

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086086.D
 Acq On : 24 Mar 2025 20:50
 Operator : JC\MD
 Sample : Q1622-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

Quant Time: Mar 25 01:32:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

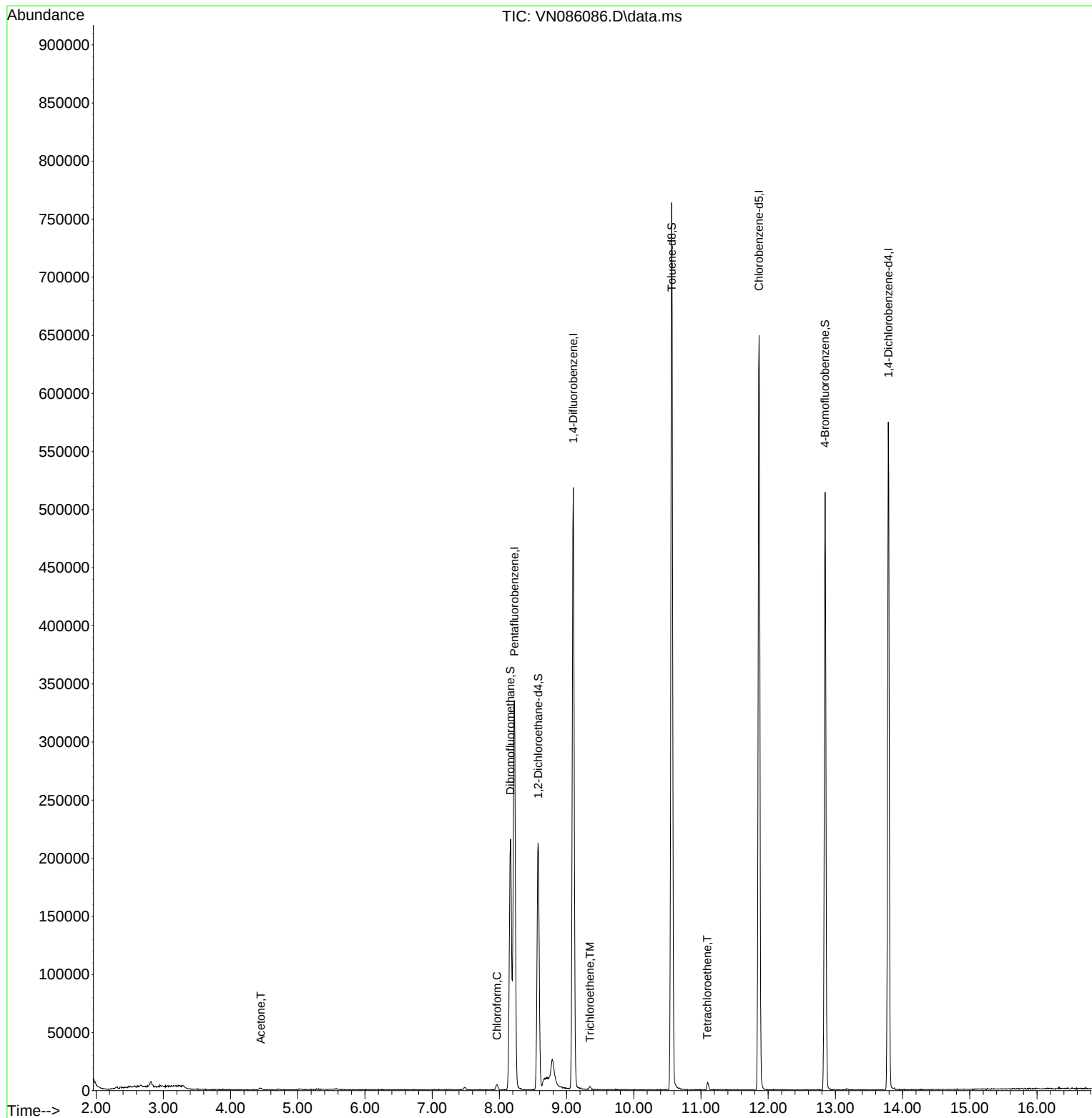
Internal Standards						
1) Pentafluorobenzene	8.224	168	252685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	462481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	398785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178605	51.618	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.240%	
35) Dibromofluoromethane	8.165	113	158567	49.121	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.240%	
50) Toluene-d8	10.565	98	540982	46.176	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.360%	
62) 4-Bromofluorobenzene	12.847	95	178180	42.646	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	2766	2.617	ug/l	93
30) Chloroform	7.965	83	4502	0.805	ug/l #	81
44) Trichloroethene	9.347	130	1076	0.311	ug/l	76
64) Tetrachloroethene	11.094	164	1731	0.544	ug/l #	75

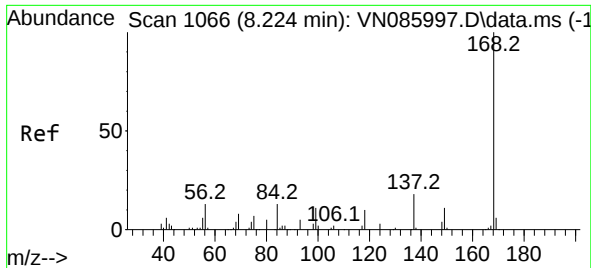
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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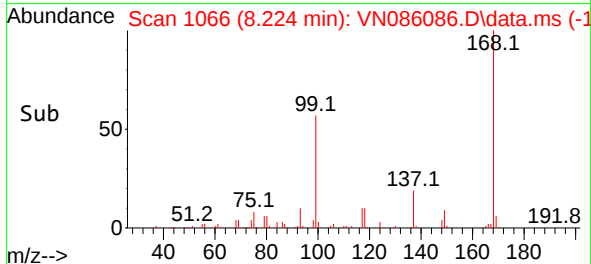
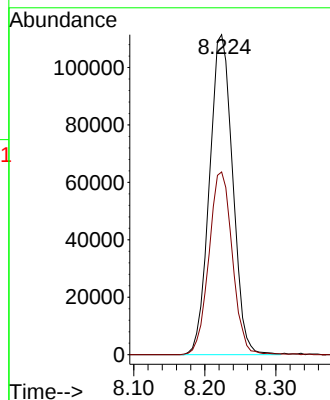
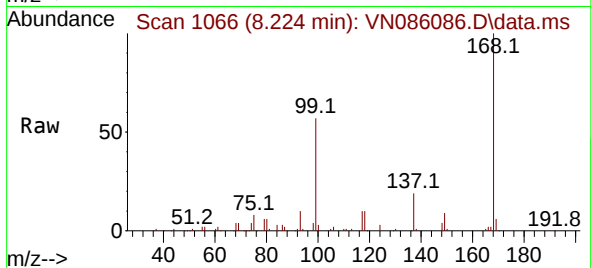




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

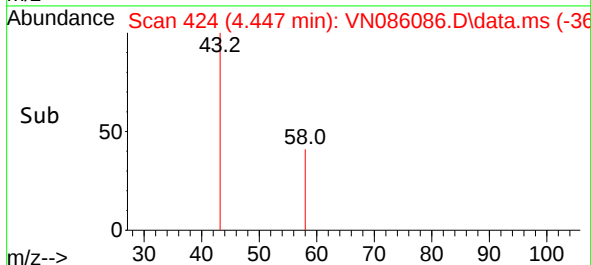
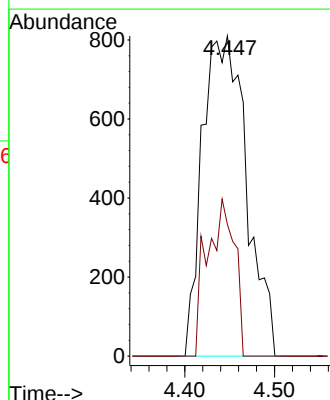
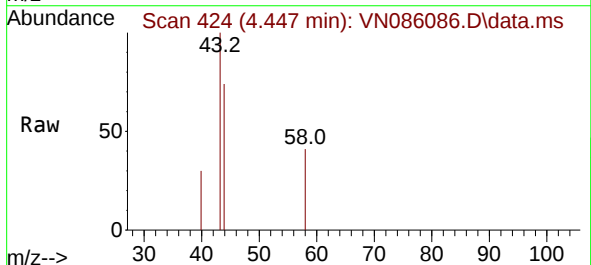
Instrument :
MSVOA_N
ClientSampleId :
MW1

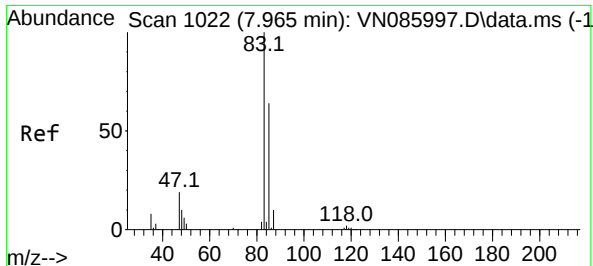
Tgt Ion:168 Resp: 252685
Ion Ratio Lower Upper
168 100
99 57.1 49.4 74.2



#16
Acetone
Concen: 2.617 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

Tgt Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 41.1 29.4 44.2





#30

Chloroform

Concen: 0.805 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086086.D

Acq: 24 Mar 2025 20:50

Instrument :

MSVOA_N

ClientSampleId :

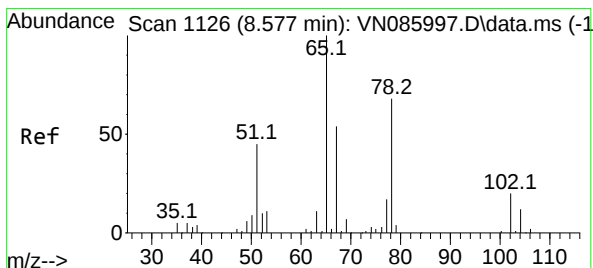
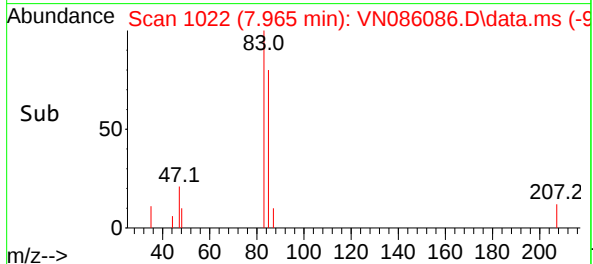
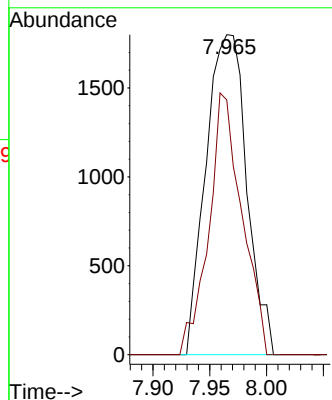
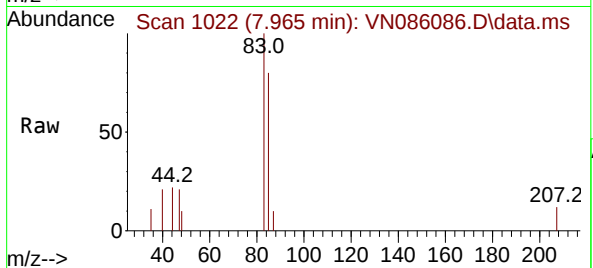
MW1

Tgt Ion: 83 Resp: 4502

Ion Ratio Lower Upper

83 100

85 79.6 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 51.618 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086086.D

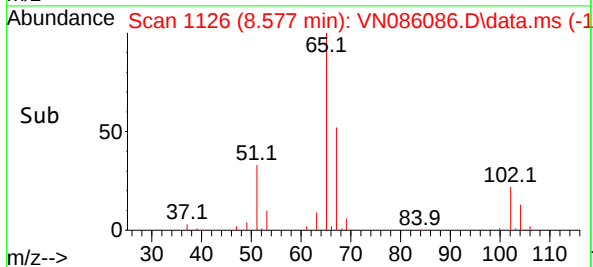
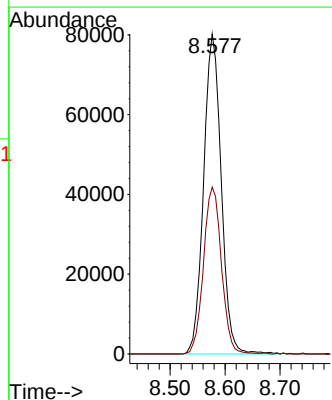
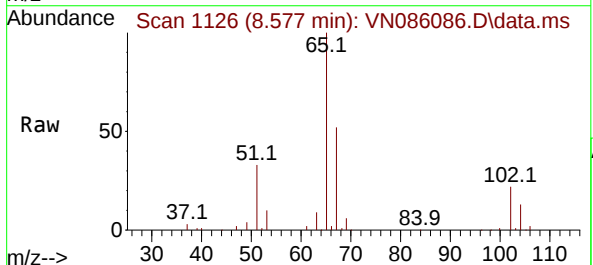
Acq: 24 Mar 2025 20:50

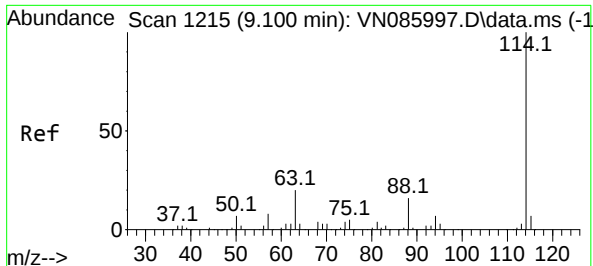
Tgt Ion: 65 Resp: 178605

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.2

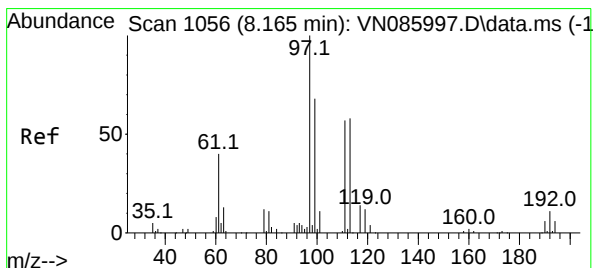
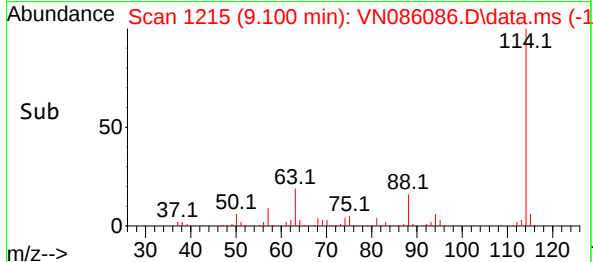
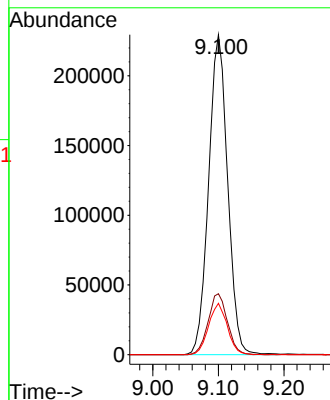
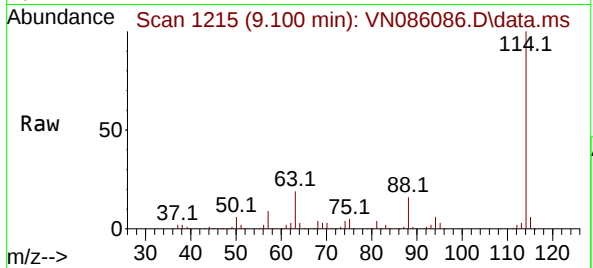




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

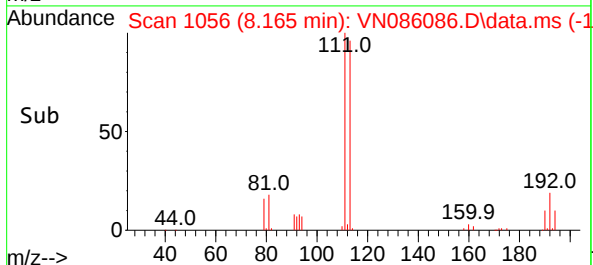
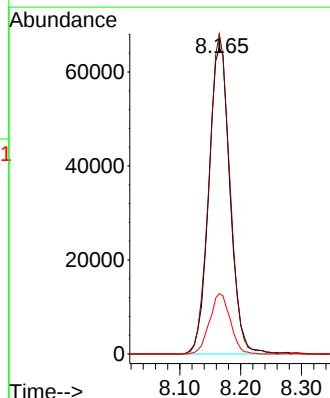
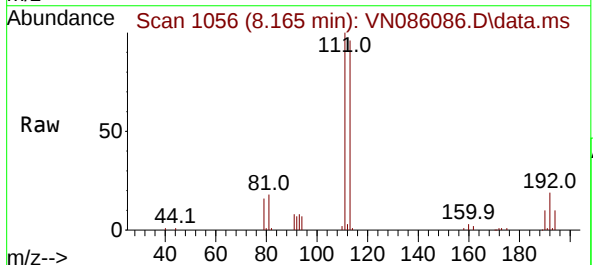
Instrument :
MSVOA_N
ClientSampleId :
MW1

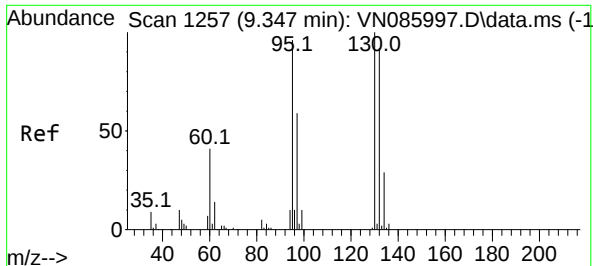
Tgt Ion:114 Resp: 462481
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.121 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

Tgt Ion:113 Resp: 158567
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 19.1 15.9 23.9

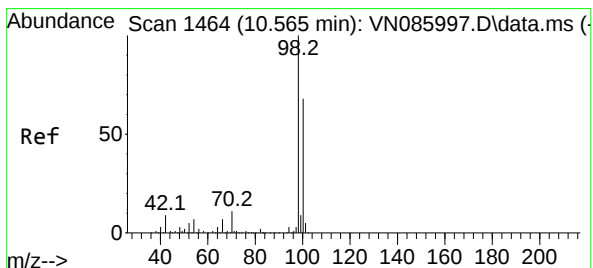
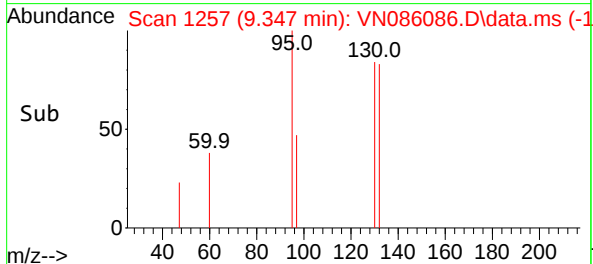
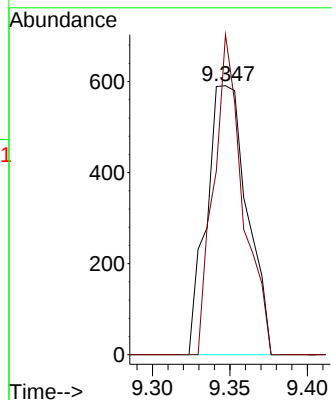
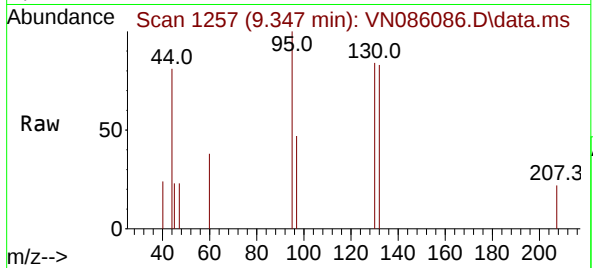




#44
 Trichloroethene
 Concen: 0.311 ug/l
 RT: 9.347 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086086.D
 Acq: 24 Mar 2025 20:50

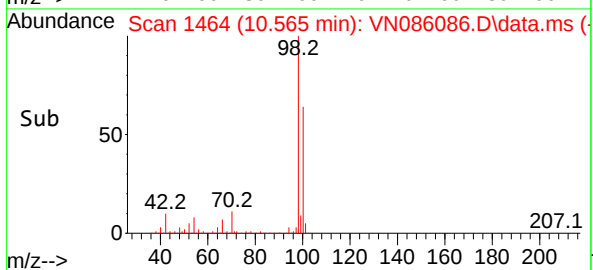
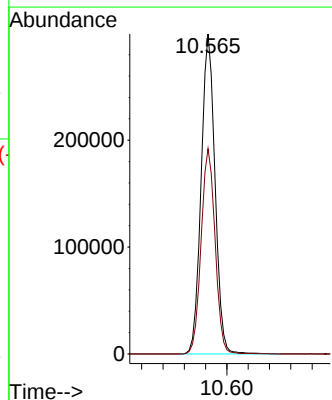
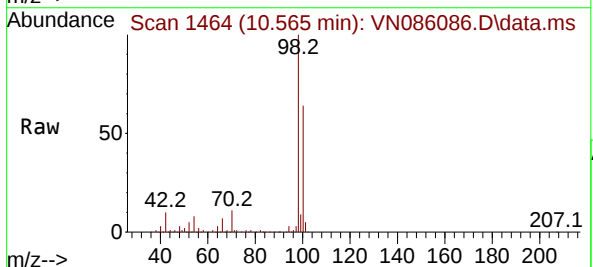
Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

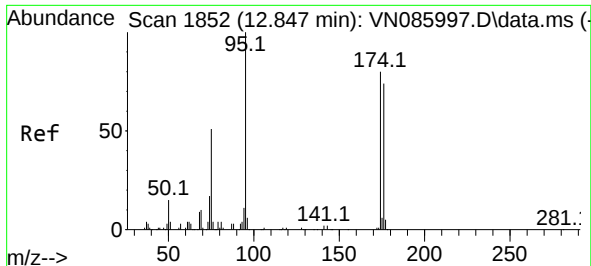
Tgt Ion:130 Resp: 1076
 Ion Ratio Lower Upper
 130 100
 95 119.0 0.0 191.6



#50
 Toluene-d8
 Concen: 46.176 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086086.D
 Acq: 24 Mar 2025 20:50

Tgt Ion: 98 Resp: 540982
 Ion Ratio Lower Upper
 98 100
 100 64.5 53.1 79.7

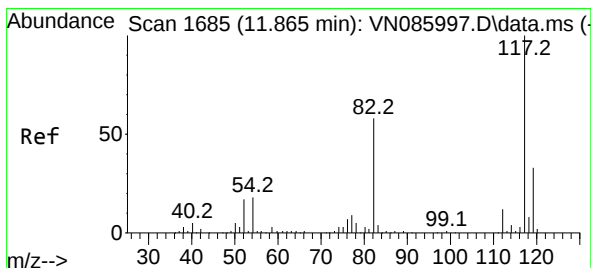
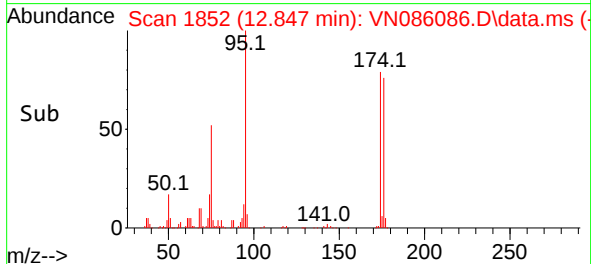
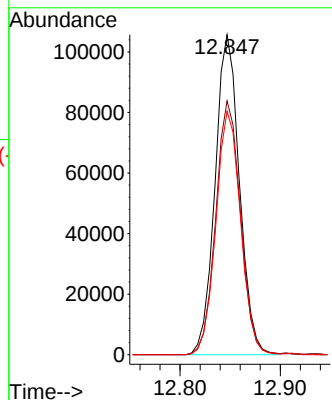
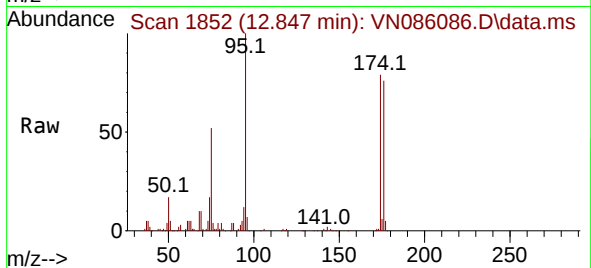




#62
4-Bromofluorobenzene
Concen: 42.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

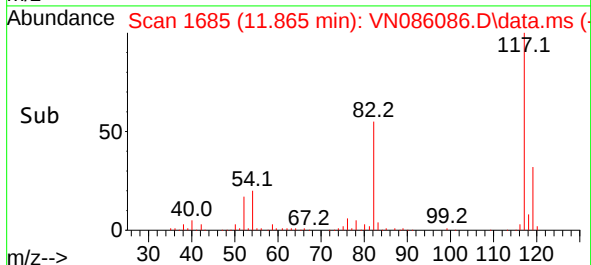
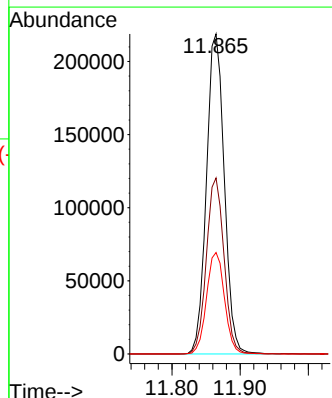
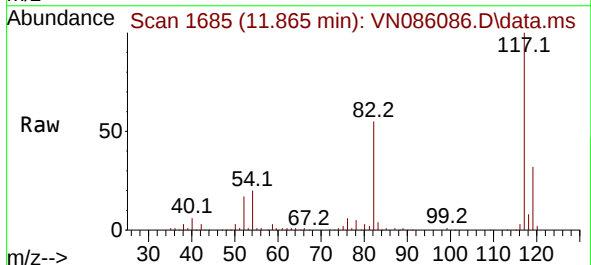
Instrument :
MSVOA_N
ClientSampleId :
MW1

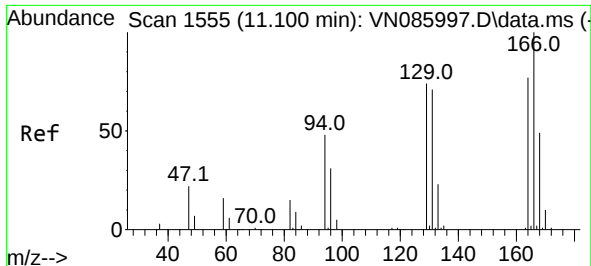
Tgt Ion: 95 Resp: 178180
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.8
176 76.9 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

Tgt Ion: 117 Resp: 398785
Ion Ratio Lower Upper
117 100
82 55.0 46.7 70.1
119 31.7 26.5 39.7

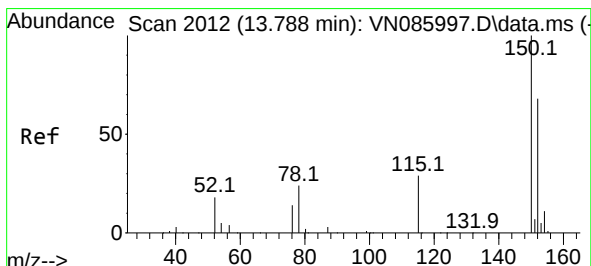
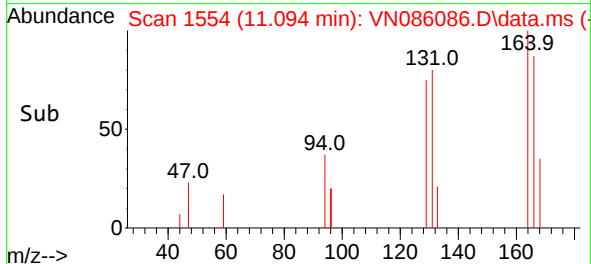
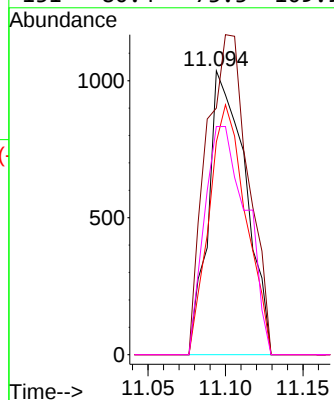
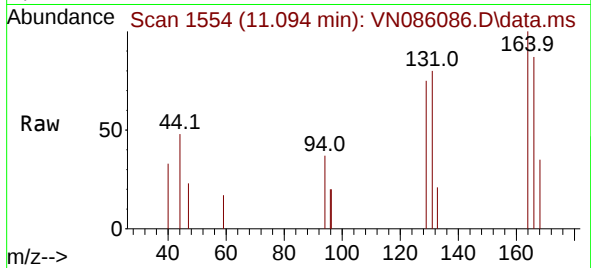




#64
Tetrachloroethene
Concen: 0.544 ug/l
RT: 11.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:164 Resp: 1731
Ion Ratio Lower Upper
164 100
166 86.9 103.7 155.5#
129 75.0 77.1 115.7#
131 80.4 73.3 109.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086086.D
Acq: 24 Mar 2025 20:50

Tgt Ion:152 Resp: 163397
Ion Ratio Lower Upper
152 100
115 59.4 31.1 93.2
150 155.4 0.0 359.6

