

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087568.D
 Acq On : 14 Aug 2025 16:04
 Operator : JC\MD
 Sample : Q2842-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17B-55.5-081225

Quant Time: Aug 14 19:59:47 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)

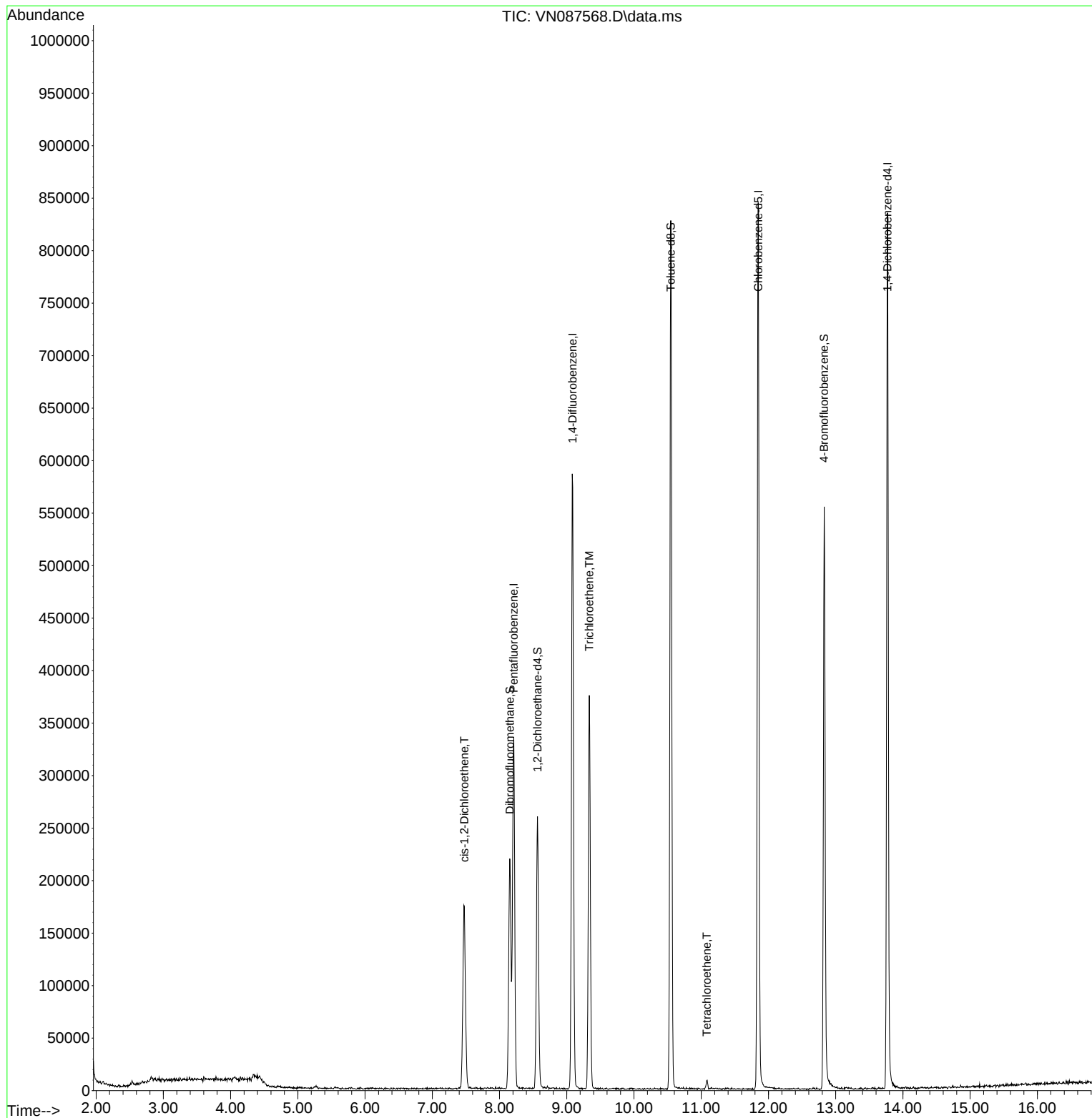
Internal Standards						
1) Pentafluorobenzene	8.212	168	219937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	487780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	455235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	209426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	211074	56.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.120%
35) Dibromofluoromethane	8.153	113	151622	45.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.120%
50) Toluene-d8	10.547	98	557660	46.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.829	95	201626	45.470	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.940%
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.477	96	99130	30.410	ug/l	93
44) Trichloroethene	9.335	130	123655	36.424	ug/l	98
64) Tetrachloroethene	11.082	164	1650	0.563	ug/l #	81

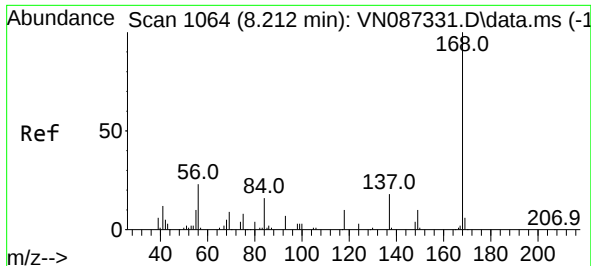
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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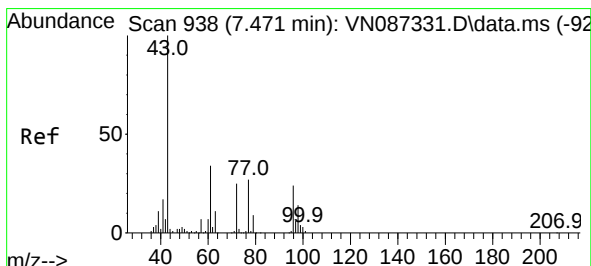
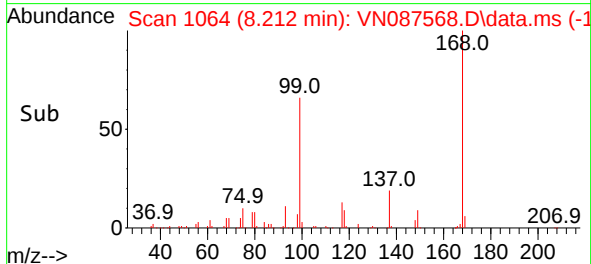
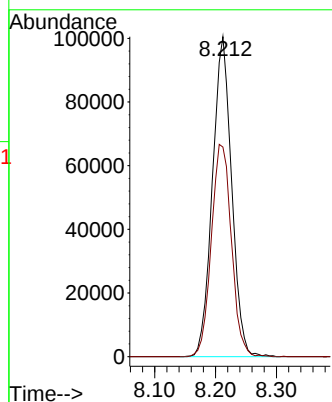
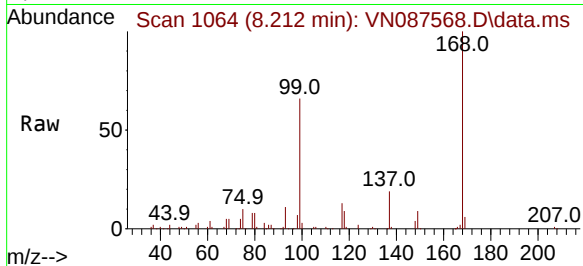




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087568.D
Acq: 14 Aug 2025 16:04

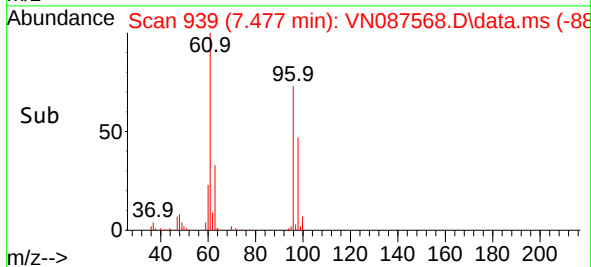
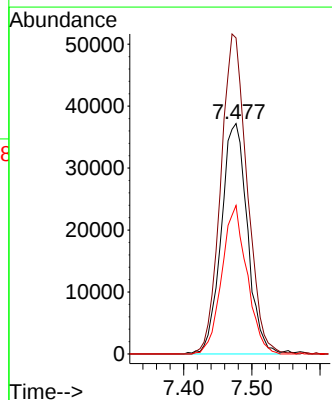
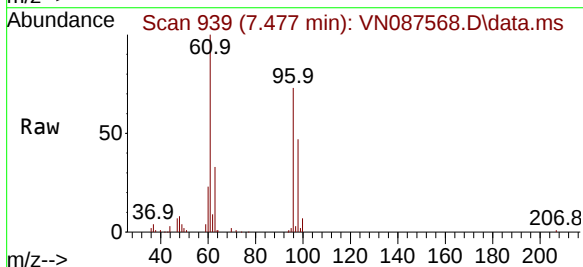
Instrument :
MSVOA_N
ClientSampleId :
MW-17B-55.5-081225

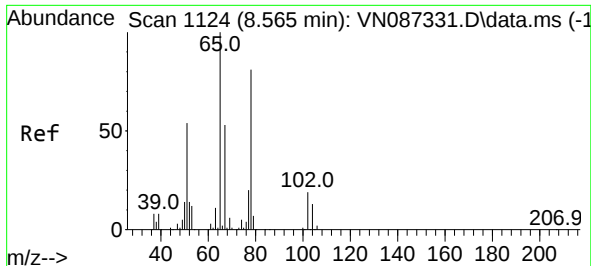
Tgt Ion:168 Resp: 219937
Ion Ratio Lower Upper
168 100
99 65.5 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 30.410 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087568.D
Acq: 14 Aug 2025 16:04

Tgt Ion: 96 Resp: 99130
Ion Ratio Lower Upper
96 100
61 139.9 0.0 297.8
98 62.0 0.0 132.4





#33

1,2-Dichloroethane-d4

Concen: 56.560 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087568.D

Acq: 14 Aug 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

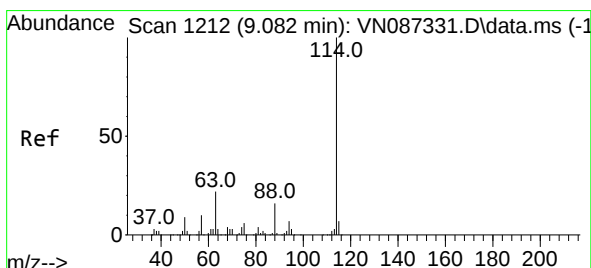
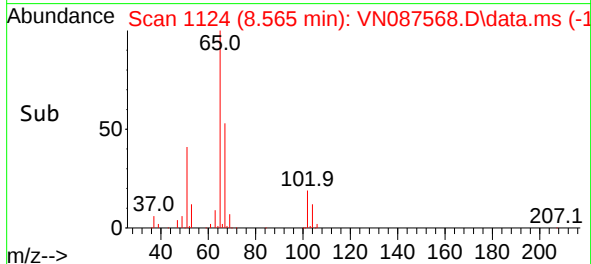
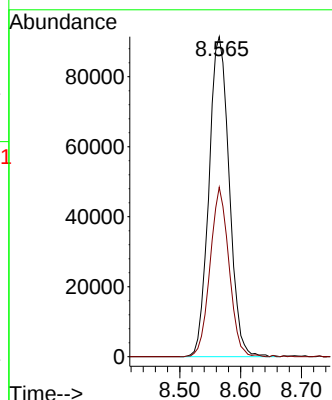
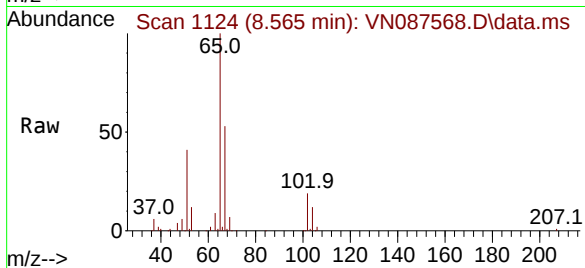
MW-17B-55.5-081225

Tgt Ion: 65 Resp: 211074

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087568.D

Acq: 14 Aug 2025 16:04

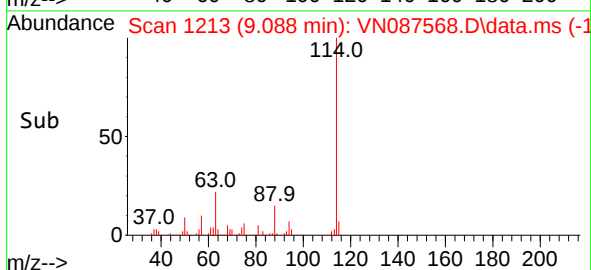
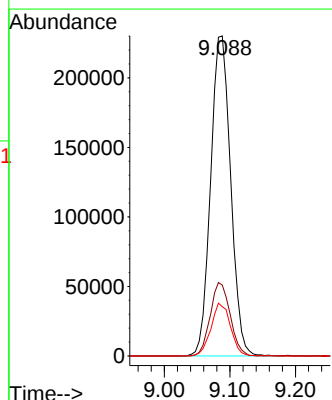
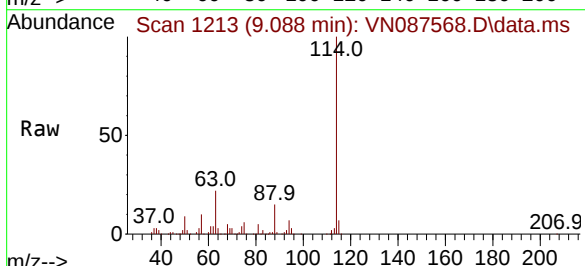
Tgt Ion: 114 Resp: 487780

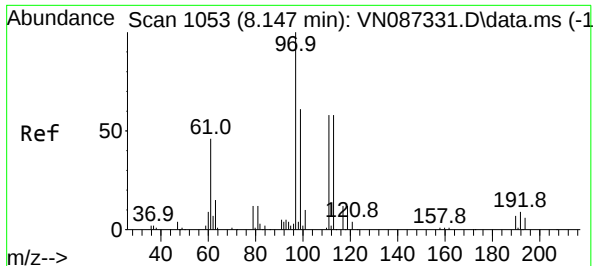
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.062 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087568.D

Acq: 14 Aug 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

MW-17B-55.5-081225

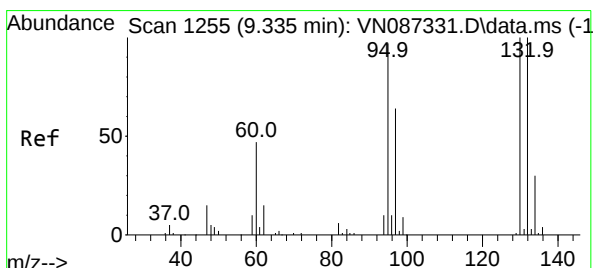
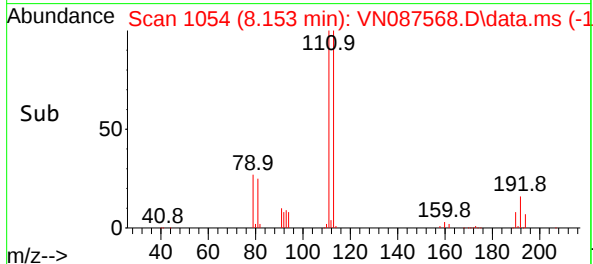
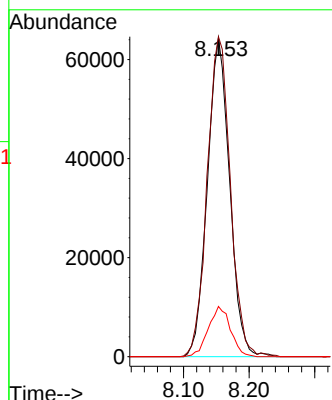
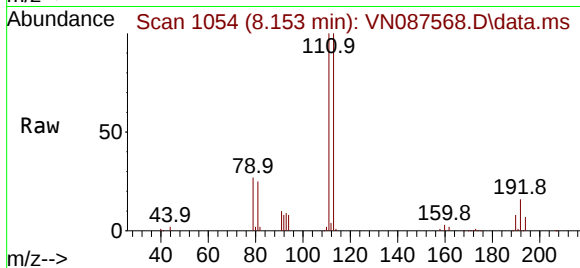
Tgt Ion:113 Resp: 151622

Ion Ratio Lower Upper

113 100

111 104.2 82.5 123.7

192 15.7 13.7 20.5



#44

Trichloroethene

Concen: 36.424 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087568.D

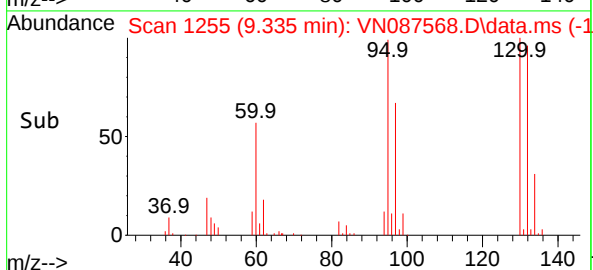
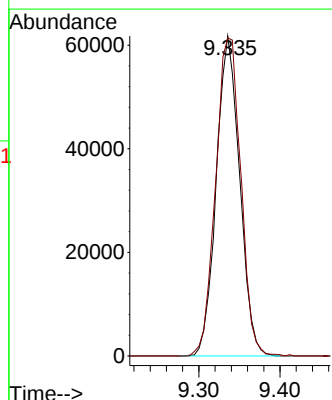
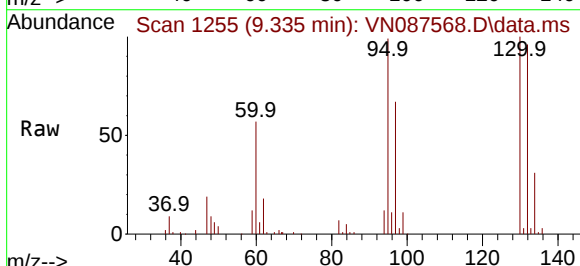
Acq: 14 Aug 2025 16:04

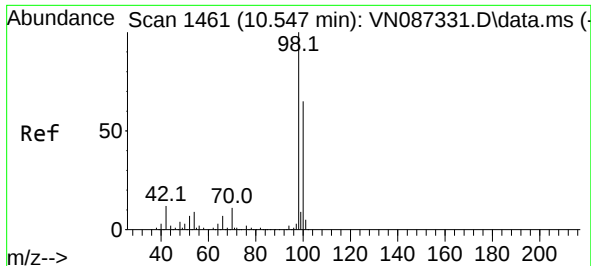
Tgt Ion:130 Resp: 123655

Ion Ratio Lower Upper

130 100

95 99.4 0.0 195.2

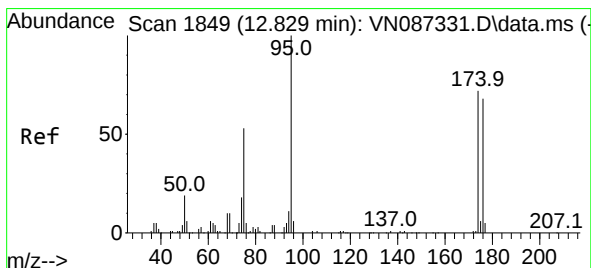
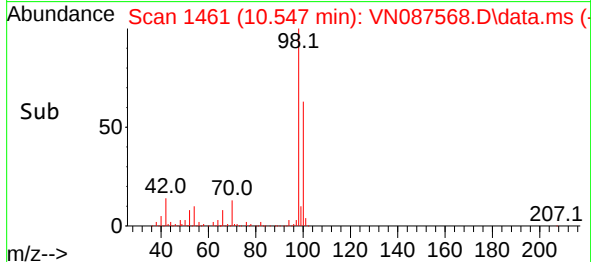
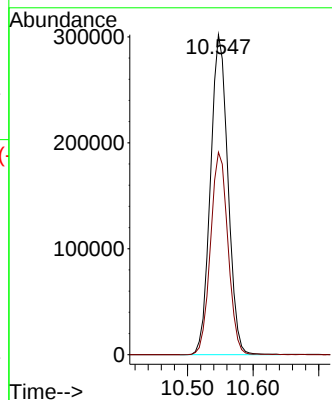
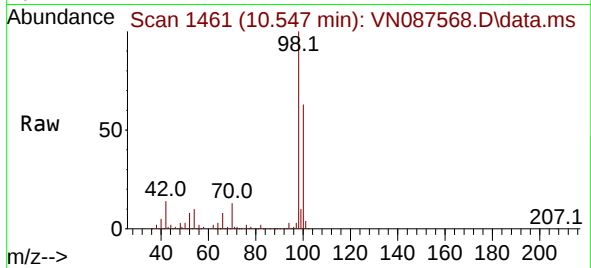




#50
Toluene-d8
Concen: 46.463 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087568.D
Acq: 14 Aug 2025 16:04

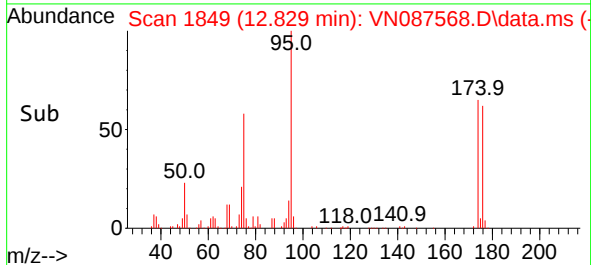
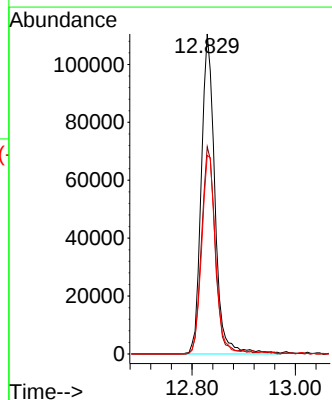
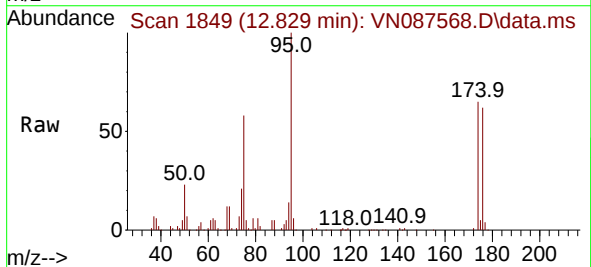
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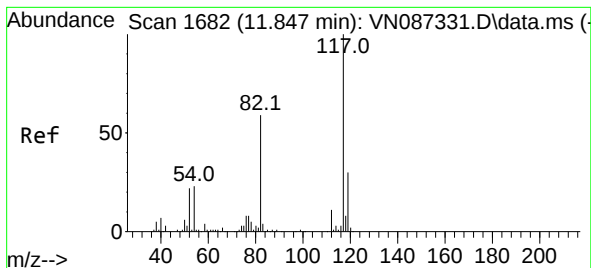
Tgt Ion: 98 Resp: 557660
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.470 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087568.D
Acq: 14 Aug 2025 16:04

Tgt Ion: 95 Resp: 201626
Ion Ratio Lower Upper
95 100
174 65.3 0.0 149.4
176 63.8 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: VN087568.D

Acq: 14 Aug 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

MW-17B-55.5-081225

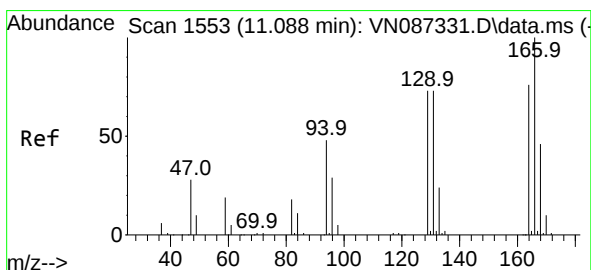
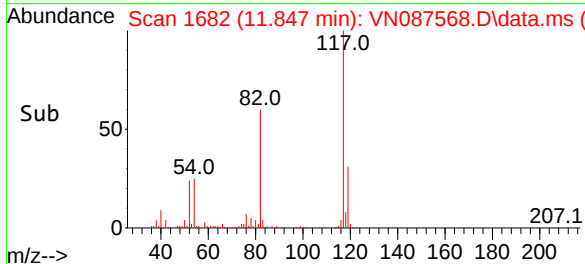
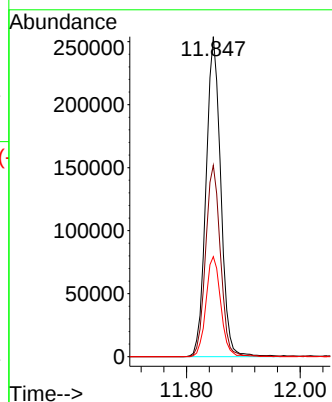
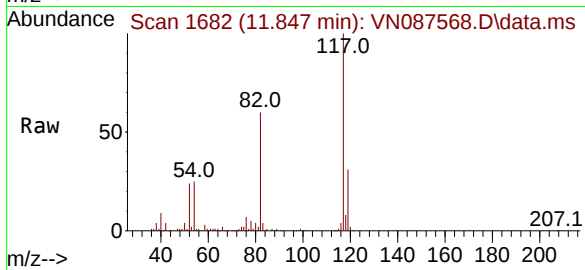
Tgt Ion:117 Resp: 455235

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

119 31.3 23.8 35.8



#64

Tetrachloroethene

Concen: 0.563 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087568.D

Acq: 14 Aug 2025 16:04

Tgt Ion:164 Resp: 1650

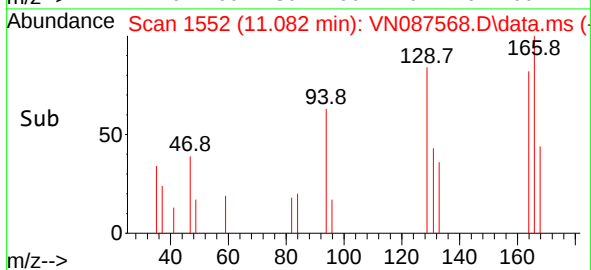
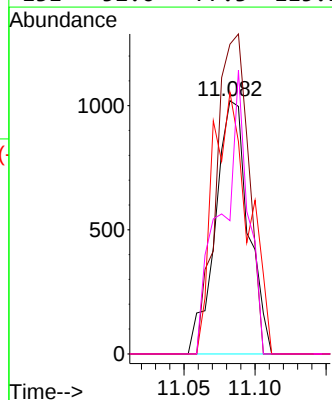
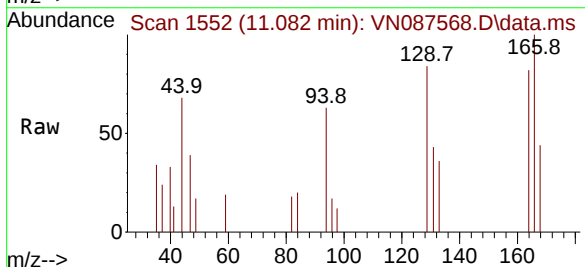
Ion Ratio Lower Upper

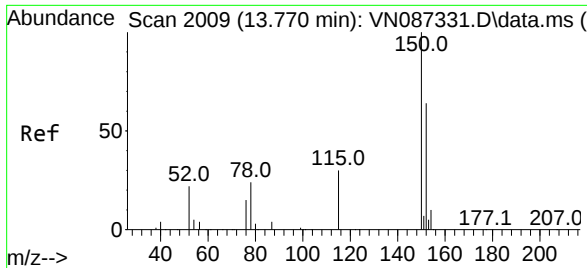
164 100

166 122.4 105.5 158.3

129 103.2 77.4 116.2

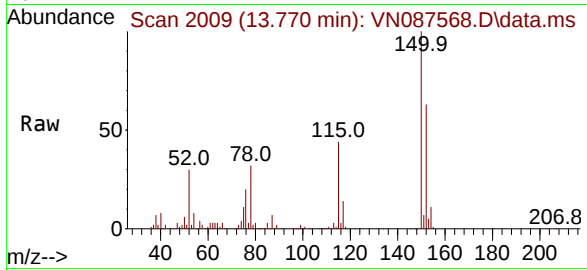
131 52.6 77.3 115.9#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN087568.D
Acq: 14 Aug 2025 16:04

Instrument :
MSVOA_N
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Tgt Ion:152 Resp: 209426
Ion Ratio Lower Upper
152 100
115 64.3 31.1 93.5
150 157.1 0.0 349.0

