

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087136.D
 Acq On : 20 Jun 2025 14:06
 Operator : JC\MD
 Sample : Q2377-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-061925

Quant Time: Jun 20 23:05:47 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)

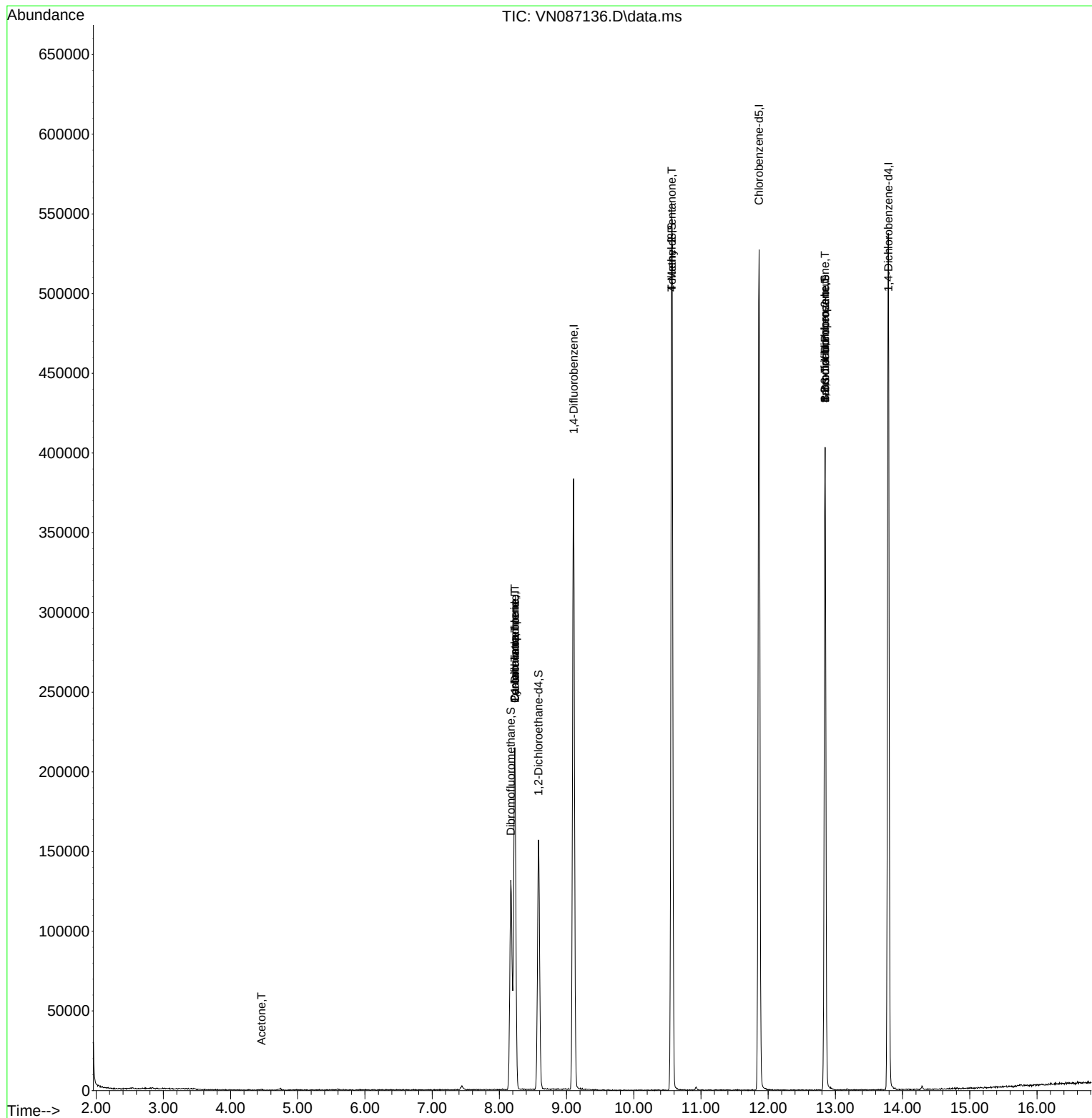
Internal Standards						
1) Pentafluorobenzene	8.230	168	168949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125141	55.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.640%
35) Dibromofluoromethane	8.171	113	101496	47.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	10.565	98	414042	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.847	95	160931	51.633	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.260%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	942	0.785	ug/l #	40
31) Cyclohexane	8.230	56	3164	0.862	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	12723	4.029	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16676	5.379	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1406	0.362	ug/l #	1
71) Bromoform	12.847	173	886	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	73612	19.616	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73612	45.155	ug/l #	16

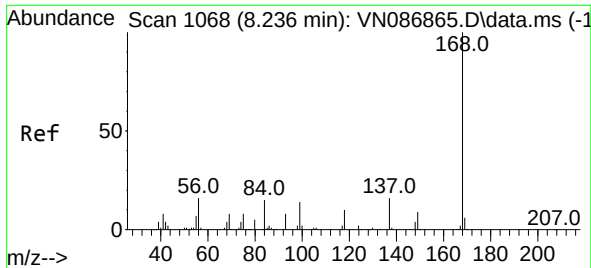
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

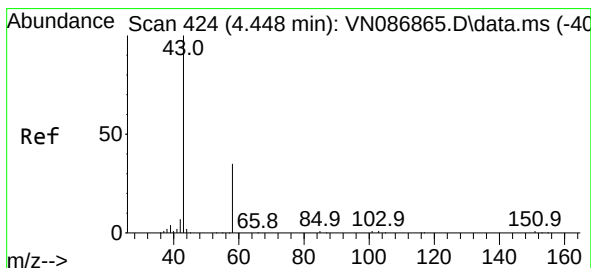
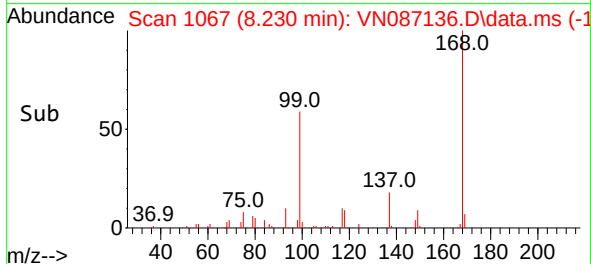
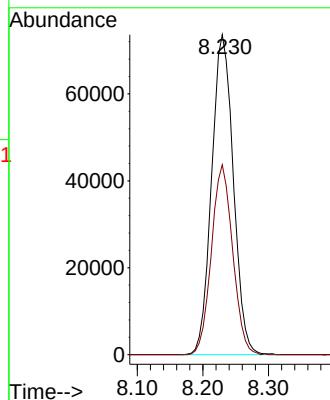
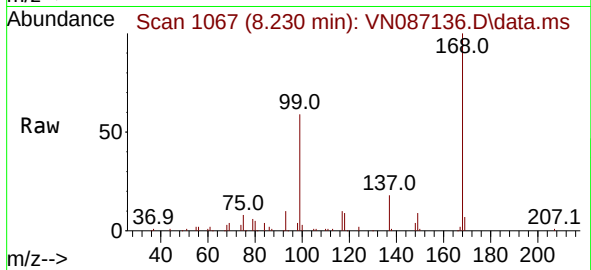




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

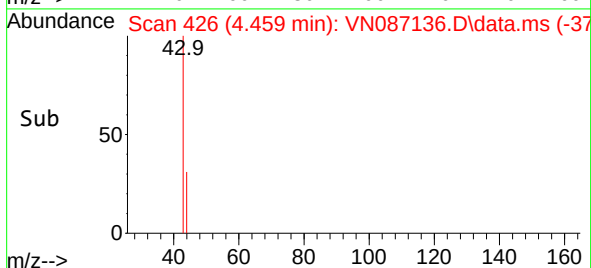
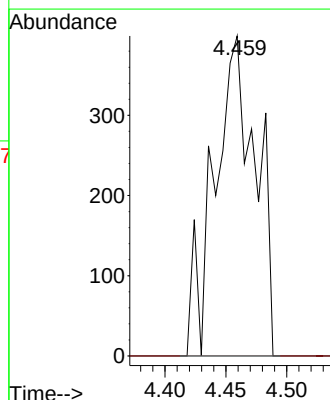
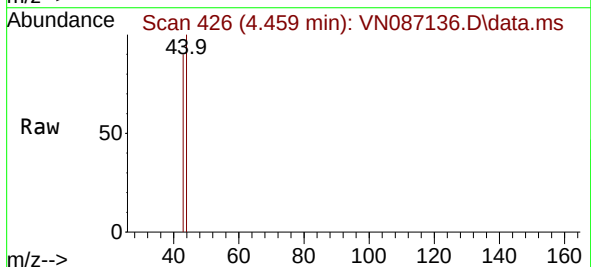
Instrument :
MSVOA_N
ClientSampleId :
TB01-061925

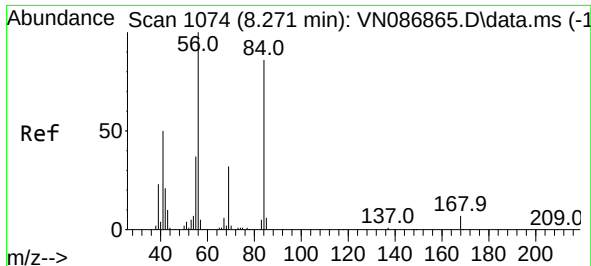
Tgt Ion:168 Resp: 168949
Ion Ratio Lower Upper
168 100
99 59.4 49.1 73.7



#16
Acetone
Concen: 0.785 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

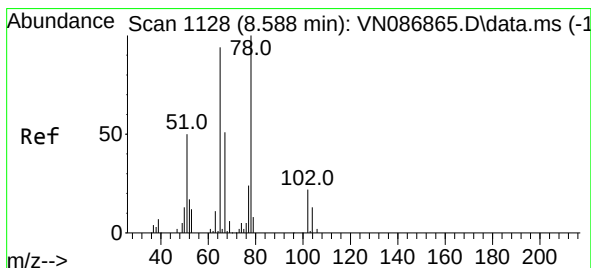
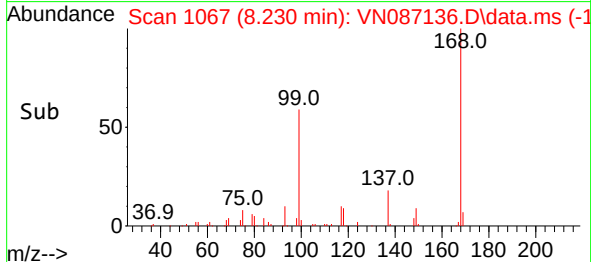
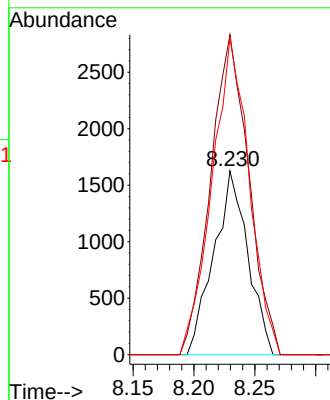
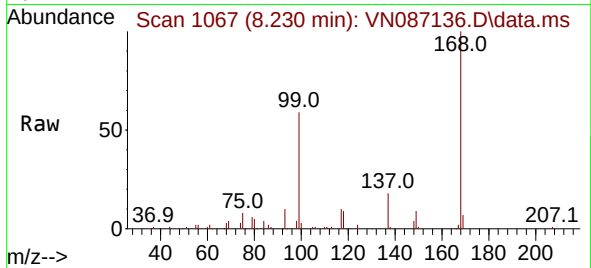




#31
Cyclohexane
Concen: 0.862 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.041 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

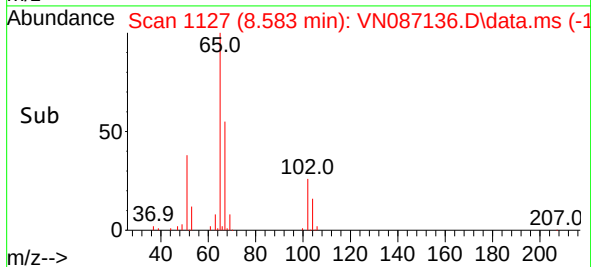
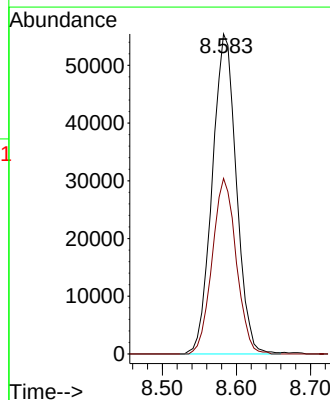
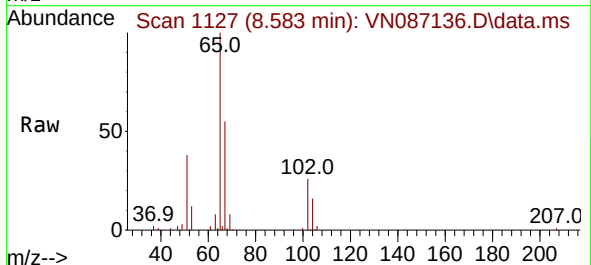
Instrument :
MSVOA_N
ClientSampleId :
TB01-061925

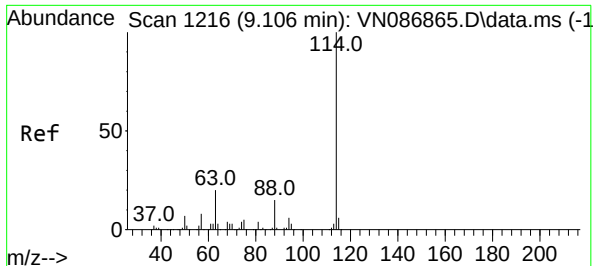
Tgt Ion: 56 Resp: 3164
Ion Ratio Lower Upper
56 100
69 174.2 25.4 38.0#
84 172.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 55.322 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion: 65 Resp: 125141
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6

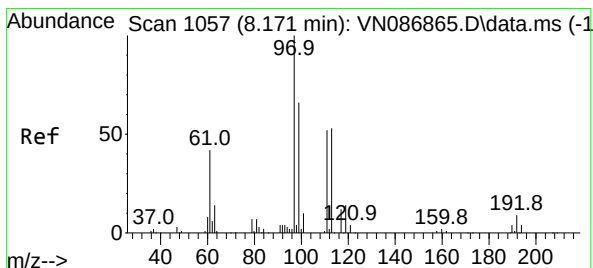
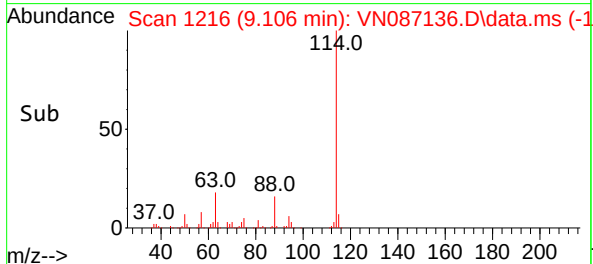
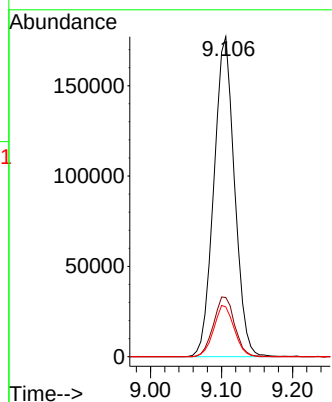
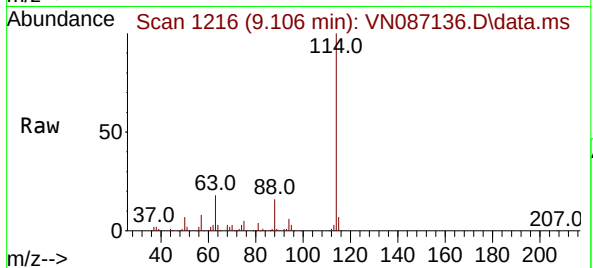




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

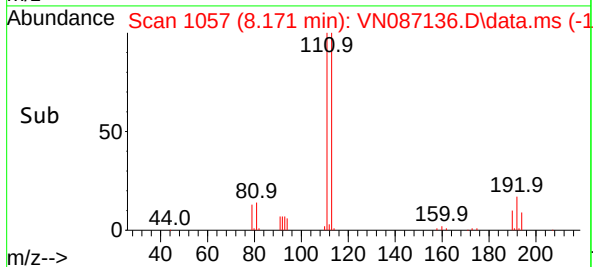
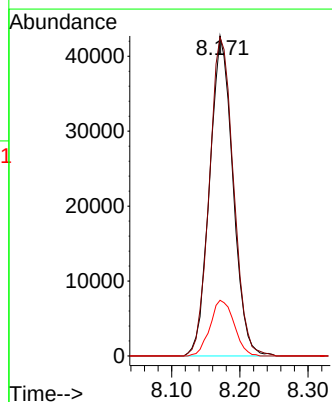
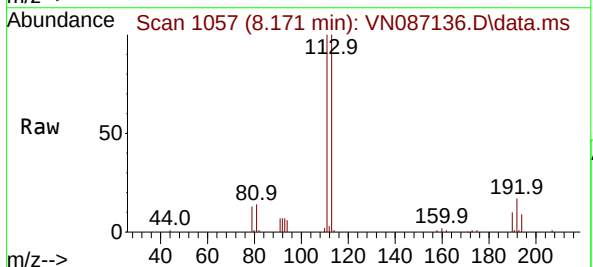
Instrument :
MSVOA_N
ClientSampleId :
TB01-061925

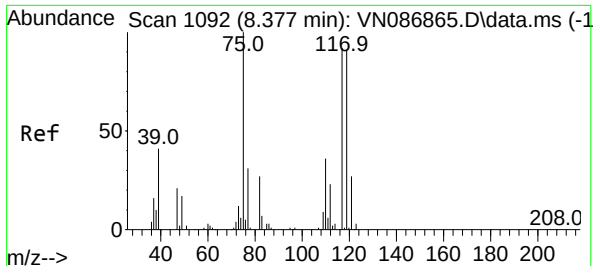
Tgt Ion:114 Resp: 357590
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.6
88 15.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 47.894 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion:113 Resp: 101496
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 18.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.029 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087136.D

Acq: 20 Jun 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

TB01-061925

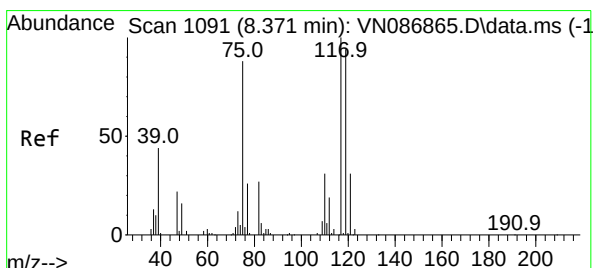
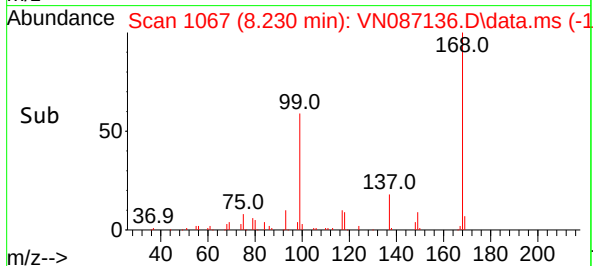
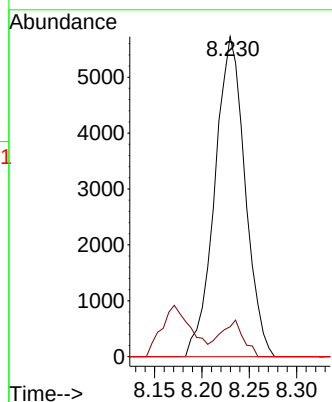
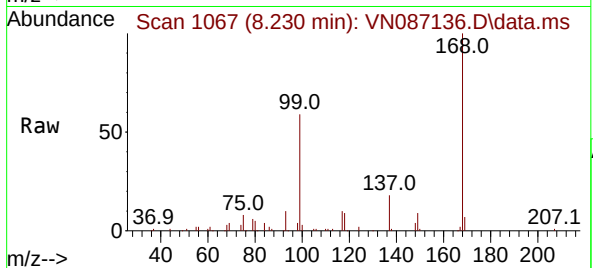
Tgt Ion: 75 Resp: 12723

Ion Ratio Lower Upper

75 100

110 8.8 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.379 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN087136.D

Acq: 20 Jun 2025 14:06

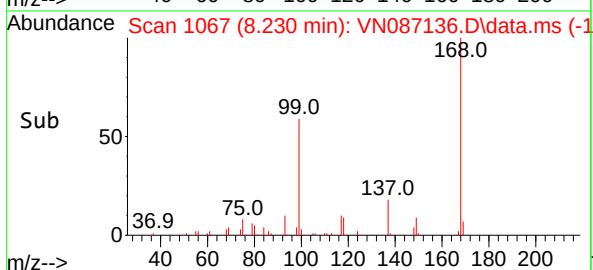
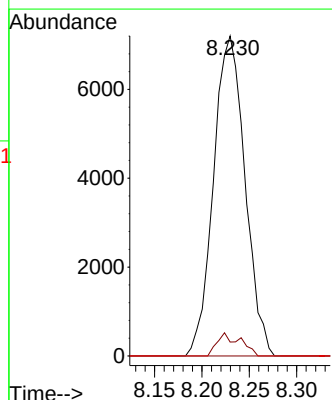
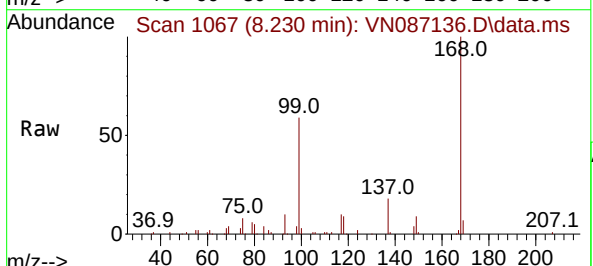
Tgt Ion: 117 Resp: 16676

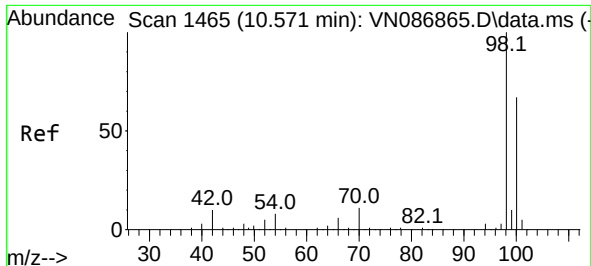
Ion Ratio Lower Upper

117 100

119 4.3 75.0 112.6#

121 0.0 24.9 37.3#

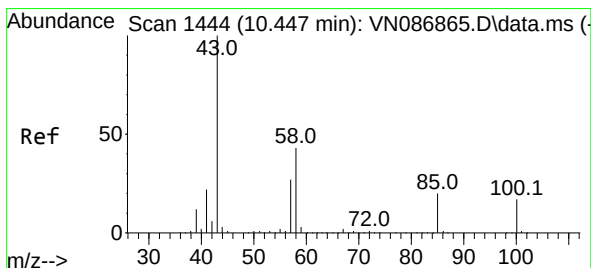
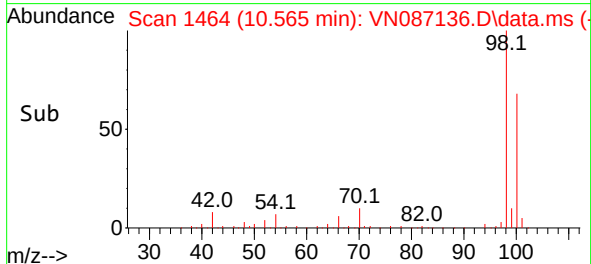
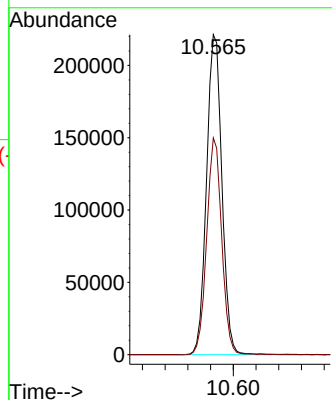
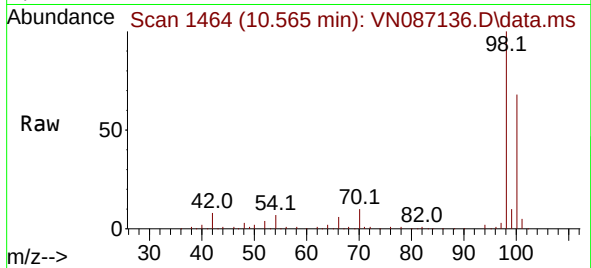




#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

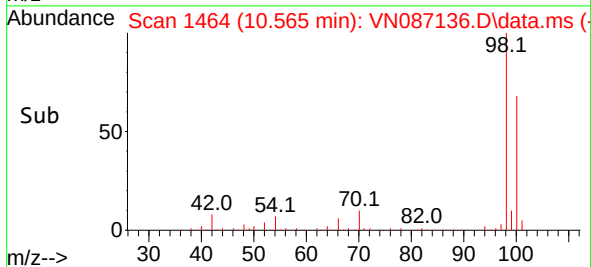
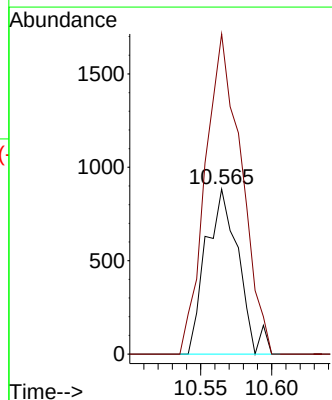
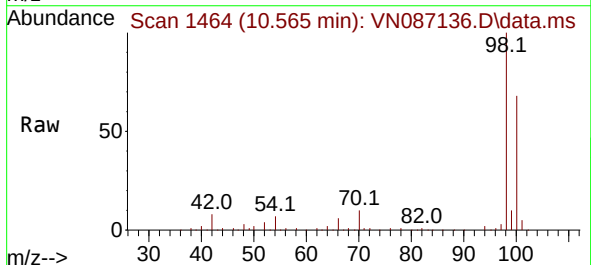
Instrument :
MSVOA_N
ClientSampleId :
TB01-061925

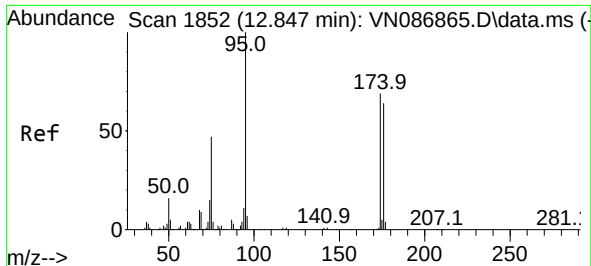
Tgt Ion: 98 Resp: 414042
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 214.8 34.2 51.4#

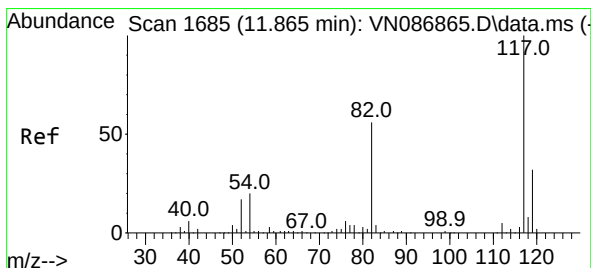
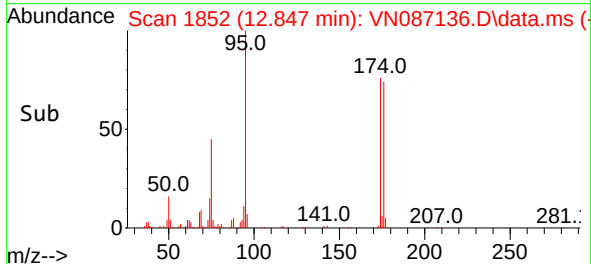
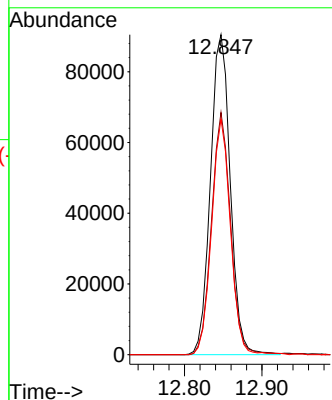
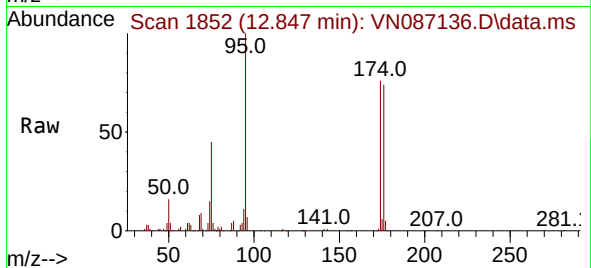




#62
4-Bromofluorobenzene
Concen: 51.633 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

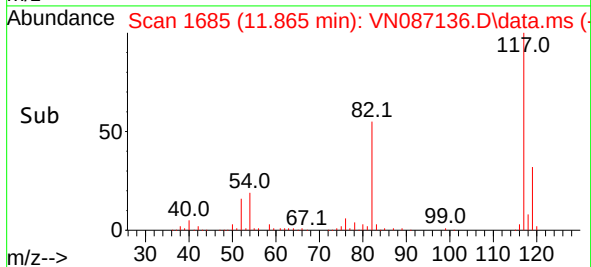
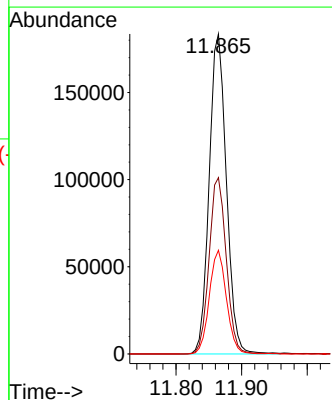
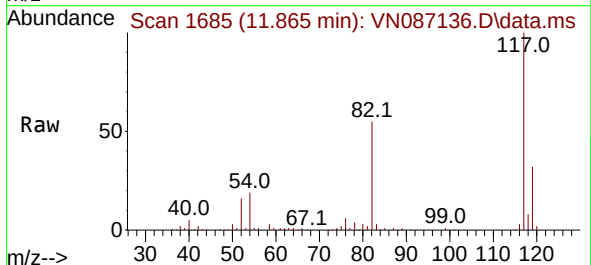
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ClientSampleId :
TB01-061925

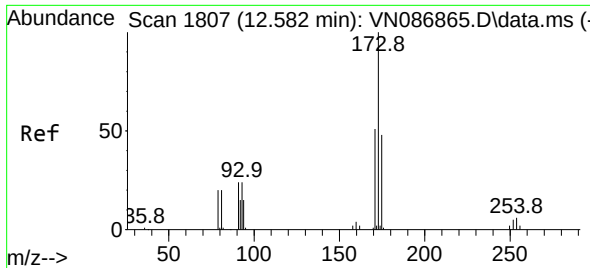
Tgt Ion: 95 Resp: 160931
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 70.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion: 117 Resp: 334632
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.4 25.5 38.3

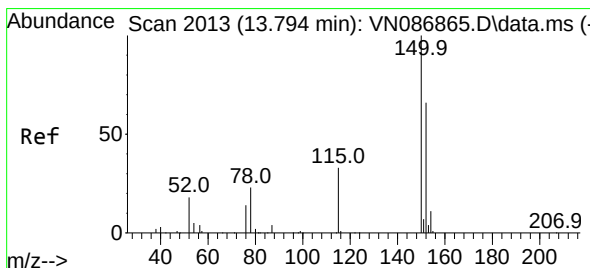
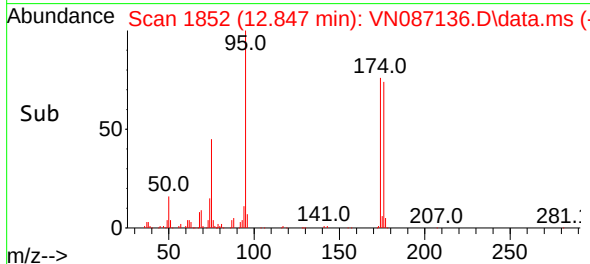
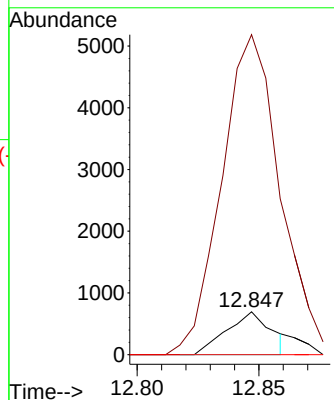
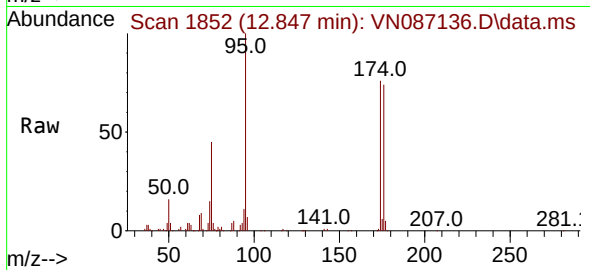




#71
Bromoform
Concen: 0.504 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

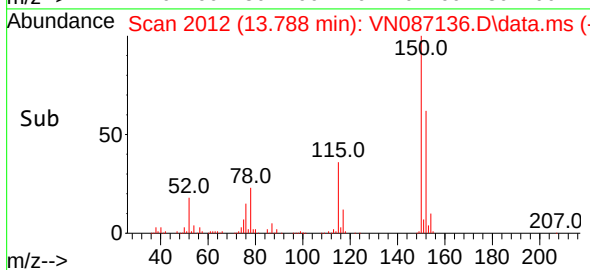
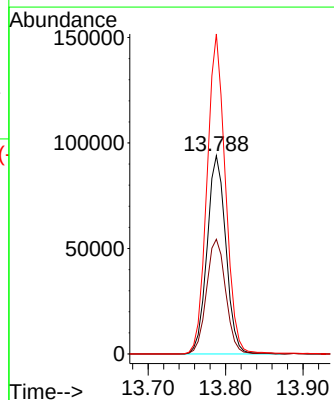
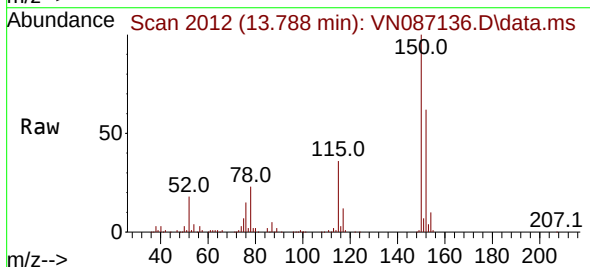
Instrument :
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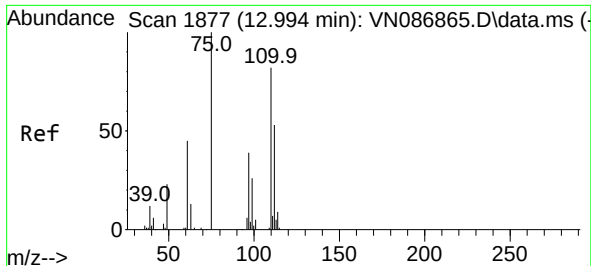
Tgt Ion:173 Resp: 886
Ion Ratio Lower Upper
173 100
175 874.6 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion:152 Resp: 157871
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 158.5 0.0 345.0

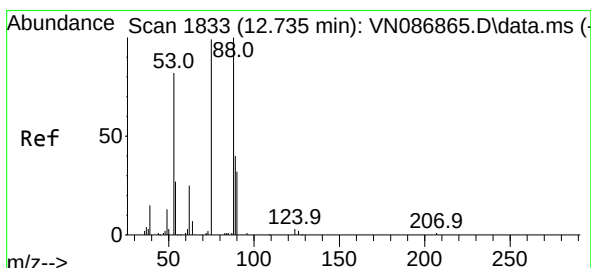
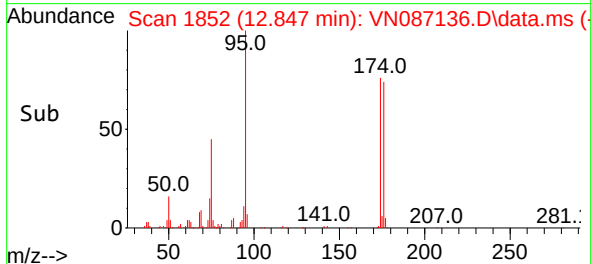
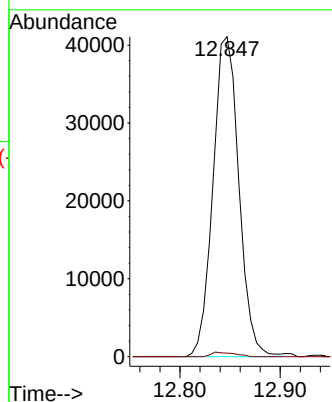
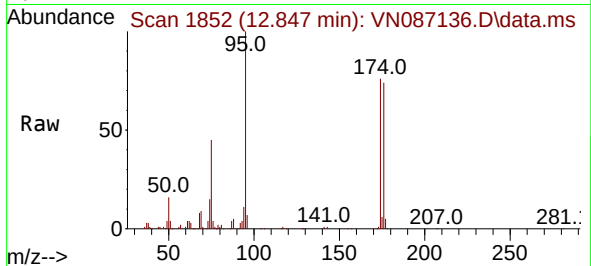




#76
1,2,3-Trichloropropane
Concen: 19.616 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Instrument :
MSVOA_N
ClientSampleId :
TB01-061925

Tgt Ion: 75 Resp: 73612
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087136.D
Acq: 20 Jun 2025 14:06

Tgt Ion: 75 Resp: 73612
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

