

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087025.D
 Acq On : 16 Jun 2025 13:04
 Operator : JC\MD
 Sample : Q2299-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20250609

Quant Time: Jun 17 07:21:59 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)

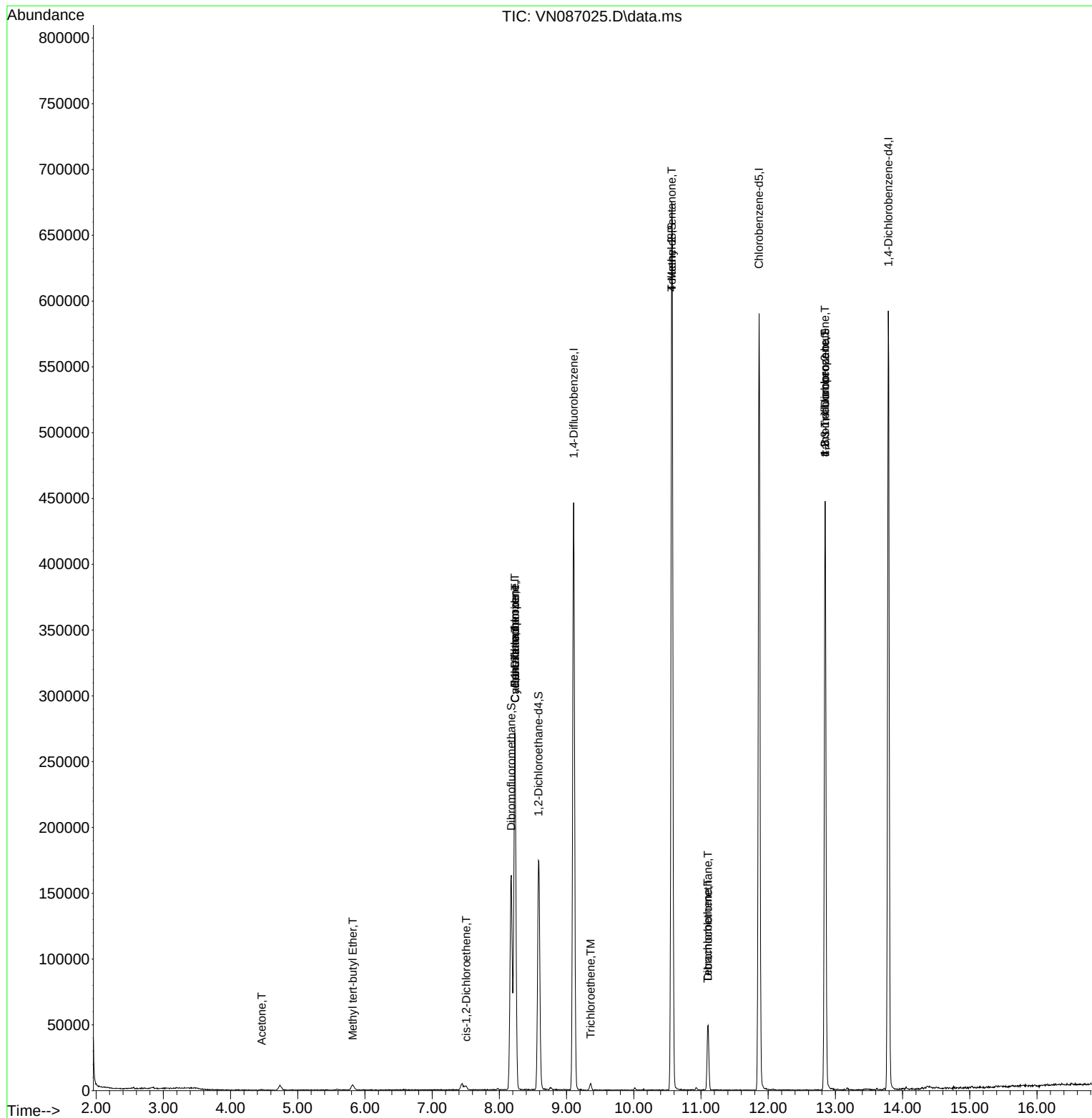
Internal Standards						
1) Pentafluorobenzene	8.230	168	213340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	416537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147282	51.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.120%			
35) Dibromofluoromethane	8.177	113	124568	50.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.565	98	509191	52.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.847	95	181353	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	954	0.630	ug/l #	40
19) Methyl tert-butyl Ether	5.818	73	6886	0.801	ug/l	95
27) cis-1,2-Dichloroethene	7.506	96	2363	0.748	ug/l	69
31) Cyclohexane	8.236	56	3830	0.827	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	16023	4.356	ug/l #	47
38) Carbon Tetrachloride	8.236	117	20473	5.669	ug/l #	17
44) Trichloroethene	9.359	130	1781	0.624	ug/l	90
51) 4-Methyl-2-Pentanone	10.565	43	1684	0.372	ug/l #	1
60) Dibromochloromethane	11.106	129	12755	4.328	ug/l #	11
64) Tetrachloroethene	11.100	164	12899	5.436	ug/l	96
76) 1,2,3-Trichloropropane	12.847	75	81932	19.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81932	45.117	ug/l #	16

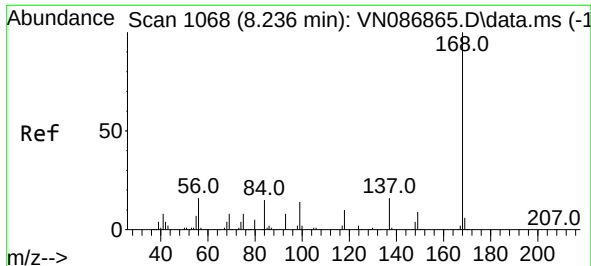
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

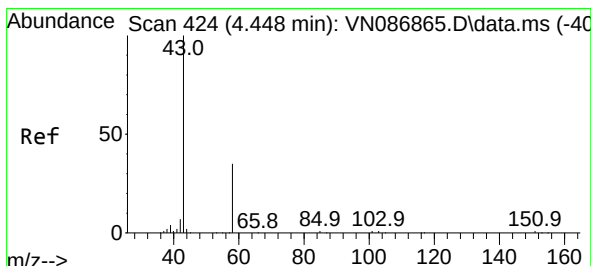
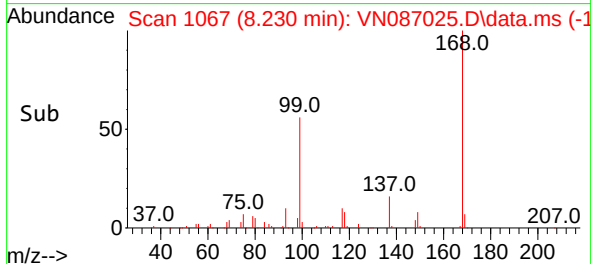
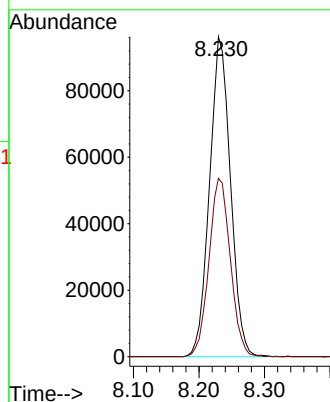
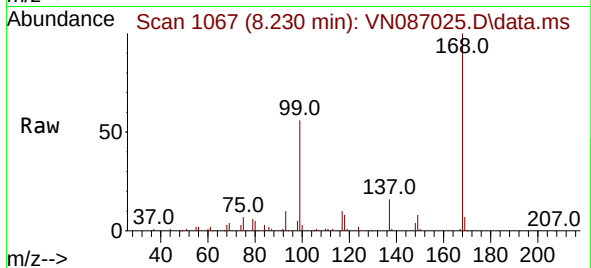




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

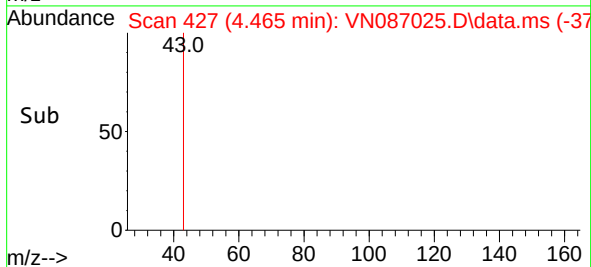
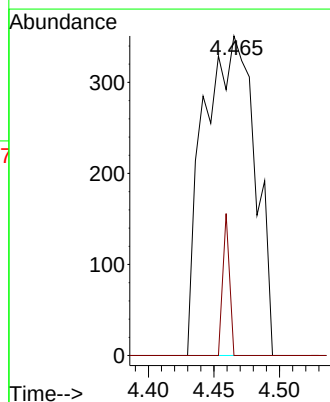
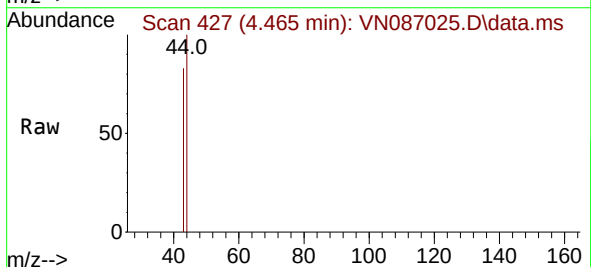
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

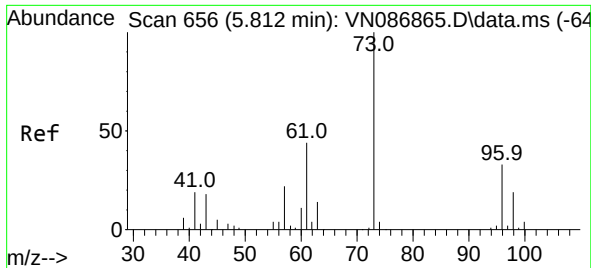
Tgt Ion:168 Resp: 213340
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#16
Acetone
Concen: 0.630 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

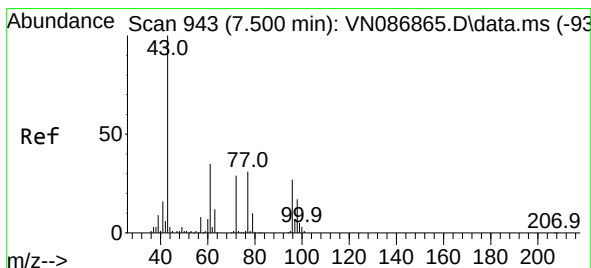
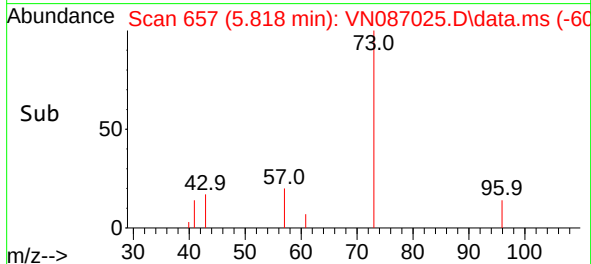
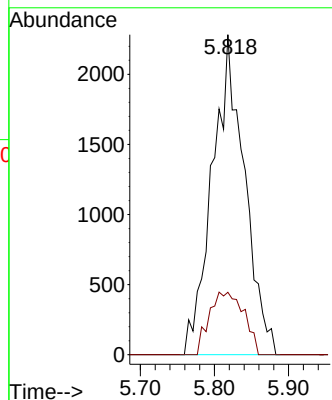
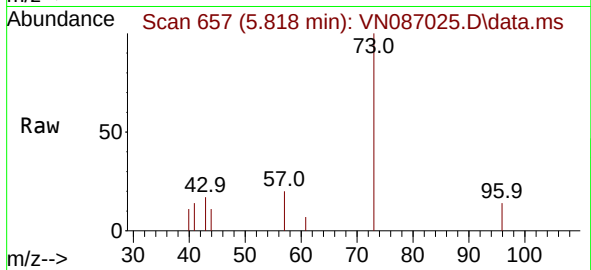




#19
Methyl tert-butyl Ether
Concen: 0.801 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

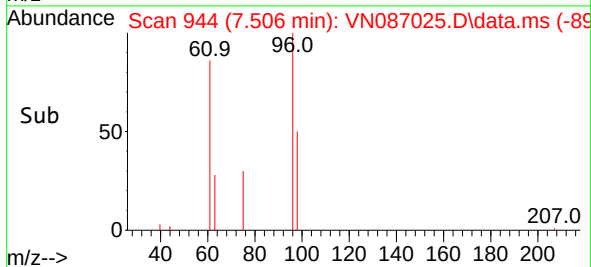
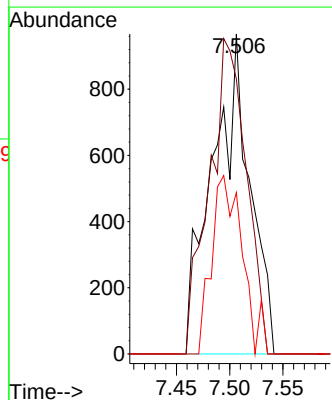
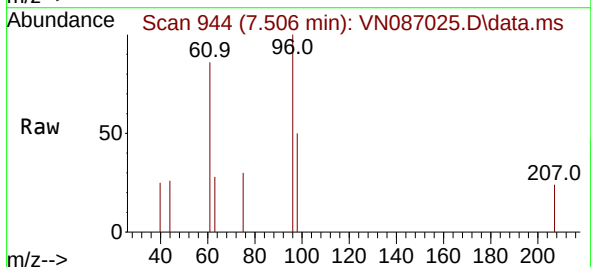
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

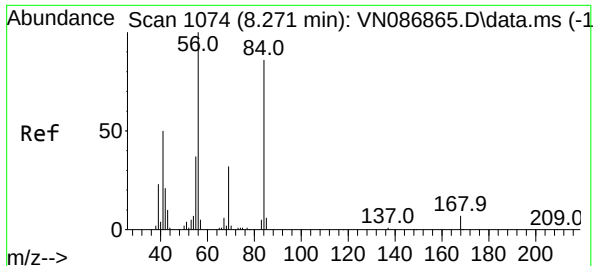
Tgt Ion: 73 Resp: 6886
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.2



#27
cis-1,2-Dichloroethene
Concen: 0.748 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 97.5 0.0 278.0
98 45.9 0.0 128.2

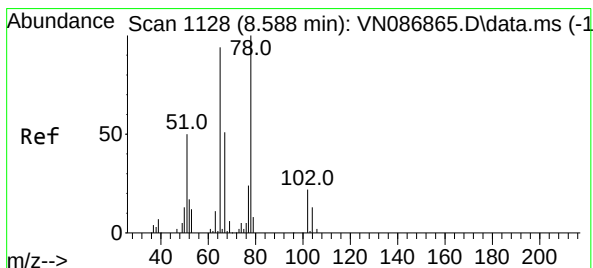
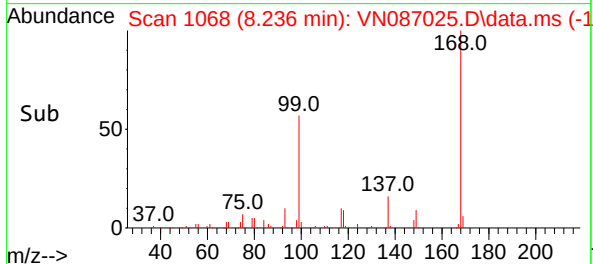
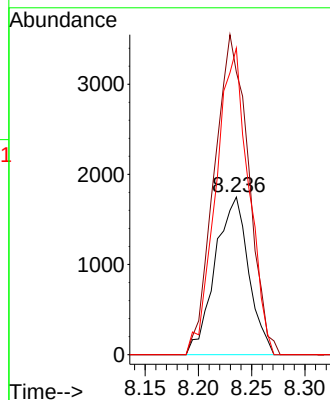
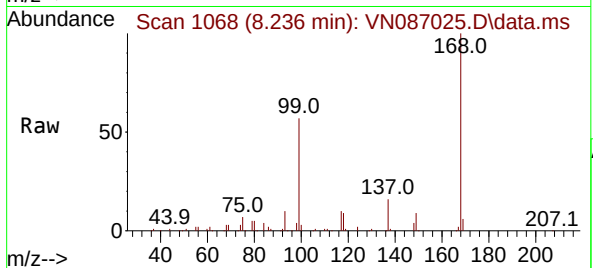




#31
Cyclohexane
Concen: 0.827 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

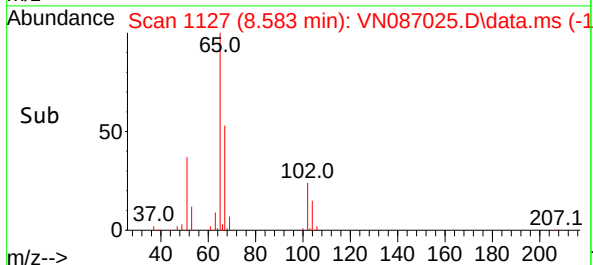
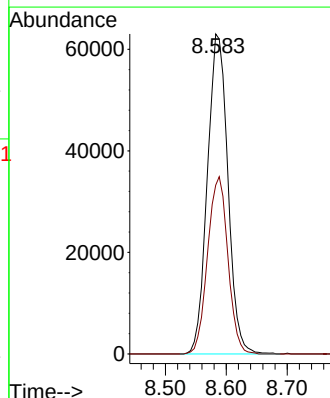
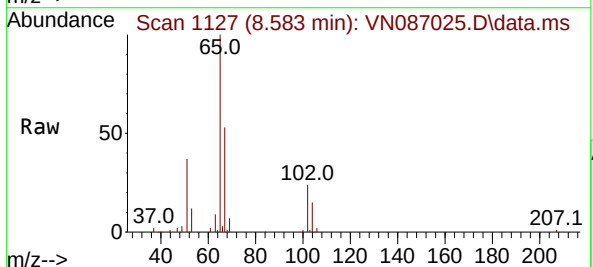
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

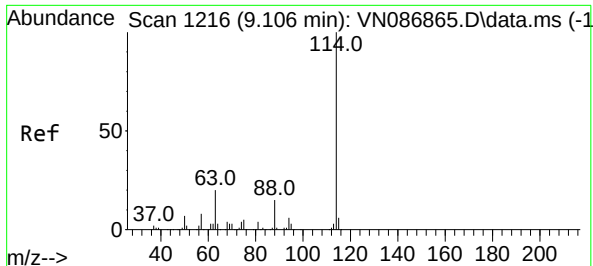
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 179.3 25.4 38.0#
84 194.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.562 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 65 Resp: 147282
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

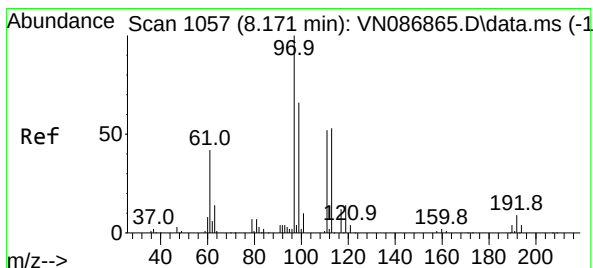
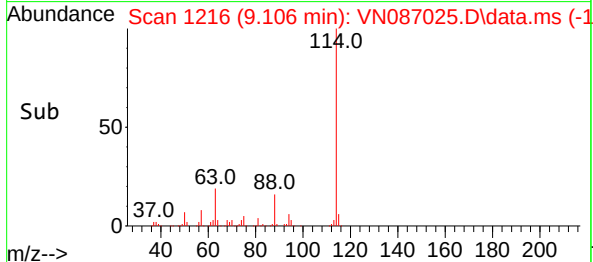
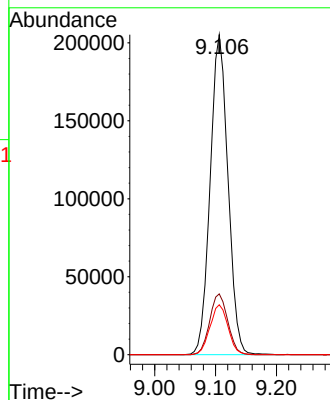
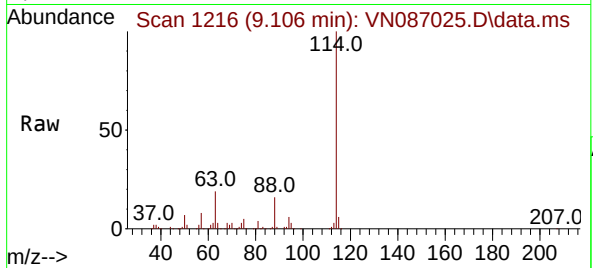




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

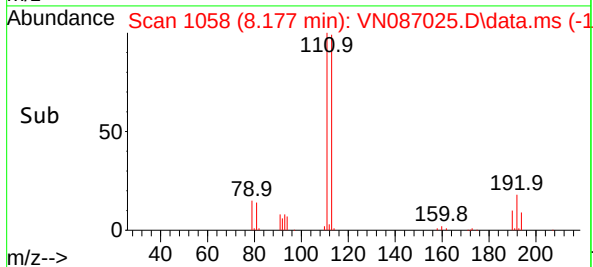
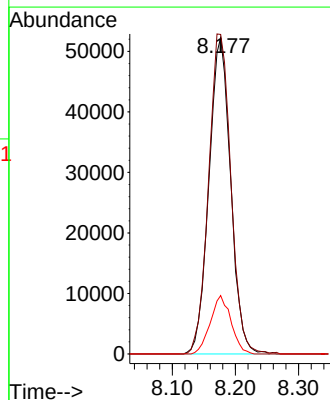
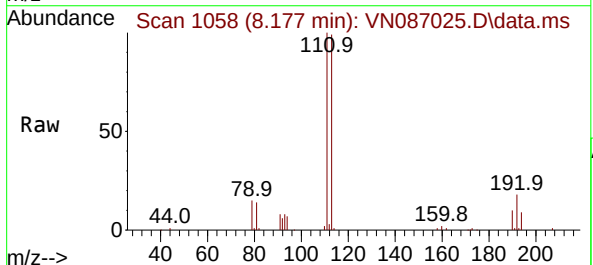
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

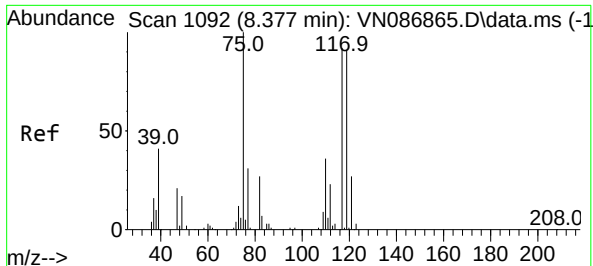
Tgt Ion:114 Resp: 416537
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 15.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion:113 Resp: 124568
Ion Ratio Lower Upper
113 100
111 103.8 84.2 126.2
192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.356 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087025.D

Acq: 16 Jun 2025 13:04

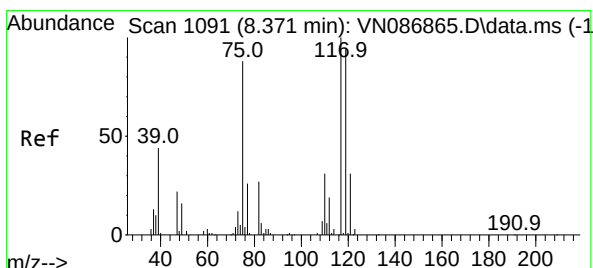
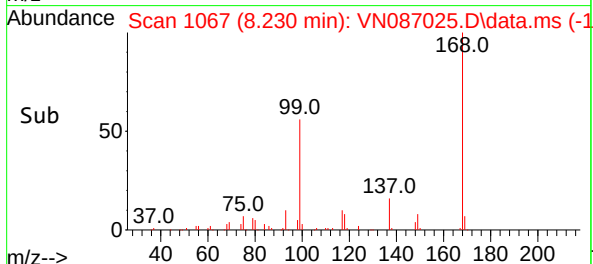
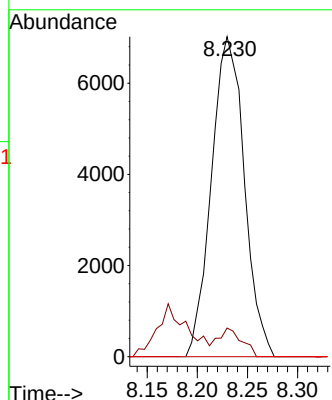
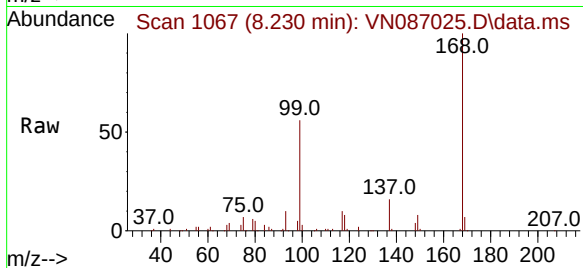
Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01S-20250609

Tgt Ion:	75	Resp:	16023
Ion	Ratio	Lower	Upper
75	100		
110	6.4	17.6	52.9#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.669 ug/l

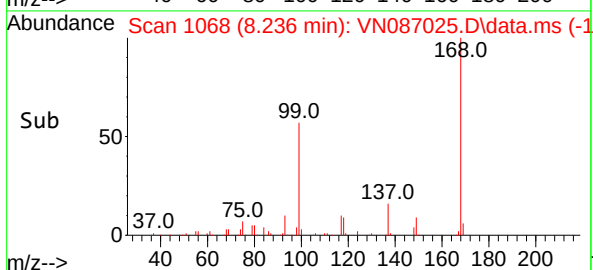
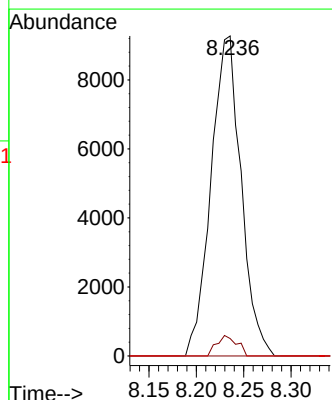
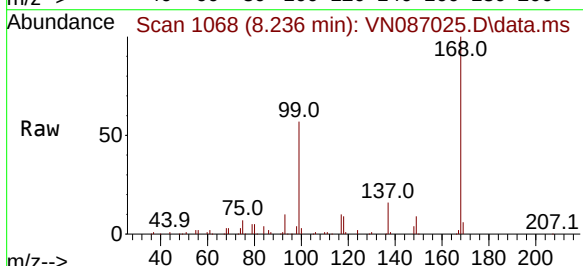
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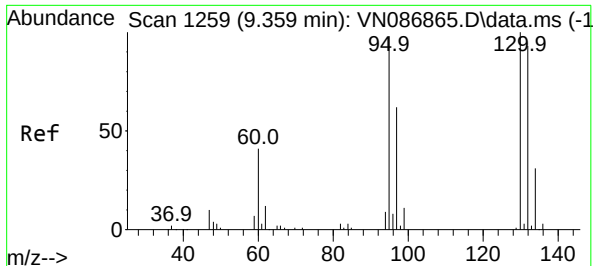
Delta R.T. -0.135 min

Lab File: VN087025.D

Acq: 16 Jun 2025 13:04

Tgt Ion:	117	Resp:	20473
Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.0	112.6#
121	0.0	24.9	37.3#

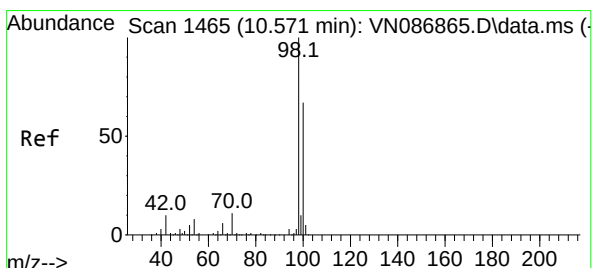
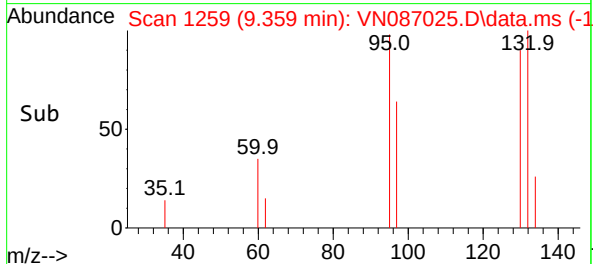
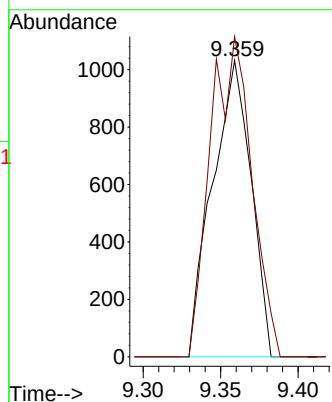
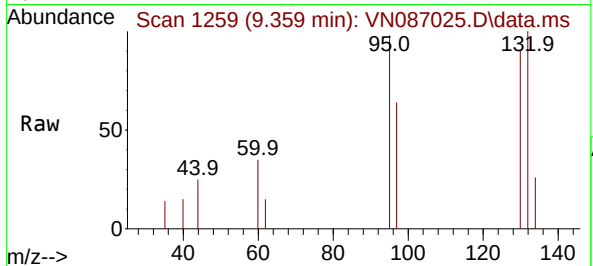




#44
Trichloroethene
Concen: 0.624 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

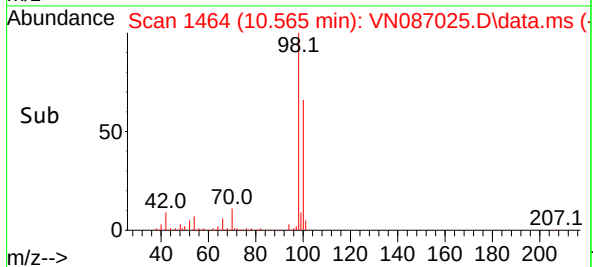
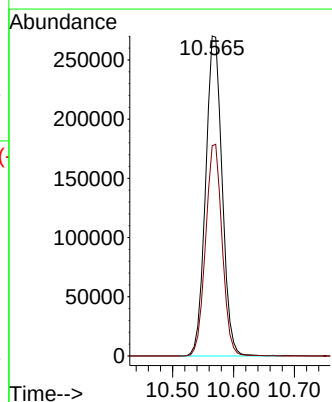
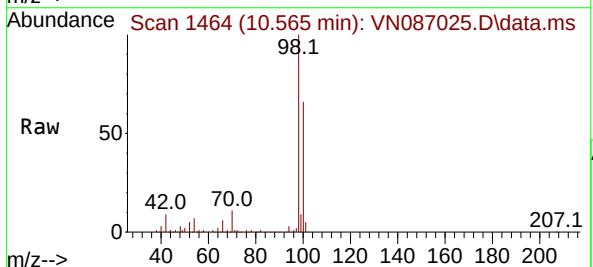
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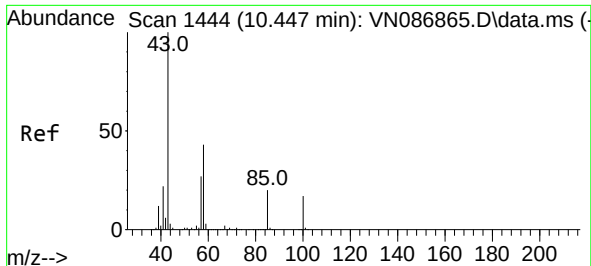
Tgt Ion:130 Resp: 1781
Ion Ratio Lower Upper
130 100
95 108.0 0.0 196.2



#50
Toluene-d8
Concen: 52.106 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 98 Resp: 509191
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.372 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.118 min

Lab File: VN087025.D

Acq: 16 Jun 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

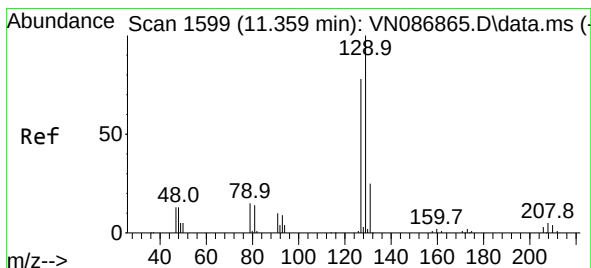
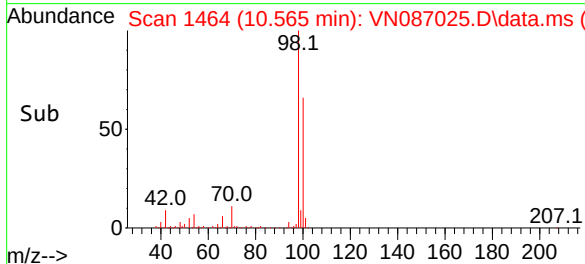
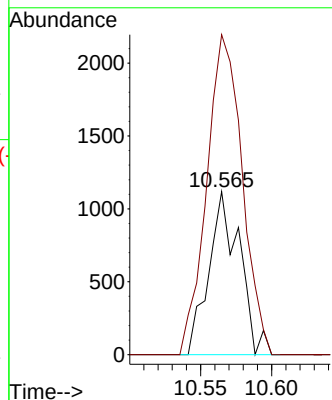
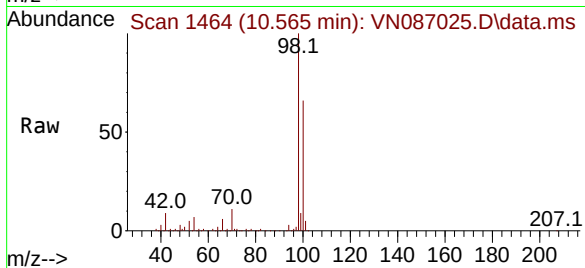
RW10-MW01S-20250609

Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 226.9 34.2 51.4#



#60

Dibromochloromethane

Concen: 4.328 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.253 min

Lab File: VN087025.D

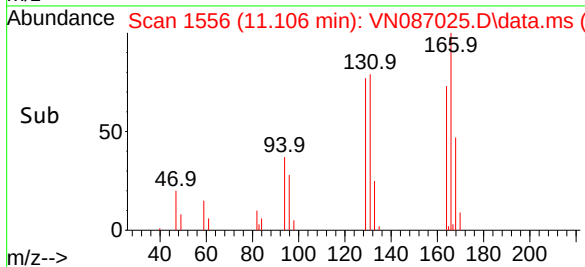
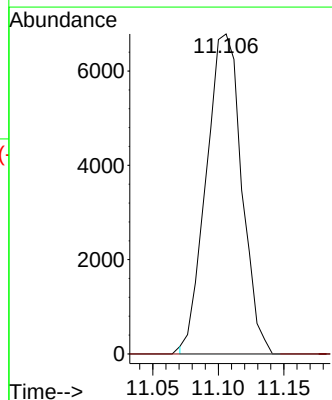
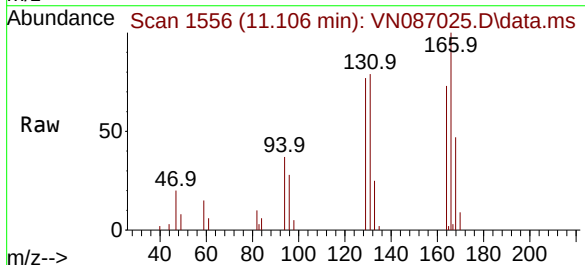
Acq: 16 Jun 2025 13:04

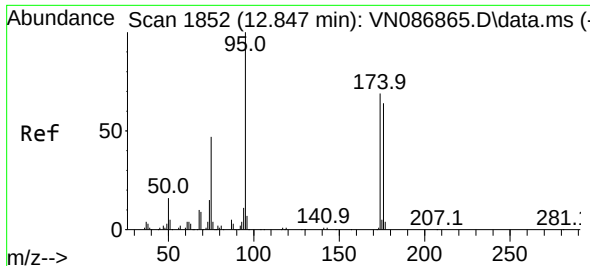
Tgt Ion: 129 Resp: 12755

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

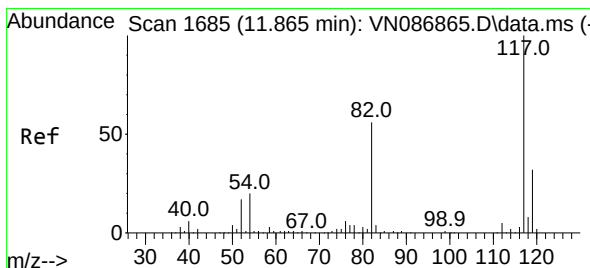
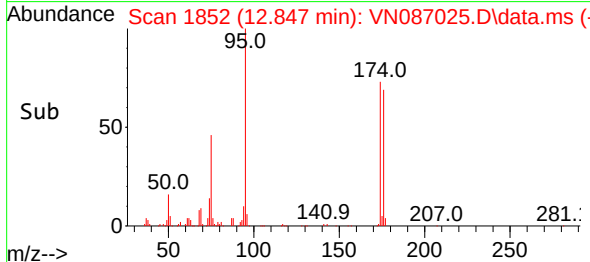
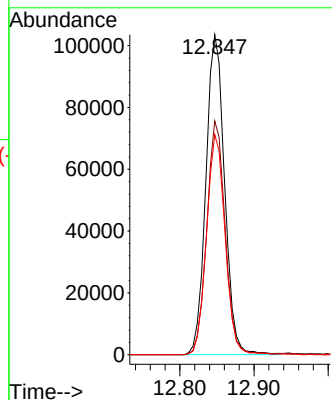
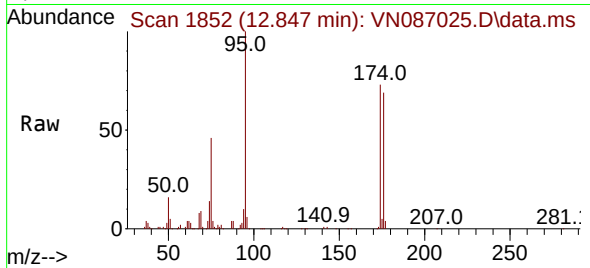




#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

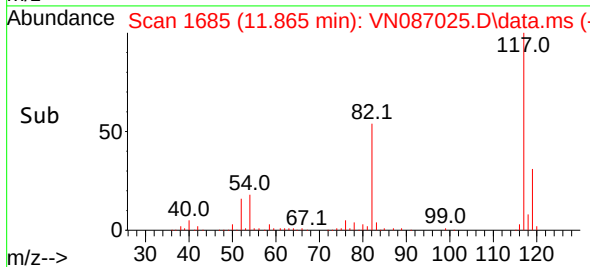
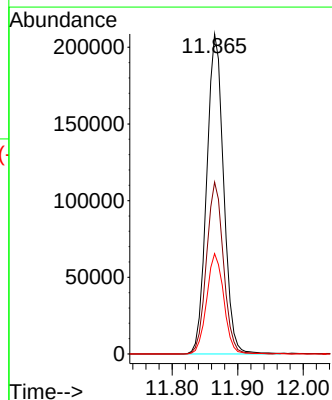
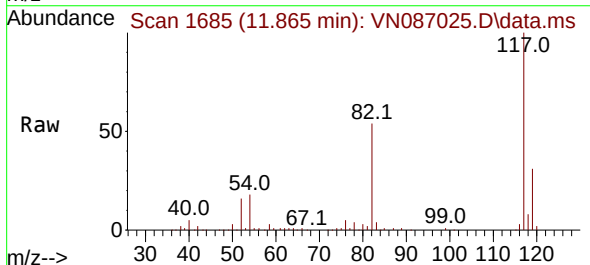
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

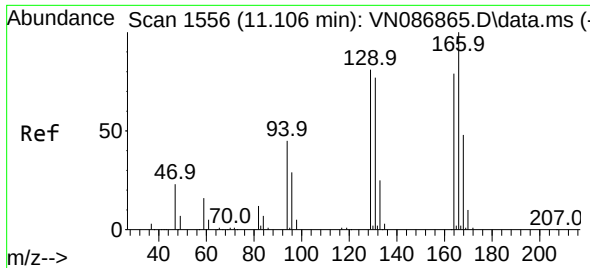
Tgt Ion: 95 Resp: 181353
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.8
176 68.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 117 Resp: 374911
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.4 25.5 38.3

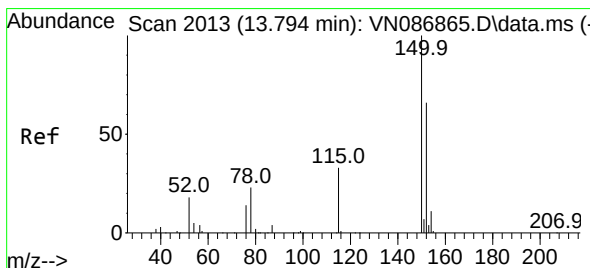
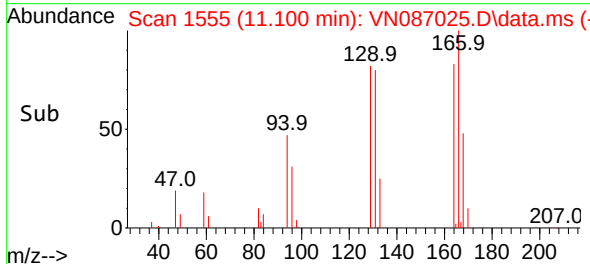
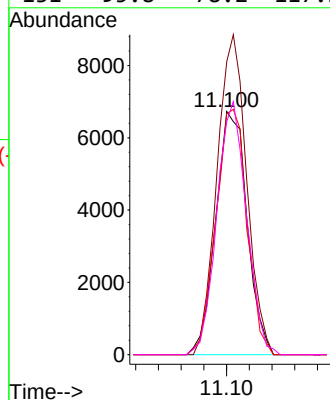
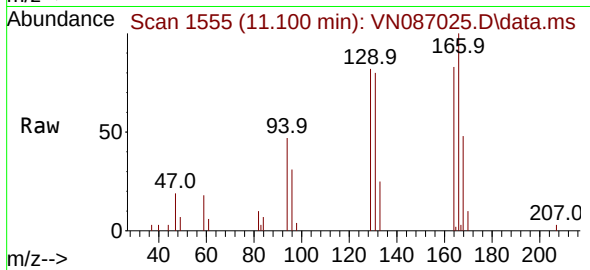




#64
Tetrachloroethene
Concen: 5.436 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

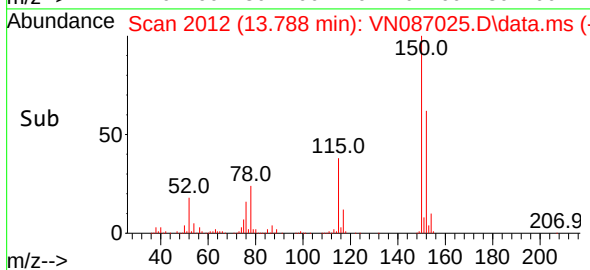
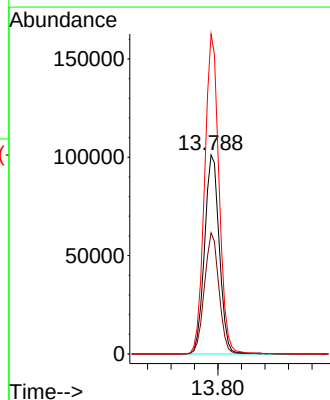
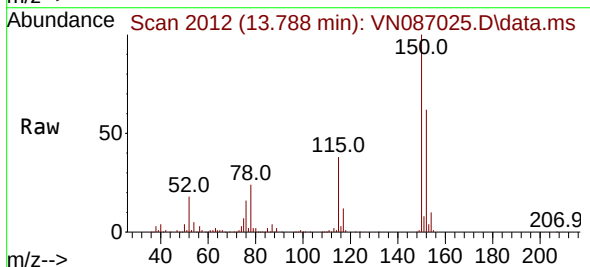
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

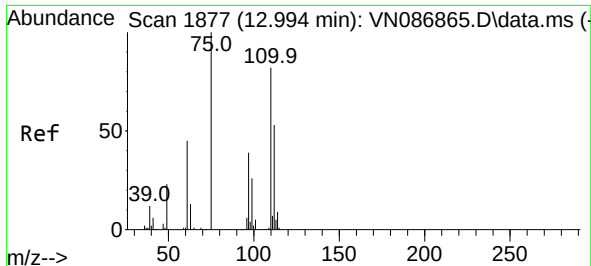
Tgt Ion:164	Resp:	12899
Ion Ratio	Lower	Upper
164	100	
166	120.5	101.8 152.8
129	99.1	83.0 124.4
131	95.8	78.2 117.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion:152	Resp:	175863
Ion Ratio	Lower	Upper
152	100	
115	59.8	30.1 90.5
150	157.2	0.0 345.0

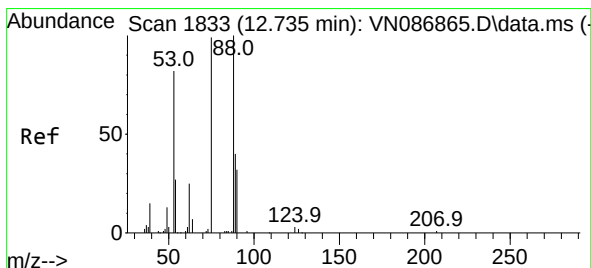
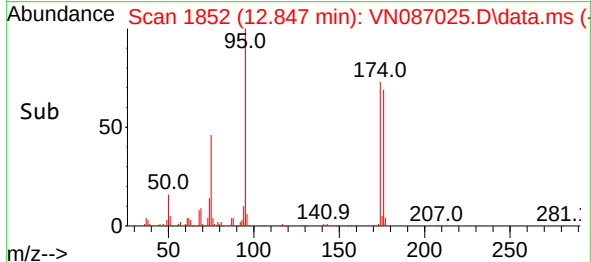
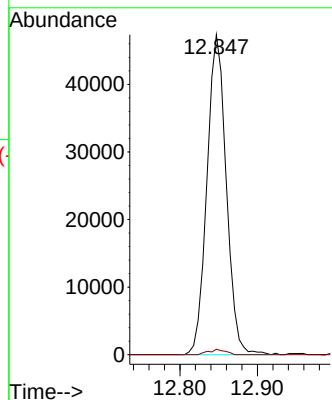
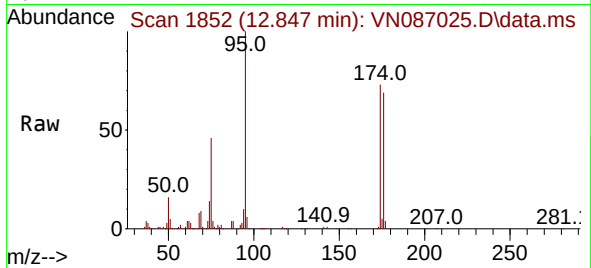




#76
1,2,3-Trichloropropane
Concen: 19.599 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20250609

Tgt Ion: 75 Resp: 81932
Ion Ratio Lower Upper
75 100
77 1.5 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.117 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087025.D
Acq: 16 Jun 2025 13:04

Tgt Ion: 75 Resp: 81932
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

