

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086002.D
 Acq On : 18 Mar 2025 14:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 19 03:39:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

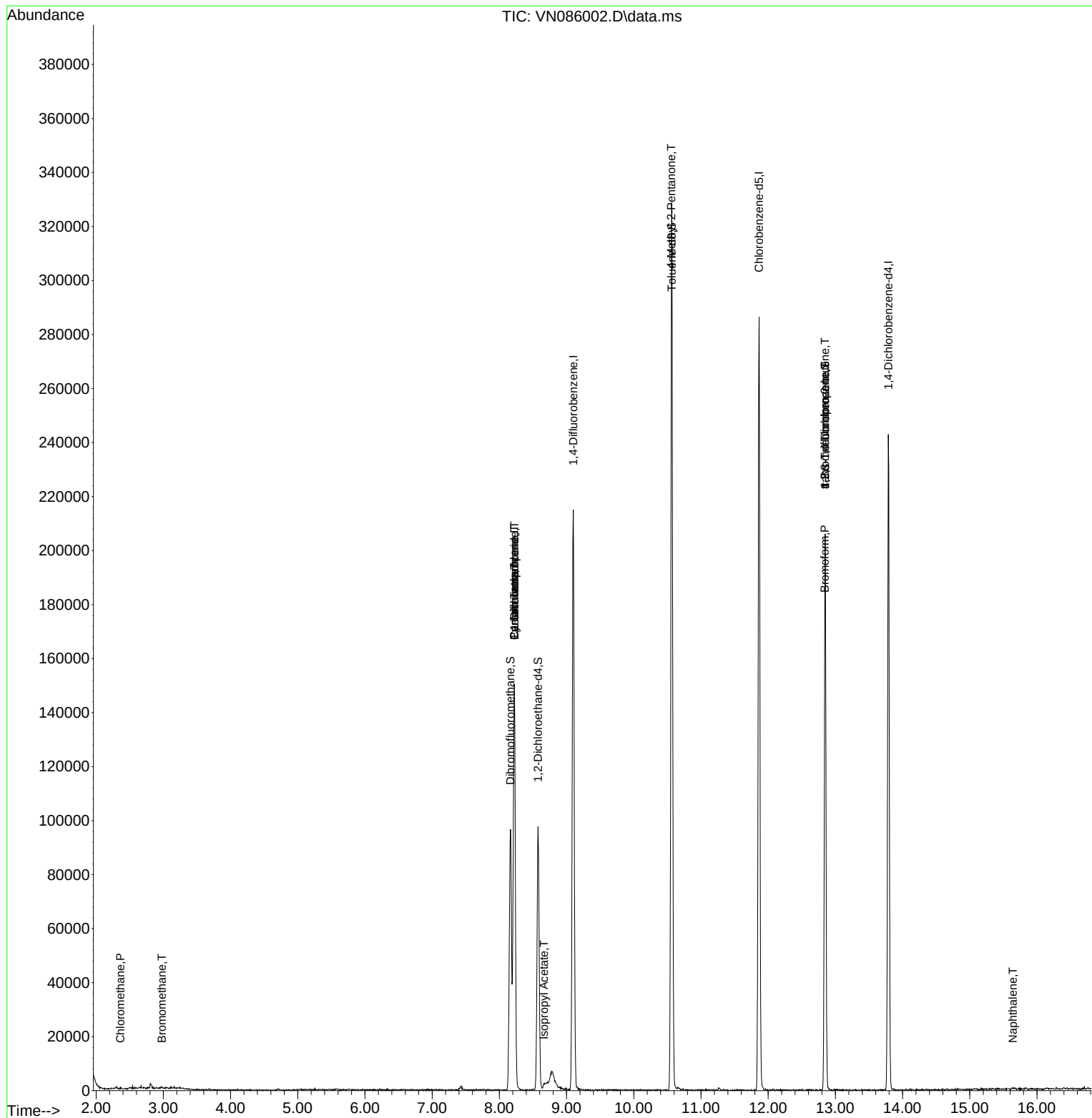
Internal Standards						
1) Pentafluorobenzene	8.224	168	109343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	188078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	70479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	82852	55.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.680%	
35) Dibromofluoromethane	8.165	113	71003	54.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.180%	
50) Toluene-d8	10.565	98	228831	48.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.847	95	72079	42.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 84.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	258	0.203	ug/l #	42
5) Bromomethane	2.977	94	207	0.234	ug/l	86
31) Cyclohexane	8.224	56	2019	1.082	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	8347	4.829	ug/l #	50
38) Carbon Tetrachloride	8.224	117	11586	5.098	ug/l #	18
43) Isopropyl Acetate	8.665	43	1456	0.461	ug/l #	50
51) 4-Methyl-2-Pentanone	10.559	43	812	0.583	ug/l #	1
71) Bromoform	12.841	173	280	0.227	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	35879	22.739	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	35879	60.117	ug/l #	16
95) Naphthalene	15.641	128	916	0.262	ug/l #	69

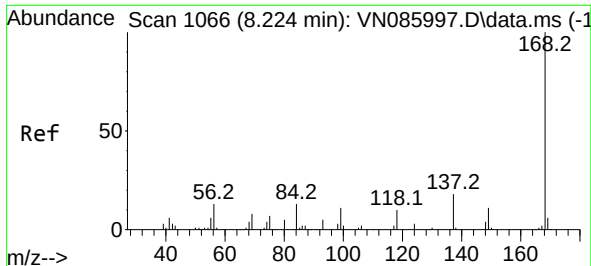
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
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Quant Time: Mar 19 03:39:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
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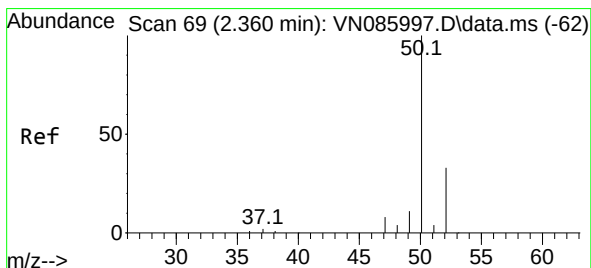
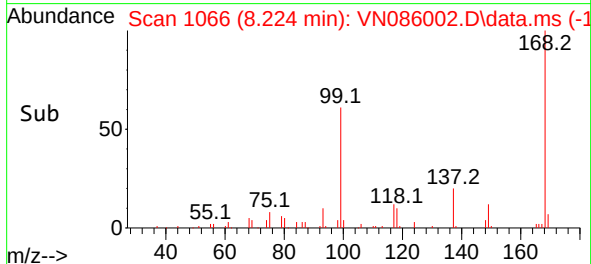
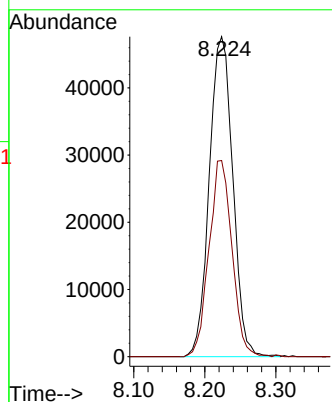
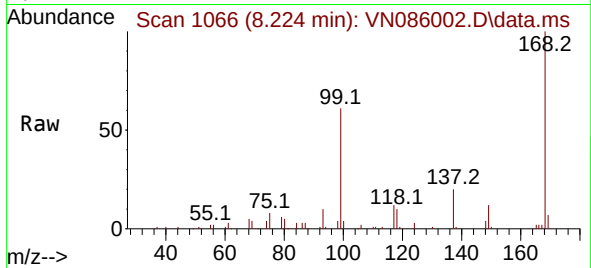




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

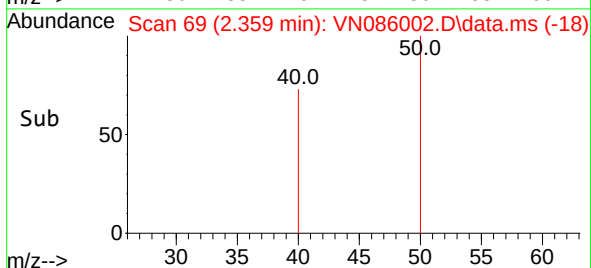
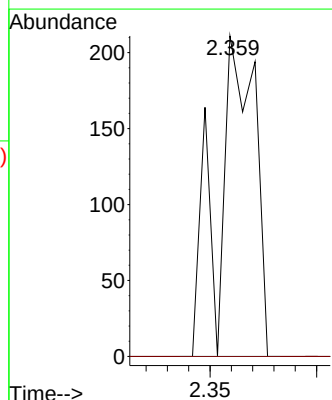
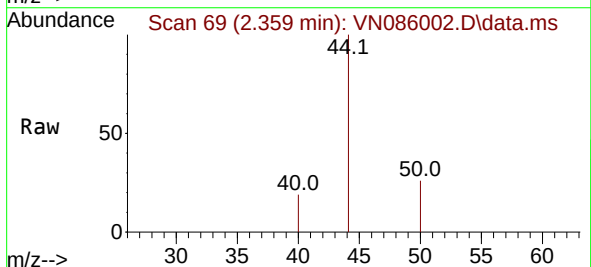
Instrument :
MSVOA_N
ClientSampleId :
IBLK

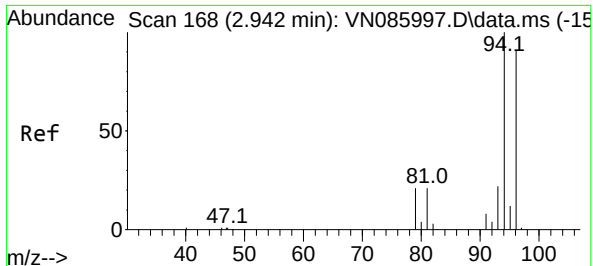
Tgt Ion:168 Resp: 109343
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 50 Resp: 258
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

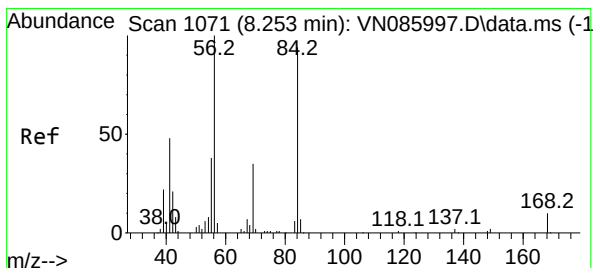
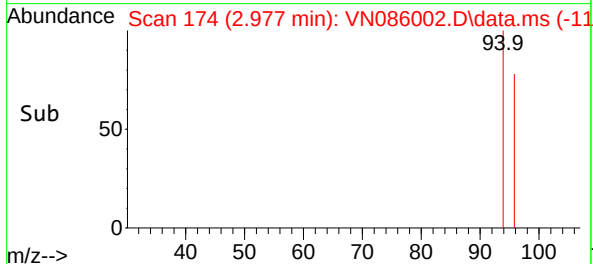
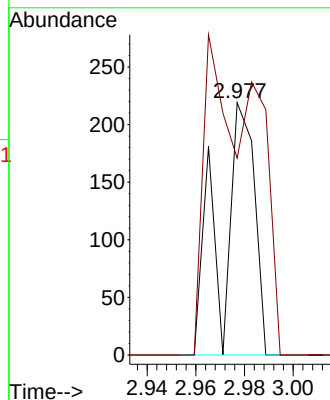
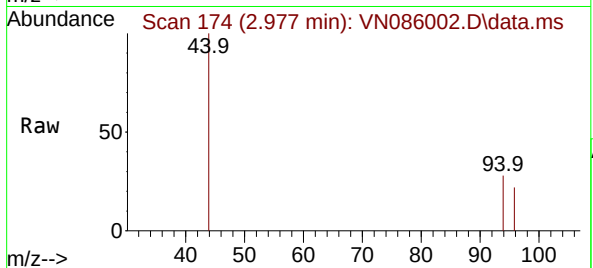




#5
Bromomethane
Concen: 0.234 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

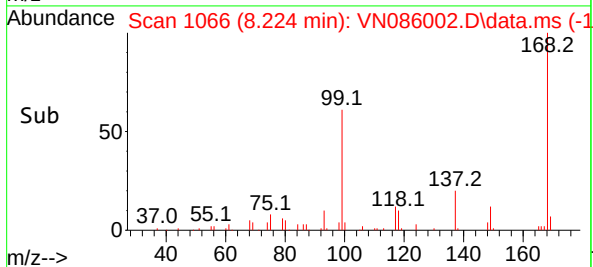
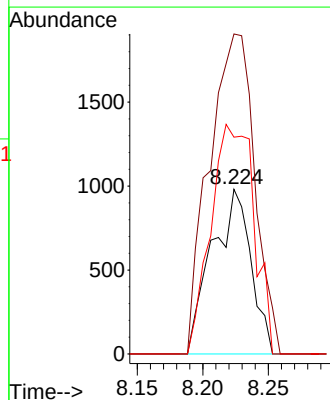
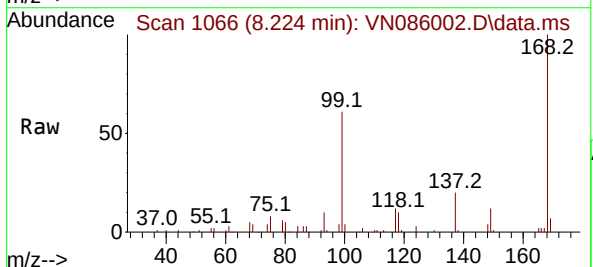
Instrument :
MSVOA_N
ClientSampleId :
IBLK

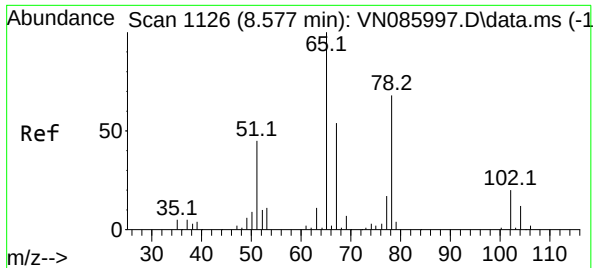
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 78.1 72.8 109.2



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 56 Resp: 2019
Ion Ratio Lower Upper
56 100
69 194.3 28.0 42.0#
84 131.6 75.0 112.6#





#33

1,2-Dichloroethane-d4

Concen: 55.335 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

Instrument :

MSVOA_N

ClientSampleId :

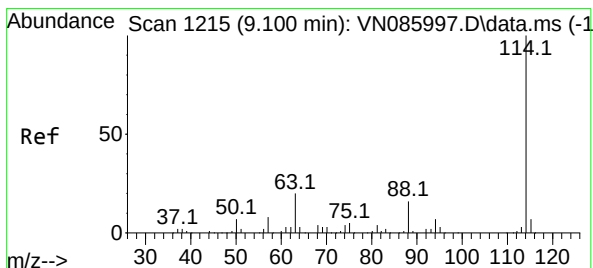
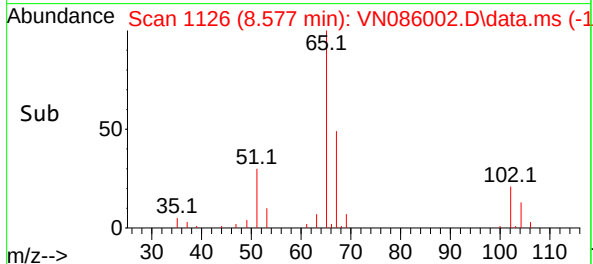
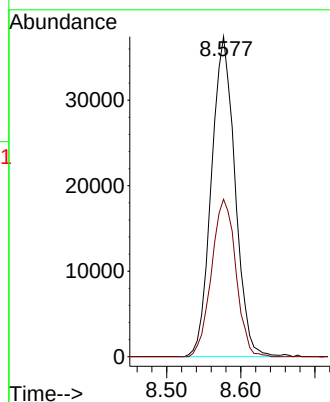
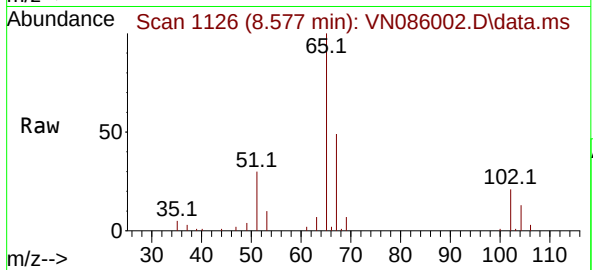
IBLK

Tgt Ion: 65 Resp: 82852

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

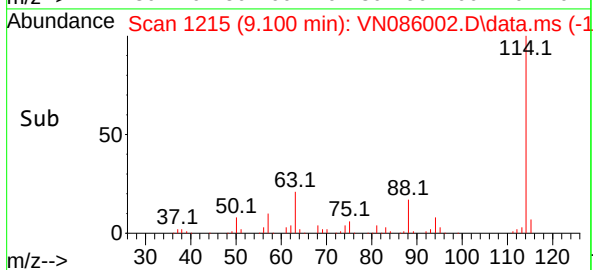
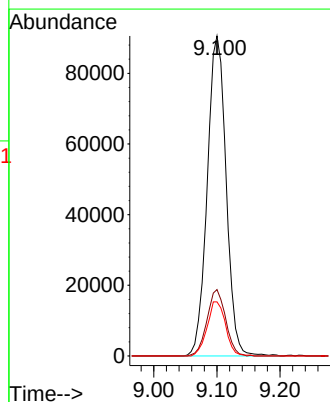
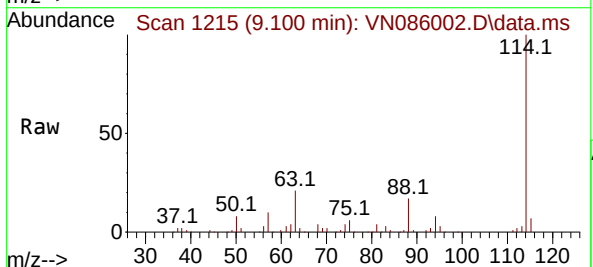
Tgt Ion: 114 Resp: 188078

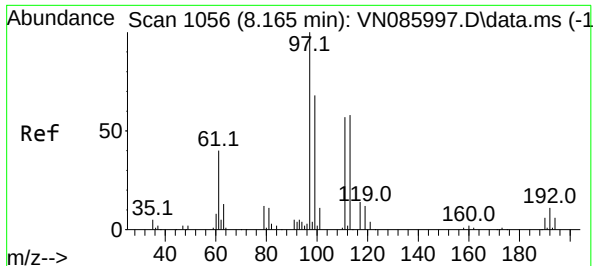
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.087 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

Instrument :

MSVOA_N

ClientSampleId :

IBLK

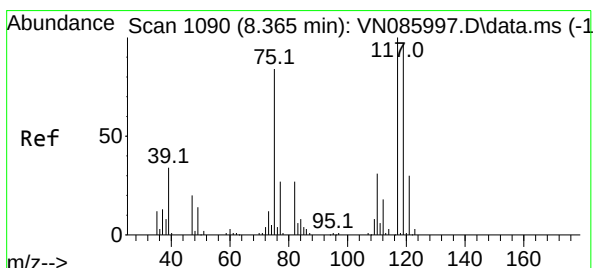
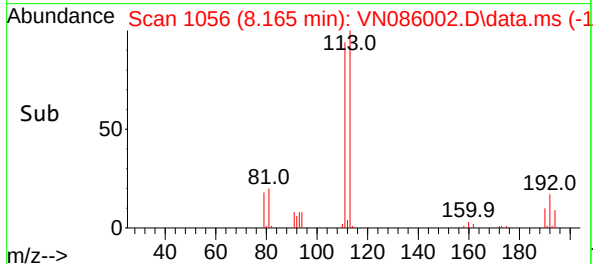
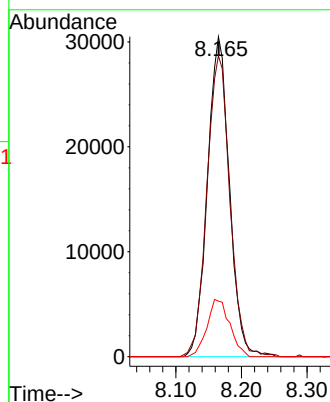
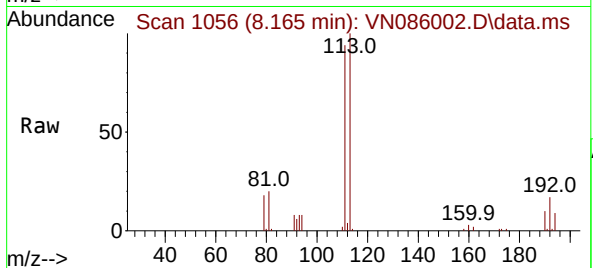
Tgt Ion:113 Resp: 71003

Ion Ratio Lower Upper

113 100

111 98.5 81.8 122.8

192 18.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

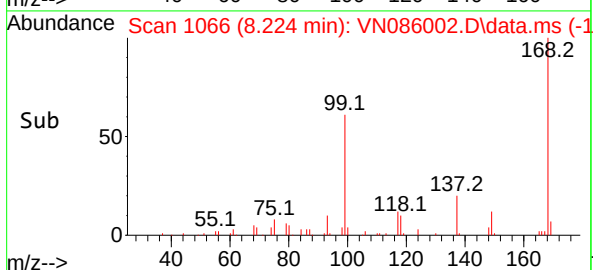
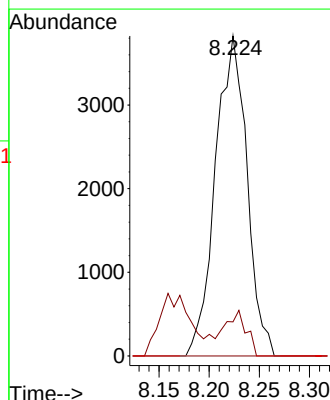
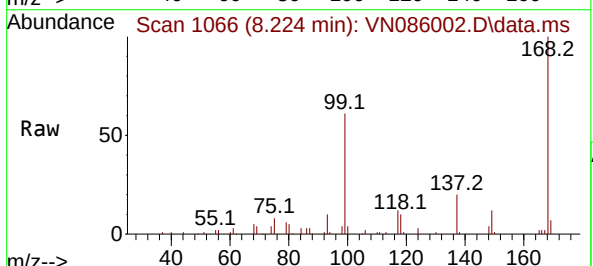
Tgt Ion: 75 Resp: 8347

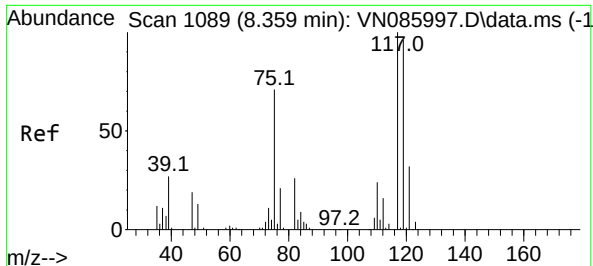
Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.3#

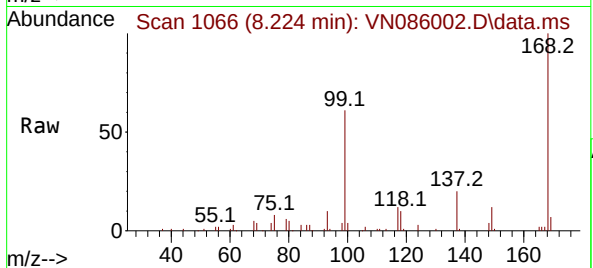
77 0.0 25.0 37.4#



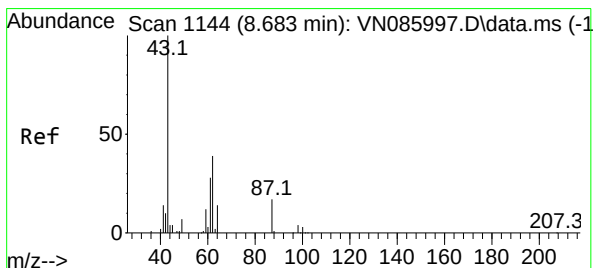
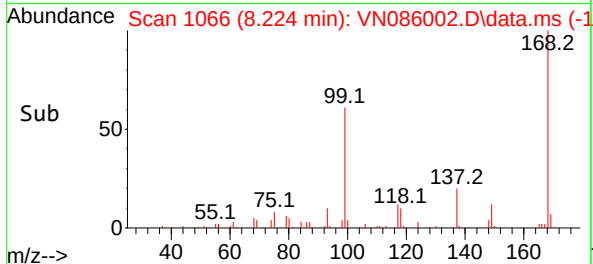
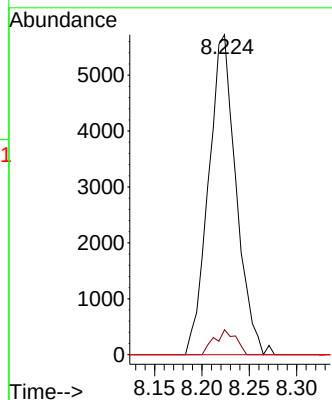


#38
Carbon Tetrachloride
Concen: 5.098 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK

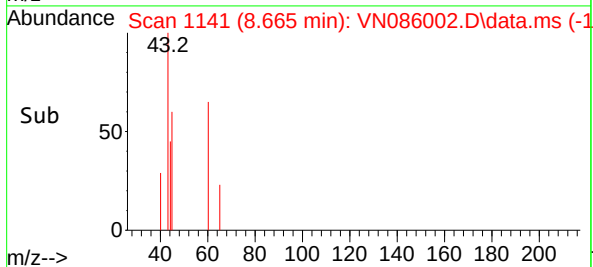
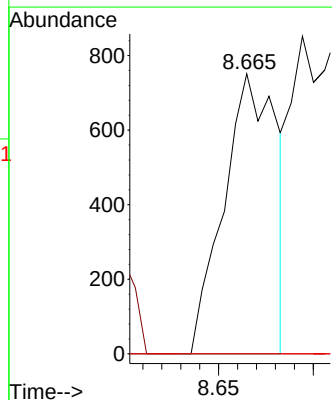
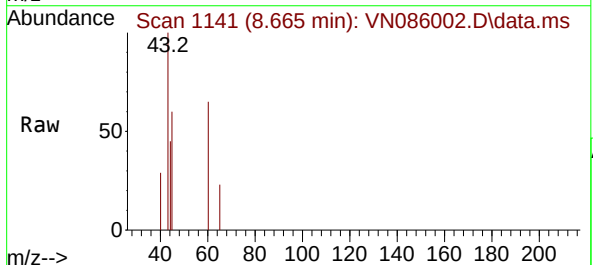


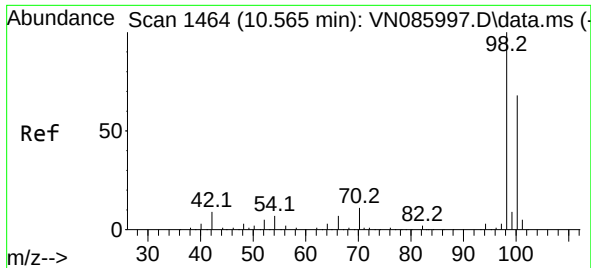
Tgt Ion:117 Resp: 11586
Ion Ratio Lower Upper
117 100
119 7.8 77.0 115.4#
121 0.0 25.6 38.4#



#43
Isopropyl Acetate
Concen: 0.461 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#

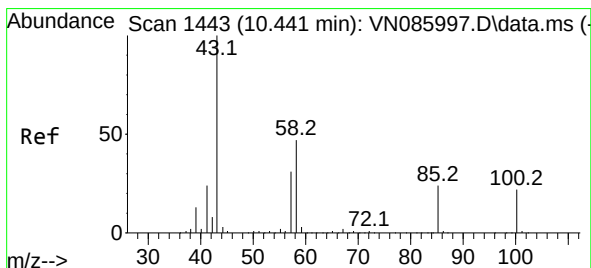
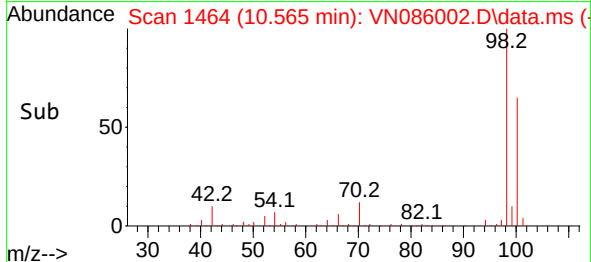
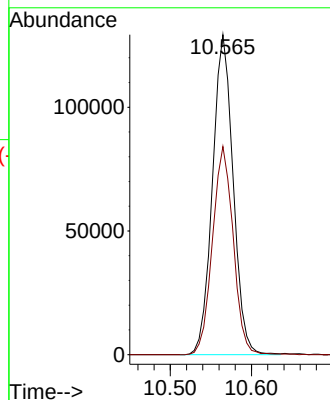
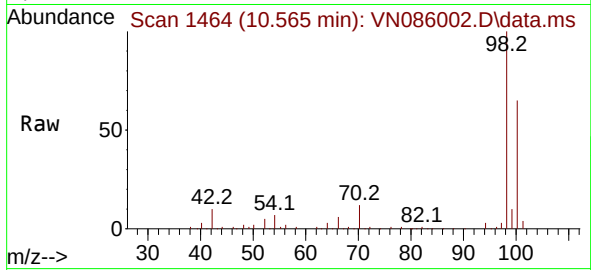




#50
Toluene-d8
Concen: 48.029 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

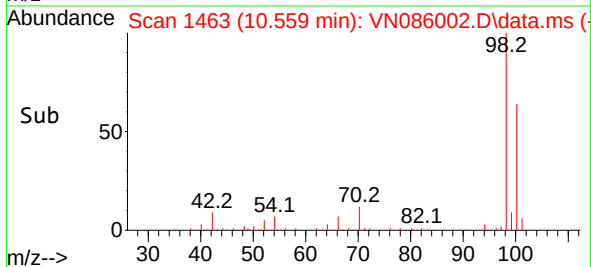
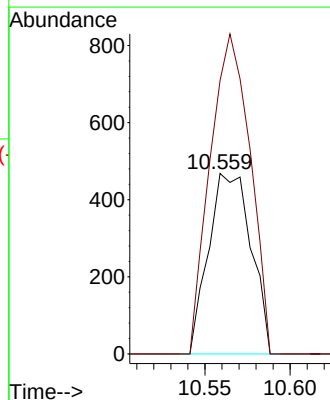
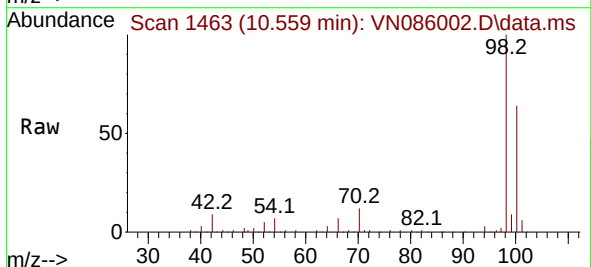
Instrument :
MSVOA_N
ClientSampleId :
IBLK

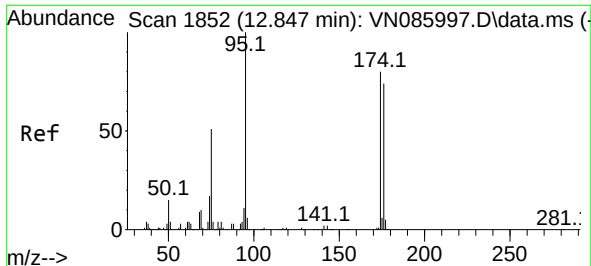
Tgt Ion: 98 Resp: 228831
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 167.0 37.4 56.0#

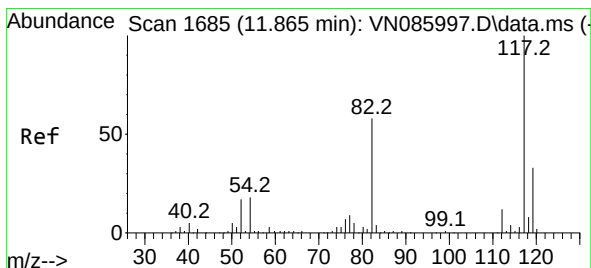
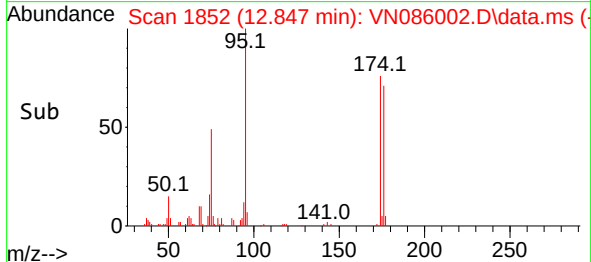
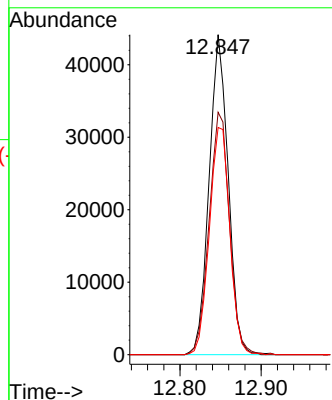
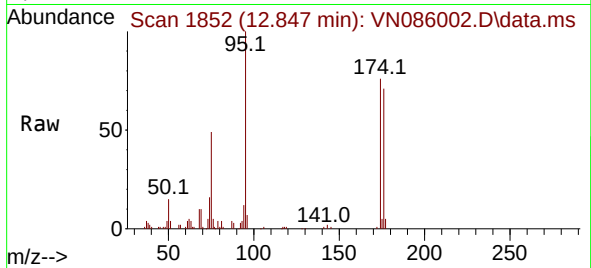




#62
4-Bromofluorobenzene
Concen: 42.421 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

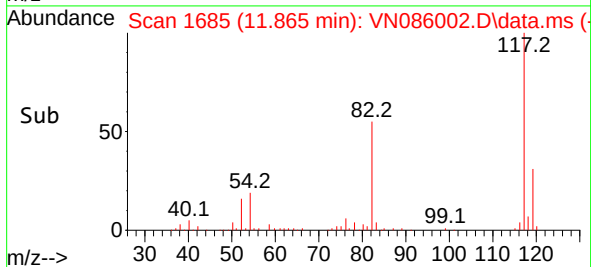
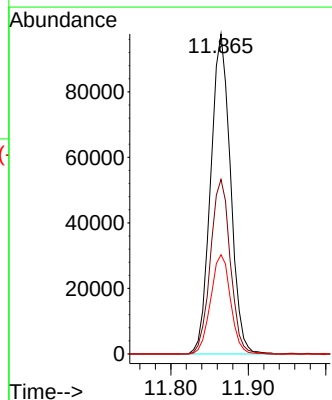
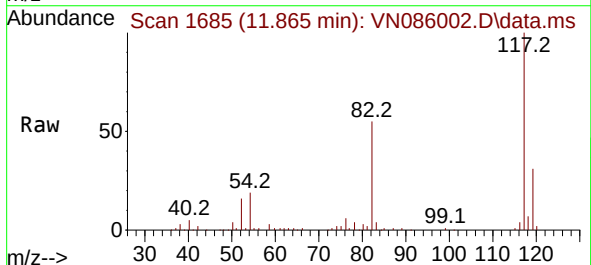
Instrument :
MSVOA_N
ClientSampleId :
IBLK

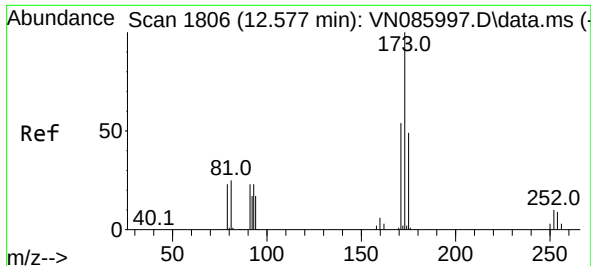
Tgt Ion: 95 Resp: 72079
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.8
176 76.1 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 117 Resp: 173164
Ion Ratio Lower Upper
117 100
82 54.5 46.7 70.1
119 31.0 26.5 39.7

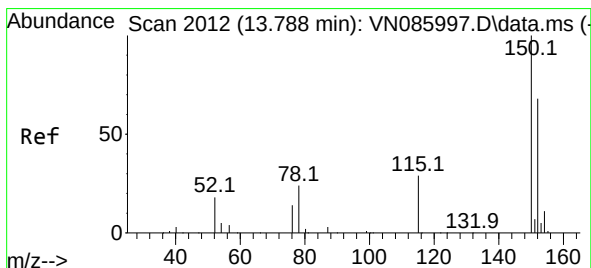
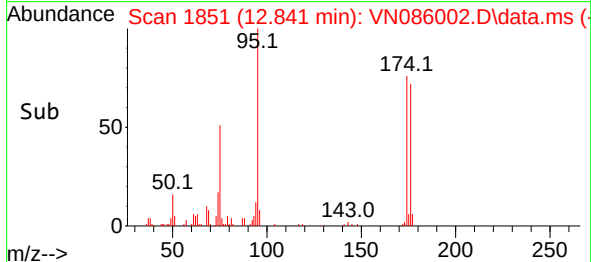
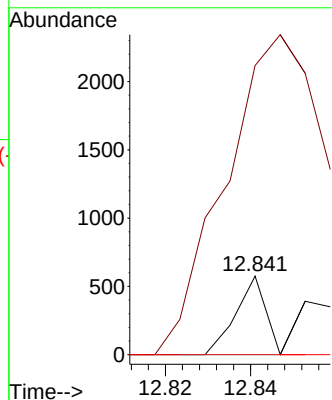
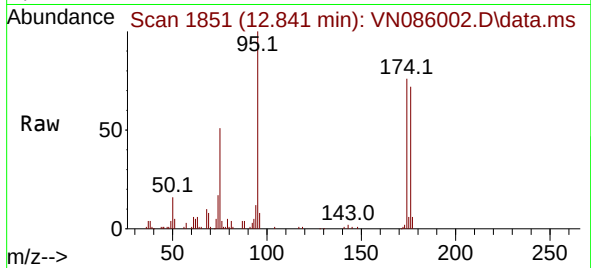




#71
Bromoform
Concen: 0.227 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

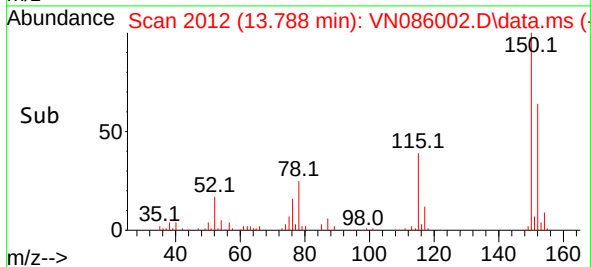
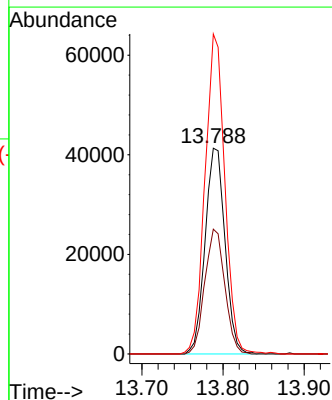
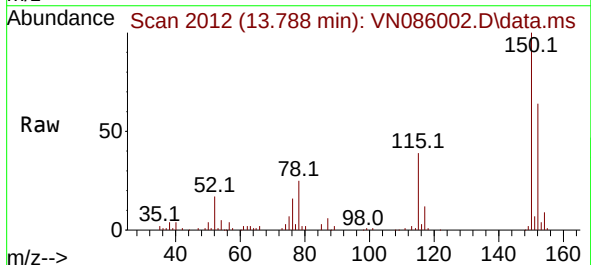
Instrument :
MSVOA_N
ClientSampleId :
IBLK

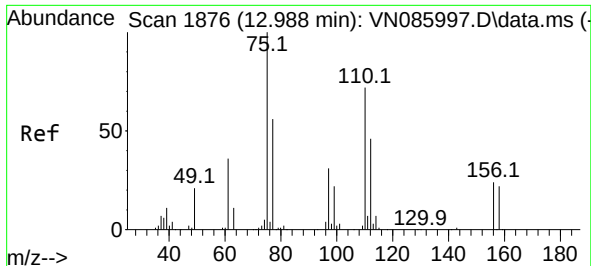
Tgt Ion:173 Resp: 280
Ion Ratio Lower Upper
173 100
175 1141.4 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion:152 Resp: 70479
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.2
150 154.1 0.0 359.6

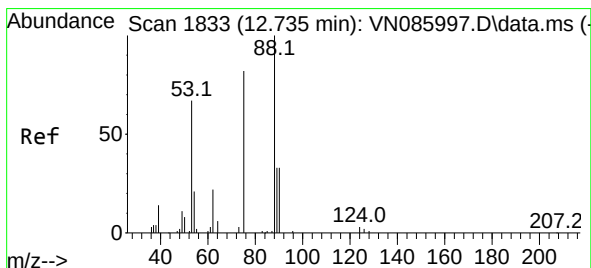
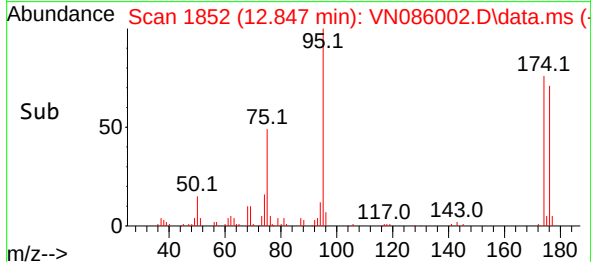
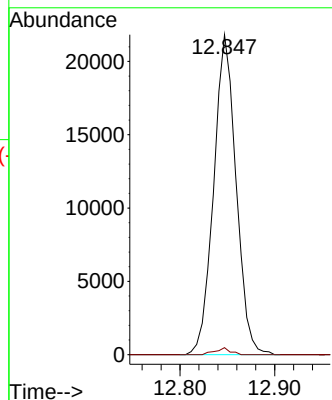
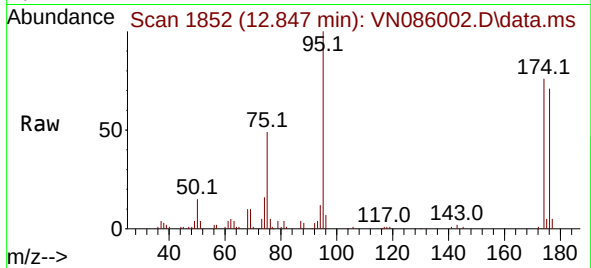




#76
1,2,3-Trichloropropane
Concen: 22.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

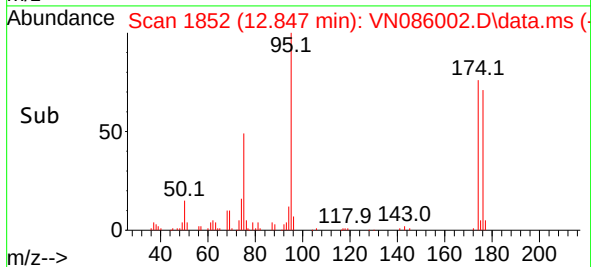
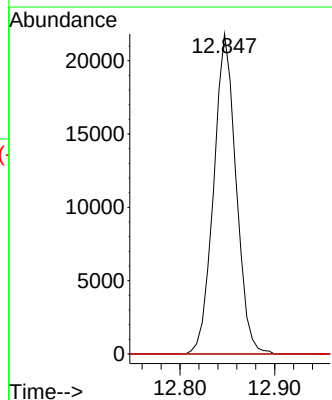
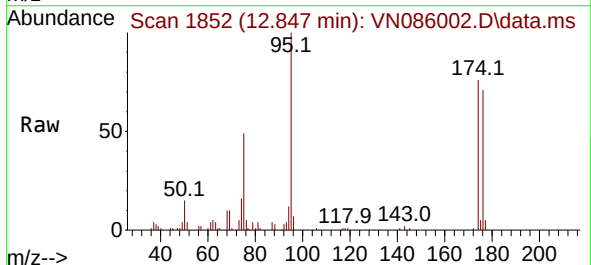
Instrument :
MSVOA_N
ClientSampleId :
IBLK

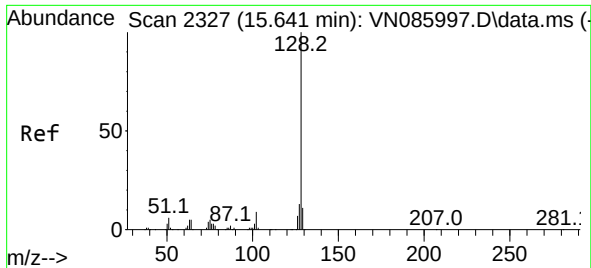
Tgt Ion: 75 Resp: 35879
Ion Ratio Lower Upper
75 100
77 1.5 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.117 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

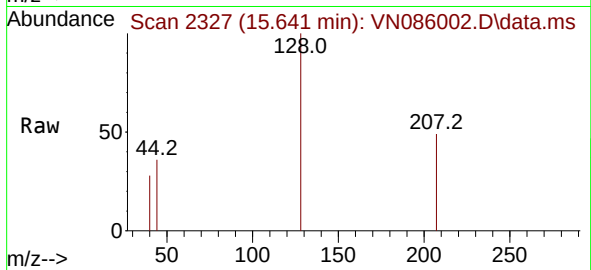
Tgt Ion: 75 Resp: 35879
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.262 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	9.0	13.6#

