

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087030.D
 Acq On : 16 Jun 2025 14:50
 Operator : JC\MD
 Sample : Q2299-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20250610

Quant Time: Jun 17 07:23:46 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)

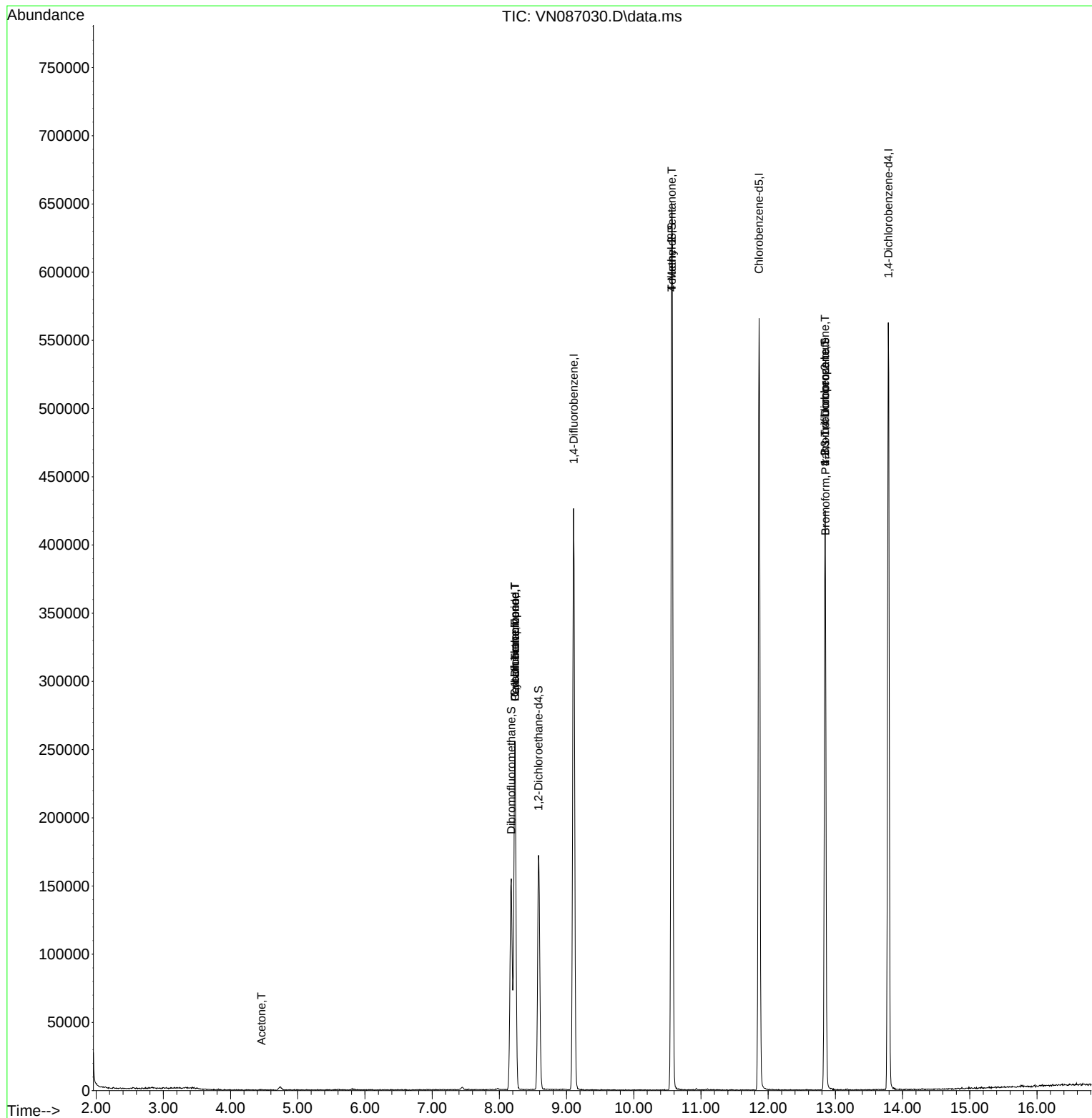
Internal Standards						
1) Pentafluorobenzene	8.235	168	202159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139915	51.692	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.380%		
35) Dibromofluoromethane	8.177	113	119725	51.219	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.440%		
50) Toluene-d8	10.565	98	486340	52.557	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.120%		
62) 4-Bromofluorobenzene	12.847	95	170571	49.613	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.220%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	815	0.568	ug/l #	40
31) Cyclohexane	8.230	56	3528	0.804	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15350	4.407	ug/l #	47
38) Carbon Tetrachloride	8.235	117	19825	5.797	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1621	0.378	ug/l #	1
71) Bromoform	12.853	173	773	0.411	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78494	19.635	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78494	45.198	ug/l #	16

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

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DUP01-20250610

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

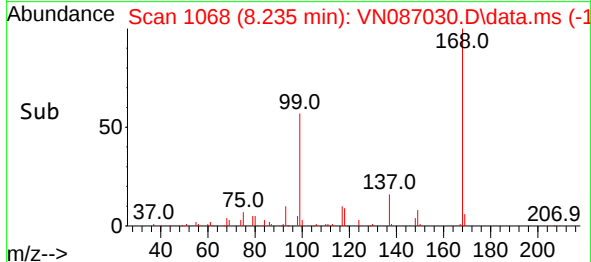
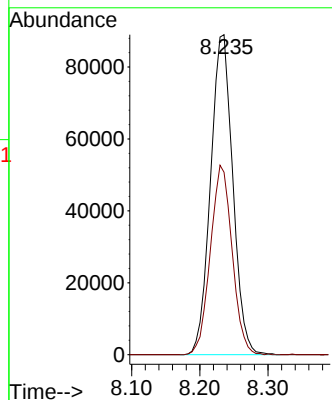
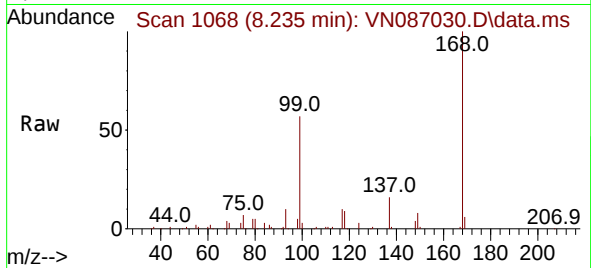




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

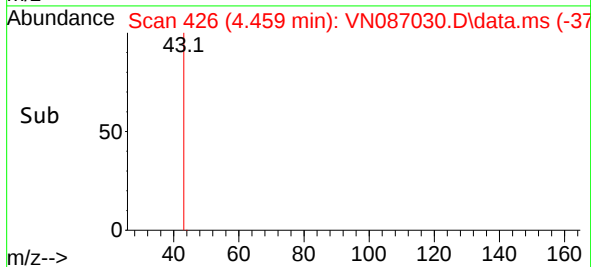
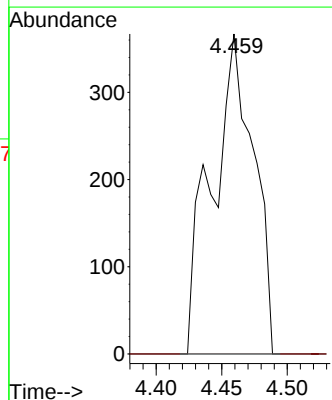
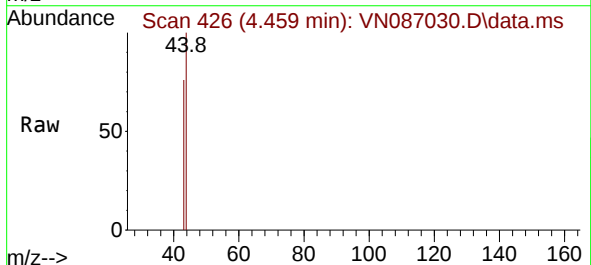
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20250610

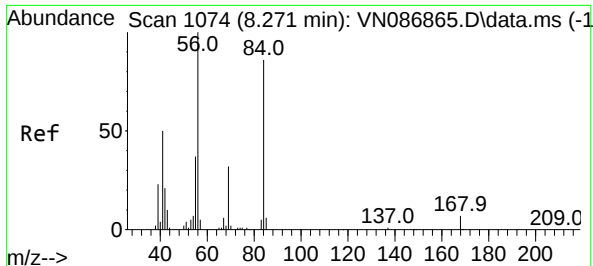
Tgt Ion:168 Resp: 202159
Ion Ratio Lower Upper
168 100
99 57.0 49.1 73.7



#16
Acetone
Concen: 0.568 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

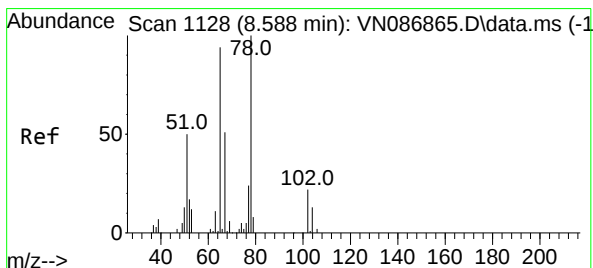
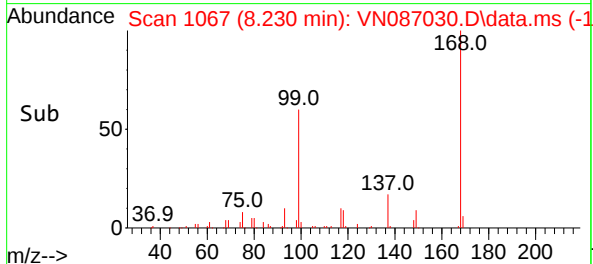
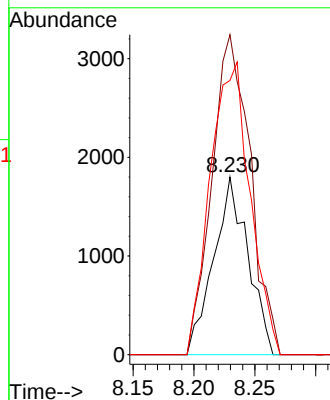
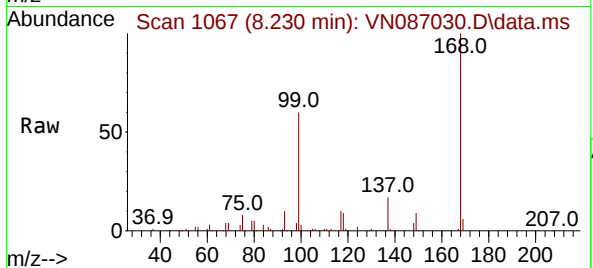




#31
Cyclohexane
Concen: 0.804 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.041 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

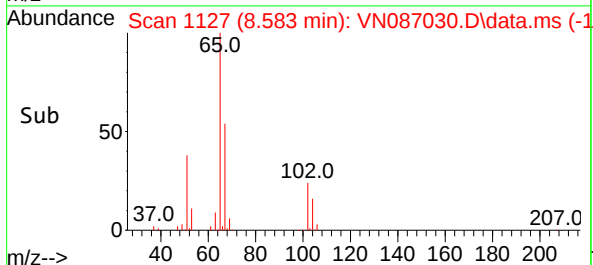
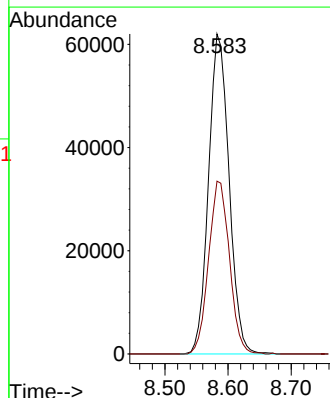
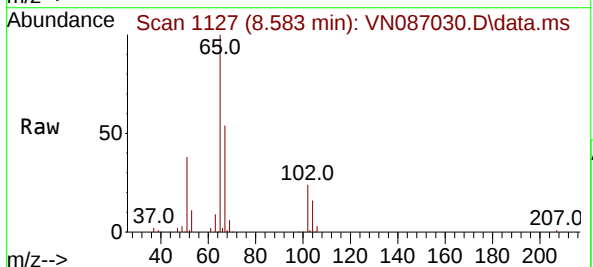
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20250610

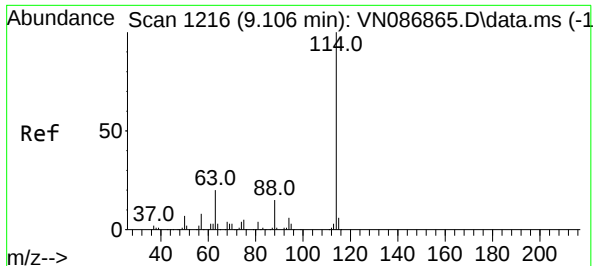
Tgt Ion: 56 Resp: 3528
Ion Ratio Lower Upper
56 100
69 180.2 25.4 38.0#
84 154.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.692 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion: 65 Resp: 139915
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

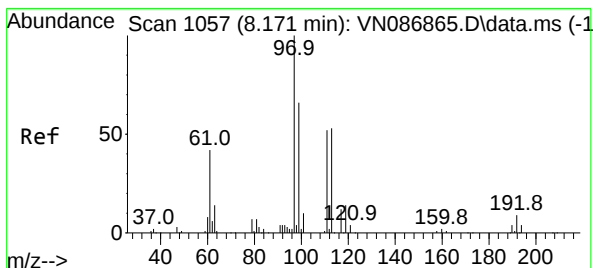
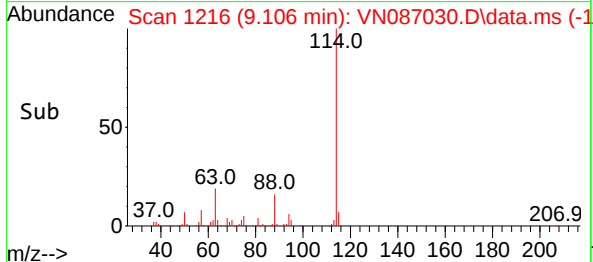
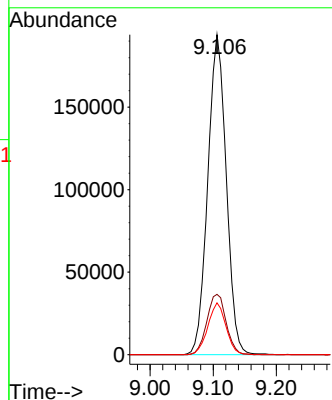
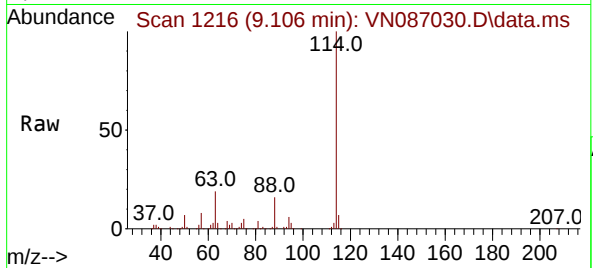




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

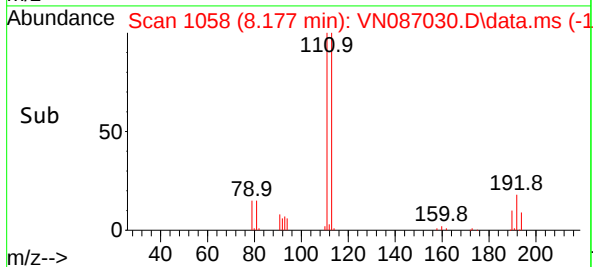
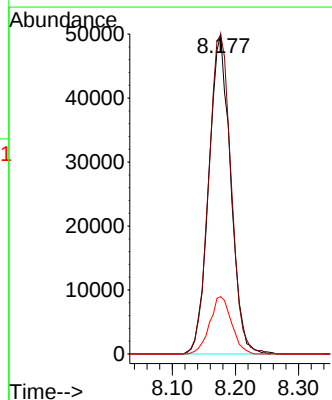
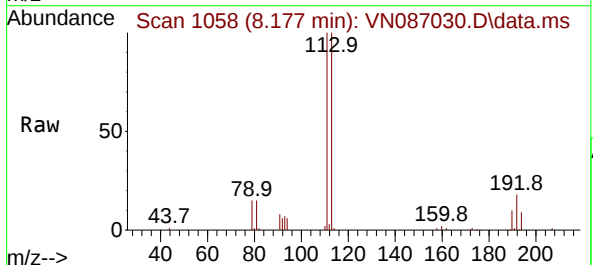
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20250610

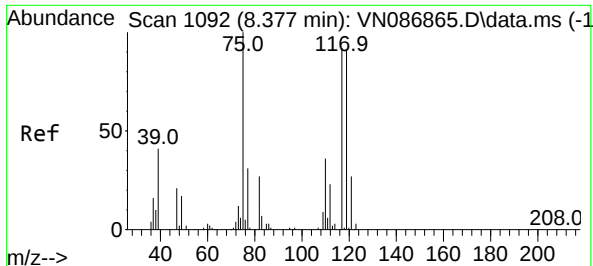
Tgt Ion:114 Resp: 394437
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 16.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.219 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion:113 Resp: 119725
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.407 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN087030.D

Acq: 16 Jun 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20250610

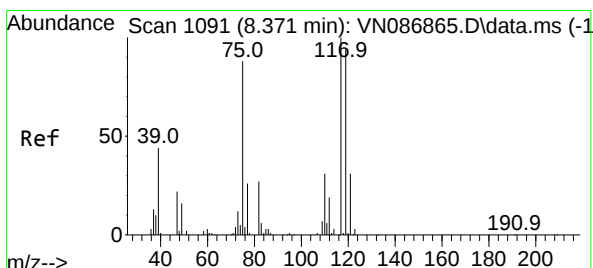
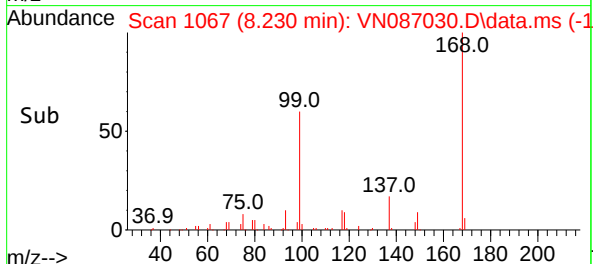
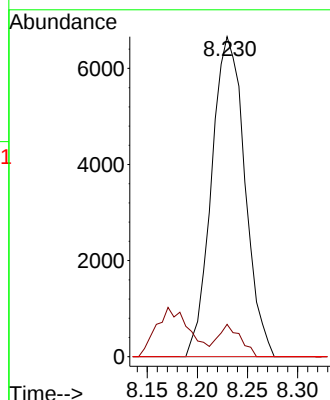
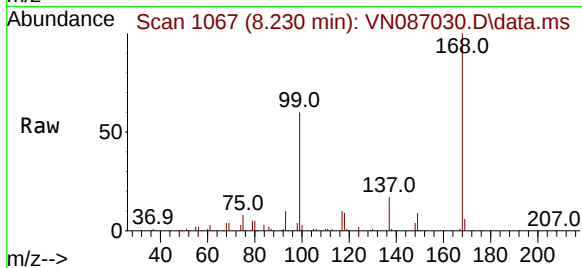
Tgt Ion: 75 Resp: 15350

Ion Ratio Lower Upper

75 100

110 6.7 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.797 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN087030.D

Acq: 16 Jun 2025 14:50

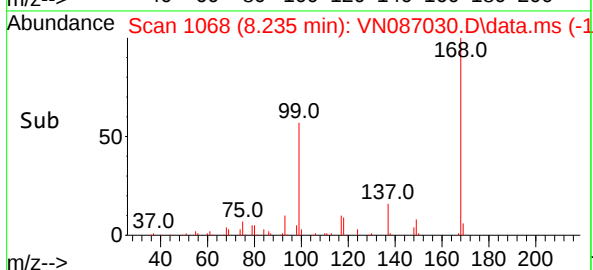
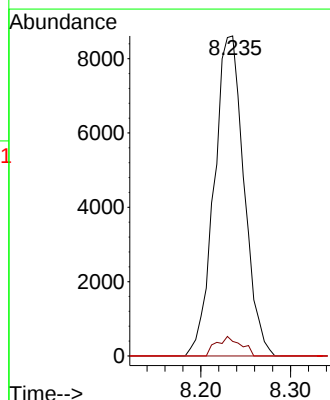
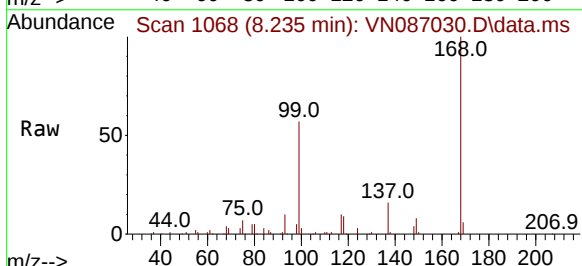
Tgt Ion: 117 Resp: 19825

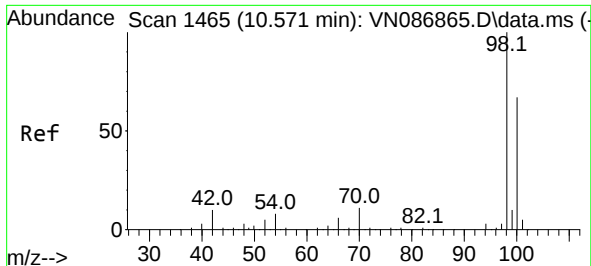
Ion Ratio Lower Upper

117 100

119 4.6 75.0 112.6#

121 0.0 24.9 37.3#

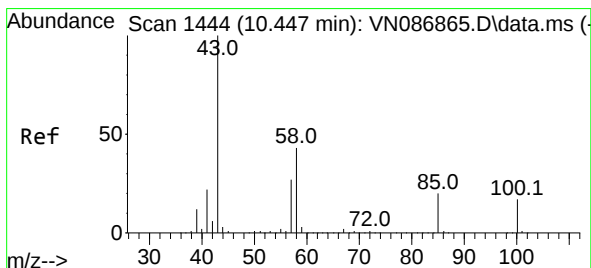
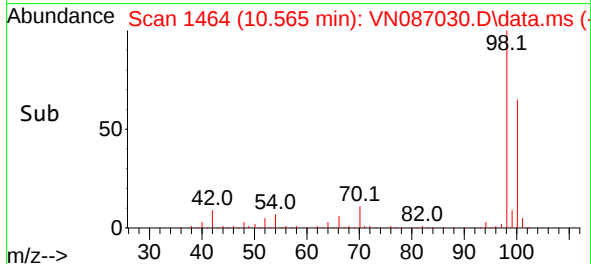
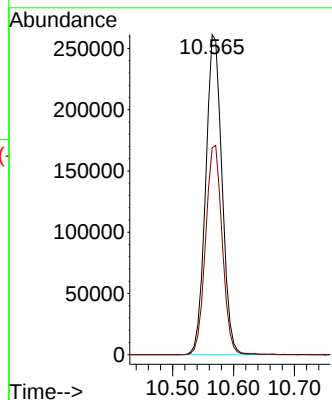
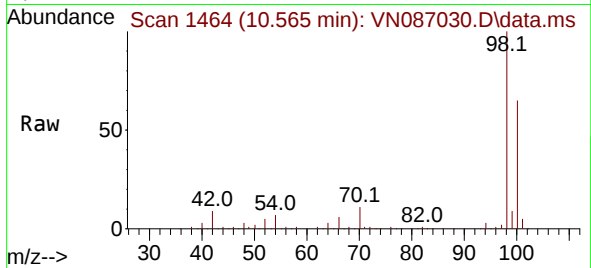




#50
Toluene-d8
Concen: 52.557 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

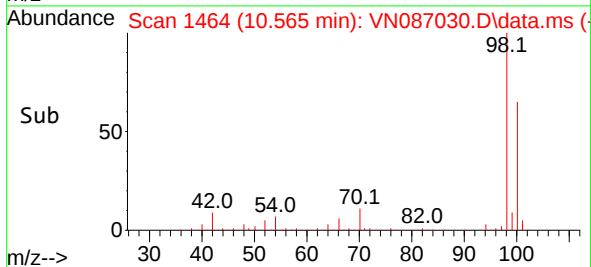
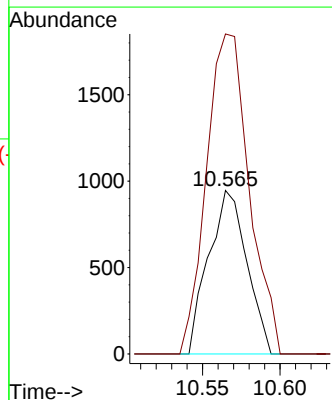
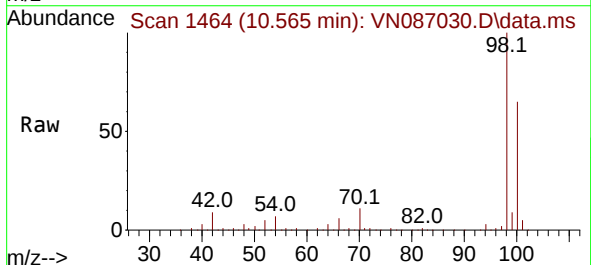
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20250610

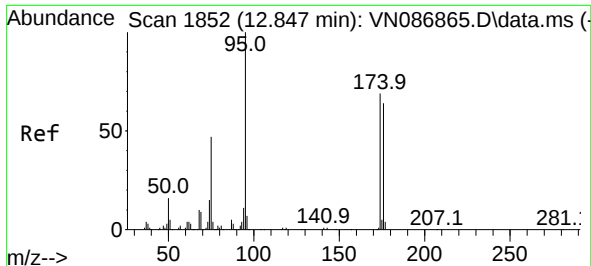
Tgt Ion: 98 Resp: 486340
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 218.9 34.2 51.4#

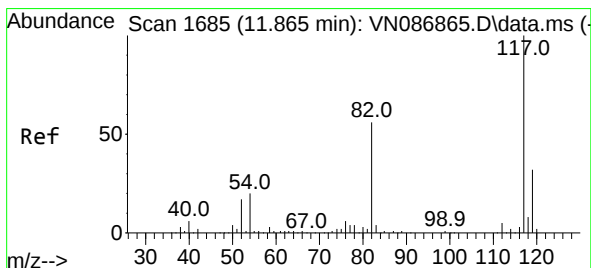
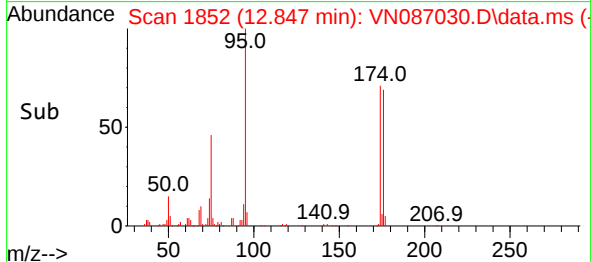
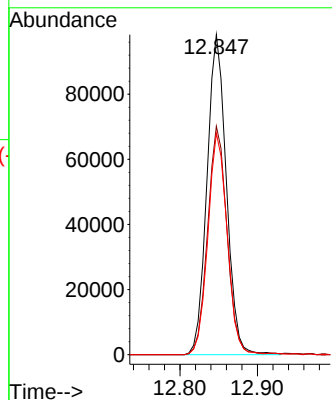
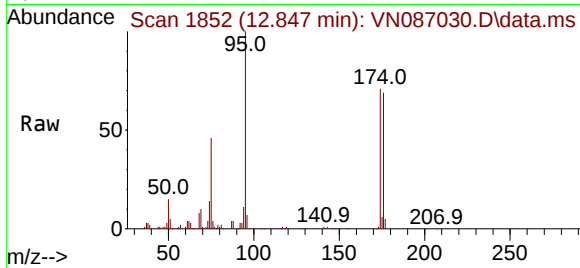




#62
4-Bromofluorobenzene
Concen: 49.613 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

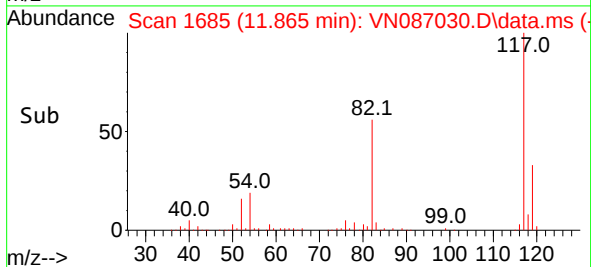
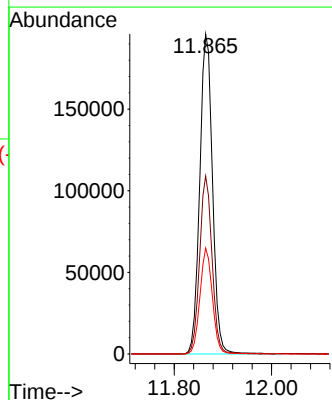
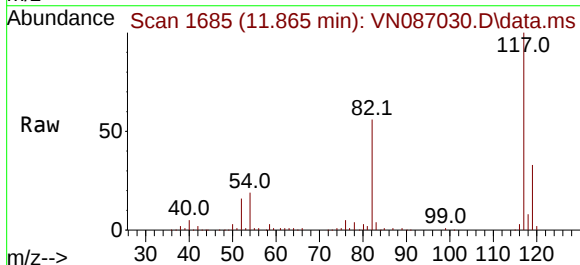
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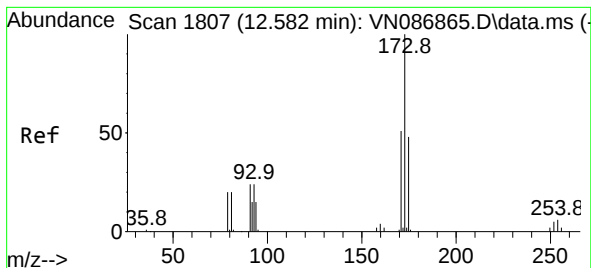
Tgt Ion: 95 Resp: 170571
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.7 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion: 117 Resp: 358386
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 33.1 25.5 38.3





#71

Bromoform

Concen: 0.411 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN087030.D

Acq: 16 Jun 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20250610

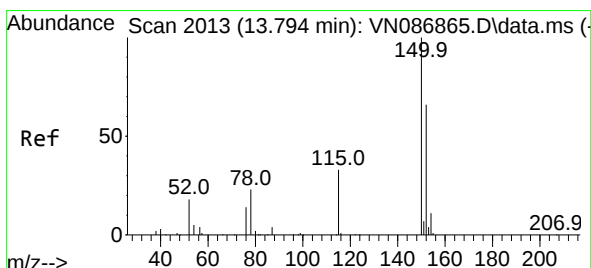
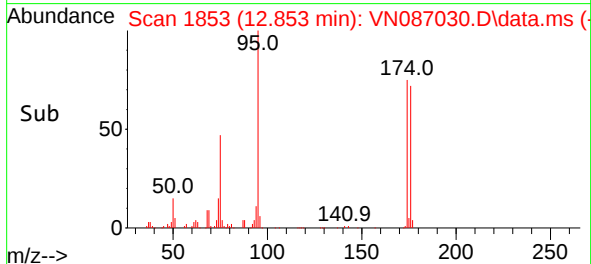
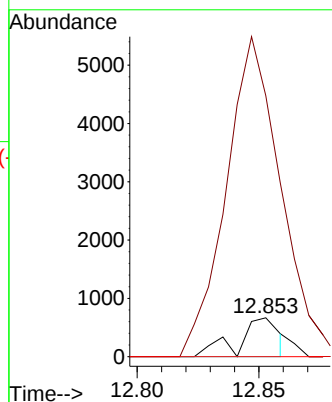
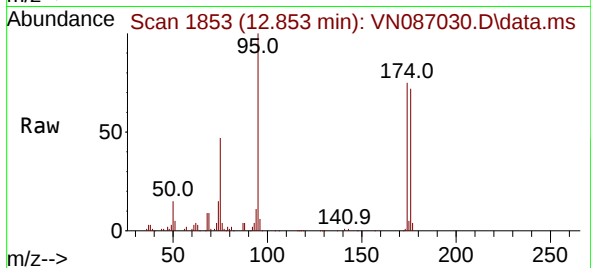
Tgt Ion:173 Resp: 773

Ion Ratio Lower Upper

173 100

175 980.3 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: VN087030.D

Acq: 16 Jun 2025 14:50

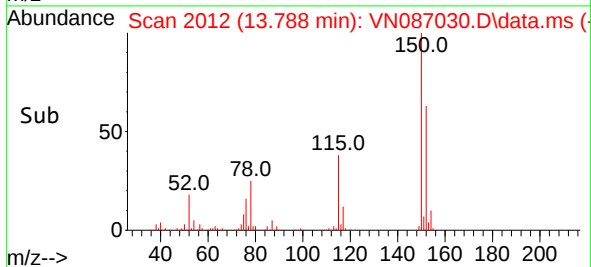
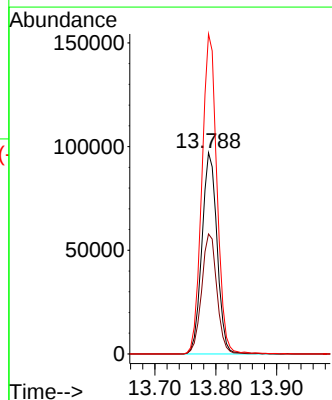
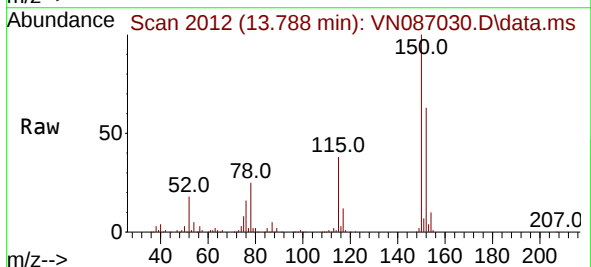
Tgt Ion:152 Resp: 168181

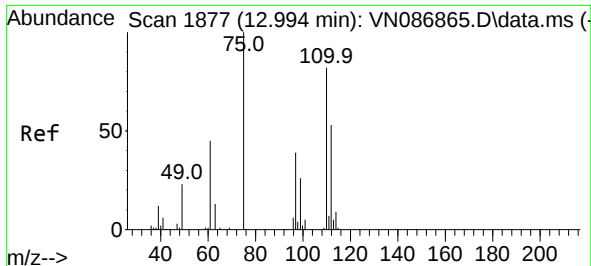
Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.5

150 157.9 0.0 345.0

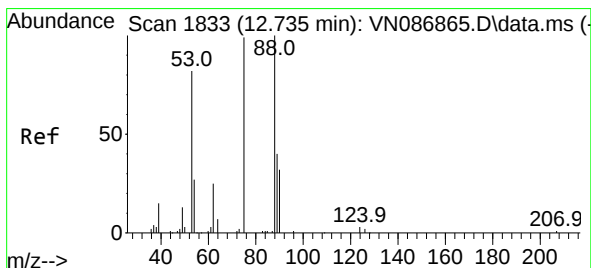
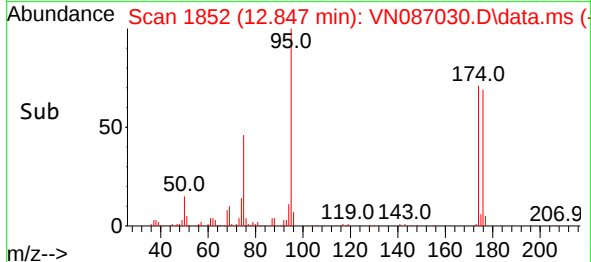
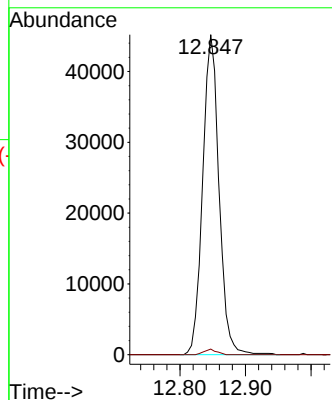
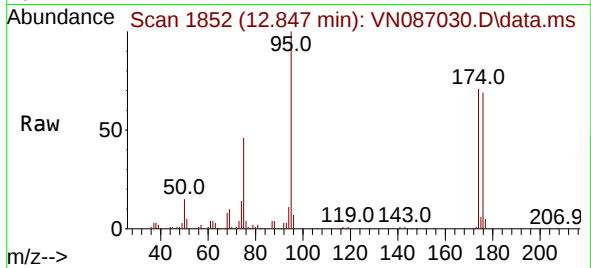




#76
1,2,3-Trichloropropane
Concen: 19.635 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20250610

Tgt Ion: 75 Resp: 78494
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.198 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087030.D
Acq: 16 Jun 2025 14:50

Tgt Ion: 75 Resp: 78494
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

