

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075958.D
 Acq On : 23 Dec 2022 11:54
 Operator : JC\MD
 Sample : N6198-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-122222

Quant Time: Dec 26 04:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

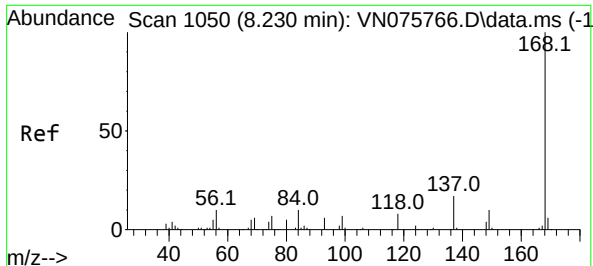
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	329654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174949	48.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.177	113	159125	48.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.571	98	617447	50.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.853	95	191331	47.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.140%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.289	84	907	Below Cal	#	86
31) Cyclohexane	8.230	56	6154	1.198	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23532	5.454	ug/l #	49
38) Carbon Tetrachloride	8.236	117	32864	6.805	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	2397	0.693	ug/l #	1
71) Bromoform	12.853	173	1653	0.640	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	99573	25.278	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99573	90.990	ug/l #	12
95) Naphthalene	15.641	128	917	2.260	ug/l #	79

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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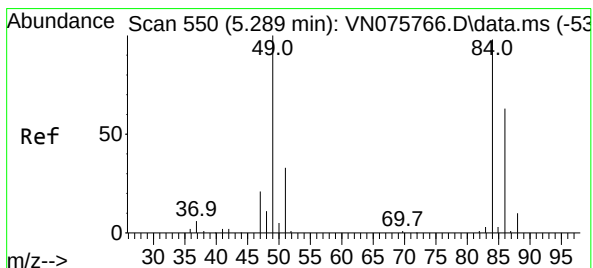
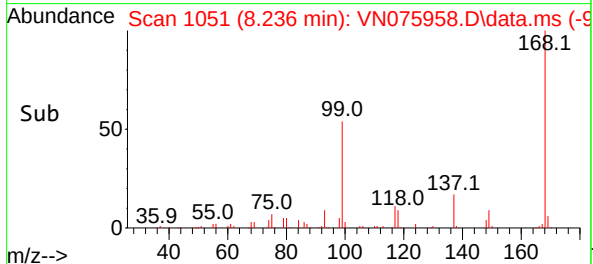
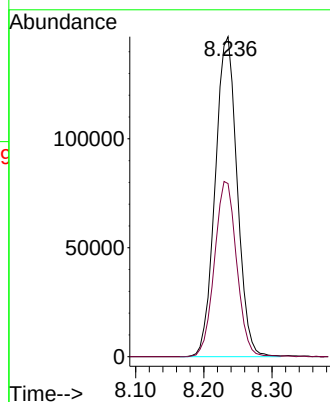
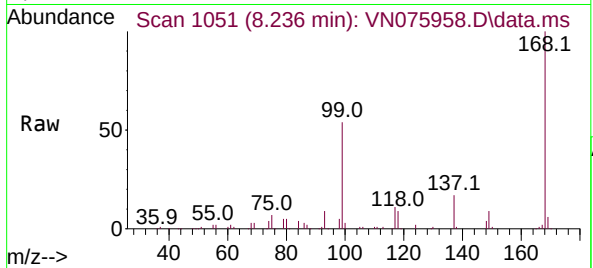




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

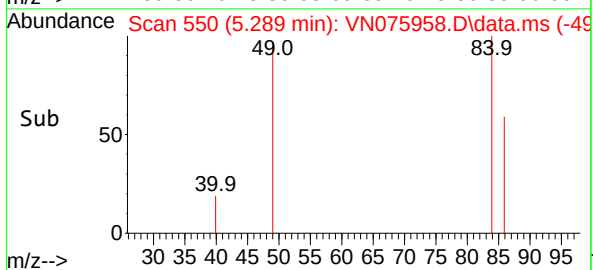
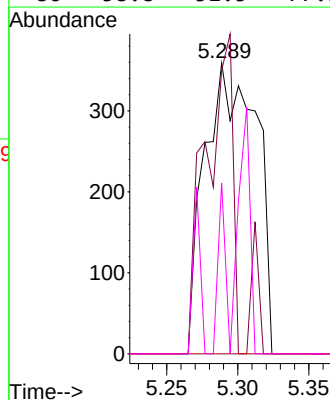
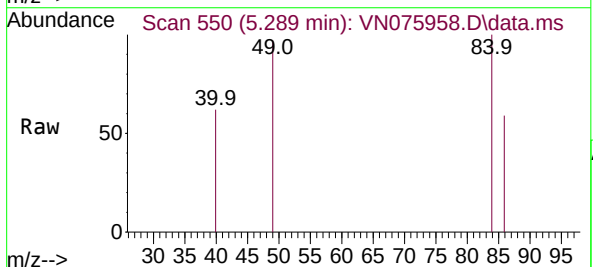
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122222

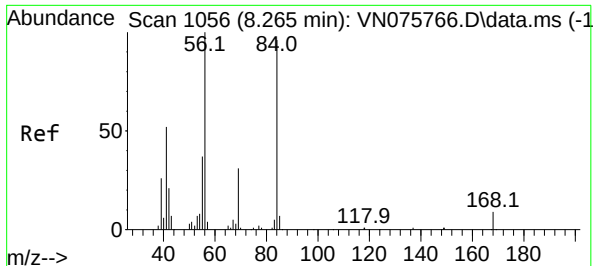
Tgt Ion:168 Resp: 329654
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 84 Resp: 907
Ion Ratio Lower Upper
84 100
49 97.5 81.8 122.6
51 0.0 26.7 40.1#
86 58.8 51.5 77.3

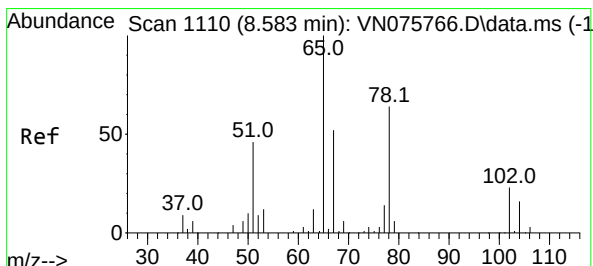
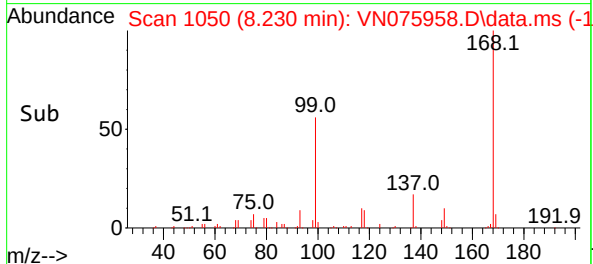
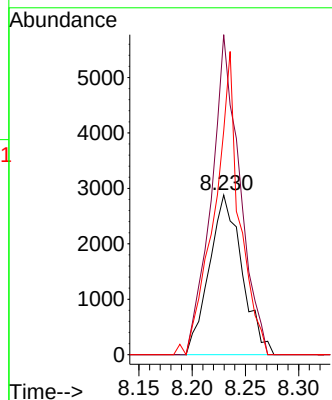
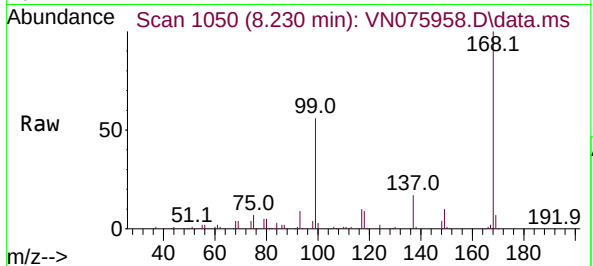




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

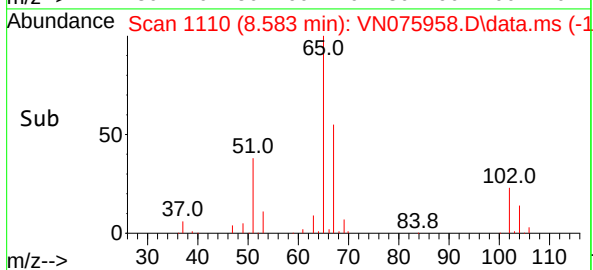
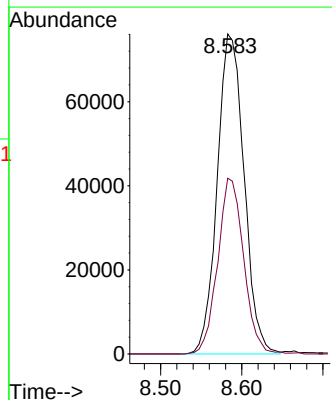
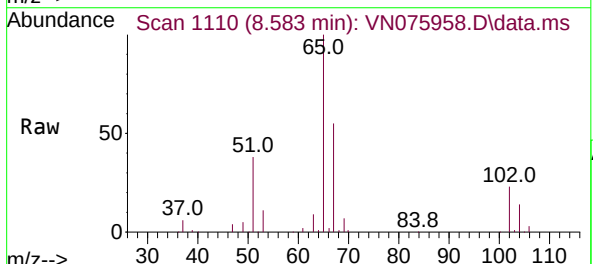
Instrument :
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ClientSampleId :
TB-01-122222

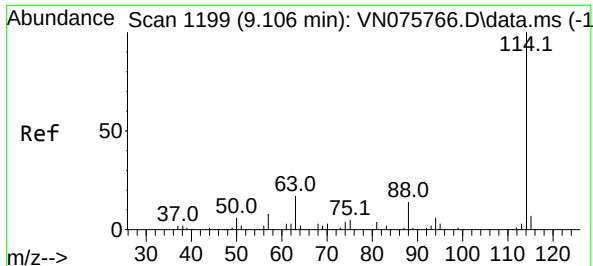
Tgt Ion: 56 Resp: 6154
Ion Ratio Lower Upper
56 100
69 200.5 24.7 37.1#
84 140.3 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 48.782 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 65 Resp: 174949
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075958.D

Acq: 23 Dec 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122222

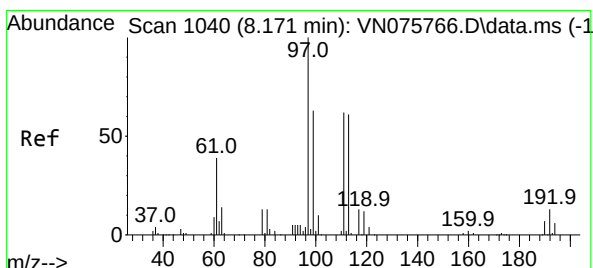
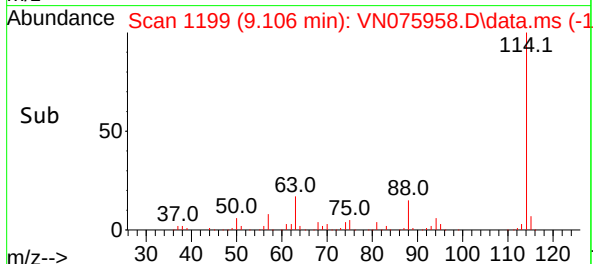
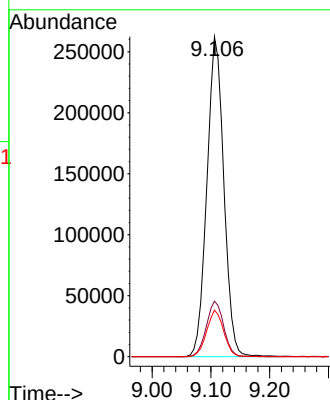
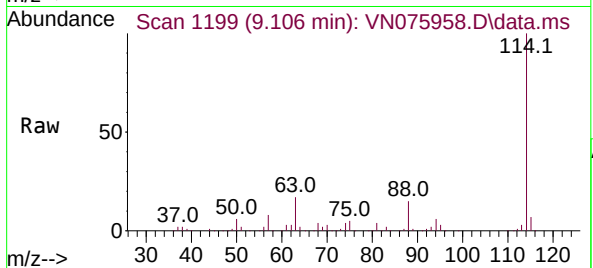
Tgt Ion:114 Resp: 524501

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.989 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075958.D

Acq: 23 Dec 2022 11:54

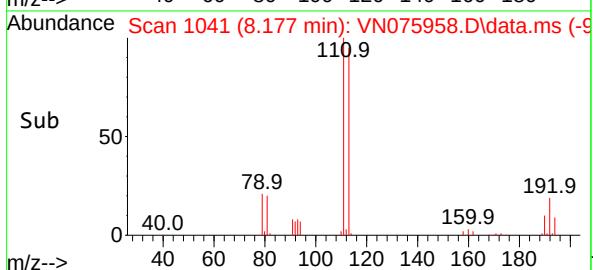
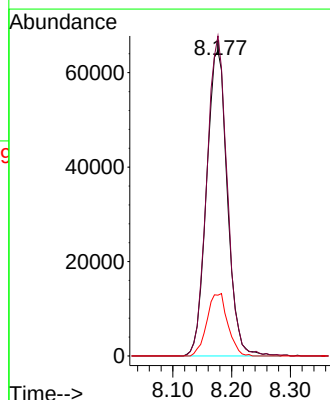
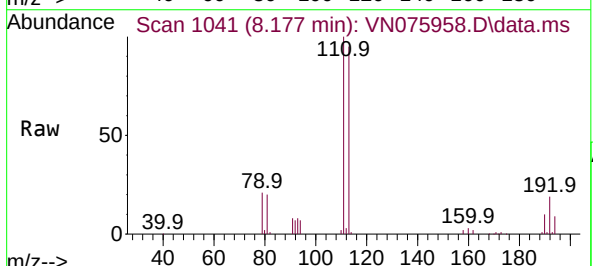
Tgt Ion:113 Resp: 159125

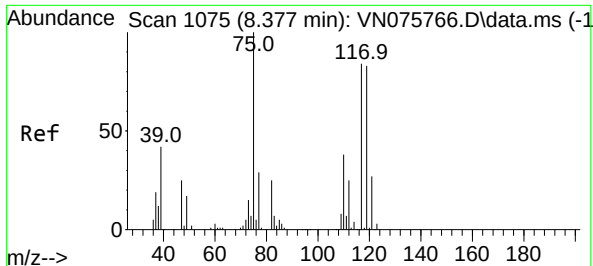
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.454 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075958.D

Acq: 23 Dec 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122222

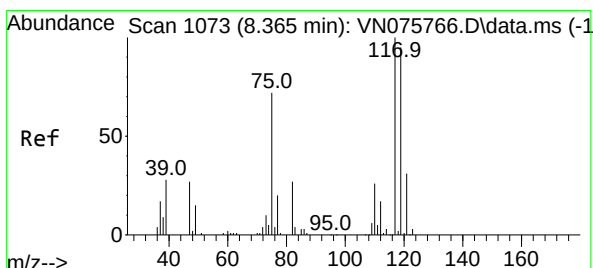
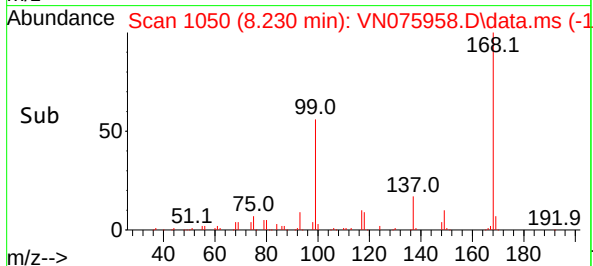
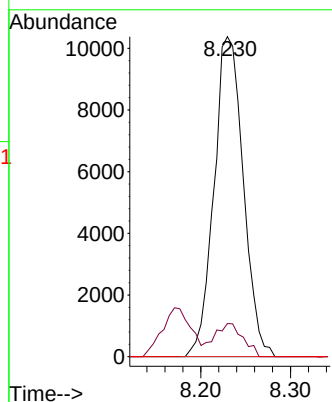
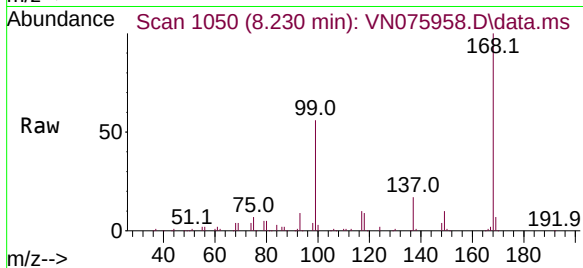
Tgt Ion: 75 Resp: 23532

Ion Ratio Lower Upper

75 100

110 9.6 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.805 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN075958.D

Acq: 23 Dec 2022 11:54

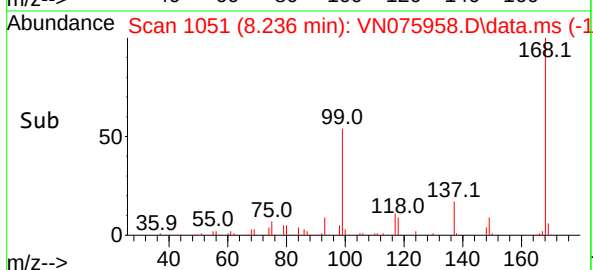
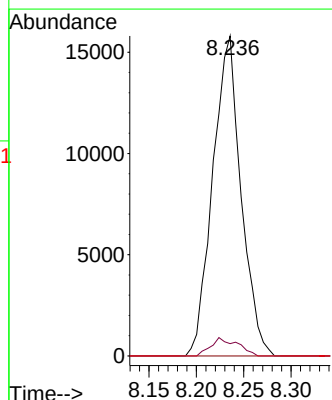
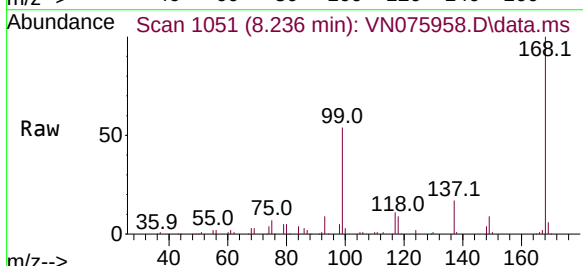
Tgt Ion: 117 Resp: 32864

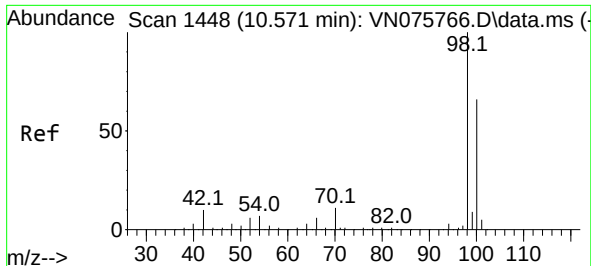
Ion Ratio Lower Upper

117 100

119 3.9 76.1 114.1#

121 0.0 24.5 36.7#

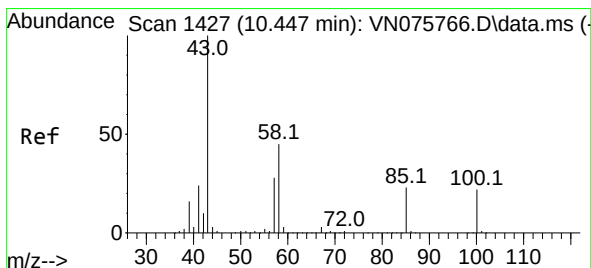
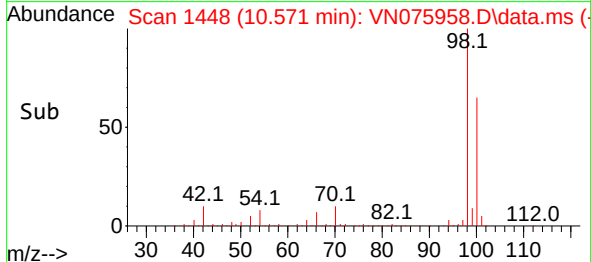
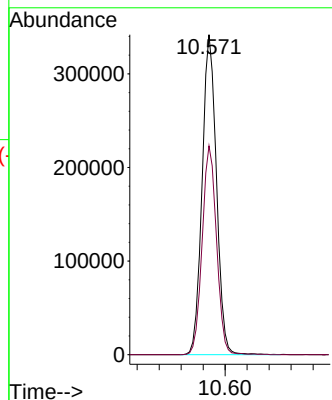
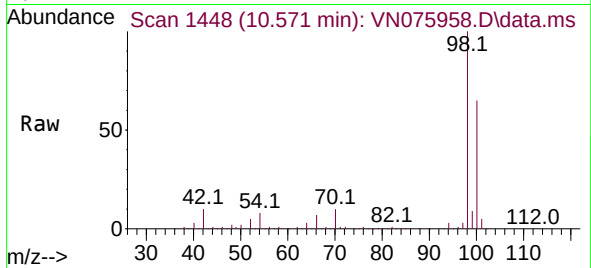




#50
Toluene-d8
Concen: 50.842 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

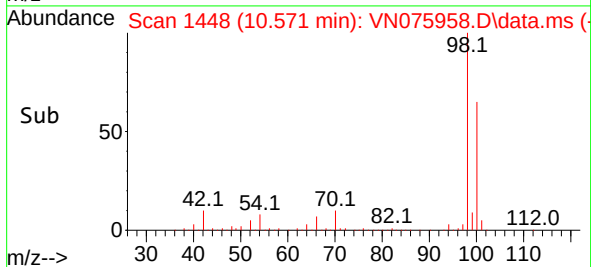
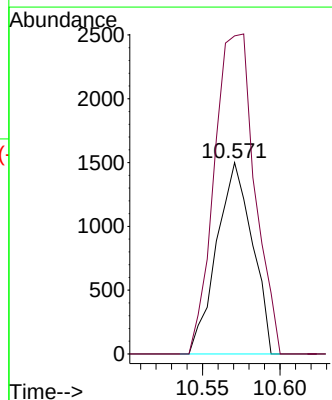
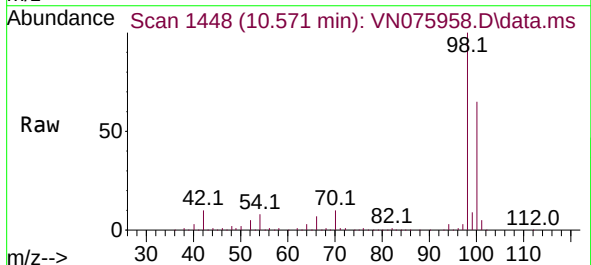
Instrument :
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ClientSampleId :
TB-01-122222

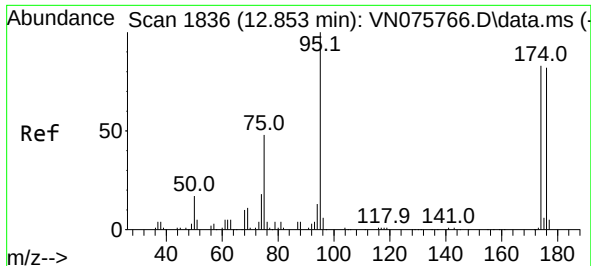
Tgt Ion: 98 Resp: 617447
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.693 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
58 189.9 35.5 53.3#

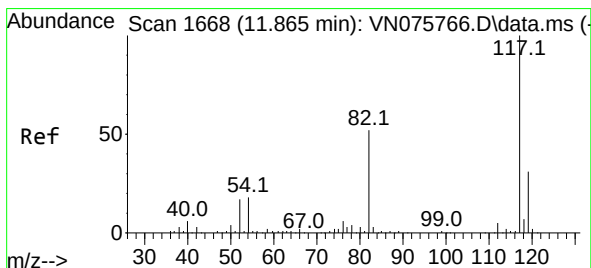
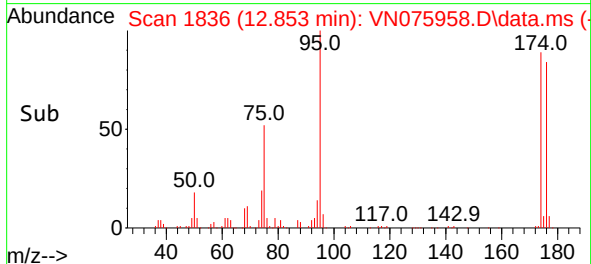
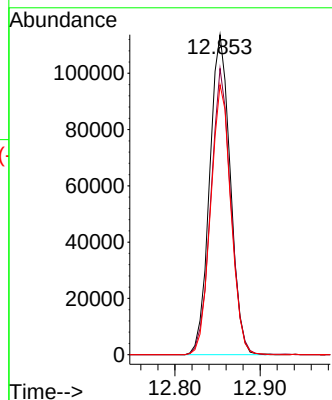
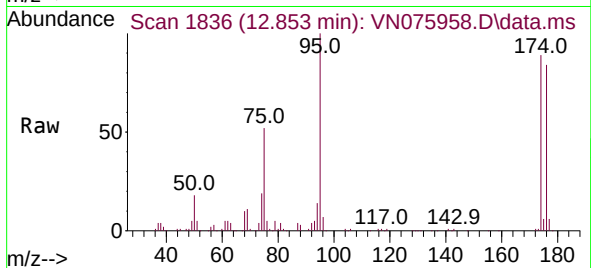




#62
4-Bromofluorobenzene
Concen: 47.567 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

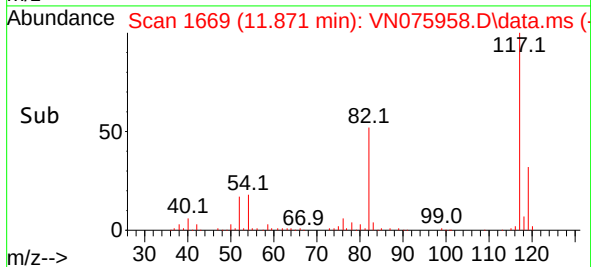
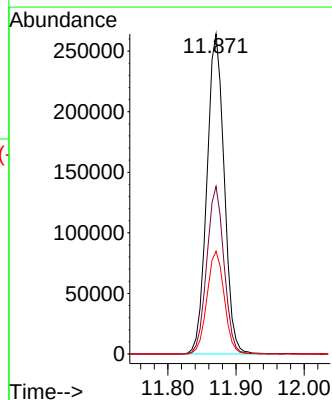
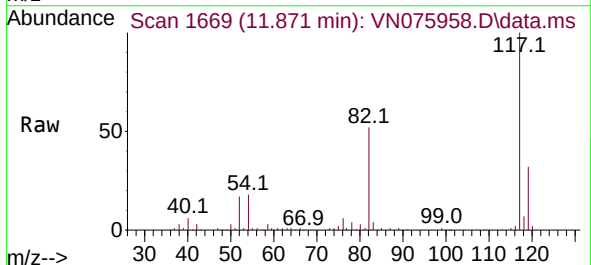
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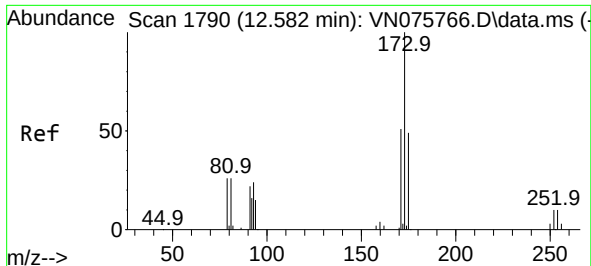
Tgt Ion: 95 Resp: 191331
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 82.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 117 Resp: 466706
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.1 24.6 37.0

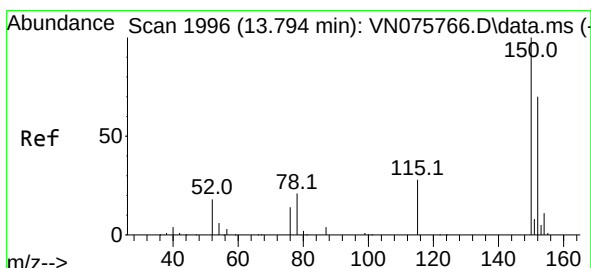
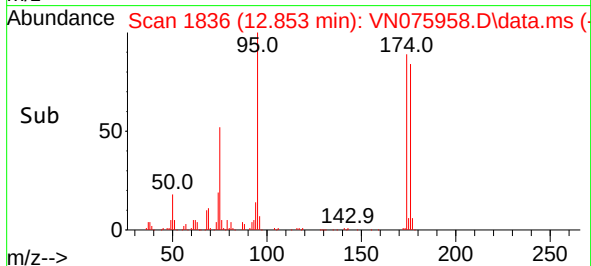
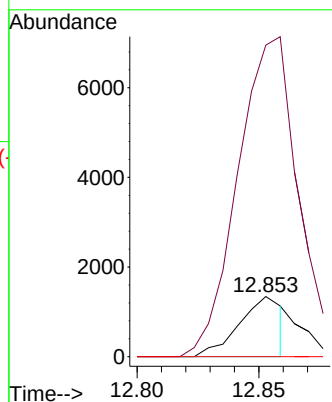
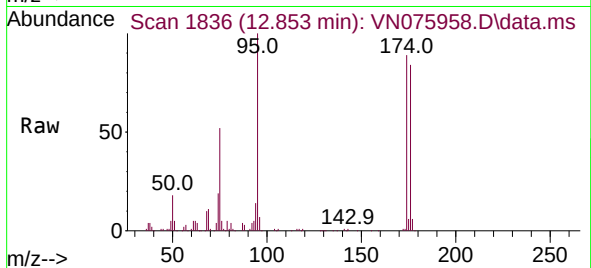




#71
Bromoform
Concen: 0.640 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

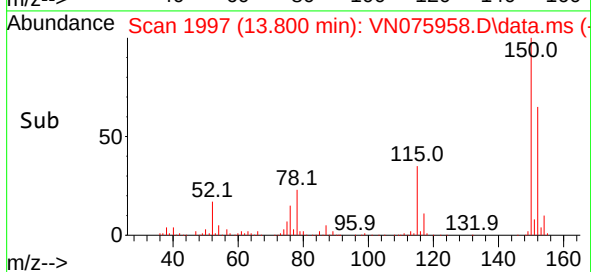
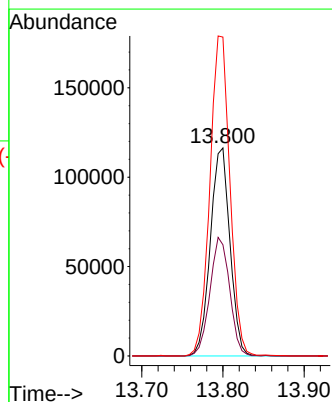
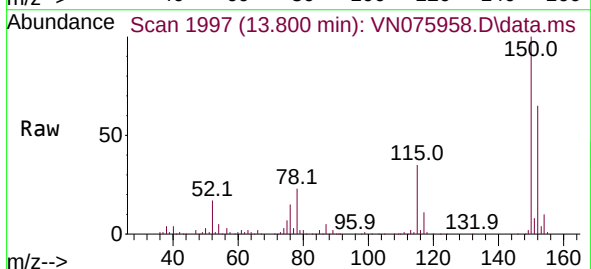
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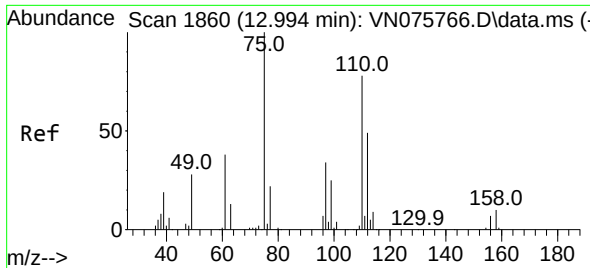
Tgt Ion:173 Resp: 1653
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Tgt Ion:152 Resp: 195413
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 156.7 0.0 347.0

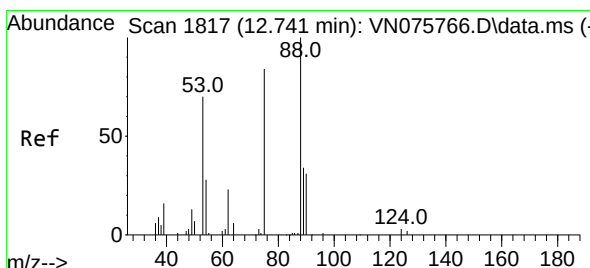
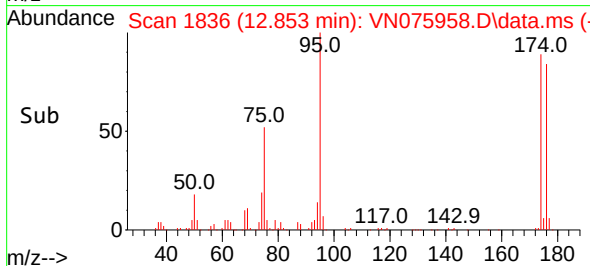
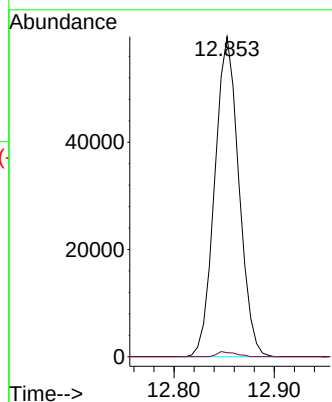
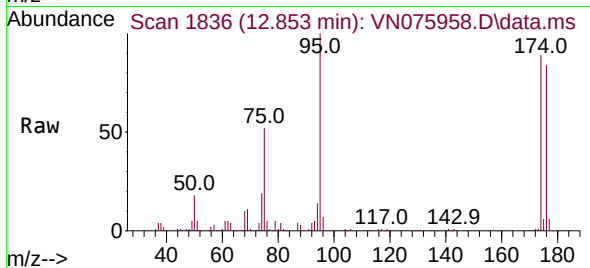




#76
1,2,3-Trichloropropane
Concen: 25.278 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

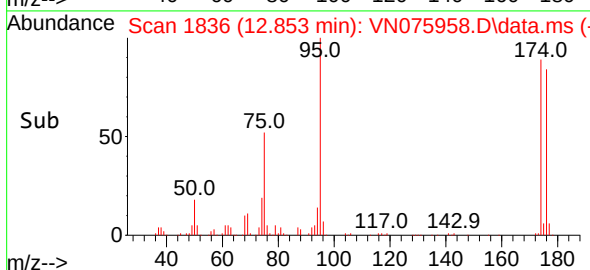
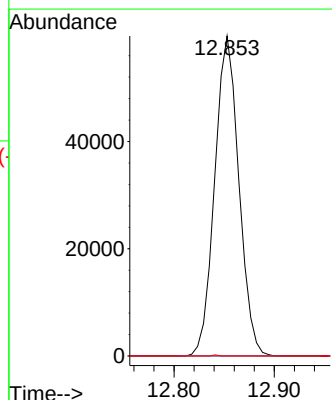
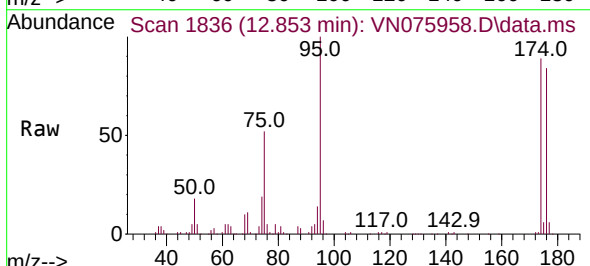
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122222

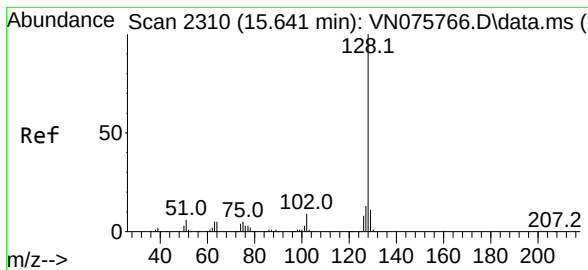
Tgt Ion: 75 Resp: 99573
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.990 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

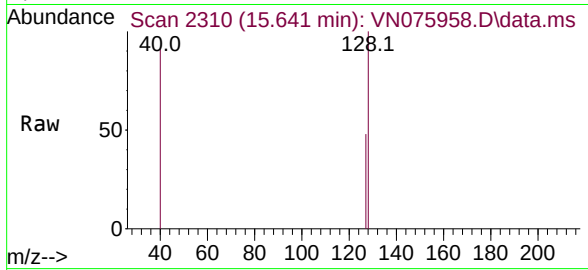
Tgt Ion: 75 Resp: 99573
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
Naphthalene
Concen: 2.260 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075958.D
Acq: 23 Dec 2022 11:54

Instrument :
MSVOA_N
ClientSampleId :
TB-01-122222



Tgt Ion:128 Resp: 917
Ion Ratio Lower Upper
128 100
127 7.3 10.4 15.6#
129 0.0 8.7 13.1#

