

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087064.D
 Acq On : 17 Jun 2025 16:51
 Operator : JC\MD
 Sample : Q2329-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT188S1-20250612

Quant Time: Jun 18 01:51:16 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)

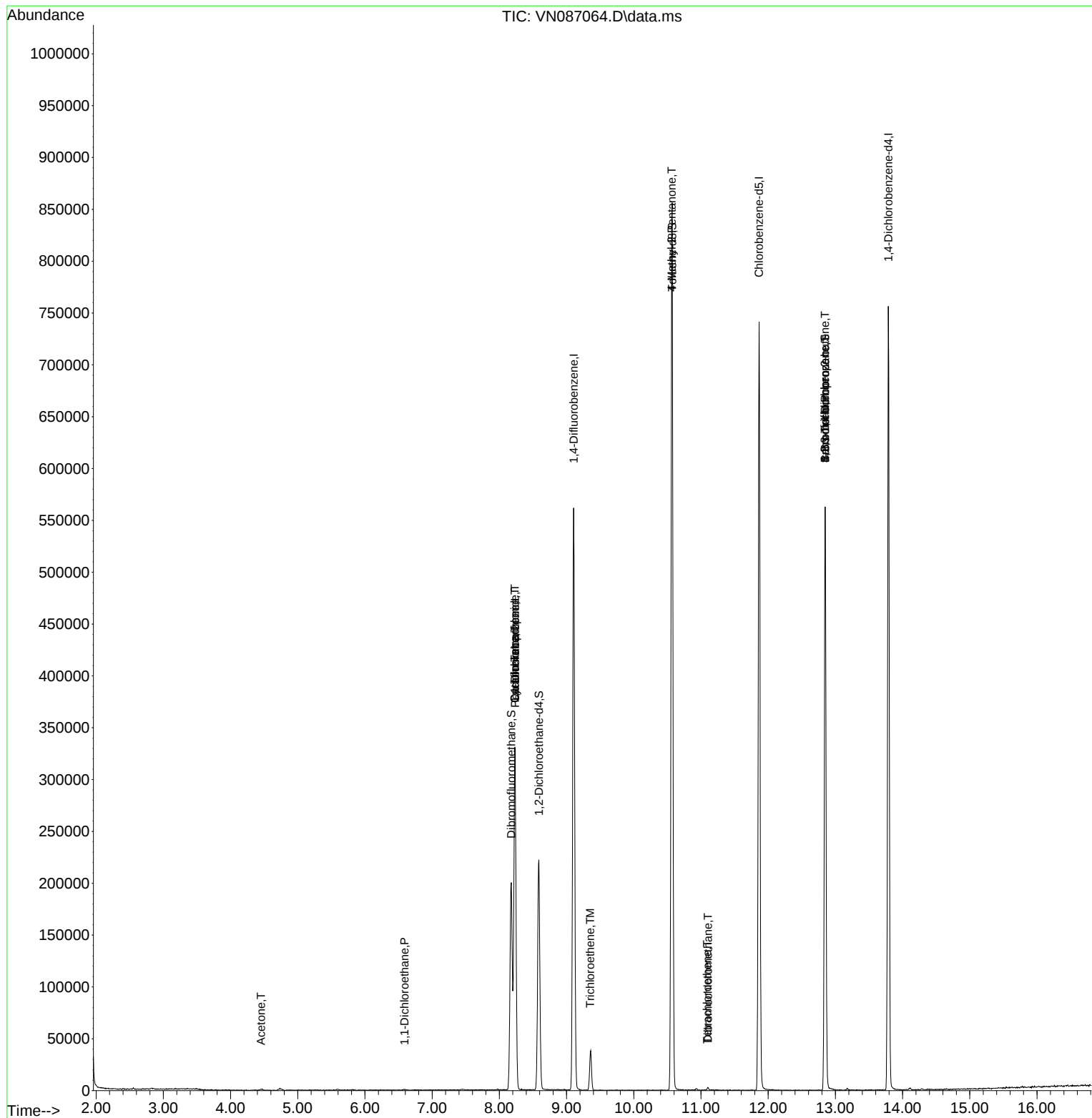
Internal Standards						
1) Pentafluorobenzene	8.235	168	262569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	472016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	222915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182650	51.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	8.177	113	157445	50.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.571	98	643870	52.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.847	95	227515	49.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.320%			
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	1951	1.047	ug/l #	73
24) 1,1-Dichloroethane	6.588	63	1191	0.203	ug/l #	81
31) Cyclohexane	8.230	56	4637	0.813	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	19316	4.162	ug/l #	48
38) Carbon Tetrachloride	8.230	117	25687	5.637	ug/l #	17
44) Trichloroethene	9.353	130	15452	4.294	ug/l	90
51) 4-Methyl-2-Pentanone	10.565	43	2181	0.382	ug/l #	1
60) Dibromochloromethane	11.106	129	758	0.204	ug/l #	11
64) Tetrachloroethene	11.094	164	776	0.260	ug/l #	67
71) Bromoform	12.847	173	1094	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	104852	19.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	104852	45.551	ug/l #	16

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

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TT188S1-20250612

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

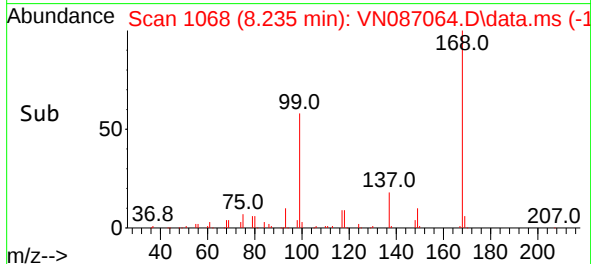
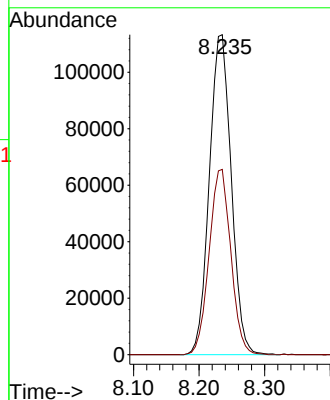
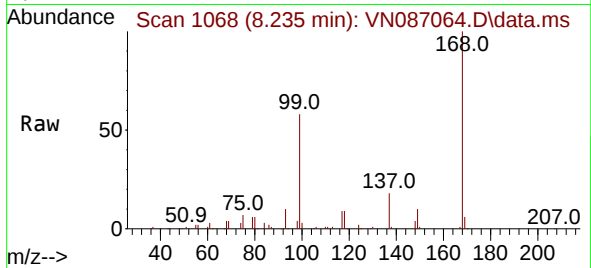




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

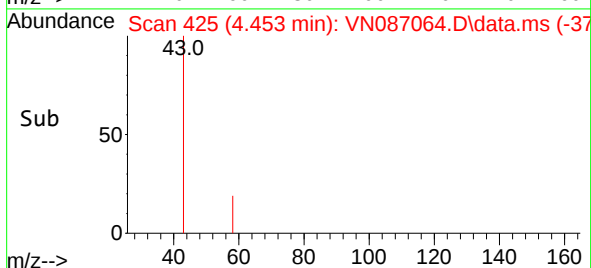
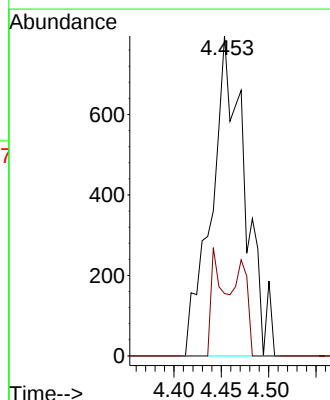
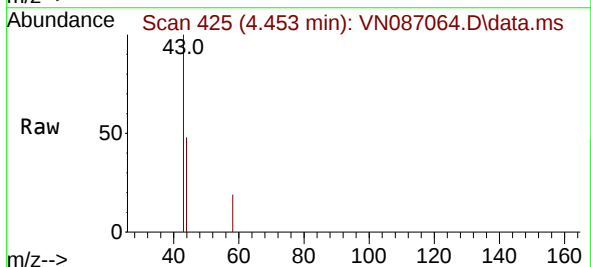
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

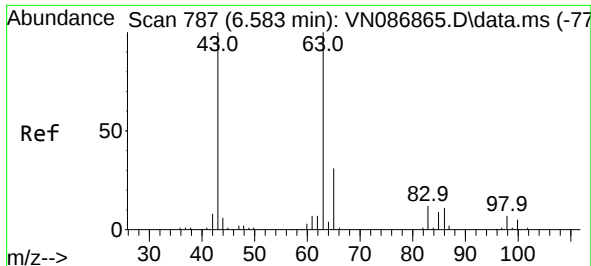
Tgt Ion:168 Resp: 262569
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#16
Acetone
Concen: 1.047 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
58 19.5 28.0 42.0#

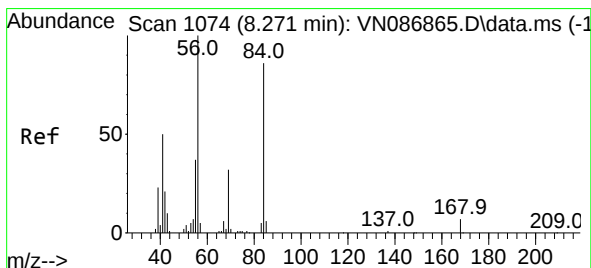
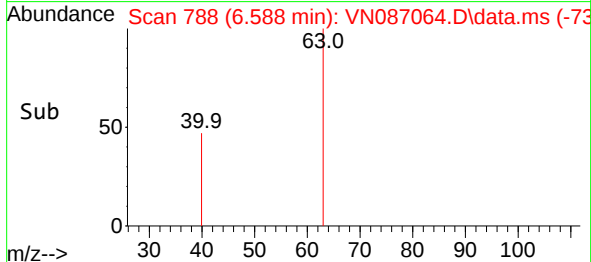
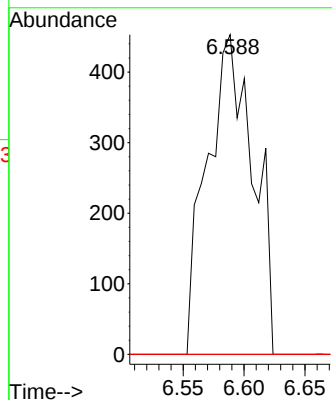
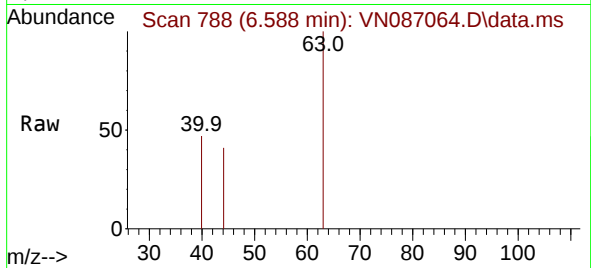




#24
1,1-Dichloroethane
Concen: 0.203 ug/l
RT: 6.588 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

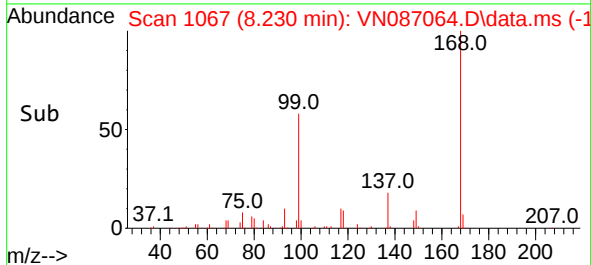
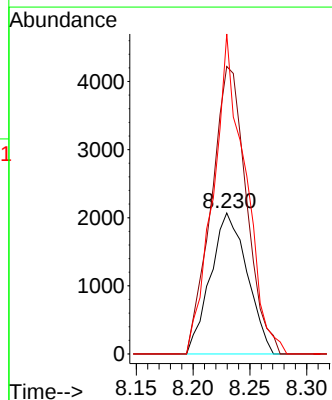
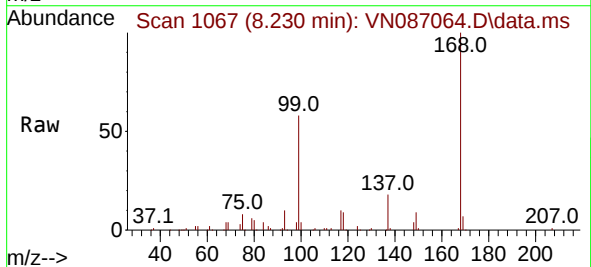
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

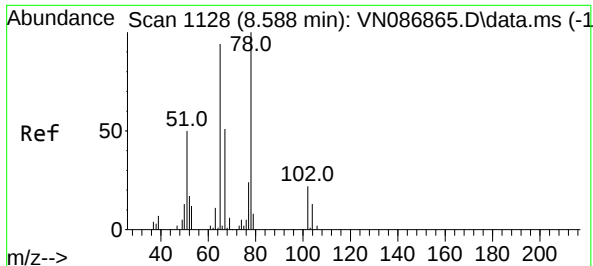
Tgt Ion: 63 Resp: 1191
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.6 7.8#



#31
Cyclohexane
Concen: 0.813 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 56 Resp: 4637
Ion Ratio Lower Upper
56 100
69 204.1 25.4 38.0#
84 227.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

Instrument :

MSVOA_N

ClientSampleId :

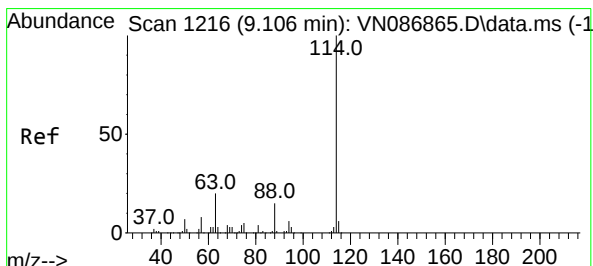
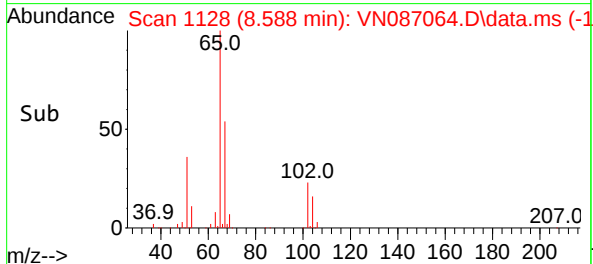
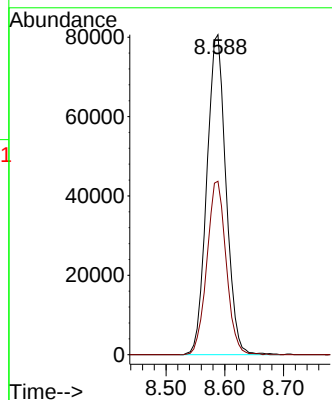
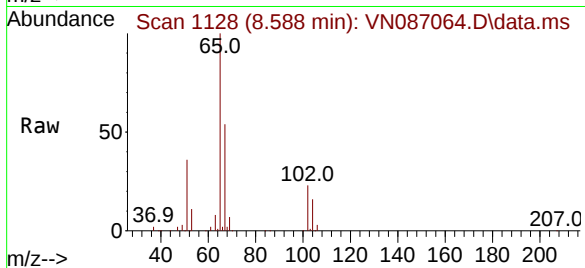
TT188S1-20250612

Tgt Ion: 65 Resp: 182650

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

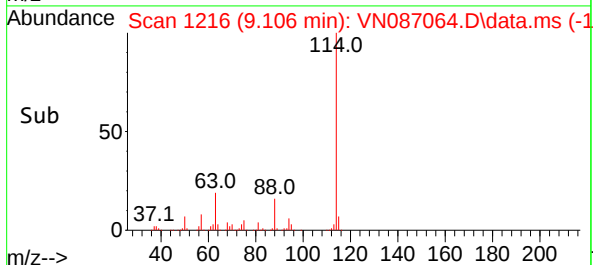
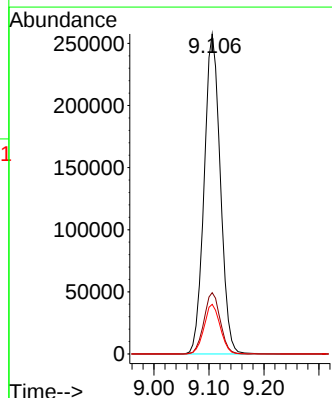
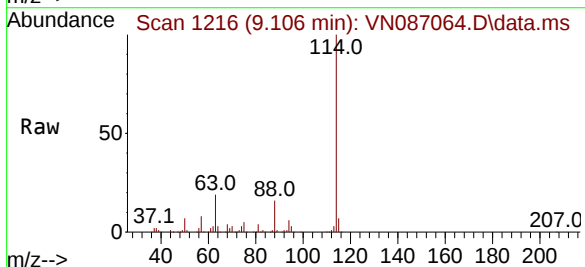
Tgt Ion: 114 Resp: 525578

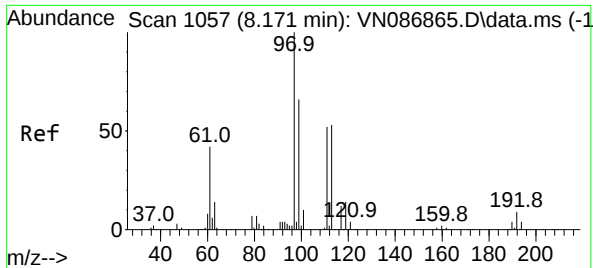
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.5 0.0 30.2

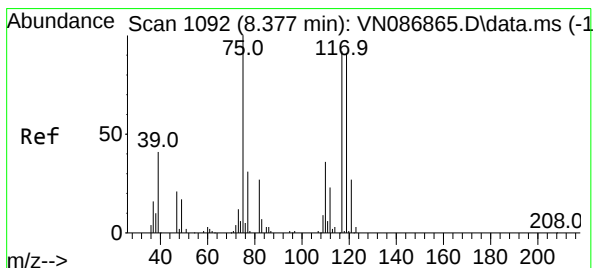
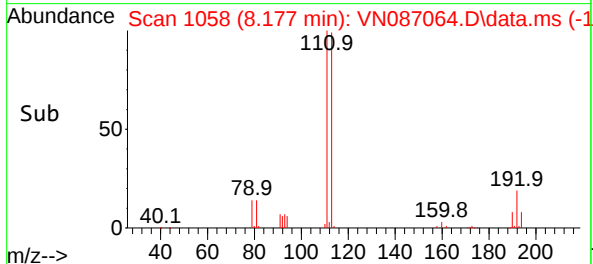
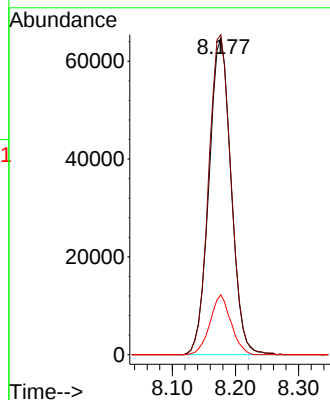
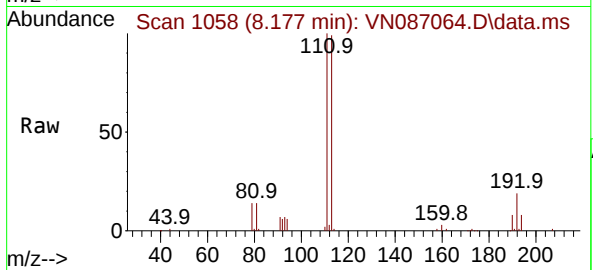




#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

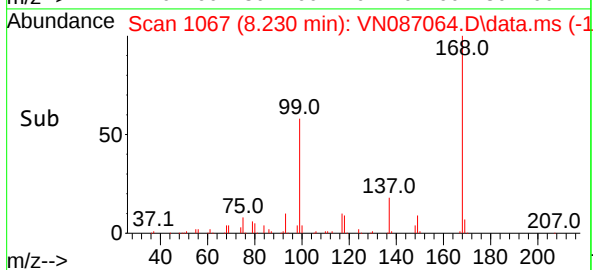
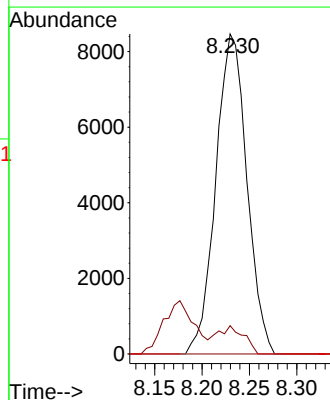
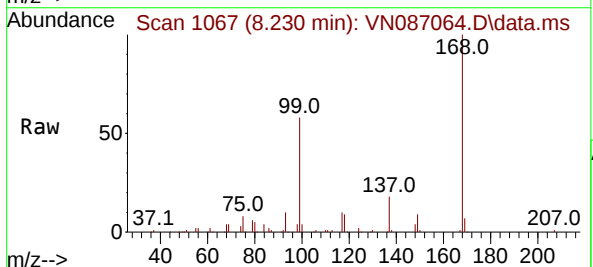
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

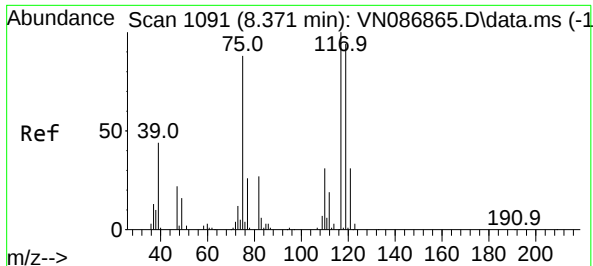
Tgt Ion:113 Resp: 157445
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 17.9 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.162 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 75 Resp: 19316
Ion Ratio Lower Upper
75 100
110 7.6 17.6 52.9#
77 0.0 25.3 37.9#

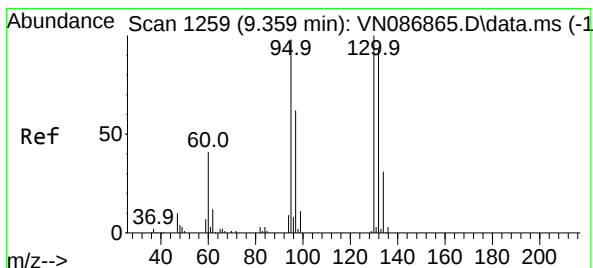
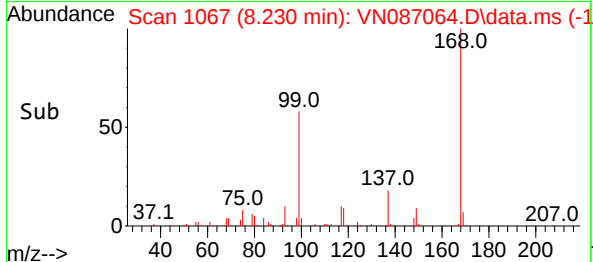
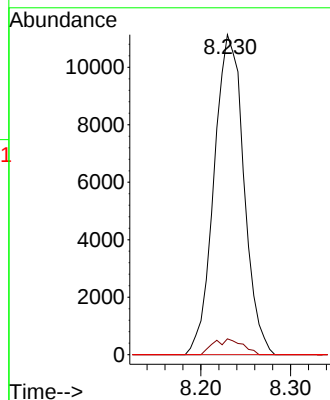
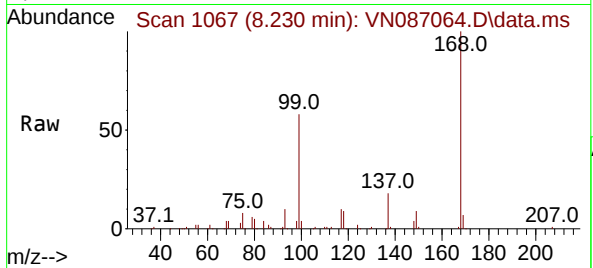




#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

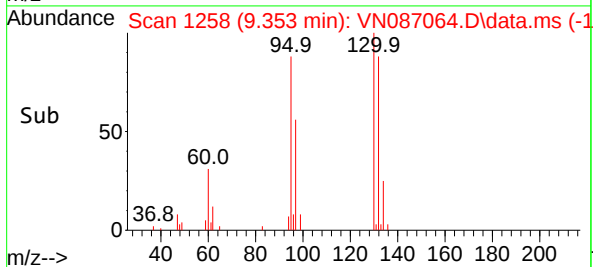
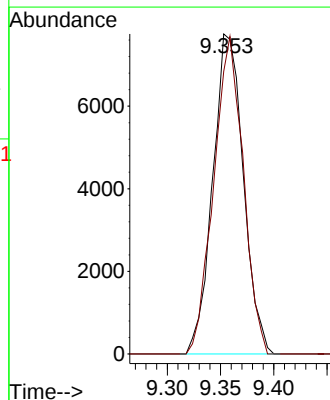
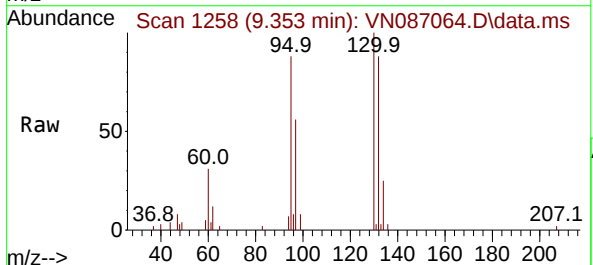
Instrument :
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ClientSampleId :
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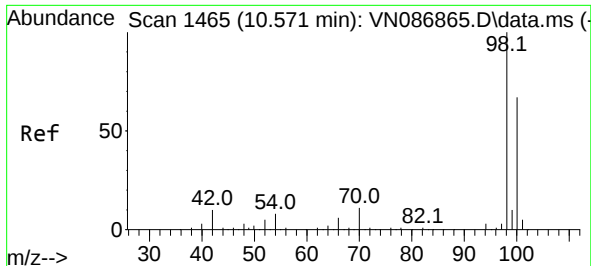
Tgt Ion:117 Resp: 25687
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 24.9 37.3#



#44
Trichloroethene
Concen: 4.294 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion:130 Resp: 15452
Ion Ratio Lower Upper
130 100
95 88.3 0.0 196.2

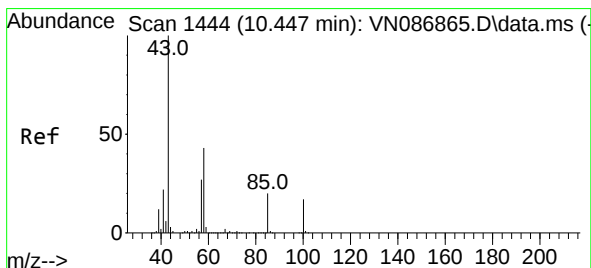
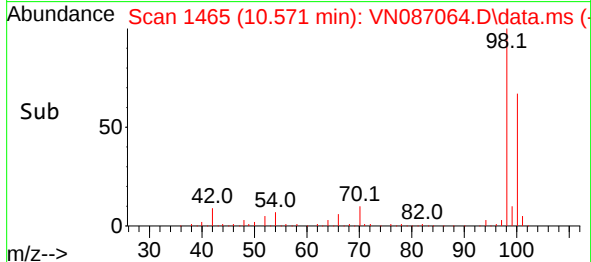
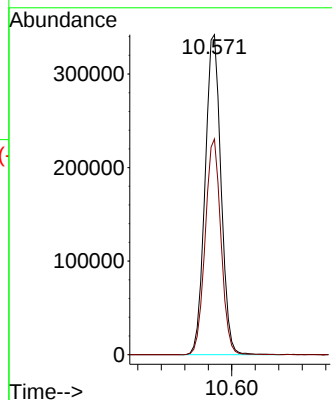
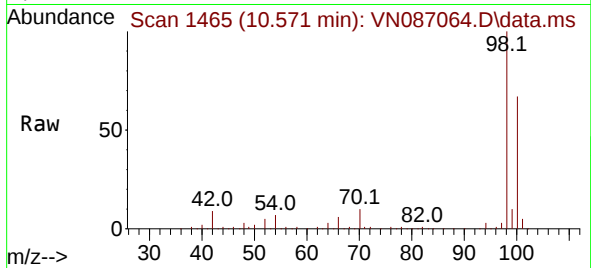




#50
Toluene-d8
Concen: 52.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

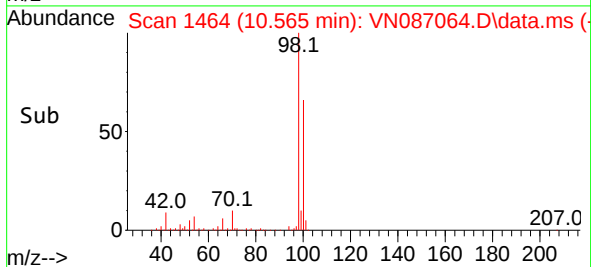
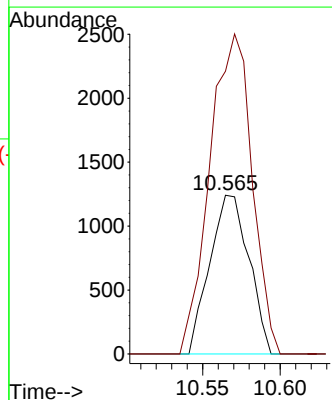
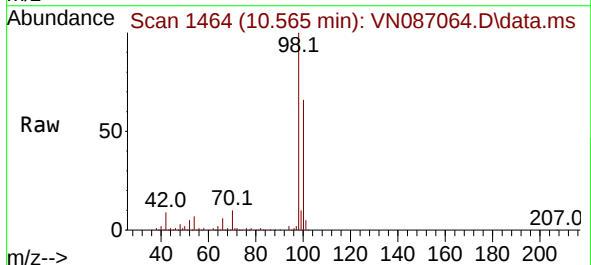
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TT188S1-20250612

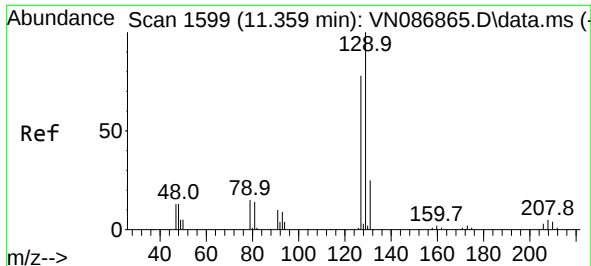
Tgt Ion: 98 Resp: 643870
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.382 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 218.0 34.2 51.4#

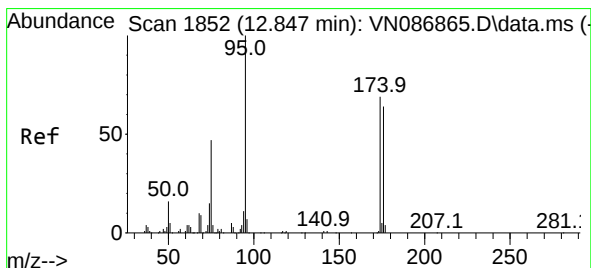
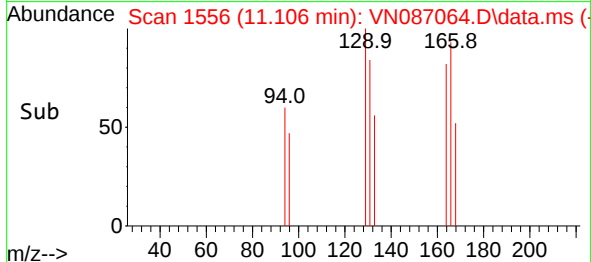
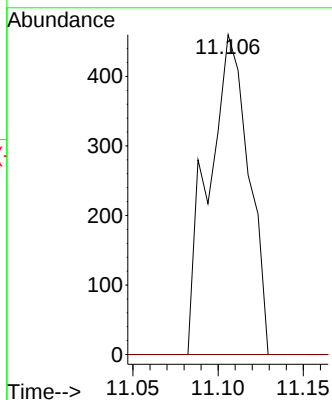
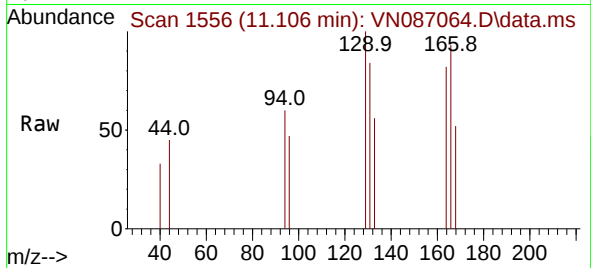




#60
Dibromochloromethane
Concen: 0.204 ug/l
RT: 11.106 min Scan# 1156
Delta R.T. -0.253 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

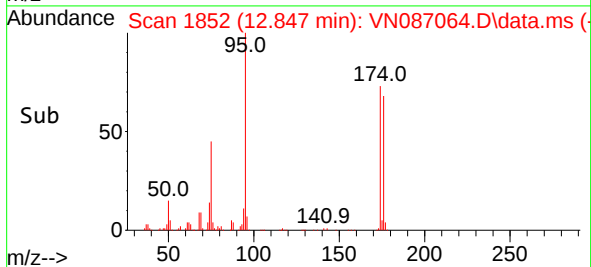
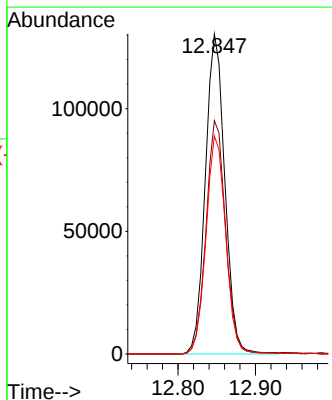
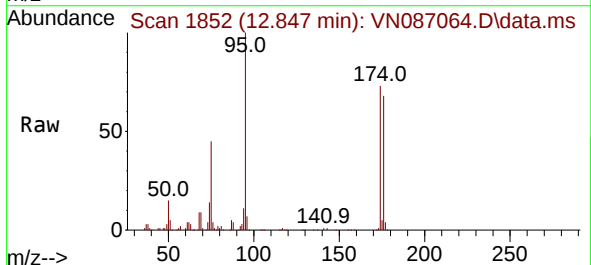
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

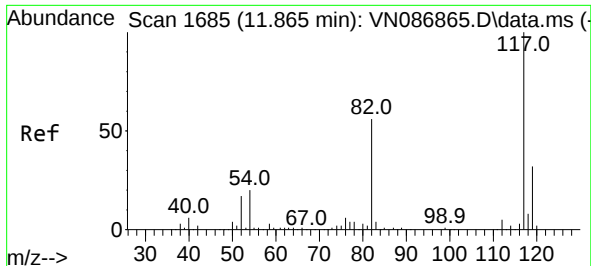
Tgt Ion:129 Resp: 758
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 95 Resp: 227515
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 68.9 0.0 132.6

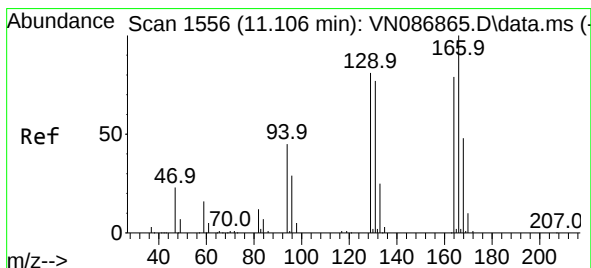
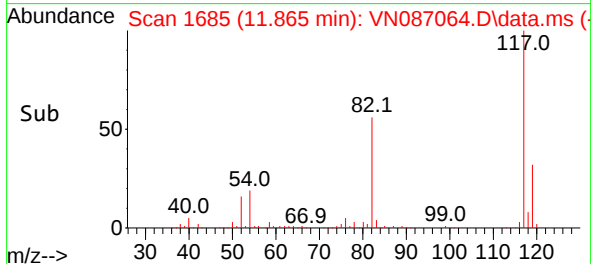
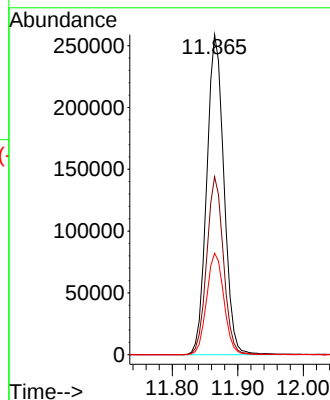
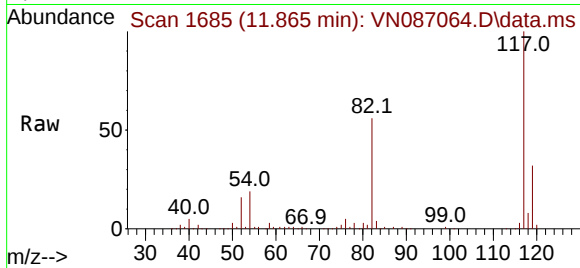




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

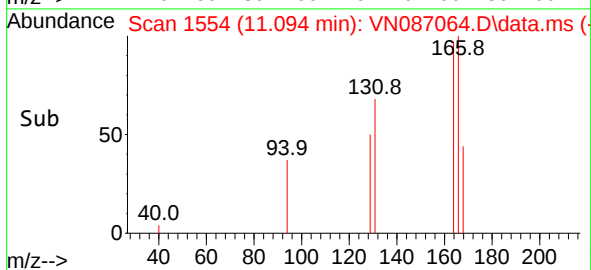
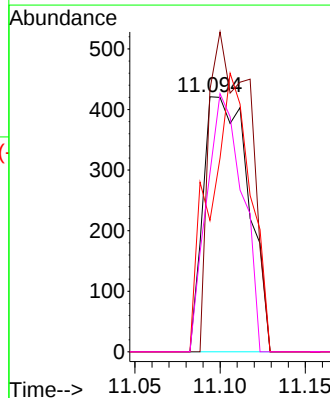
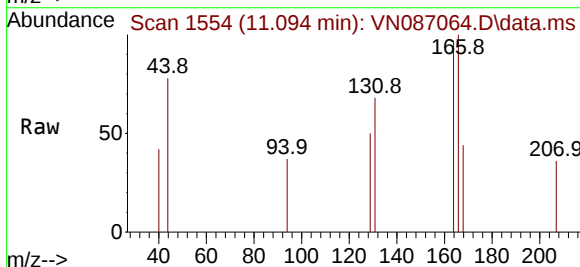
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

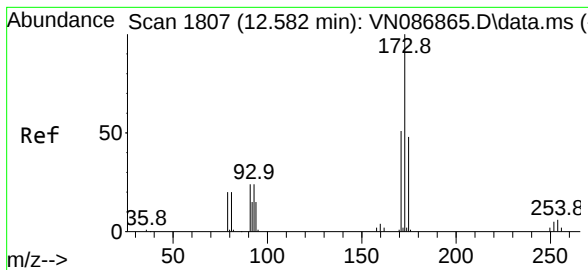
Tgt Ion:117 Resp: 472016
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.260 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.012 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion:164 Resp: 776
Ion Ratio Lower Upper
164 100
166 102.9 101.8 152.8
129 51.5 83.0 124.4#
131 70.1 78.2 117.2#





#71

Bromoform

Concen: 0.441 ug/l

RT: 12.847 min Scan# 1

Delta R.T. 0.265 min

Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

Instrument :

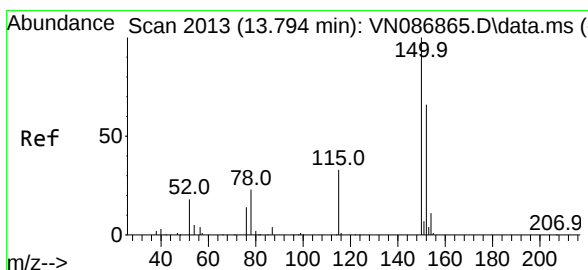
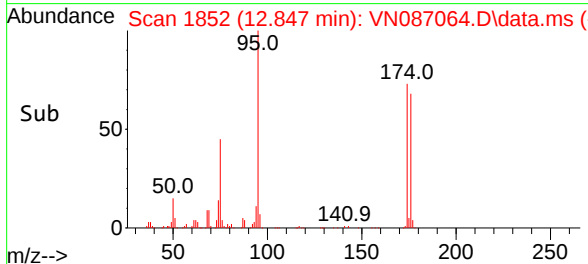
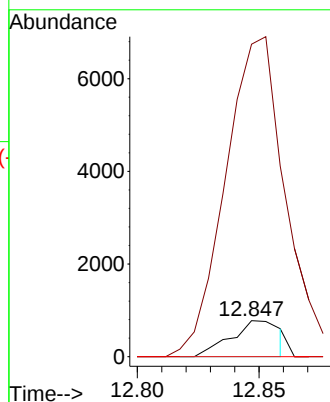
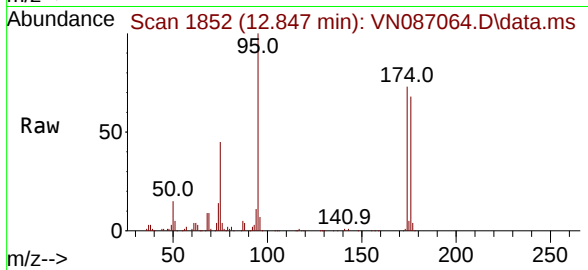
MSVOA_N

ClientSampleId :

TT188S1-20250612

Tgt Ion:173 Resp: 1094

Ion	Ratio	Lower	Upper
173	100		
175	943.1	24.1	72.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

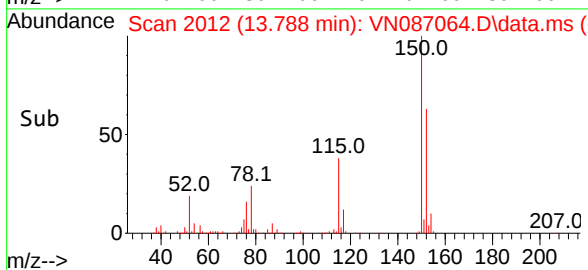
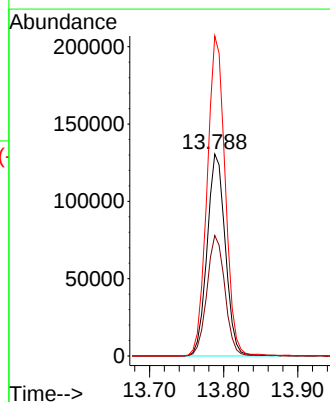
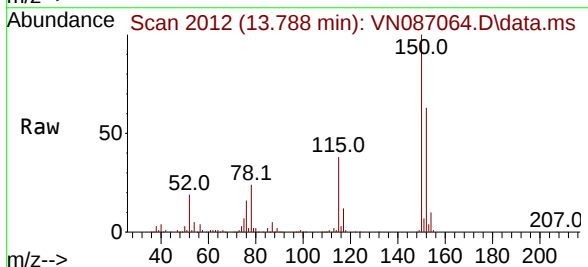
Delta R.T. -0.006 min

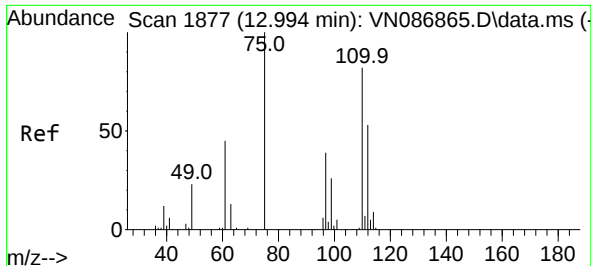
Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

Tgt Ion:152 Resp: 222915

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.1	90.5
150	157.1	0.0	345.0

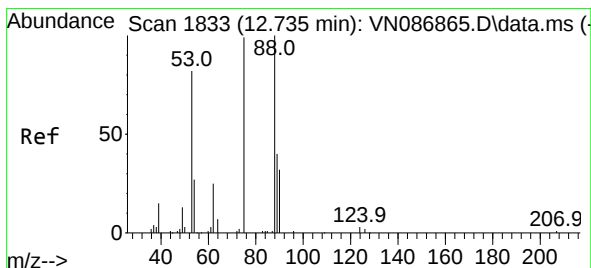
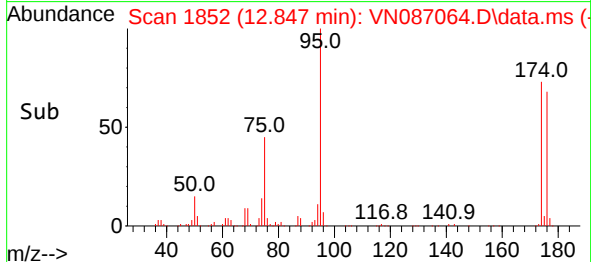
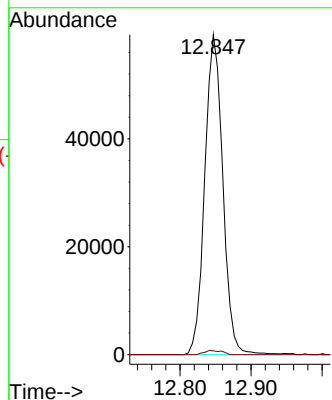
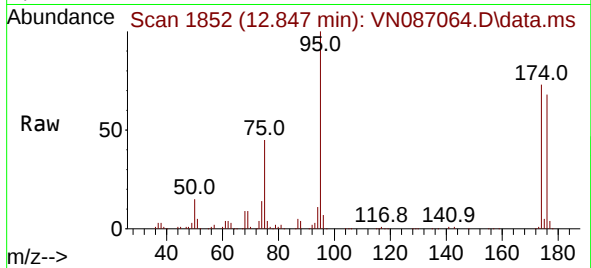




#76
1,2,3-Trichloropropane
Concen: 19.788 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

Tgt Ion: 75 Resp: 104852
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.551 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 75 Resp: 104852
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

