

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087512.D
 Acq On : 12 Aug 2025 14:24
 Operator : JC\MD
 Sample : Q2816-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1055-MW-01(23)

Quant Time: Aug 13 03:04:51 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)

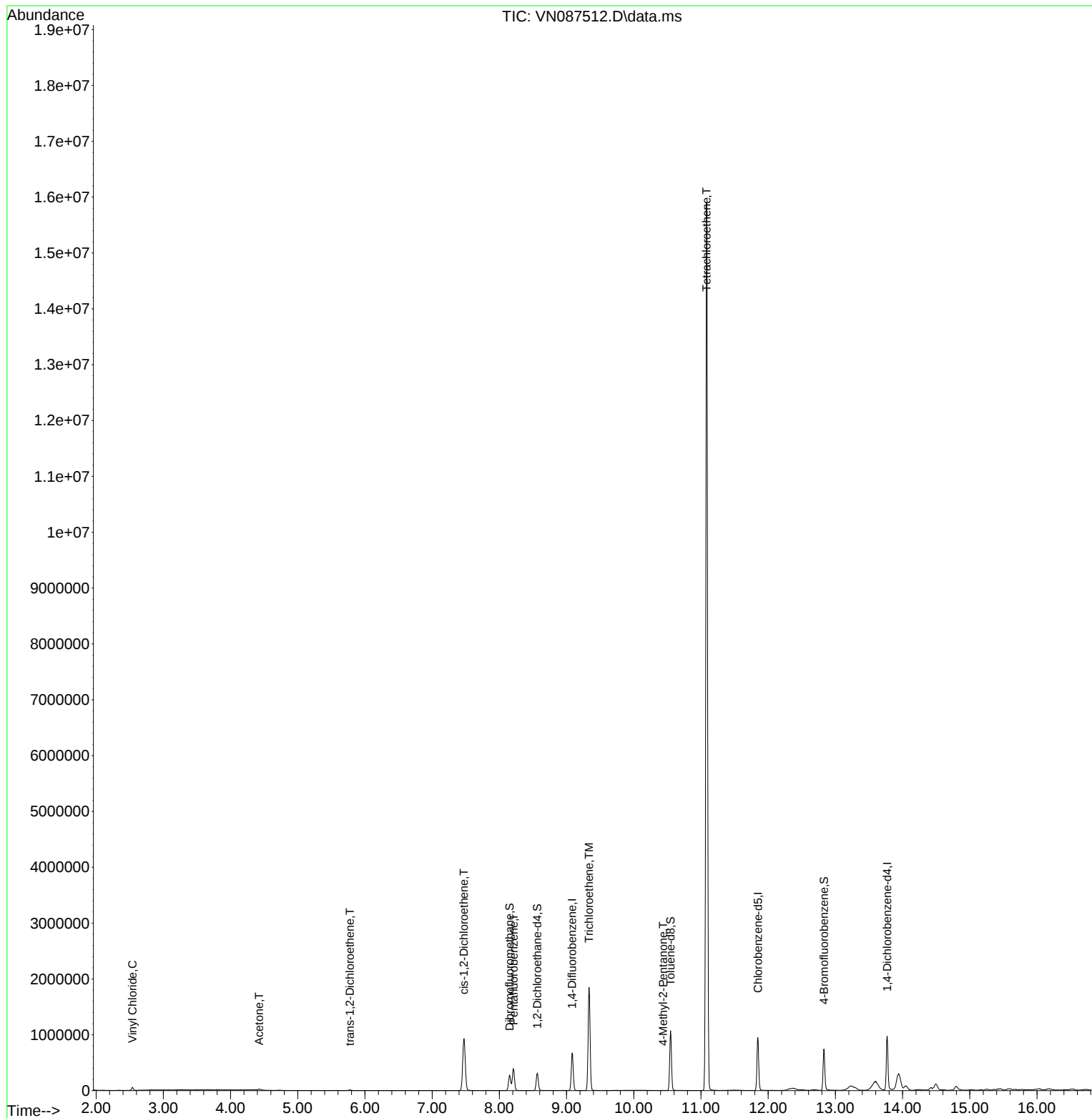
Internal Standards						
1) Pentafluorobenzene	8.212	168	256280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	555349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	509191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	258727	59.498	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 119.000%		
35) Dibromofluoromethane	8.153	113	188525	49.213	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.420%		
50) Toluene-d8	10.547	98	710694	52.009	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.020%		
62) 4-Bromofluorobenzene	12.829	95	265076	52.506	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.020%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.542	62	45371	13.338	ug/l	98
16) Acetone	4.424	43	27475	13.475	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	7205	2.184	ug/l #	75
27) cis-1,2-Dichloroethene	7.471	96	541229	142.486	ug/l	93
44) Trichloroethene	9.335	130	613549	158.741	ug/l	90
51) 4-Methyl-2-Pentanone	10.435	43	3474	0.484	ug/l #	74
64) Tetrachloroethene	11.082	164	3301374	1007.382	ug/l	95

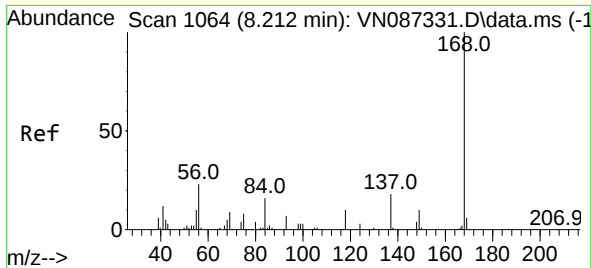
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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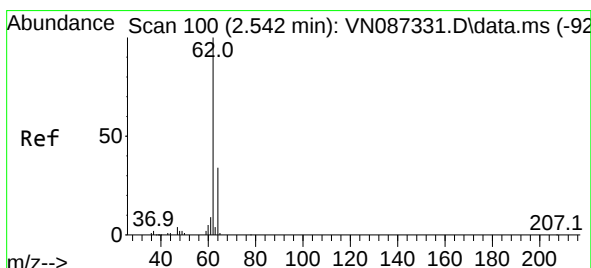
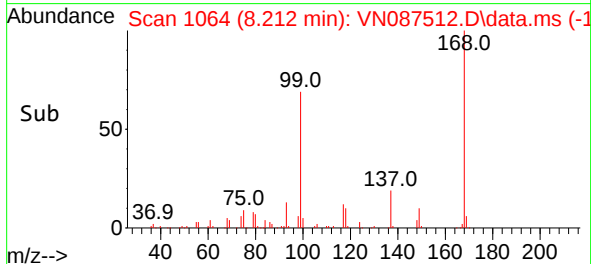
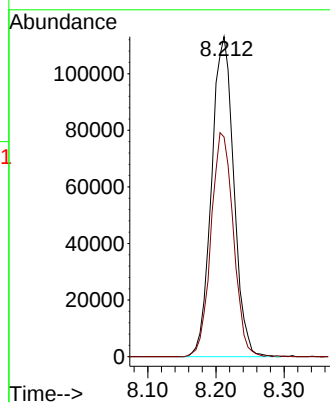
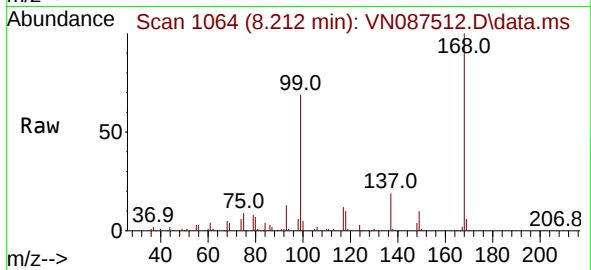




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

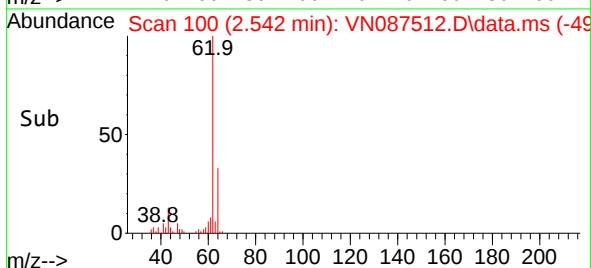
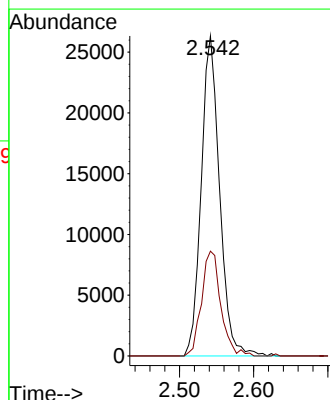
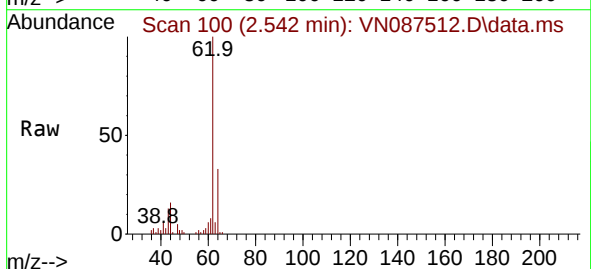
Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

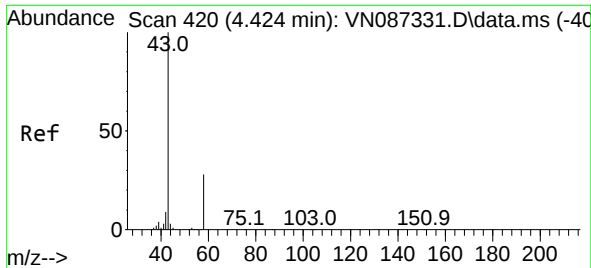
Tgt Ion:168 Resp: 256280
Ion Ratio Lower Upper
168 100
99 68.6 47.9 71.9



#4
Vinyl Chloride
Concen: 13.338 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 62 Resp: 45371
Ion Ratio Lower Upper
62 100
64 32.7 27.0 40.6





#16

Acetone

Concen: 13.475 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN087512.D

Acq: 12 Aug 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

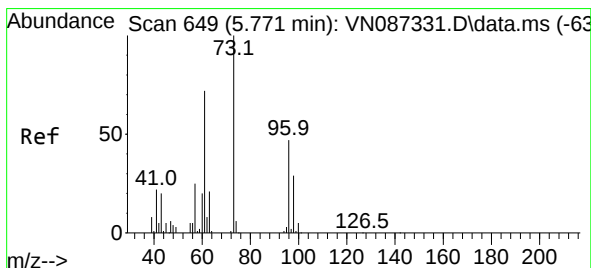
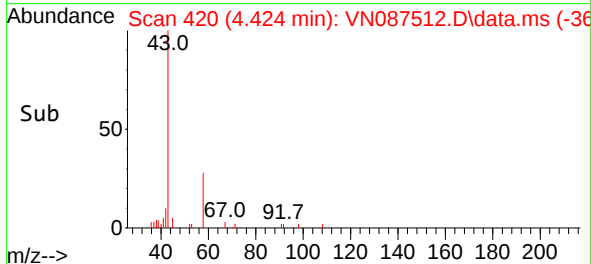
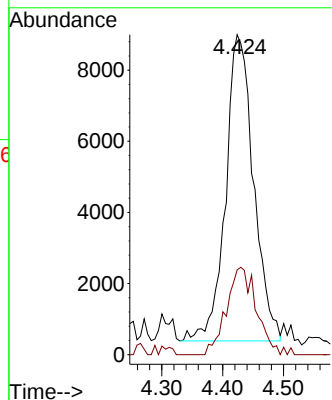
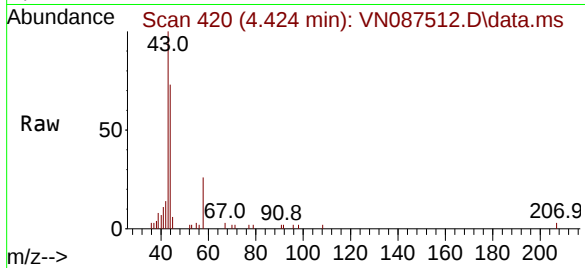
1055-MW-01(23)

Tgt Ion: 43 Resp: 27475

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



#21

trans-1,2-Dichloroethene

Concen: 2.184 ug/l

RT: 5.777 min Scan# 650

Delta R.T. 0.006 min

Lab File: VN087512.D

Acq: 12 Aug 2025 14:24

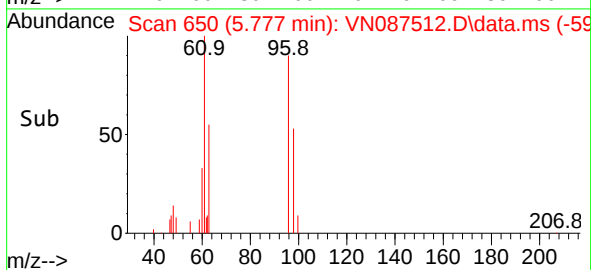
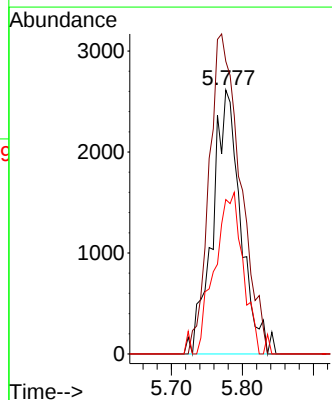
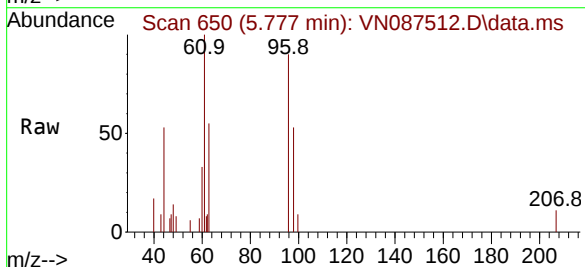
Tgt Ion: 96 Resp: 7205

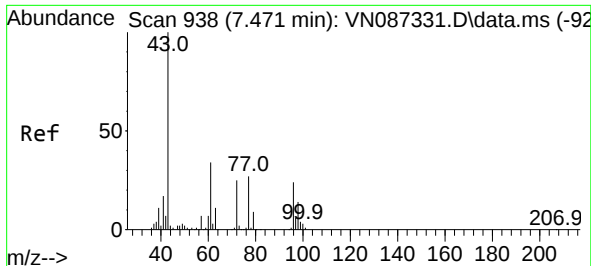
Ion Ratio Lower Upper

96 100

61 110.8 122.0 183.0#

98 58.5 50.0 75.0

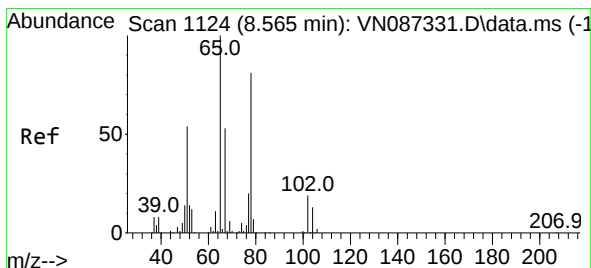
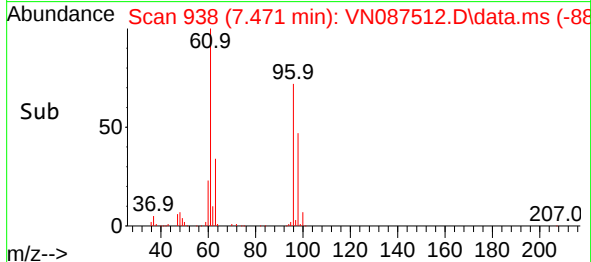
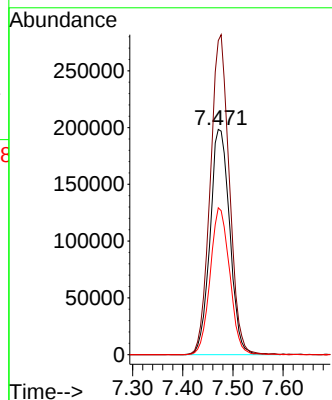
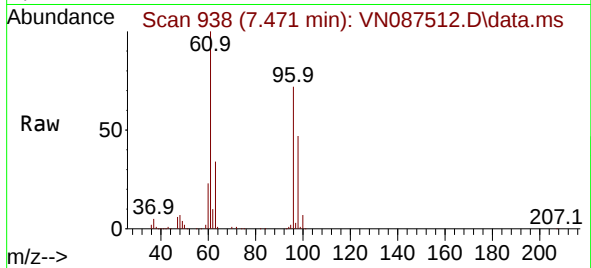




#27
 cis-1,2-Dichloroethene
 Concen: 142.486 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087512.D
 Acq: 12 Aug 2025 14:24

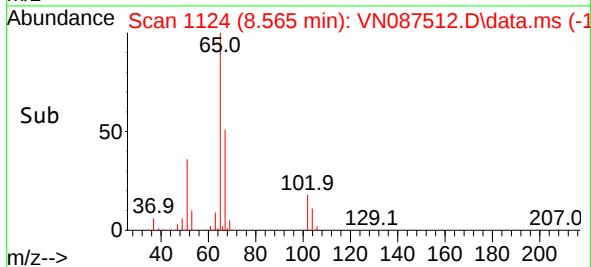
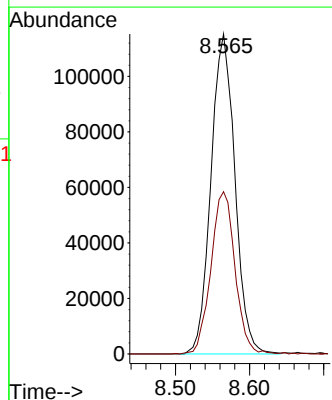
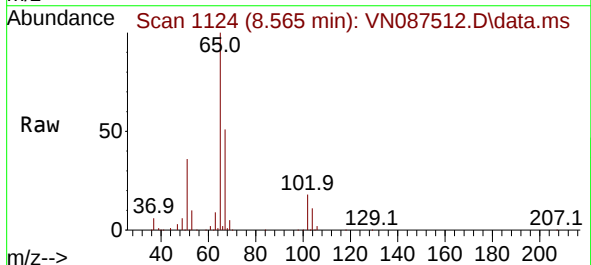
Instrument :
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 1055-MW-01(23)

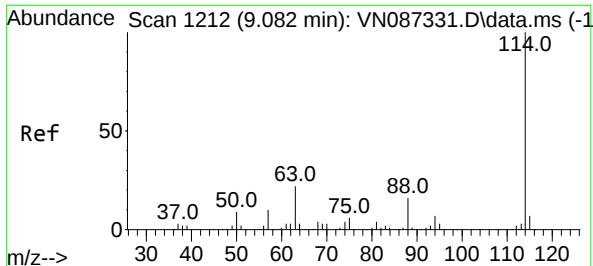
Tgt Ion: 96 Resp: 541229
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 297.8
 98 64.3 0.0 132.4



#33
 1,2-Dichloroethane-d4
 Concen: 59.498 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087512.D
 Acq: 12 Aug 2025 14:24

Tgt Ion: 65 Resp: 258727
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0

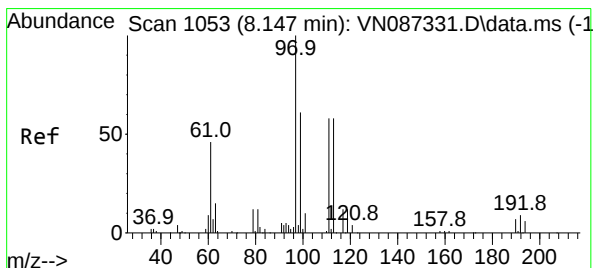
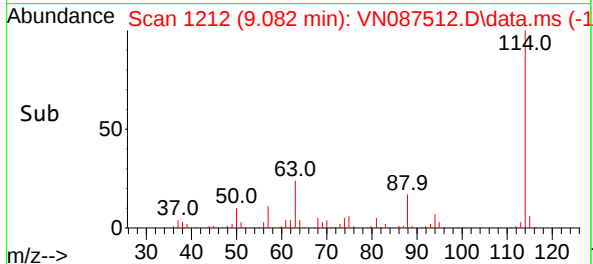
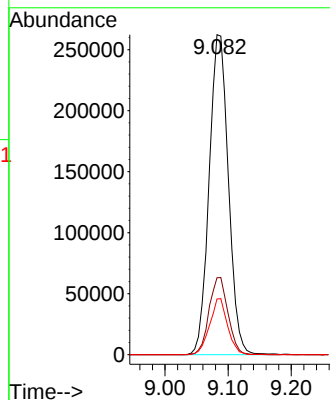
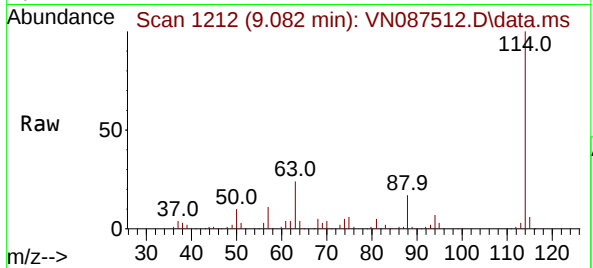




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

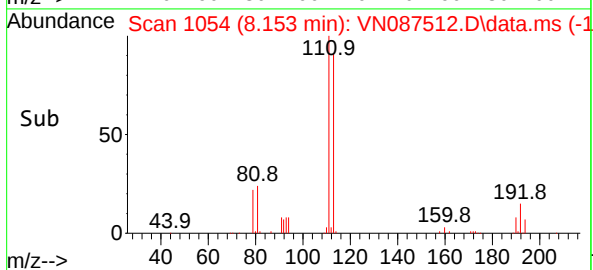
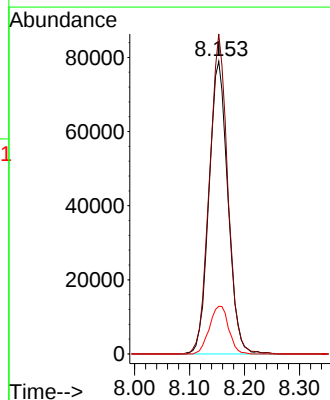
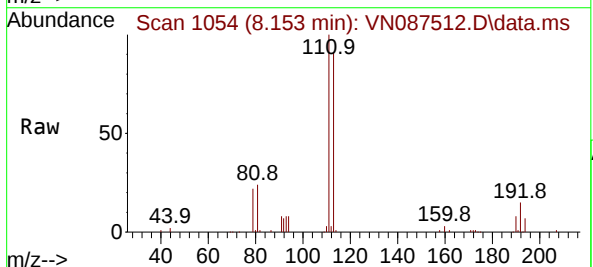
Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

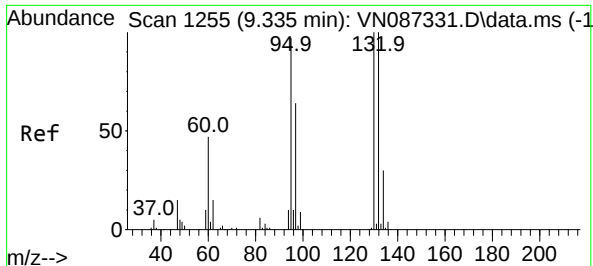
Tgt Ion:114 Resp: 555349
Ion Ratio Lower Upper
114 100
63 24.1 0.0 44.6
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion:113 Resp: 188525
Ion Ratio Lower Upper
113 100
111 106.0 82.5 123.7
192 16.6 13.7 20.5

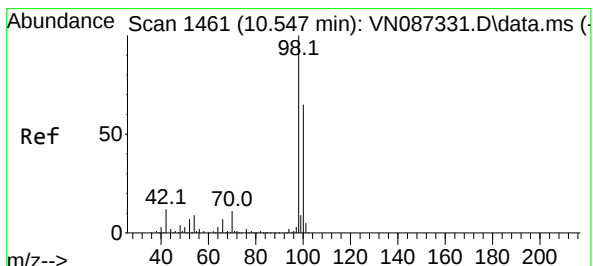
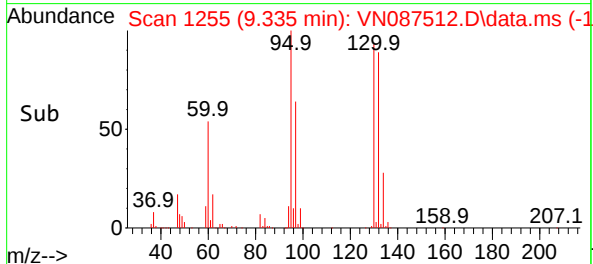
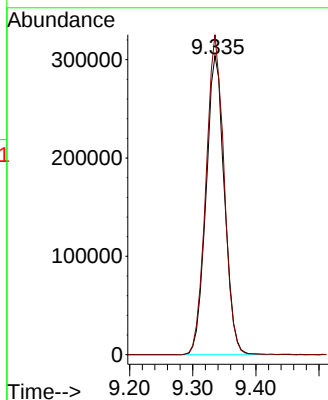
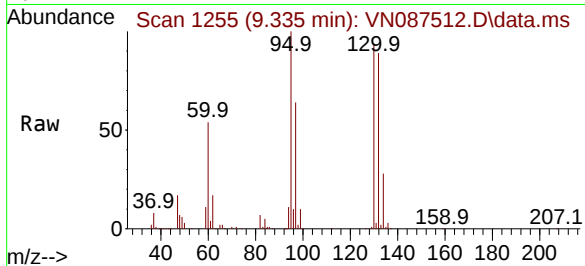




#44
Trichloroethene
Concen: 158.741 ug/l
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

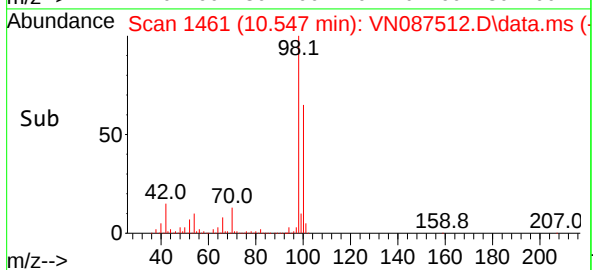
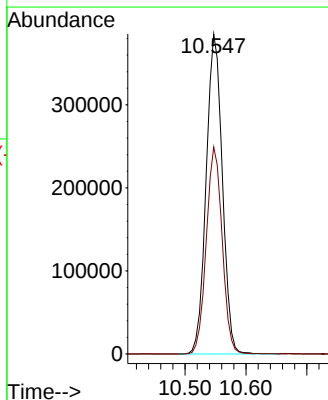
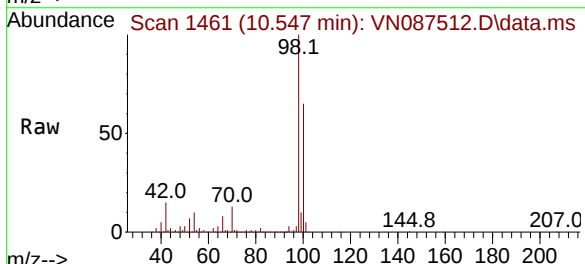
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1055-MW-01(23)

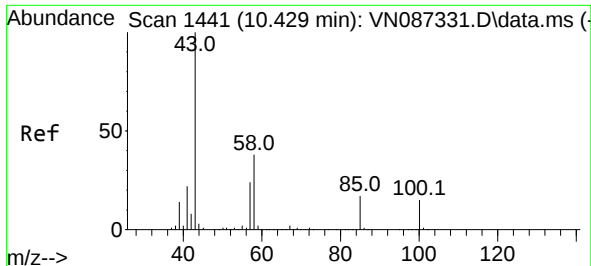
Tgt Ion:130 Resp: 613549
Ion Ratio Lower Upper
130 100
95 107.0 0.0 195.2



#50
Toluene-d8
Concen: 52.009 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 98 Resp: 710694
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

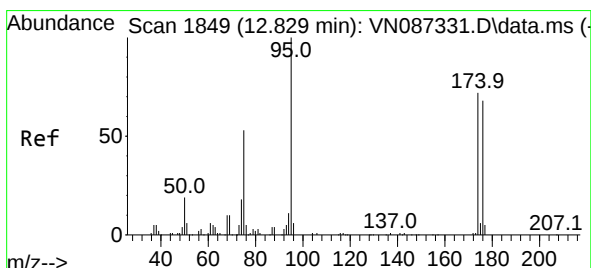
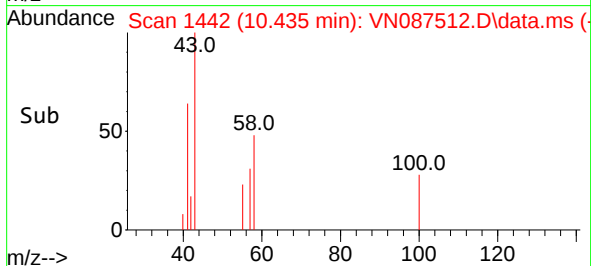
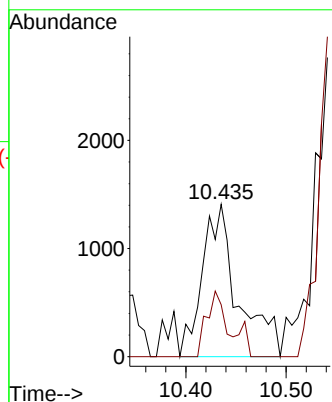
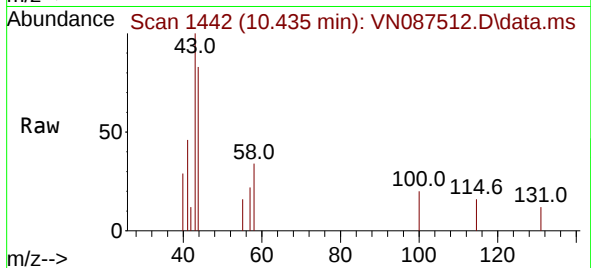




#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

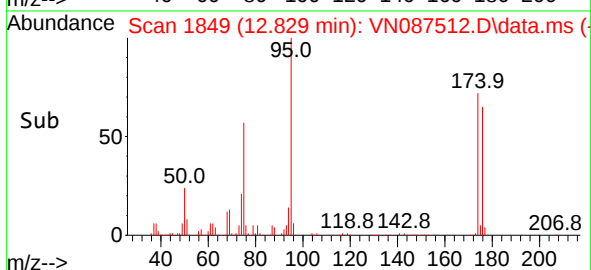
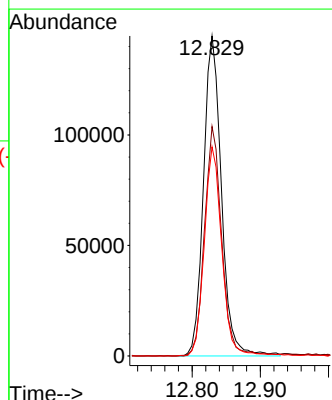
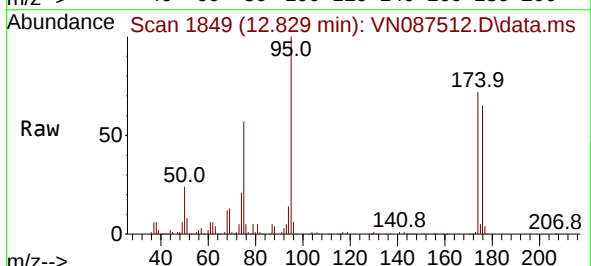
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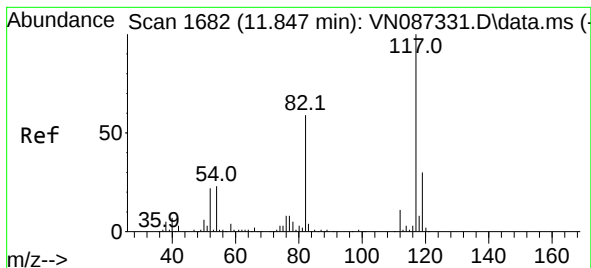
Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
58 22.5 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 52.506 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 95 Resp: 265076
Ion Ratio Lower Upper
95 100
174 68.6 0.0 149.4
176 64.1 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: VN087512.D

Acq: 12 Aug 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

1055-MW-01(23)

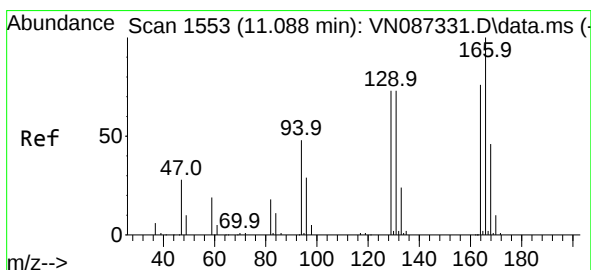
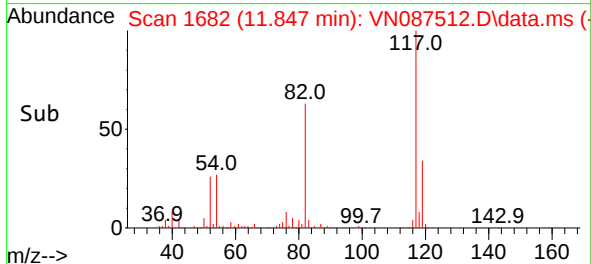
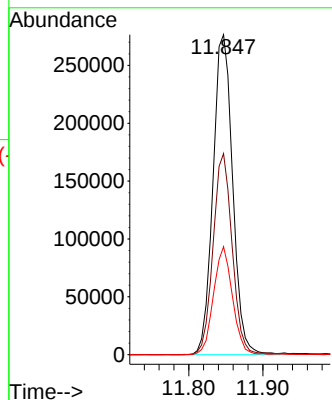
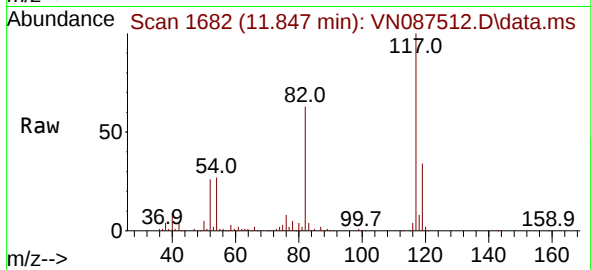
Tgt Ion:117 Resp: 509191

Ion Ratio Lower Upper

117 100

82 62.8 47.4 71.2

119 33.8 23.8 35.8



#64

Tetrachloroethene

Concen: 1007.382 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087512.D

Acq: 12 Aug 2025 14:24

Tgt Ion:164 Resp: 3301374

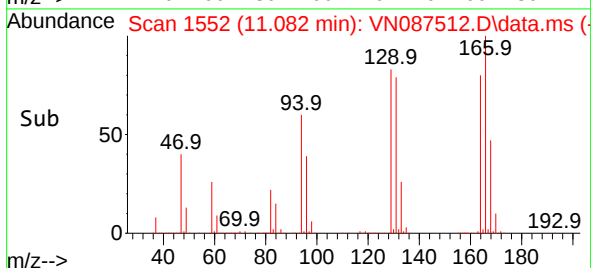
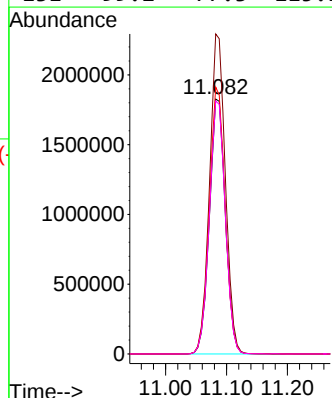
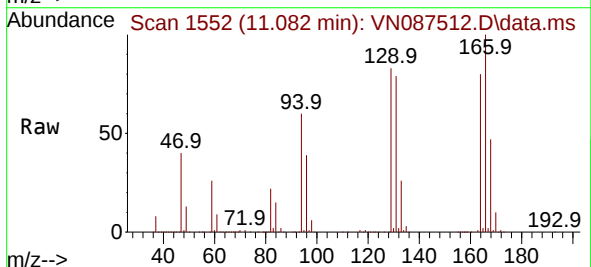
Ion Ratio Lower Upper

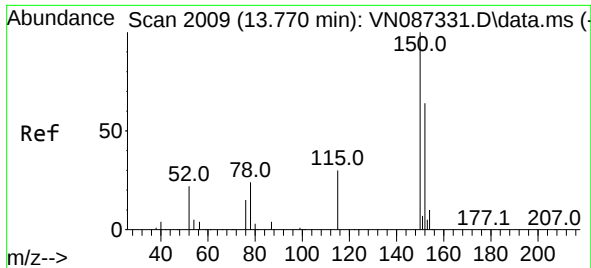
164 100

166 125.5 105.5 158.3

129 104.7 77.4 116.2

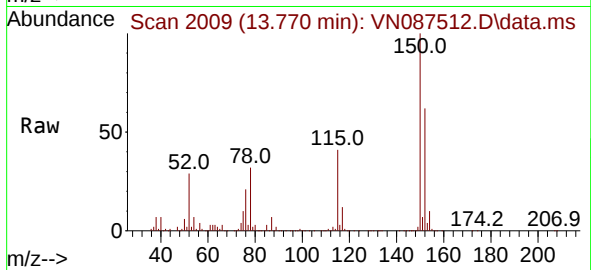
131 99.2 77.3 115.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087512.D
 Acq: 12 Aug 2025 14:24

Instrument :
 MSVOA_N
 ClientSampleId :
 1055-MW-01(23)



Tgt Ion:152 Resp: 246455
 Ion Ratio Lower Upper
 152 100
 115 66.0 31.1 93.5
 150 159.3 0.0 349.0

