

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087117.D
 Acq On : 19 Jun 2025 17:10
 Operator : JC\MD
 Sample : Q2329-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613

Quant Time: Jun 20 01:29:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

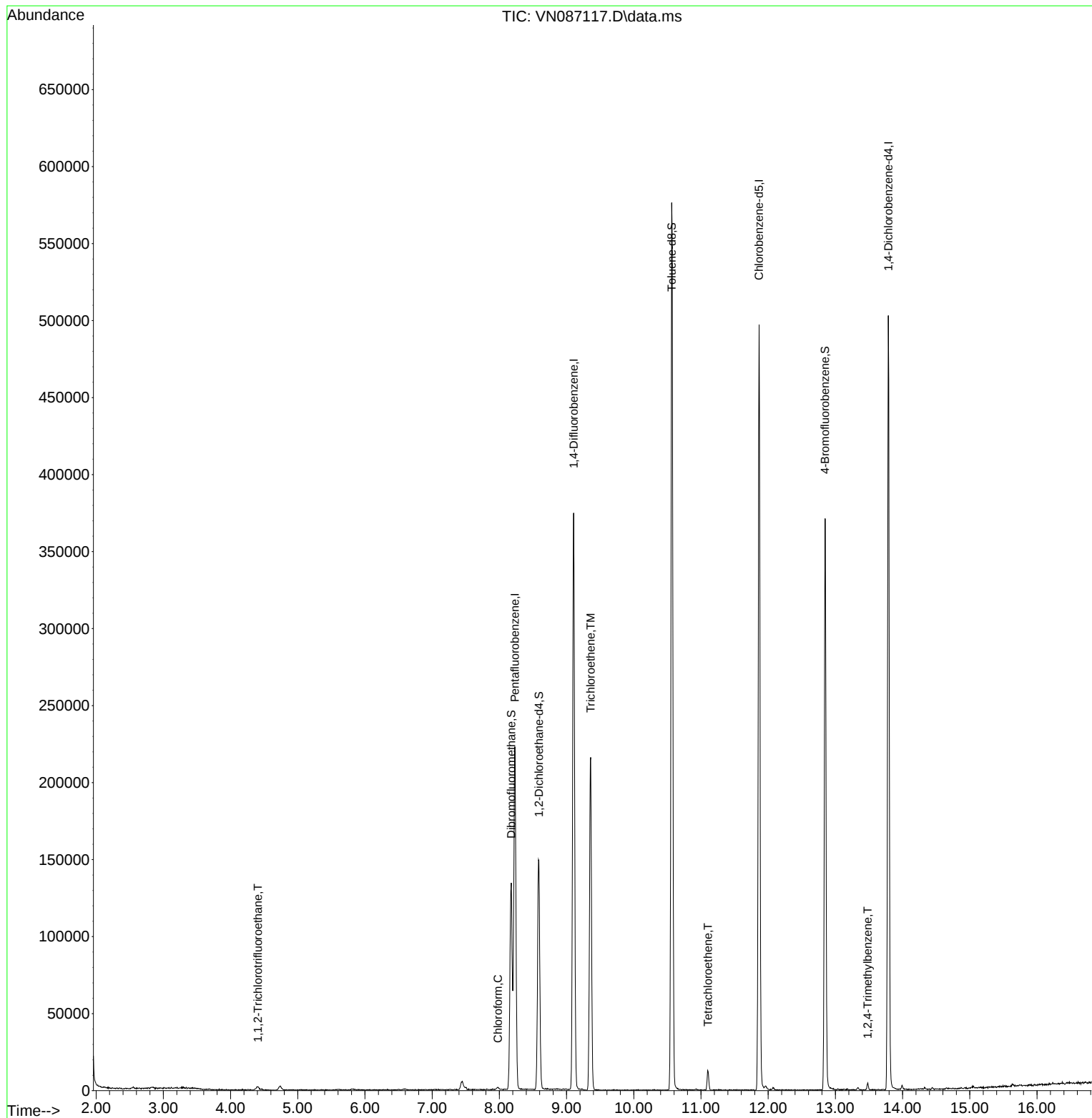
Internal Standards						
1) Pentafluorobenzene	8.230	168	174693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	347567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	124120	53.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.140%	
35) Dibromofluoromethane	8.177	113	105308	51.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	10.565	98	433267	53.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.847	95	149492	49.346	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.700%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.406	101	2113	1.109	ug/l	# 85
30) Chloroform	7.977	83	1728	0.442	ug/l	91
44) Trichloroethene	9.359	130	86736	36.446	ug/l	99
64) Tetrachloroethene	11.106	164	3135	1.578	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	3180	0.357	ug/l	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

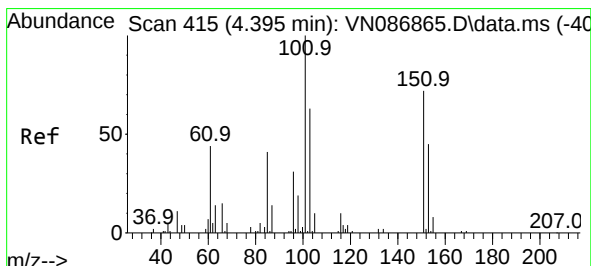
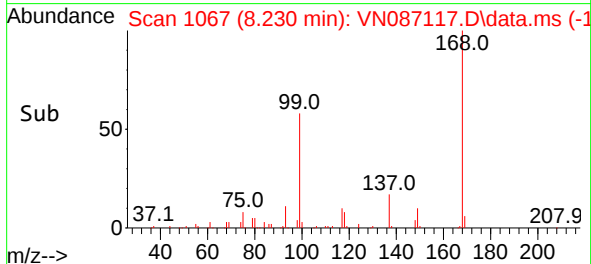
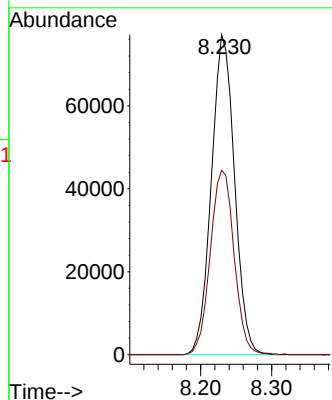
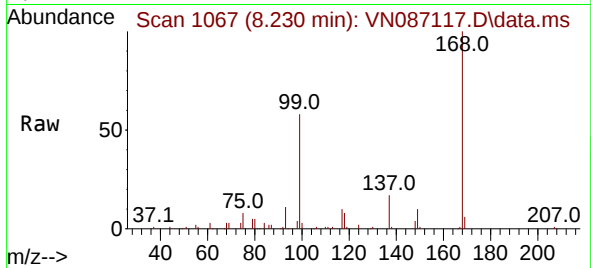




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

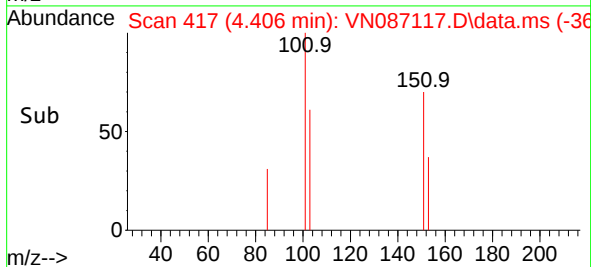
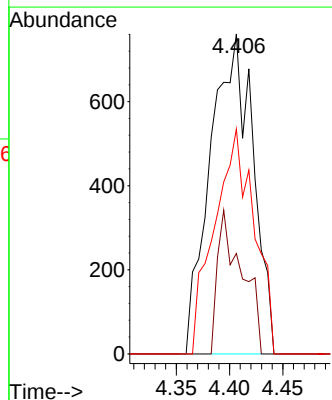
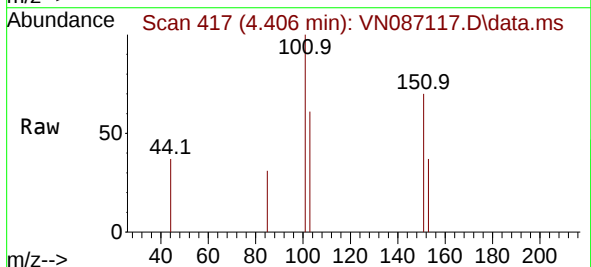
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613

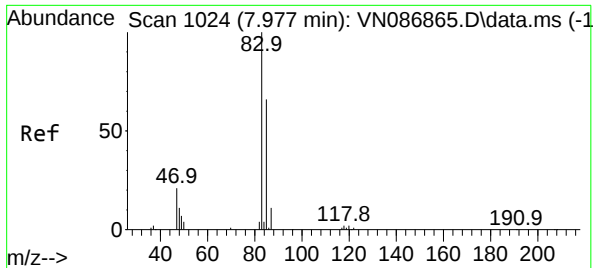
Tgt Ion:168 Resp: 174693
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.109 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Tgt Ion:101 Resp: 2113
Ion Ratio Lower Upper
101 100
85 25.9 33.8 50.8#
151 65.7 58.7 88.1

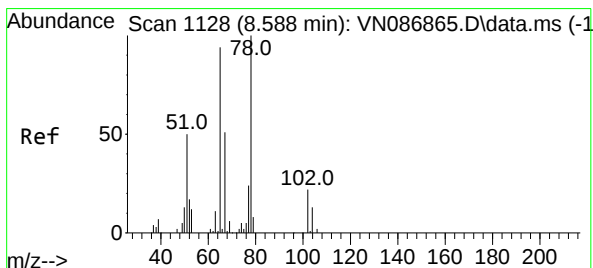
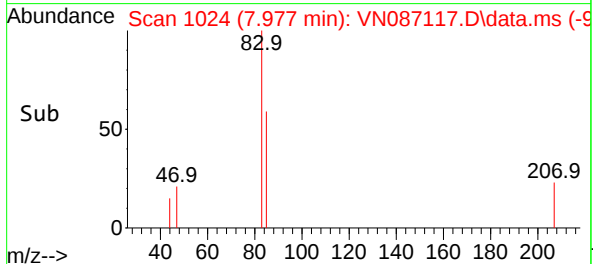
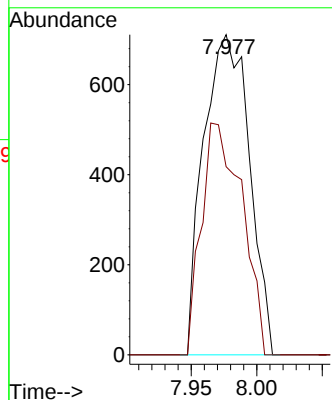
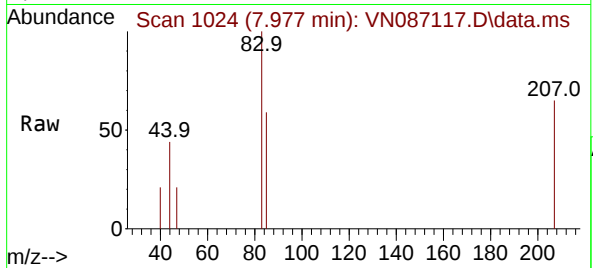




#30
Chloroform
Concen: 0.442 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

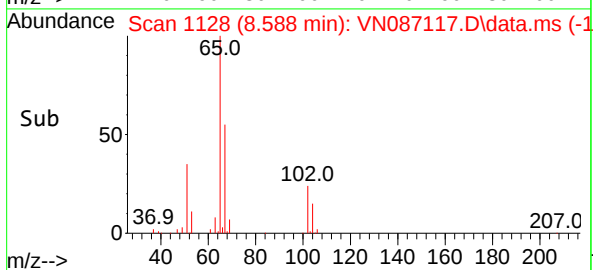
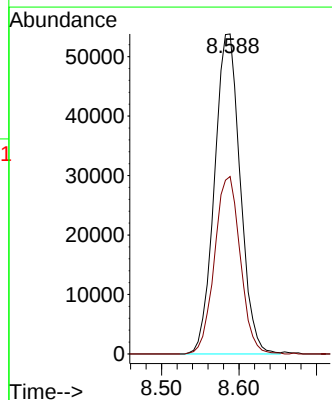
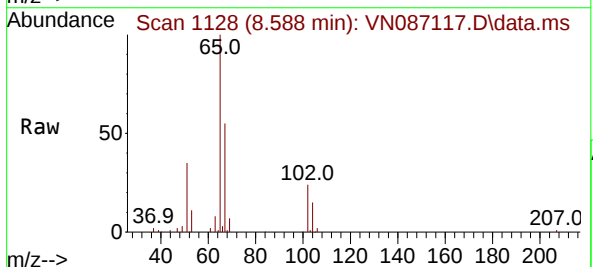
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613

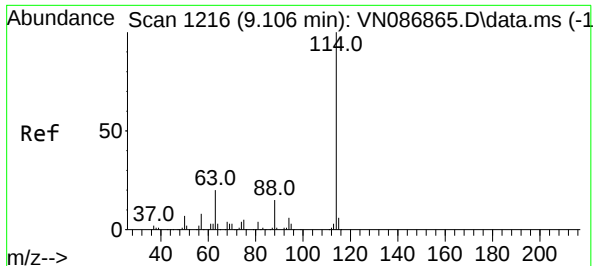
Tgt Ion: 83 Resp: 1728
Ion Ratio Lower Upper
83 100
85 58.8 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 53.067 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 65 Resp: 124120
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087117.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613

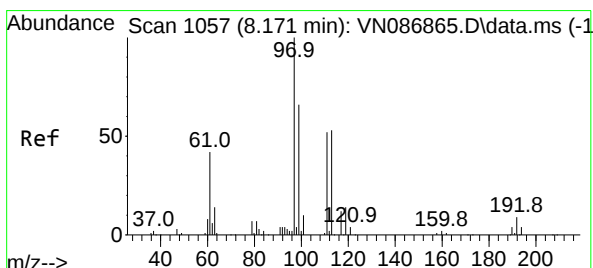
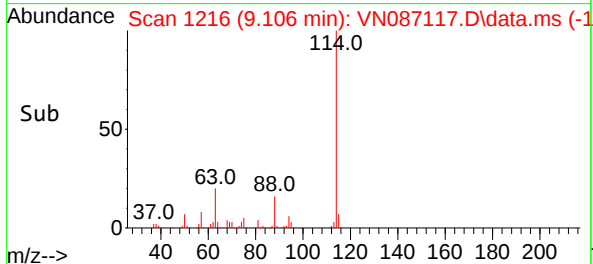
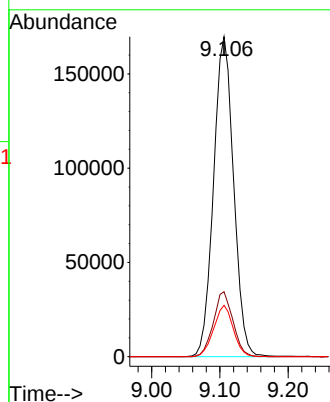
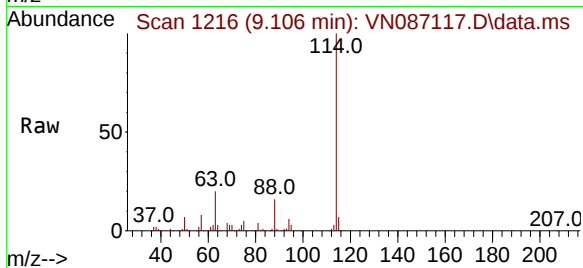
Tgt Ion:114 Resp: 347567

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.126 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087117.D

Acq: 19 Jun 2025 17:10

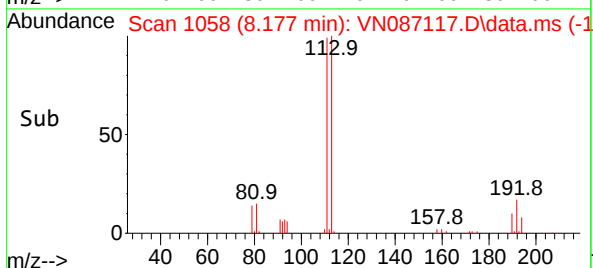
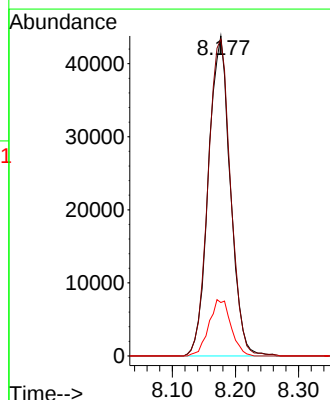
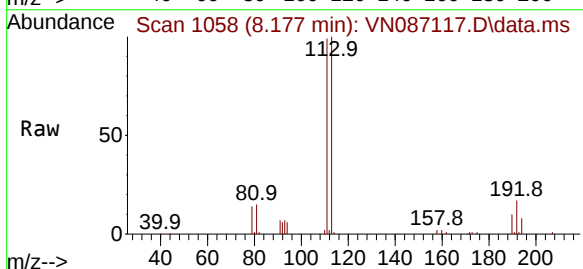
Tgt Ion:113 Resp: 105308

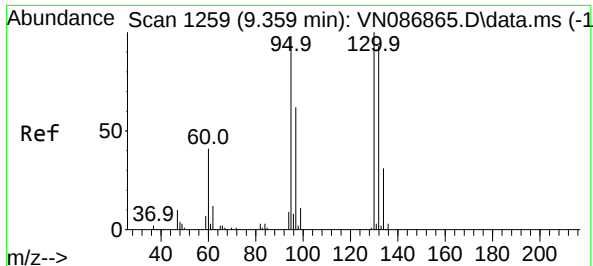
Ion Ratio Lower Upper

113 100

111 101.5 84.2 126.2

192 17.7 14.2 21.4

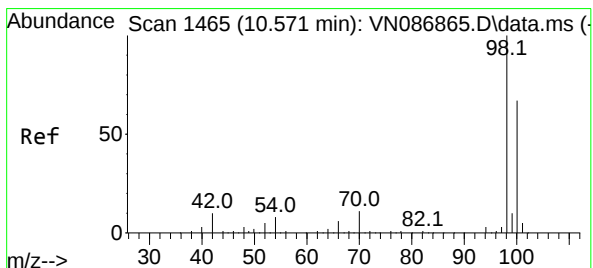
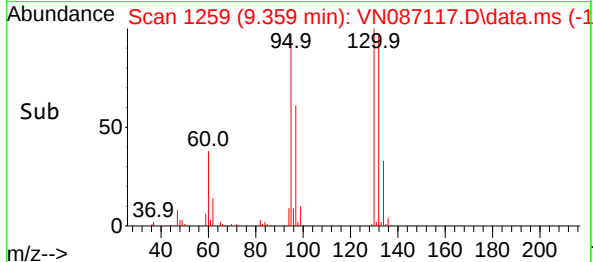
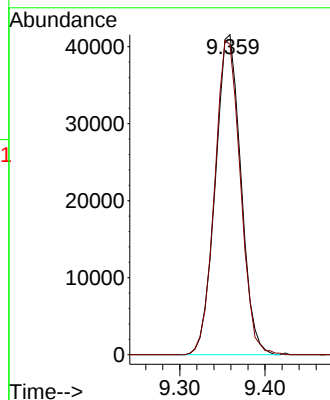
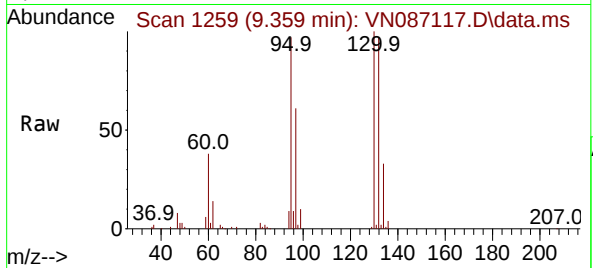




#44
Trichloroethene
Concen: 36.446 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

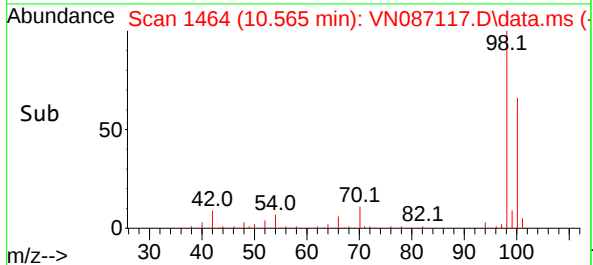
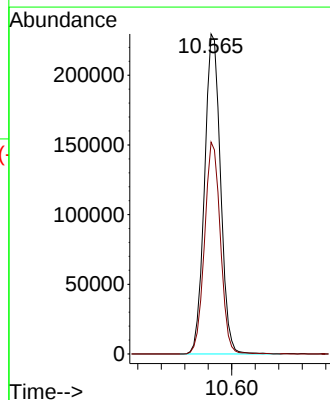
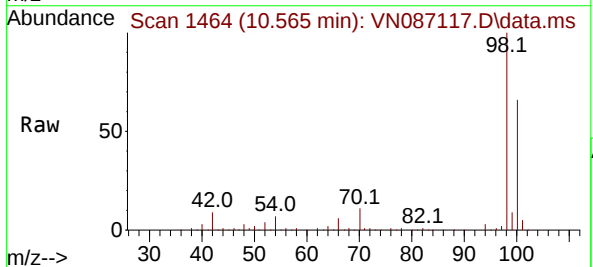
Instrument :
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TT172S1-20250613

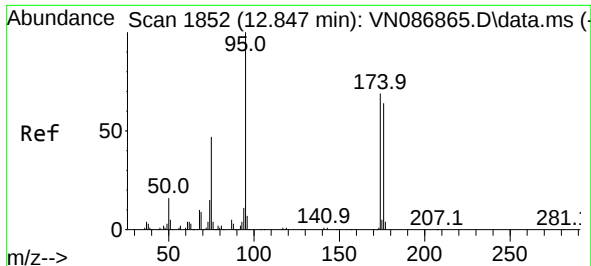
Tgt Ion:130 Resp: 86736
Ion Ratio Lower Upper
130 100
95 97.0 0.0 196.2



#50
Toluene-d8
Concen: 53.135 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 98 Resp: 433267
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

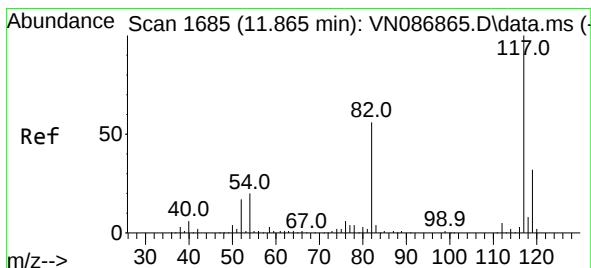
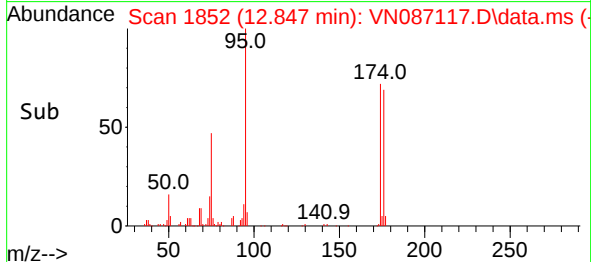
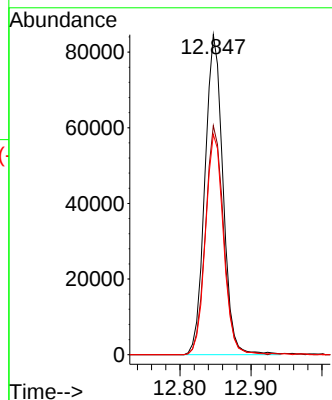
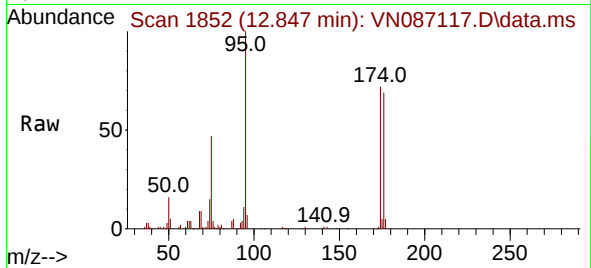




#62
4-Bromofluorobenzene
Concen: 49.346 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

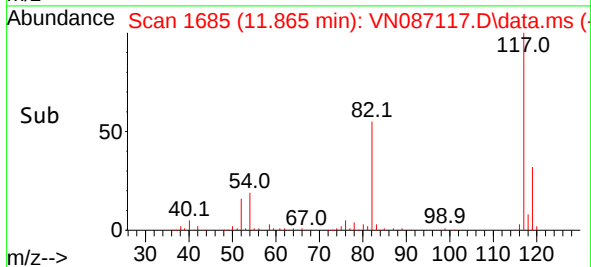
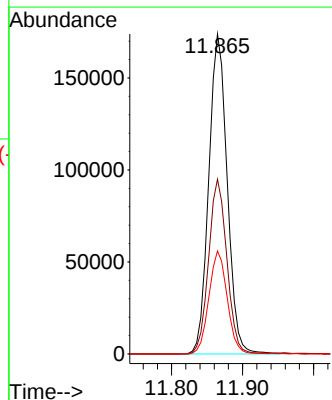
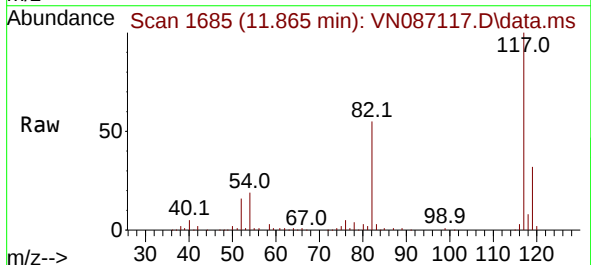
Instrument :
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ClientSampleId :
TT172S1-20250613

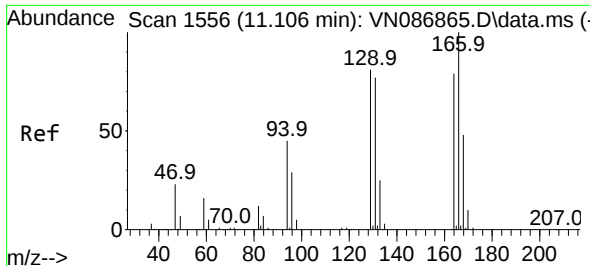
Tgt Ion: 95 Resp: 149492
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 68.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 117 Resp: 313987
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.2 25.5 38.3



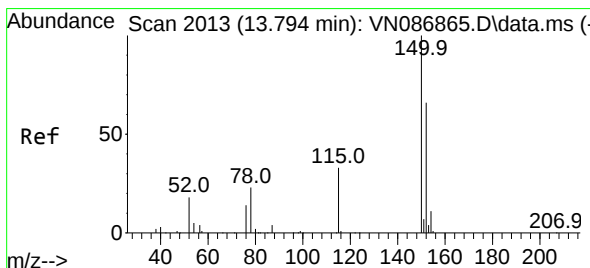
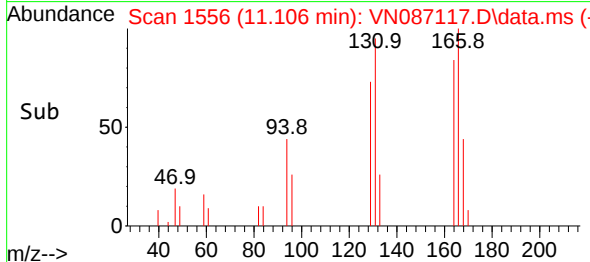
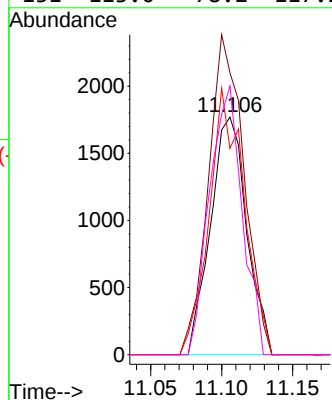
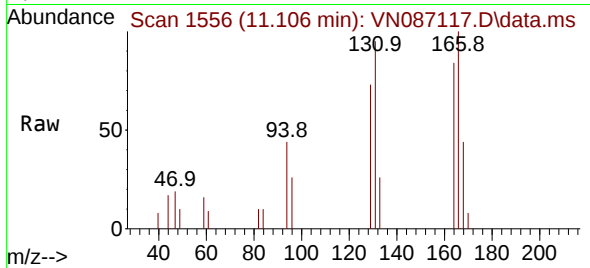


#64
Tetrachloroethene
Concen: 1.578 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613

Tgt Ion:164 Resp: 3135

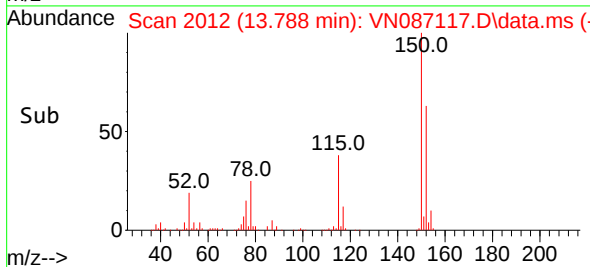
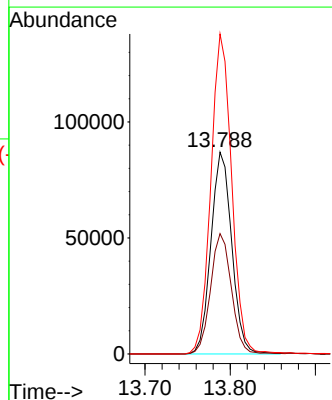
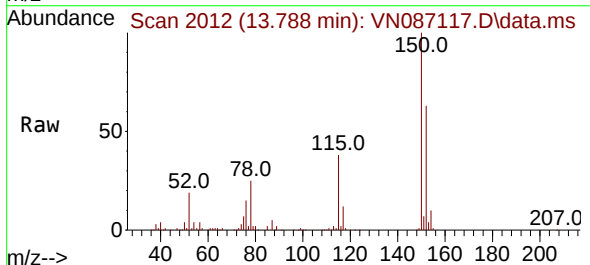
Ion	Ratio	Lower	Upper
164	100		
166	118.6	101.8	152.8
129	86.8	83.0	124.4
131	113.0	78.2	117.2

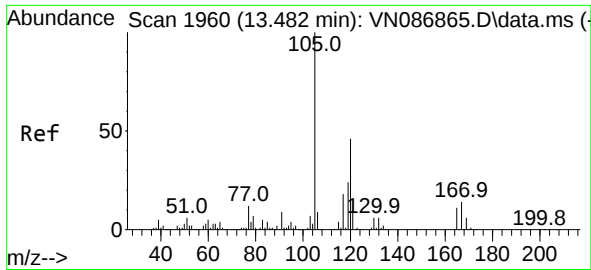


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087117.D
Acq: 19 Jun 2025 17:10

Tgt Ion:152 Resp: 147771

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.5
150	158.7	0.0	345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.357 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087117.D

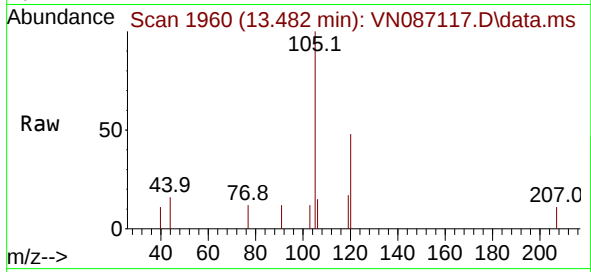
Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613



Tgt Ion:105 Resp: 3180

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6

