

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087067.D
 Acq On : 17 Jun 2025 17:56
 Operator : JC\MD
 Sample : Q2329-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20250613

Quant Time: Jun 18 01:52:19 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)

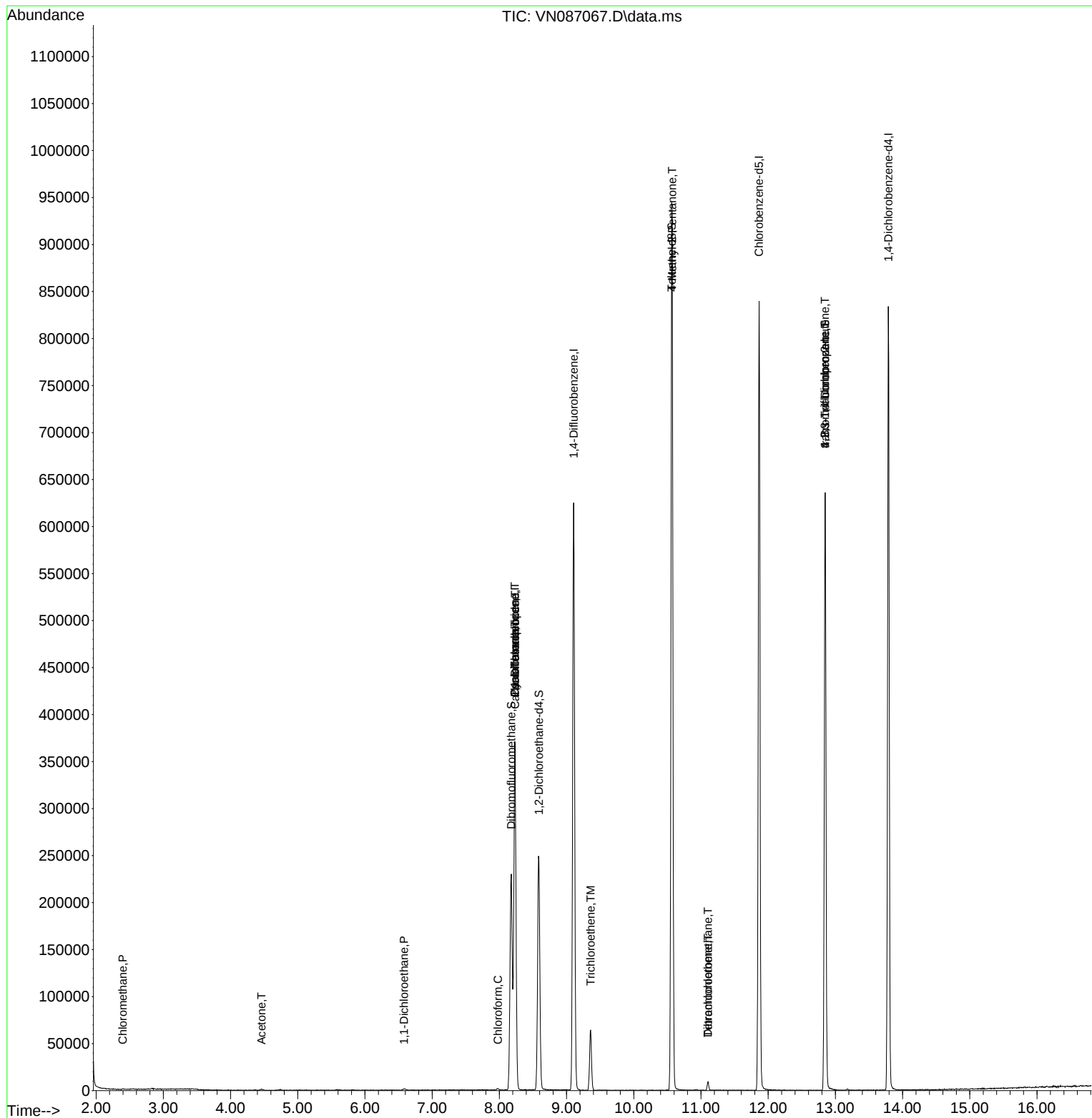
Internal Standards						
1) Pentafluorobenzene	8.230	168	290343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	526439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	248696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	206924	53.230	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.460%		
35) Dibromofluoromethane	8.177	113	176110	50.893	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.780%		
50) Toluene-d8	10.565	98	719327	52.511	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.020%		
62) 4-Bromofluorobenzene	12.847	95	255546	50.211	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.420%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.395	50	841	0.225	ug/l #	43
16) Acetone	4.459	43	2186	1.060	ug/l #	79
24) 1,1-Dichloroethane	6.583	63	2958	0.455	ug/l #	81
30) Chloroform	7.977	83	1904	0.293	ug/l	94
31) Cyclohexane	8.230	56	4916	0.780	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	22054	4.277	ug/l #	49
38) Carbon Tetrachloride	8.236	117	28331	5.597	ug/l #	16
44) Trichloroethene	9.359	130	25133	6.286	ug/l	97
51) 4-Methyl-2-Pentanone	10.571	43	2391	0.377	ug/l #	1
60) Dibromochloromethane	11.106	129	2140	0.518	ug/l #	11
64) Tetrachloroethene	11.106	164	2198	0.660	ug/l	86
76) 1,2,3-Trichloropropane	12.847	75	117057	19.801	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	117057	45.582	ug/l #	16

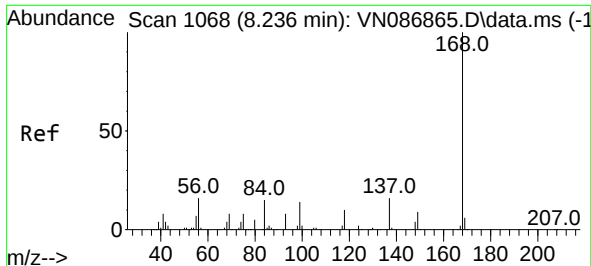
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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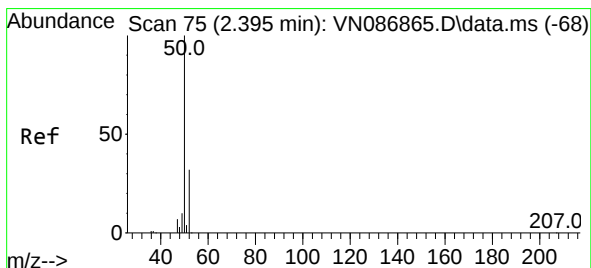
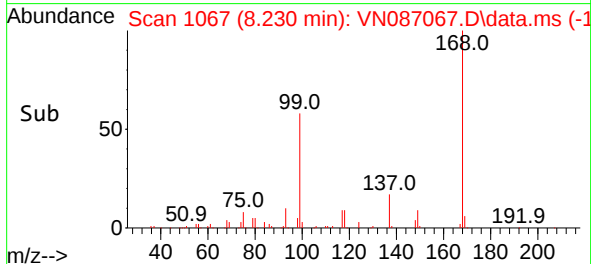
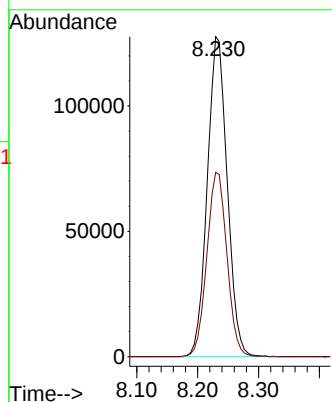
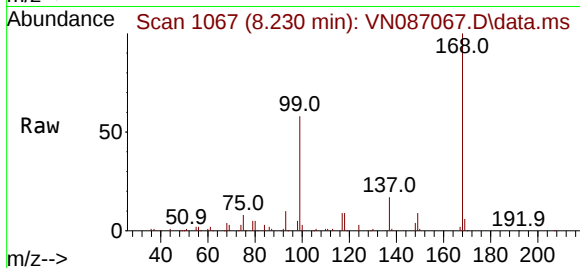




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

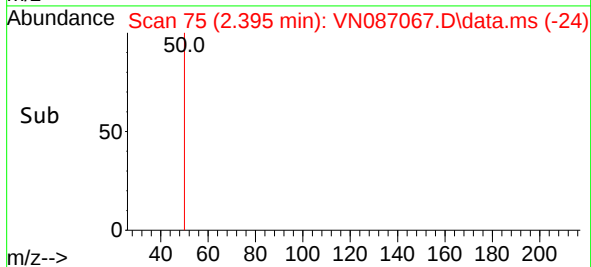
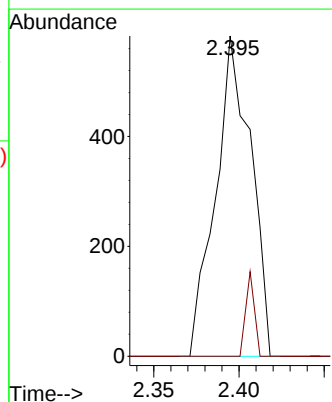
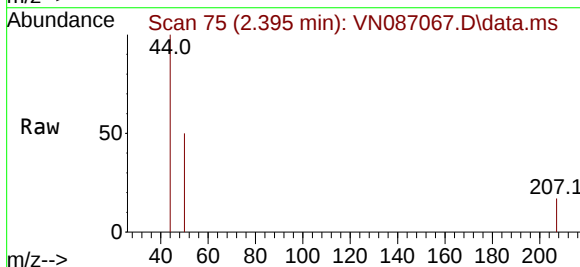
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

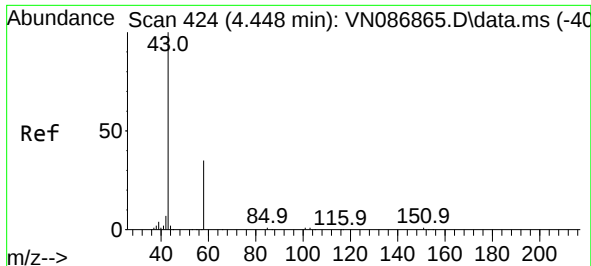
Tgt Ion:168 Resp: 290343
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#16

Acetone

Concen: 1.060 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN087067.D

Acq: 17 Jun 2025 17:56

Instrument :

MSVOA_N

ClientSampleId :

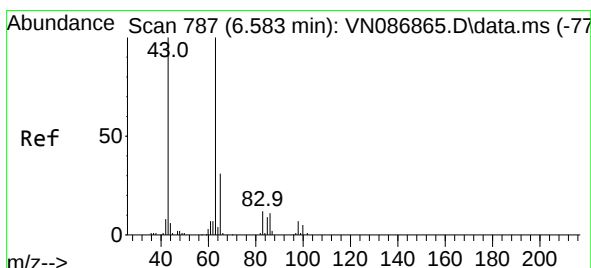
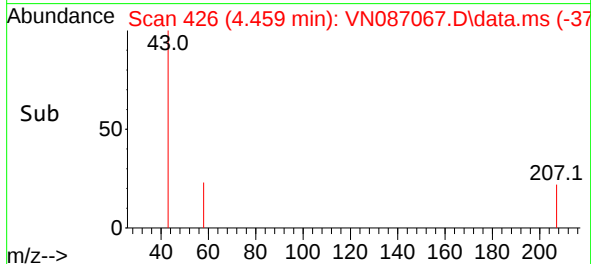
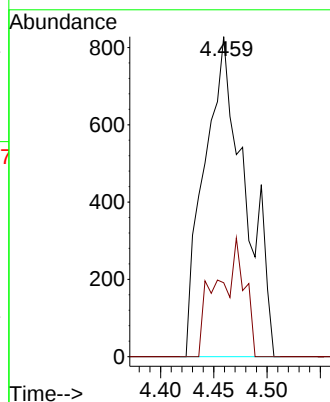
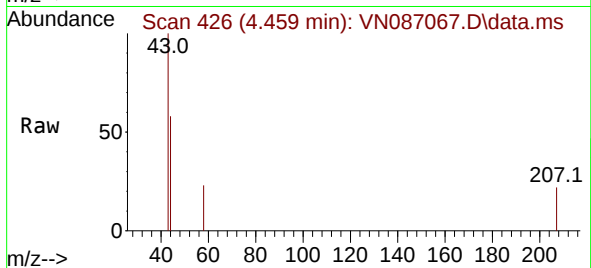
TT162S1-20250613

Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

58 23.1 28.0 42.0#



#24

1,1-Dichloroethane

Concen: 0.455 ug/l

RT: 6.583 min Scan# 787

Delta R.T. -0.000 min

Lab File: VN087067.D

Acq: 17 Jun 2025 17:56

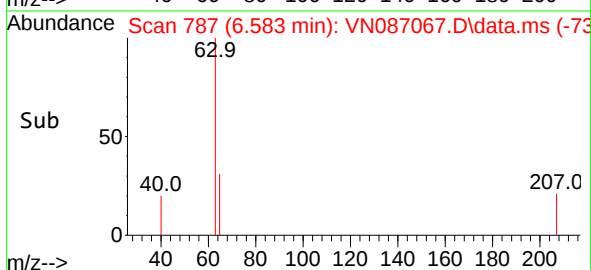
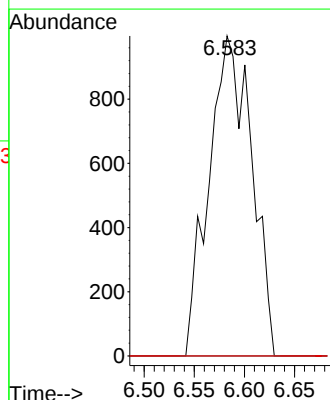
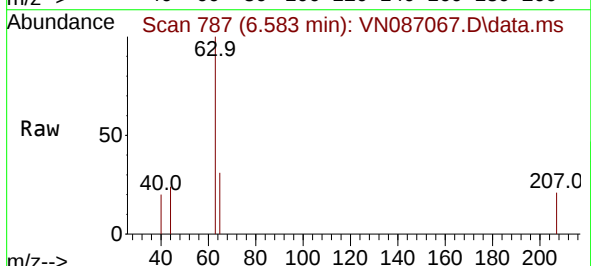
Tgt Ion: 63 Resp: 2958

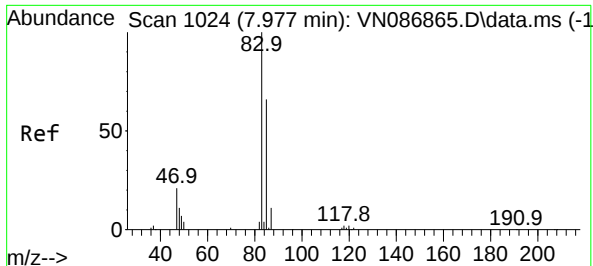
Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.6 7.8#

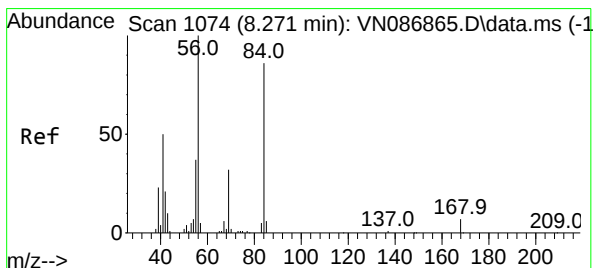
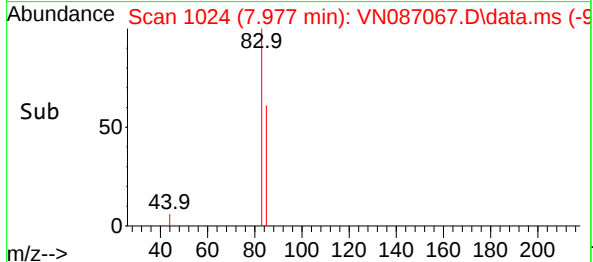
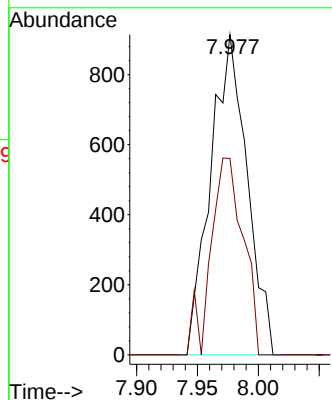
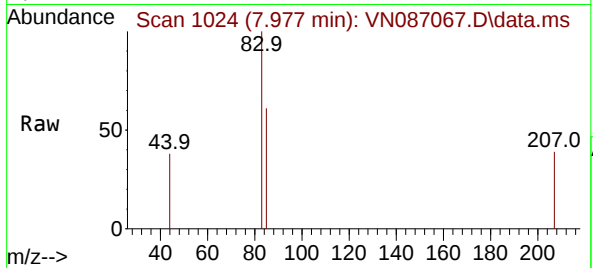




#30
Chloroform
Concen: 0.293 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

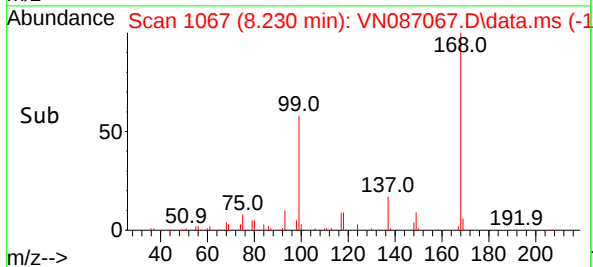
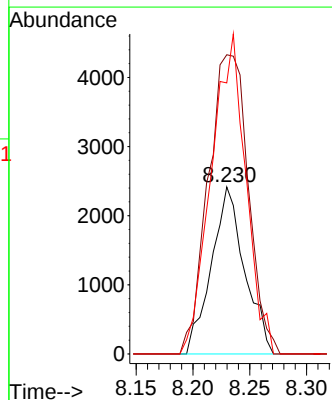
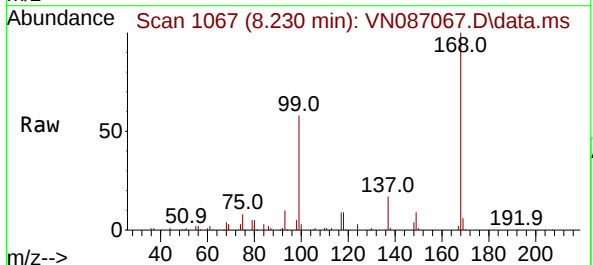
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

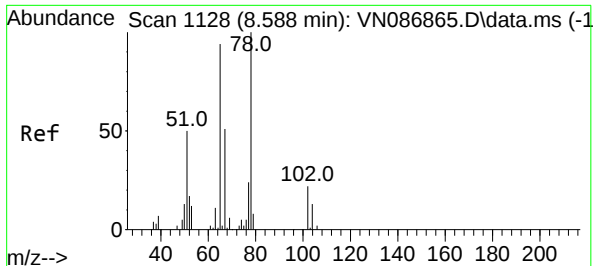
Tgt Ion: 83 Resp: 1904
Ion Ratio Lower Upper
83 100
85 61.4 52.9 79.3



#31
Cyclohexane
Concen: 0.780 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 56 Resp: 4916
Ion Ratio Lower Upper
56 100
69 179.1 25.4 38.0#
84 162.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 53.230 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087067.D

Acq: 17 Jun 2025 17:56

Instrument :

MSVOA_N

ClientSampleId :

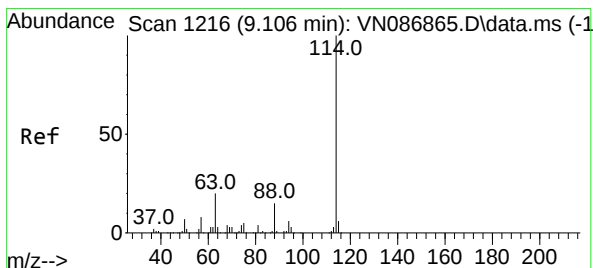
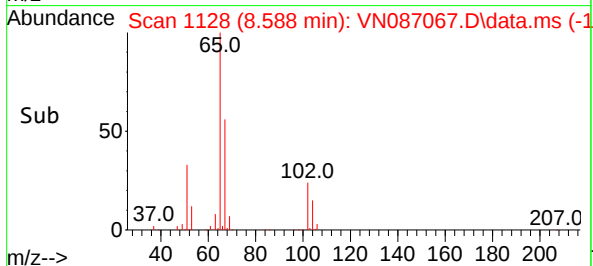
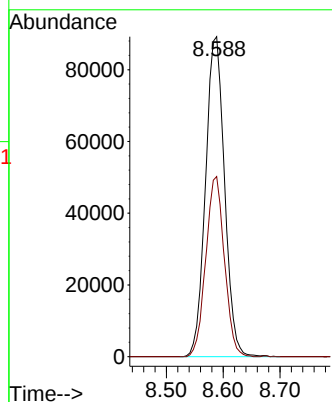
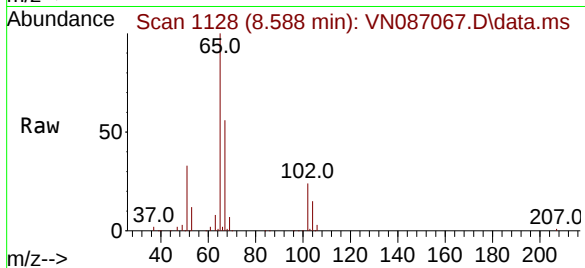
TT162S1-20250613

Tgt Ion: 65 Resp: 206924

Ion Ratio Lower Upper

65 100

67 55.0 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: VN087067.D

Acq: 17 Jun 2025 17:56

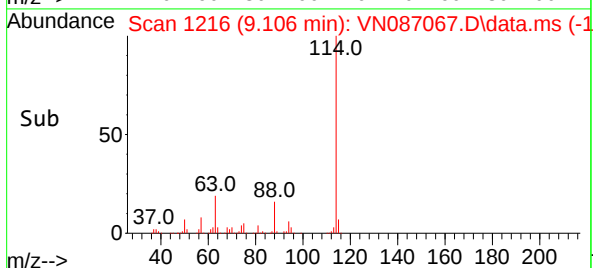
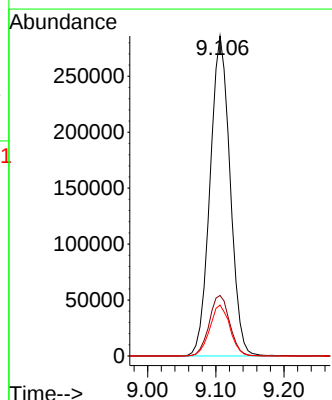
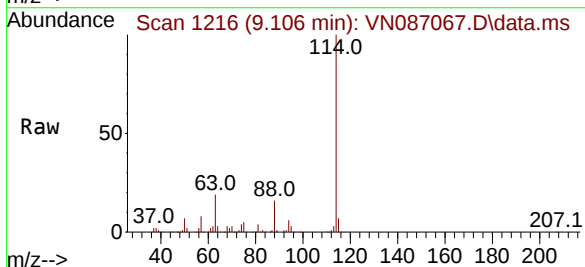
Tgt Ion: 114 Resp: 583906

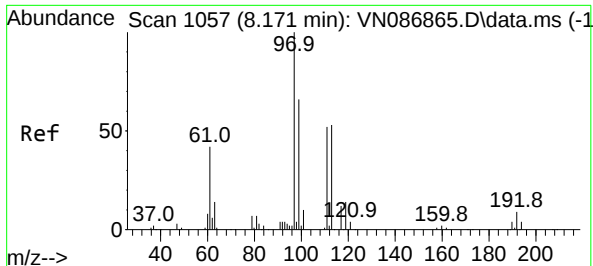
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.9 0.0 30.2

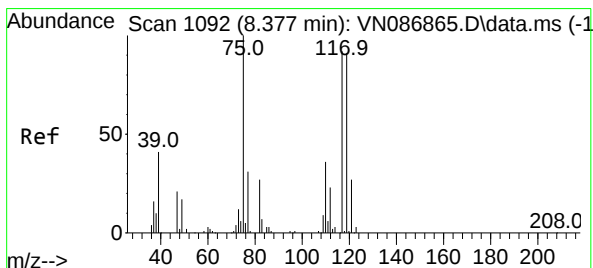
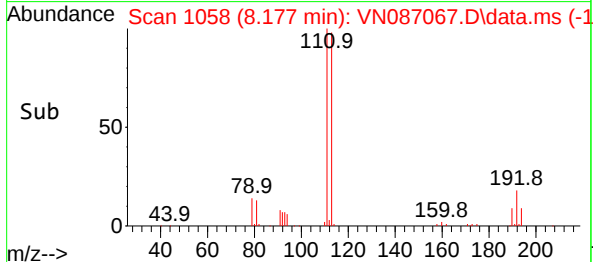
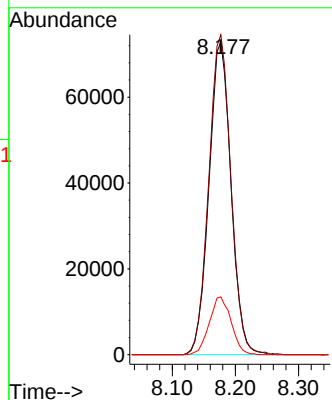
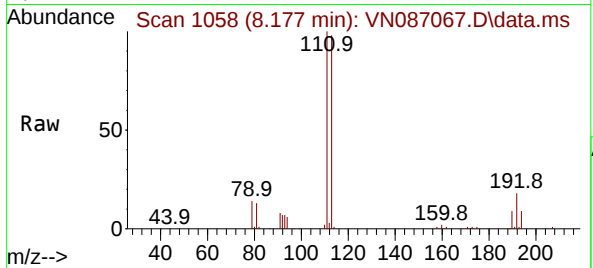




#35
Dibromofluoromethane
Concen: 50.893 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

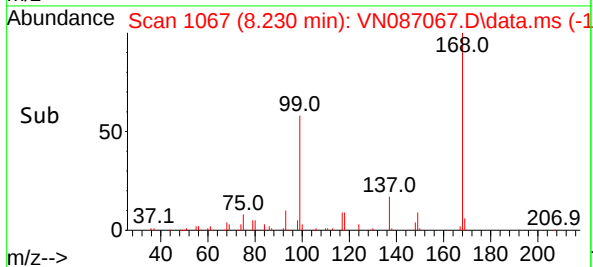
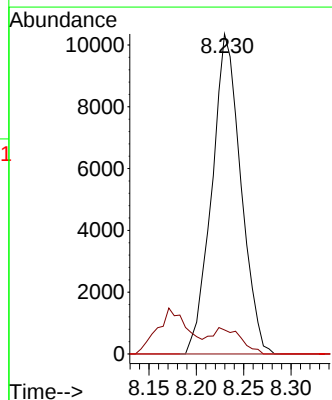
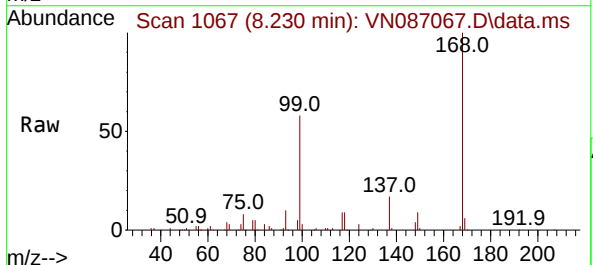
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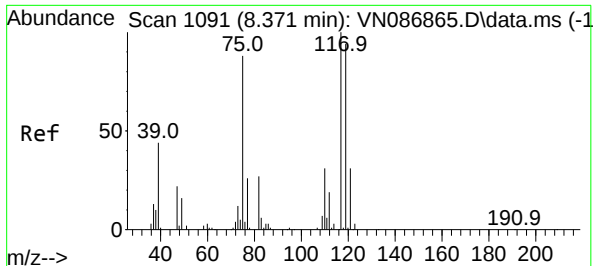
Tgt Ion:113 Resp: 176110
Ion Ratio Lower Upper
113 100
111 103.1 84.2 126.2
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 75 Resp: 22054
Ion Ratio Lower Upper
75 100
110 8.5 17.6 52.9#
77 0.0 25.3 37.9#

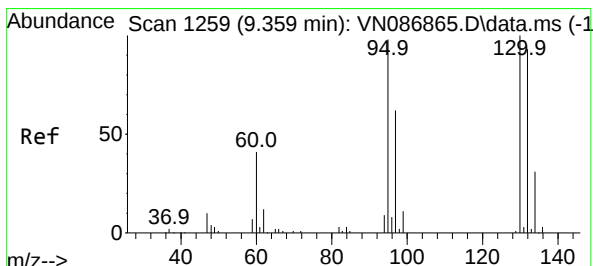
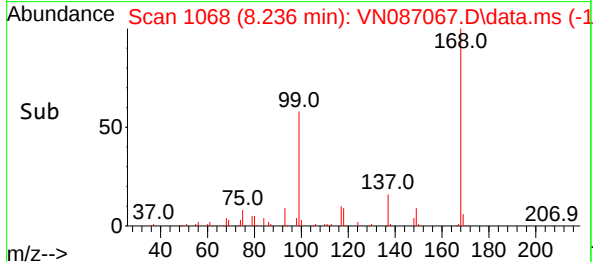
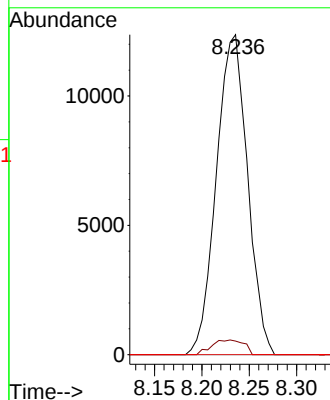
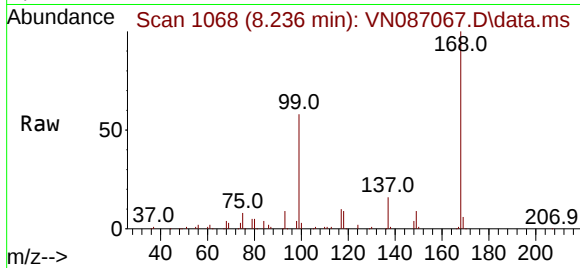




#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 8.236 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

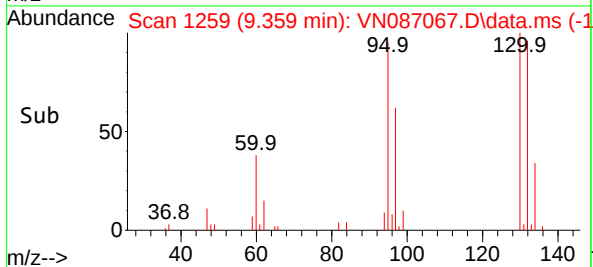
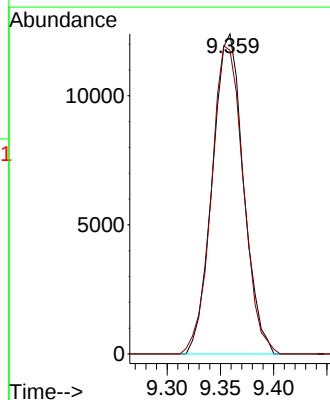
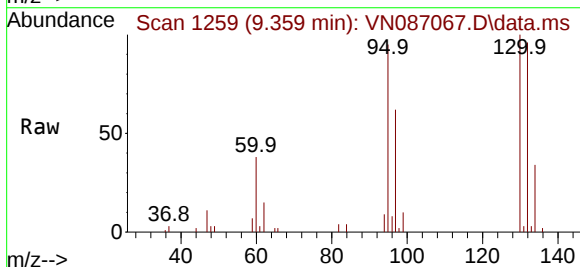
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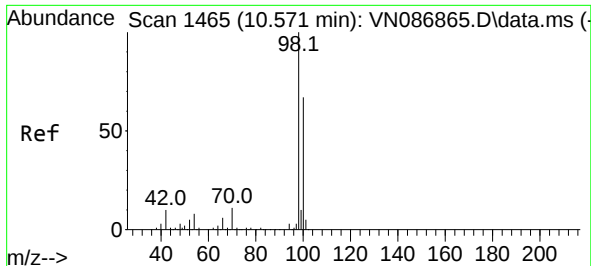
Tgt Ion:117 Resp: 28331
Ion Ratio Lower Upper
117 100
119 4.2 75.0 112.6#
121 0.0 24.9 37.3#



#44
Trichloroethene
Concen: 6.286 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion:130 Resp: 25133
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.2

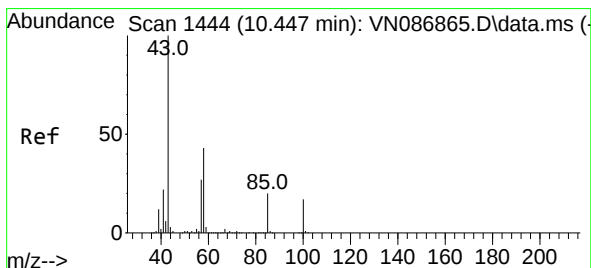
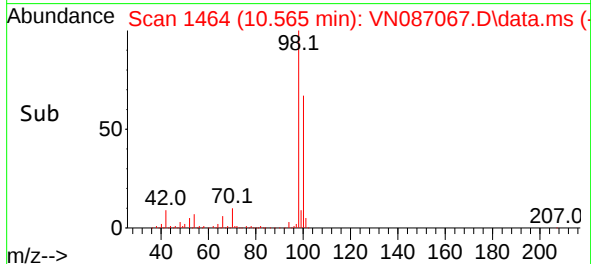
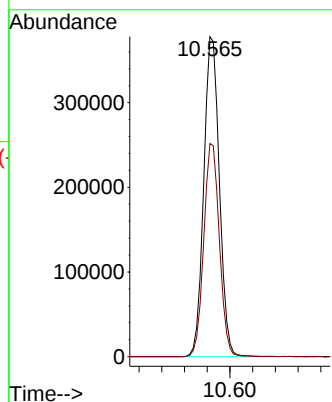
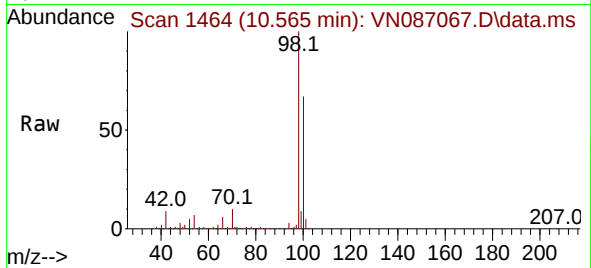




#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

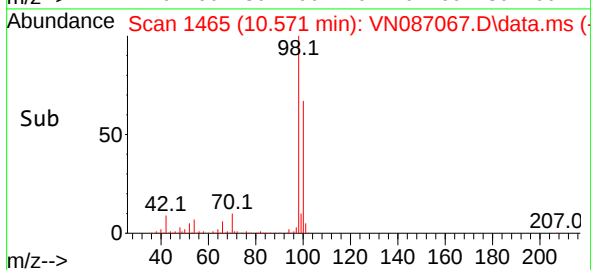
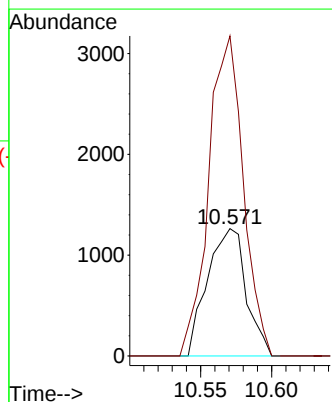
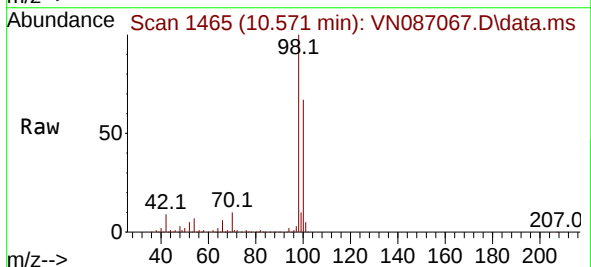
Instrument :
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TT162S1-20250613

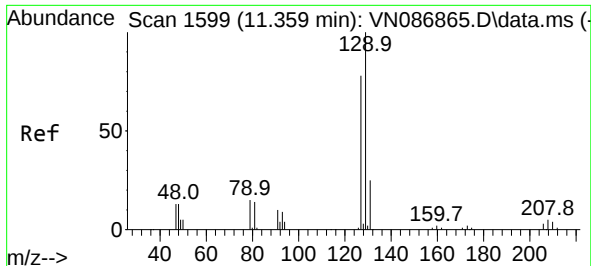
Tgt Ion: 98 Resp: 719327
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.377 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 43 Resp: 2391
Ion Ratio Lower Upper
43 100
58 225.1 34.2 51.4#

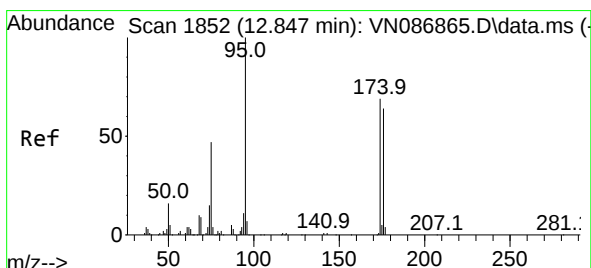
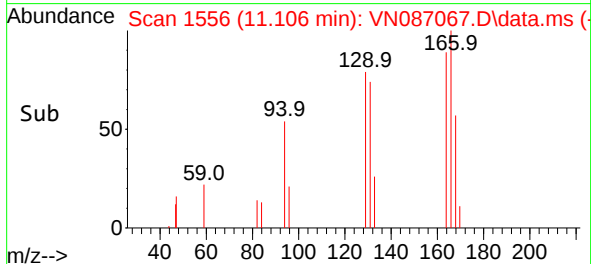
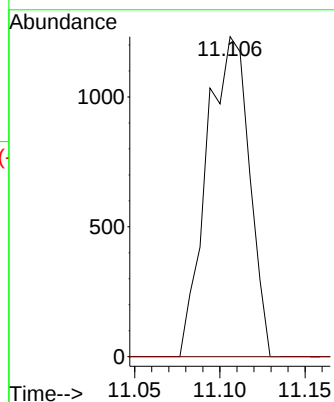
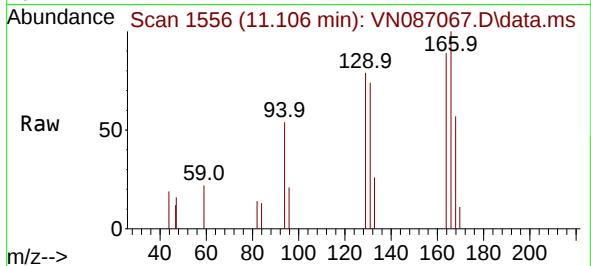




#60
Dibromochloromethane
Concen: 0.518 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

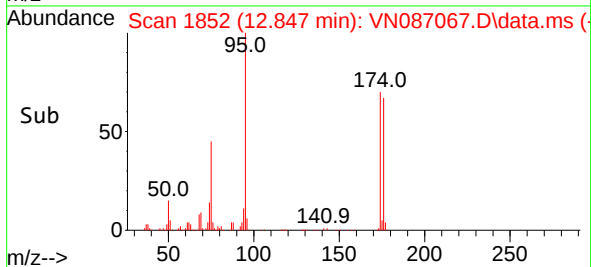
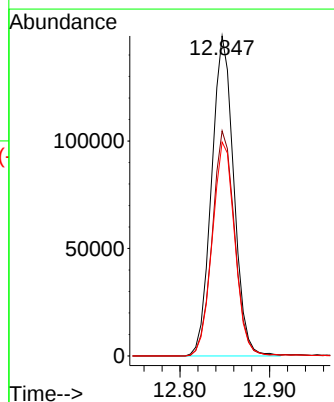
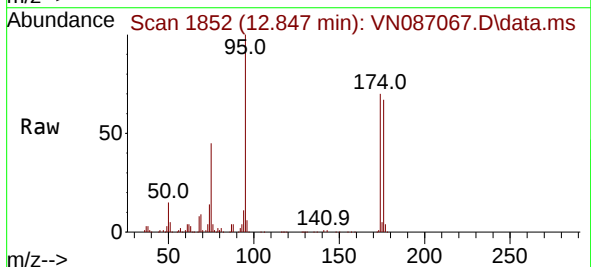
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

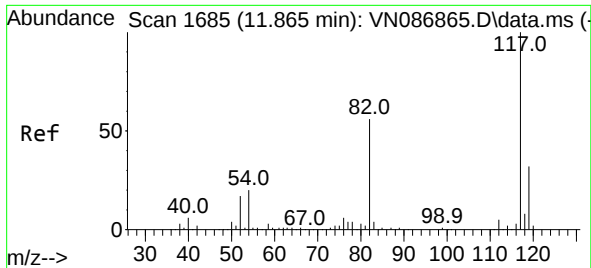
Tgt Ion:129 Resp: 2140
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

Tgt Ion: 95 Resp: 255546
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 68.3 0.0 132.6

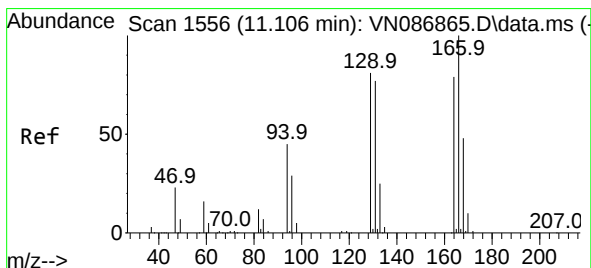
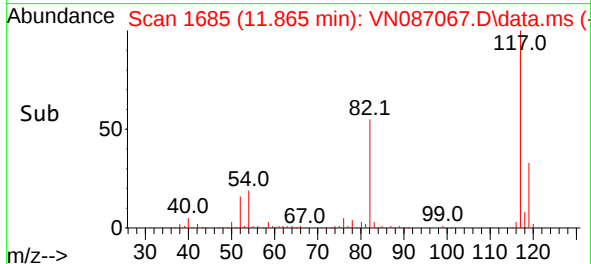
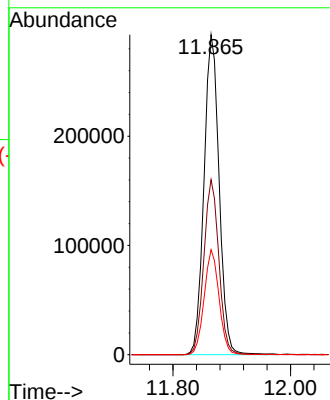
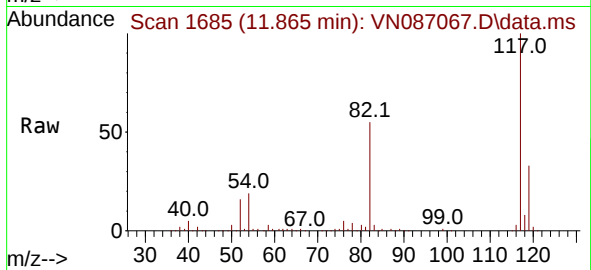




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

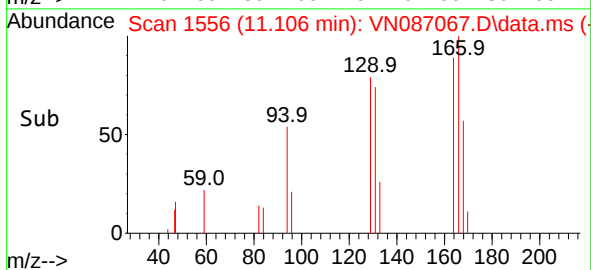
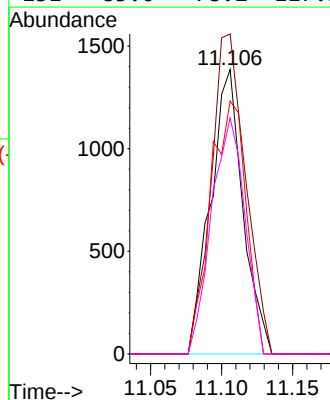
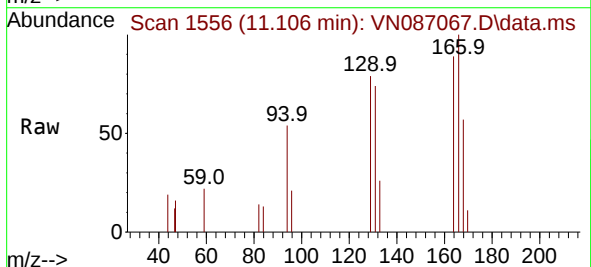
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20250613

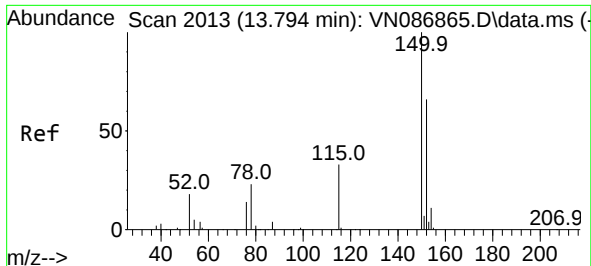
Tgt Ion:117 Resp: 526439
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.660 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087067.D
Acq: 17 Jun 2025 17:56

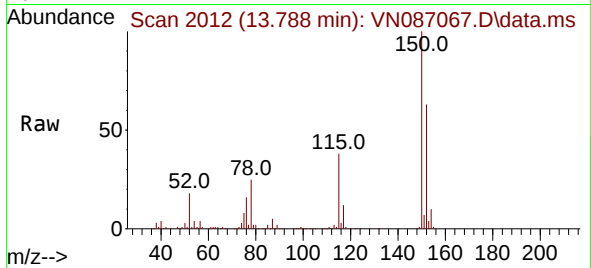
Tgt Ion:164 Resp: 2198
Ion Ratio Lower Upper
164 100
166 112.5 101.8 152.8
129 88.9 83.0 124.4
131 83.0 78.2 117.2



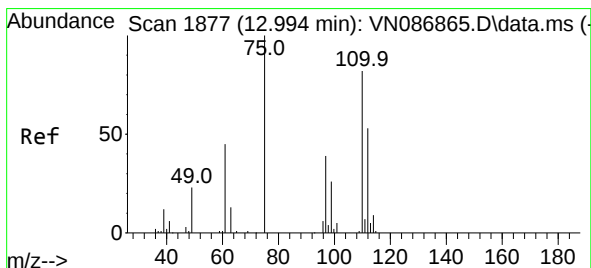
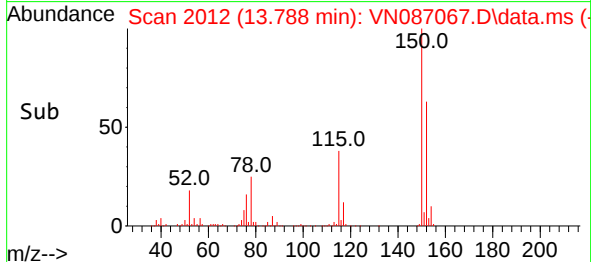
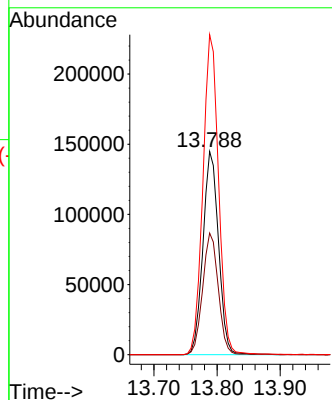


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087067.D
 Acq: 17 Jun 2025 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20250613

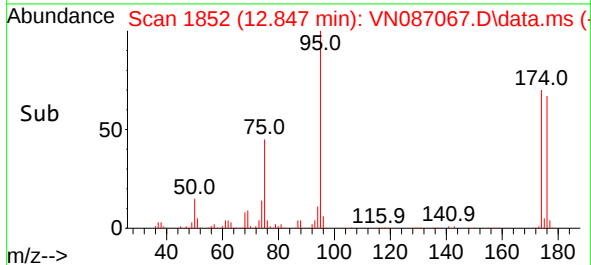
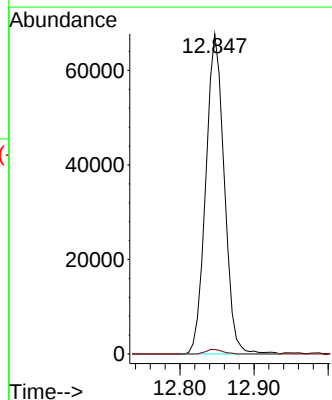
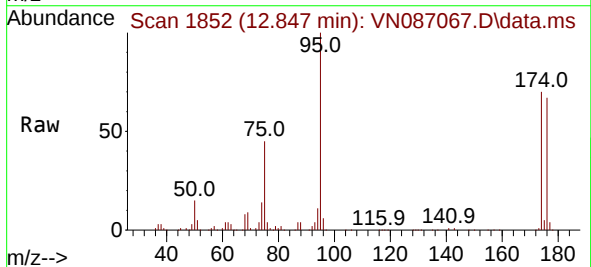


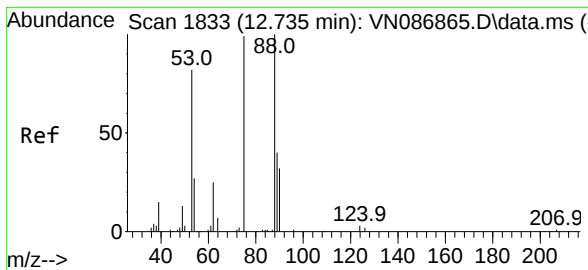
Tgt Ion:152 Resp: 248696
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.1 90.5
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.801 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087067.D
 Acq: 17 Jun 2025 17:56

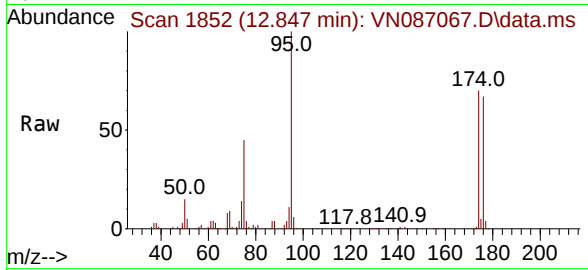
Tgt Ion: 75 Resp: 117057
 Ion Ratio Lower Upper
 75 100
 77 1.3 79.3 237.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.582 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087067.D
 Acq: 17 Jun 2025 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20250613



Tgt Ion: 75 Resp: 117057
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.6 99.8#
 89 0.0 36.7 55.1#

