

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087532.D
 Acq On : 13 Aug 2025 14:07
 Operator : JC\MD
 Sample : Q2816-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 14 04:00:19 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)

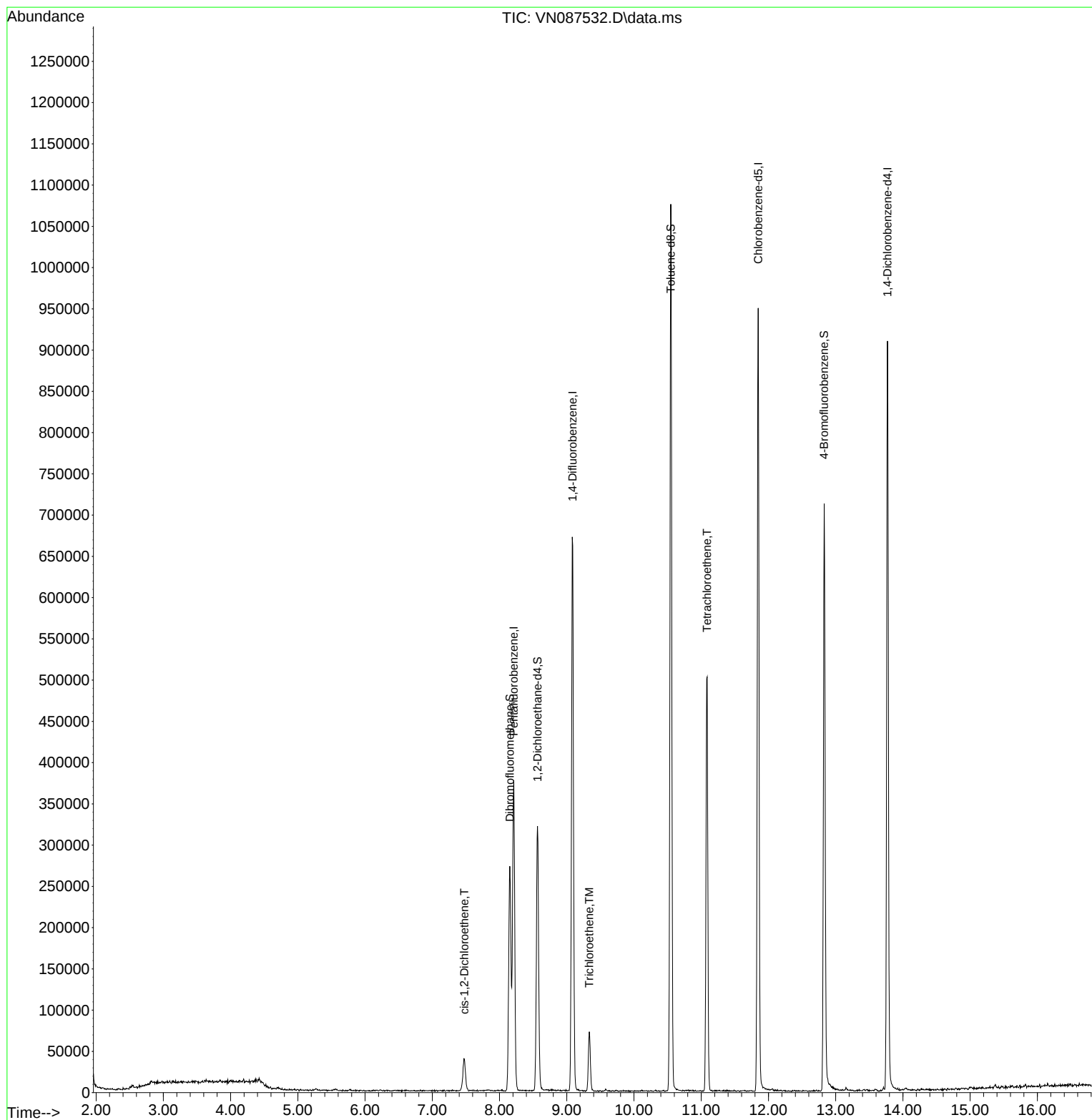
Internal Standards						
1) Pentafluorobenzene	8.212	168	249299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	549507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	507445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	235933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	271979	64.297	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 128.600%#		
35) Dibromofluoromethane	8.153	113	192193	50.704	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.400%		
50) Toluene-d8	10.547	98	702828	51.980	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.960%		
62) 4-Bromofluorobenzene	12.829	95	258230	51.693	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.380%		
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.477	96	21638	5.856	ug/l	96
44) Trichloroethene	9.335	130	22821	5.967	ug/l	83
64) Tetrachloroethene	11.088	164	105782	32.389	ug/l	95

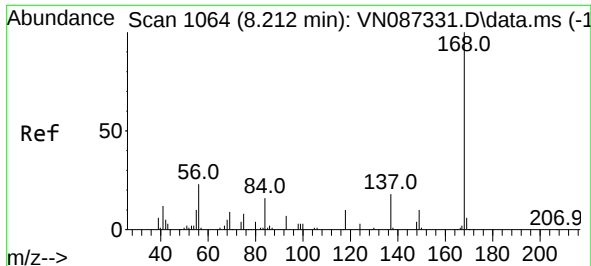
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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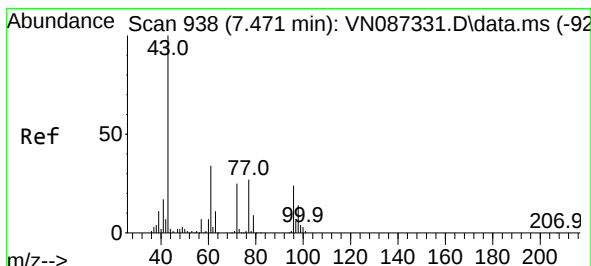
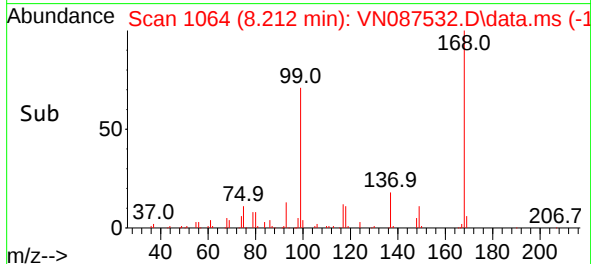
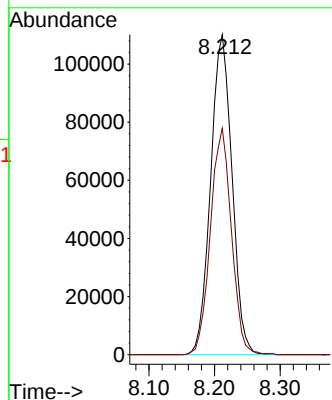
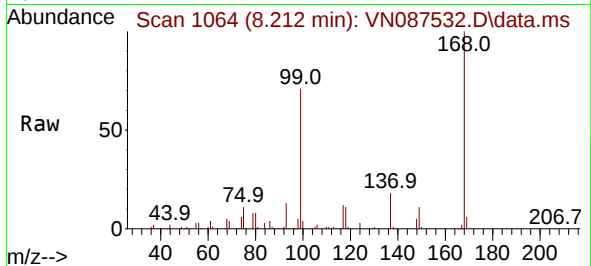




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

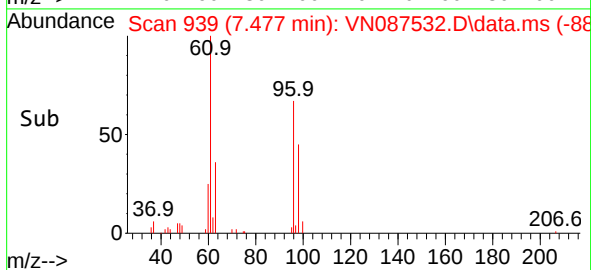
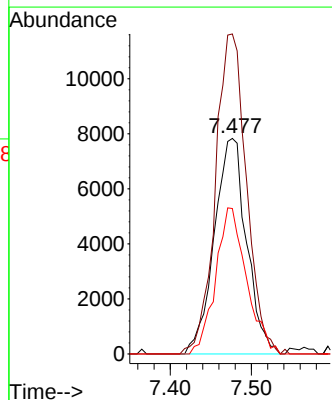
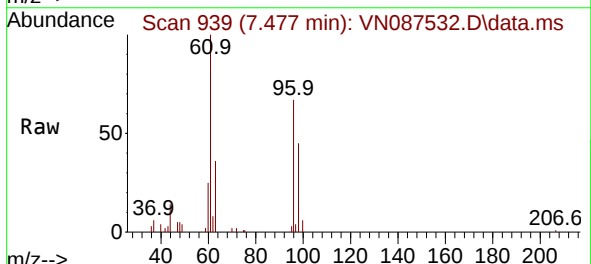
Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

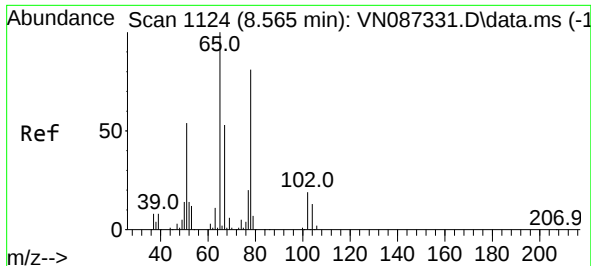
Tgt Ion:168 Resp: 249299
Ion Ratio Lower Upper
168 100
99 70.7 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 5.856 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion: 96 Resp: 21638
Ion Ratio Lower Upper
96 100
61 142.7 0.0 297.8
98 64.8 0.0 132.4





#33

1,2-Dichloroethane-d4

Concen: 64.297 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087532.D

Acq: 13 Aug 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

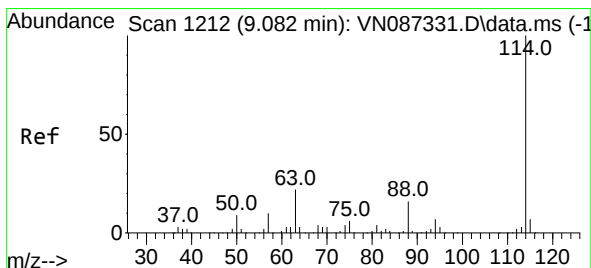
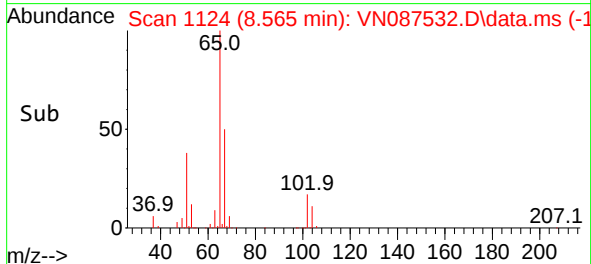
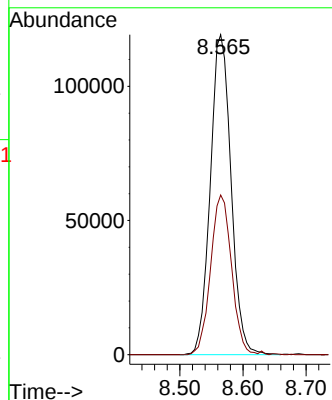
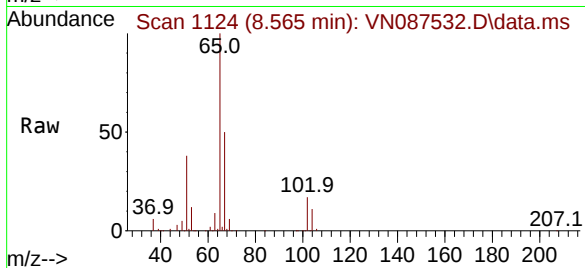
1055-MW-01(23)DL

Tgt Ion: 65 Resp: 271979

Ion Ratio Lower Upper

65 100

67 50.3 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: VN087532.D

Acq: 13 Aug 2025 14:07

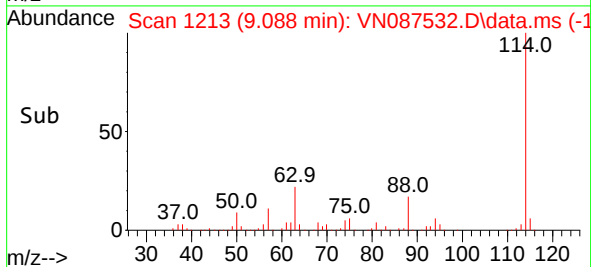
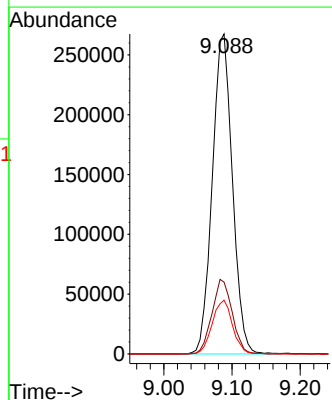
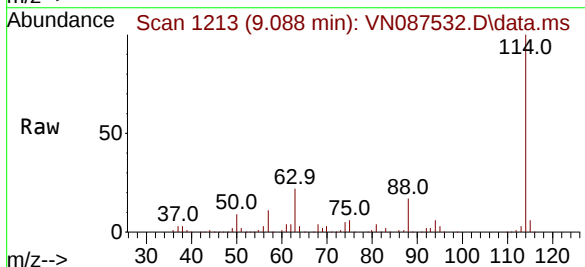
Tgt Ion: 114 Resp: 549507

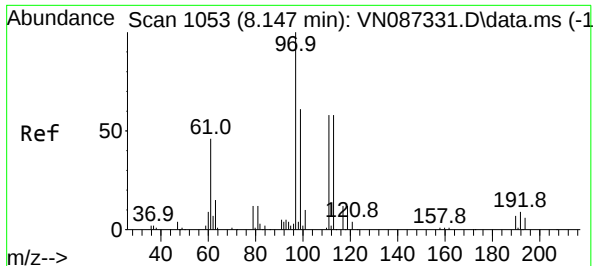
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.704 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087532.D

Acq: 13 Aug 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

1055-MW-01(23)DL

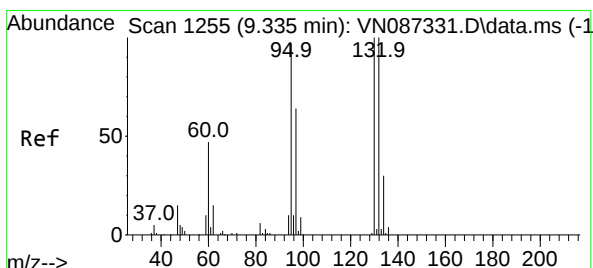
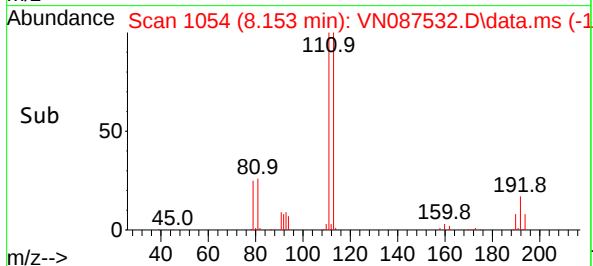
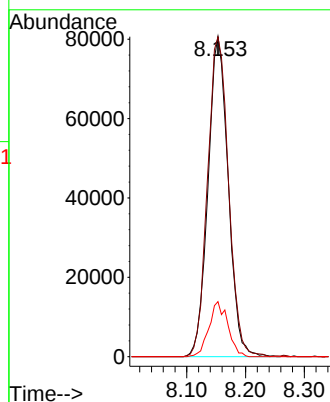
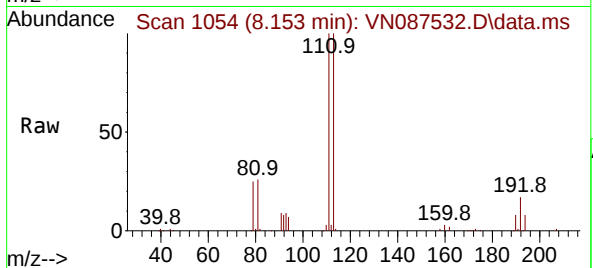
Tgt Ion:113 Resp: 192193

Ion Ratio Lower Upper

113 100

111 103.8 82.5 123.7

192 16.1 13.7 20.5



#44

Trichloroethene

Concen: 5.967 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087532.D

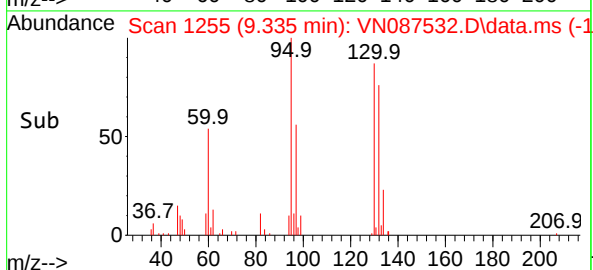
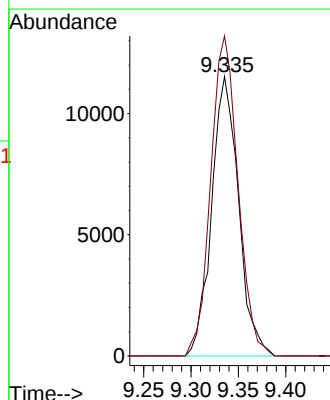
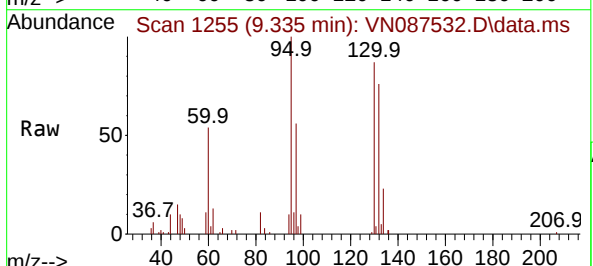
Acq: 13 Aug 2025 14:07

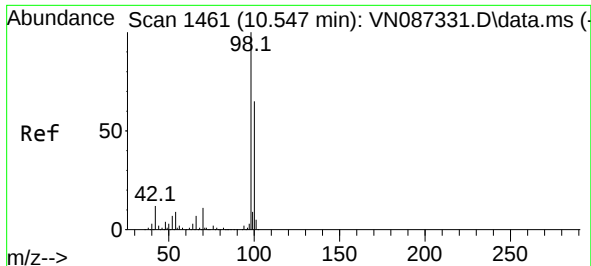
Tgt Ion:130 Resp: 22821

Ion Ratio Lower Upper

130 100

95 114.5 0.0 195.2

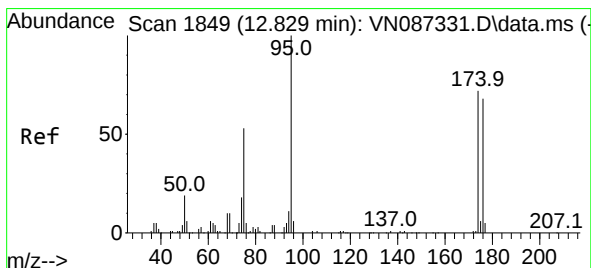
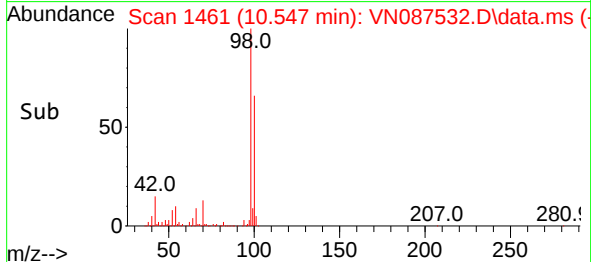
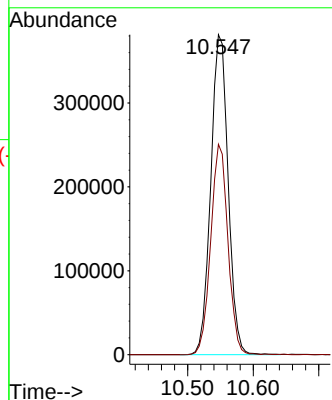
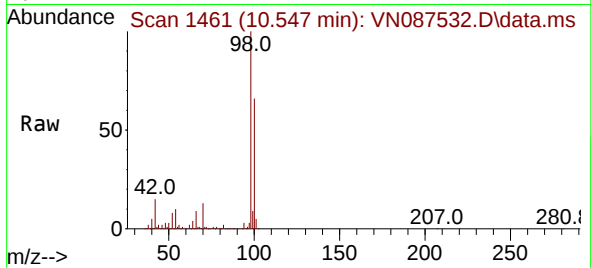




#50
Toluene-d8
Concen: 51.980 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

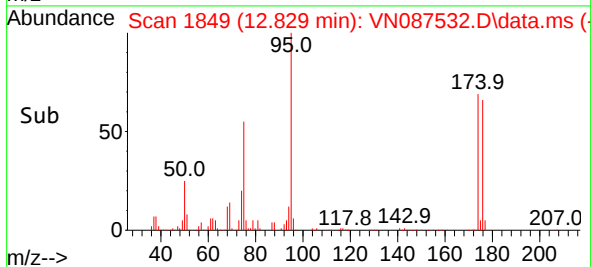
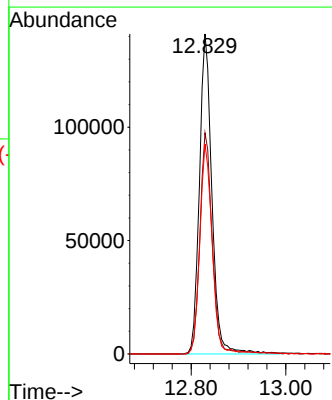
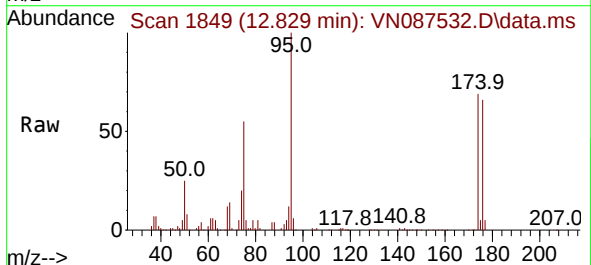
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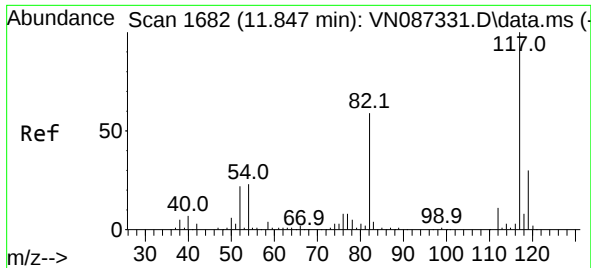
Tgt Ion: 98 Resp: 702828
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.693 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion: 95 Resp: 258230
Ion Ratio Lower Upper
95 100
174 67.3 0.0 149.4
176 65.2 0.0 141.2

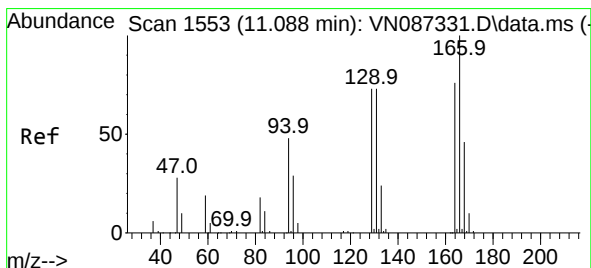
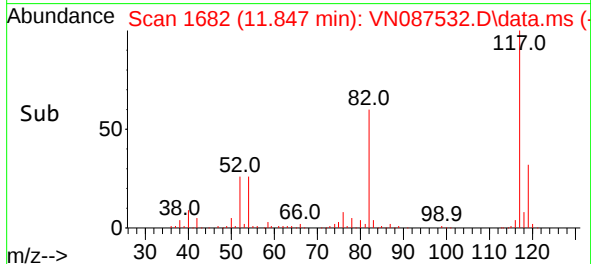
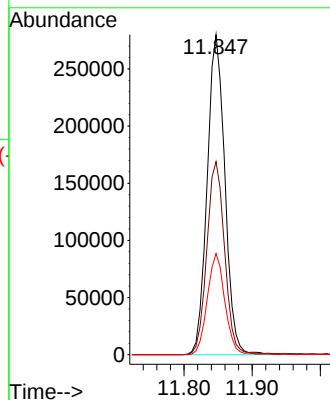
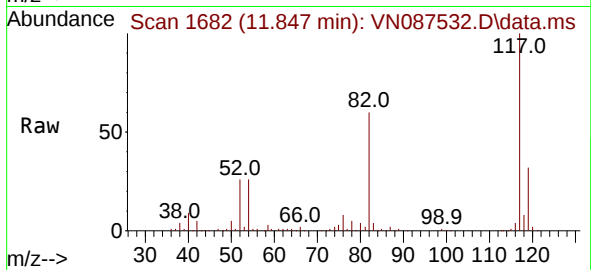




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

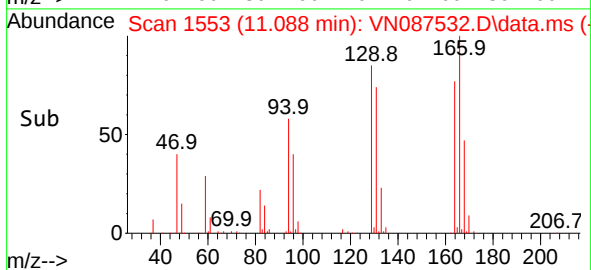
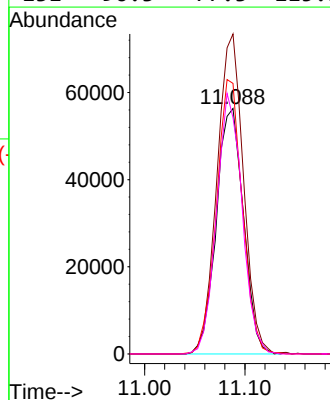
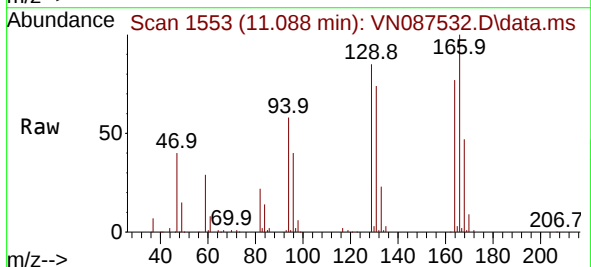
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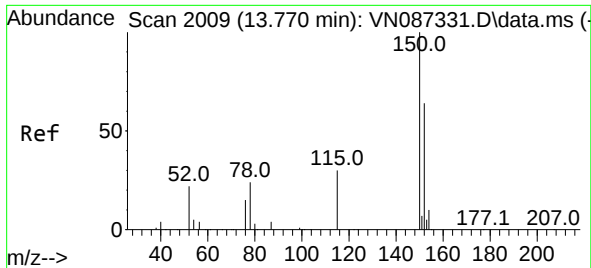
Tgt Ion:117 Resp: 507445
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.6 23.8 35.8



#64
Tetrachloroethene
Concen: 32.389 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

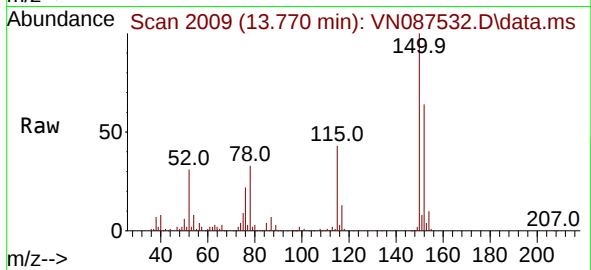
Tgt Ion:164 Resp: 105782
Ion Ratio Lower Upper
164 100
166 130.4 105.5 158.3
129 110.2 77.4 116.2
131 96.3 77.3 115.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087532.D
 Acq: 13 Aug 2025 14:07

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



Tgt Ion:152 Resp: 235933
 Ion Ratio Lower Upper
 152 100
 115 65.2 31.1 93.5
 150 156.6 0.0 349.0

