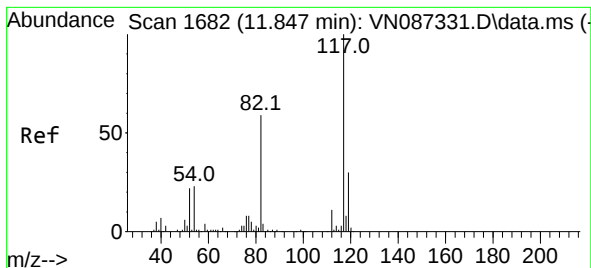
Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 24.0 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 95 Resp: 251013
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.4
176 64.6 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087515.D

Acq: 12 Aug 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

1059-MW-17A(15.5)

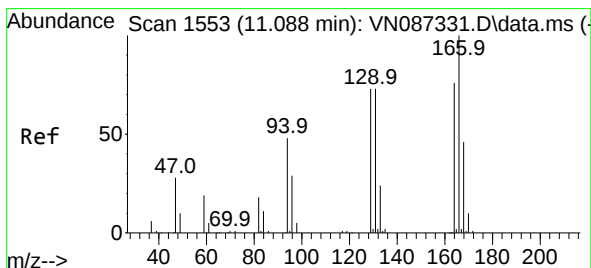
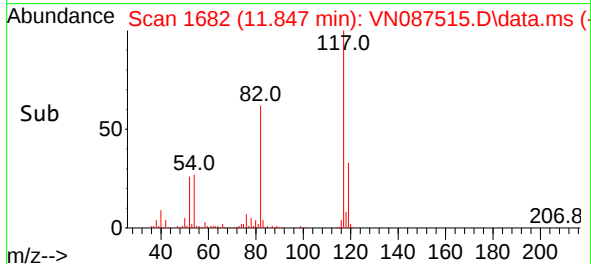
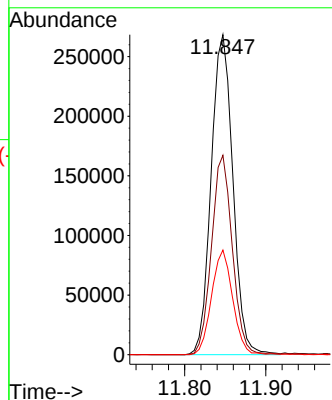
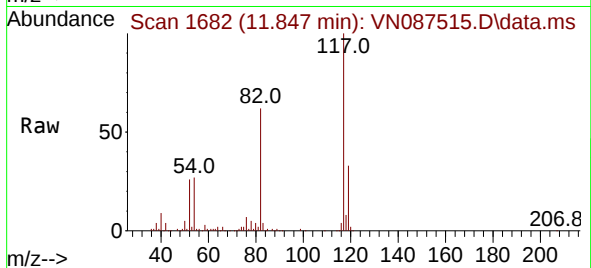
Tgt Ion:117 Resp: 499181

Ion Ratio Lower Upper

117 100

82 62.3 47.4 71.2

119 32.7 23.8 35.8



#64

Tetrachloroethene

Concen: 4.998 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087515.D

Acq: 12 Aug 2025 15:29

Tgt Ion:164 Resp: 16057

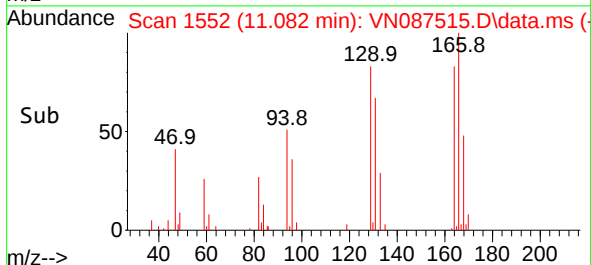
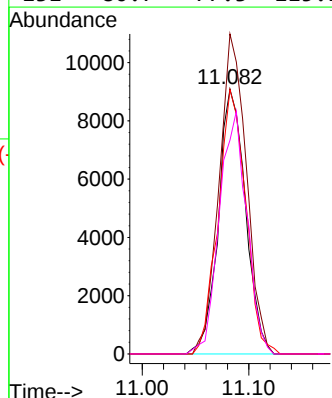
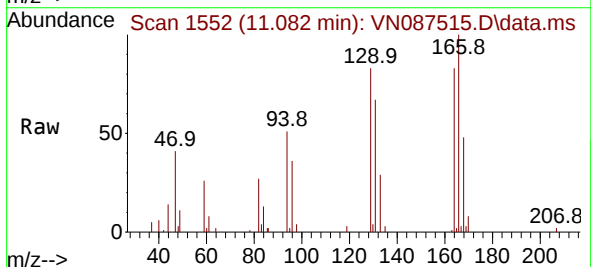
Ion Ratio Lower Upper

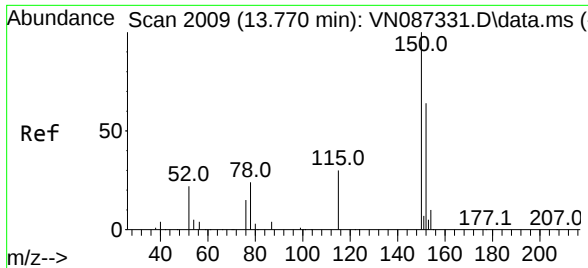
164 100

166 120.8 105.5 158.3

129 99.8 77.4 116.2

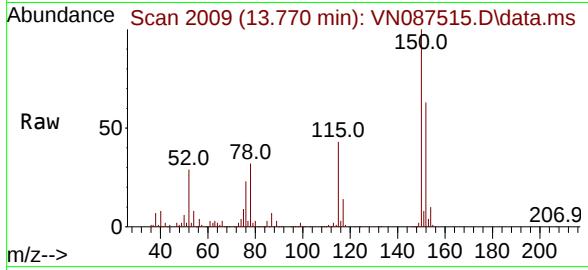
131 80.7 77.3 115.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)



Tgt Ion:	152	Resp:	232946
Ion	Ratio	Lower	Upper
152	100		
115	65.6	31.1	93.5
150	157.5	0.0	349.0

