

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075846.D
 Acq On : 16 Dec 2022 14:38
 Operator : JC\MD
 Sample : N6076-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 17 08:39:53 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

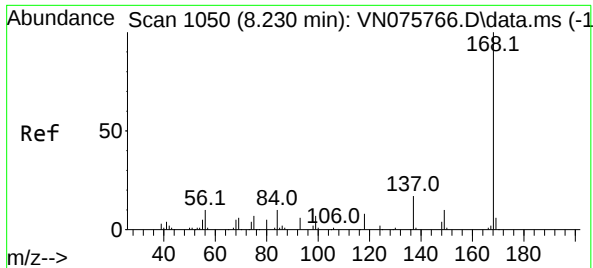
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	371717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	577753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	190256	47.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.177	113	172641	48.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.571	98	671190	50.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.853	95	210236	47.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	765	0.549	ug/l #	39
20) Methylene Chloride	5.283	84	795	Below Cal	#	51
31) Cyclohexane	8.230	56	6811	1.176	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	27073	5.696	ug/l #	50
38) Carbon Tetrachloride	8.230	117	36078	6.782	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2520	0.662	ug/l #	1
71) Bromoform	12.847	173	1667	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109712	25.257	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109712	90.912	ug/l #	12
95) Naphthalene	15.635	128	1155	2.272	ug/l #	79

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

Quant Time: Dec 17 08:39:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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Response via : Initial Calibration

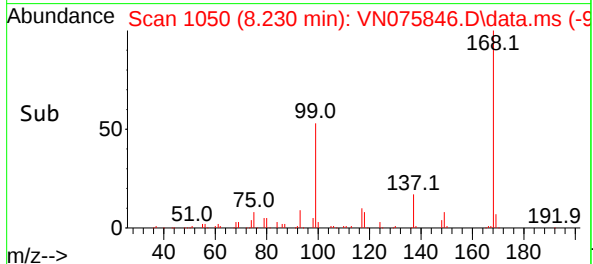
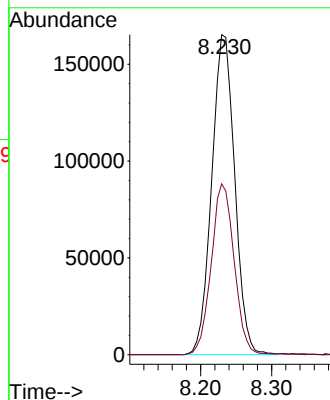
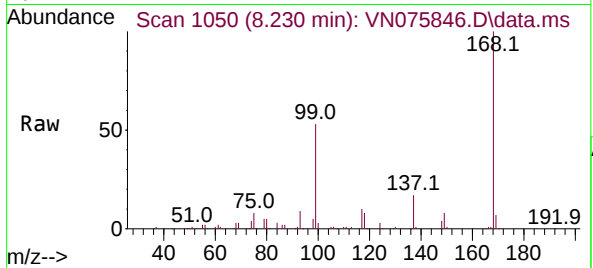




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

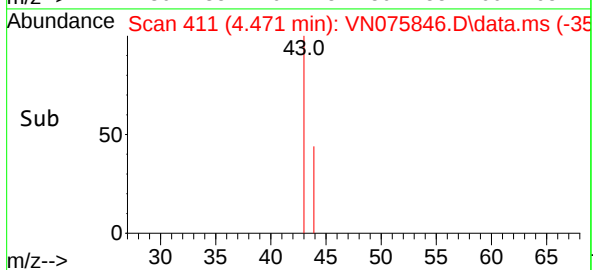
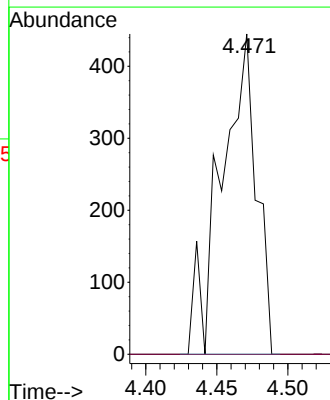
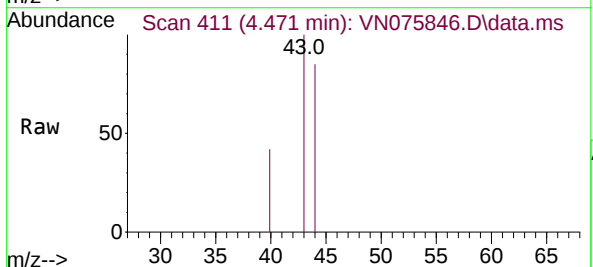
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 371717
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 0.549 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

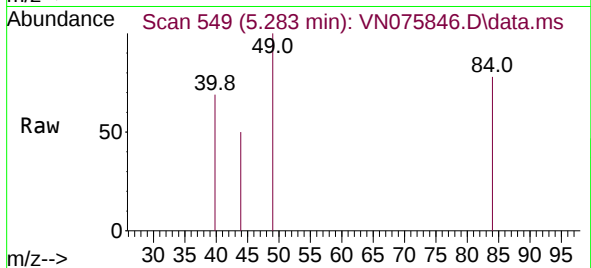
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



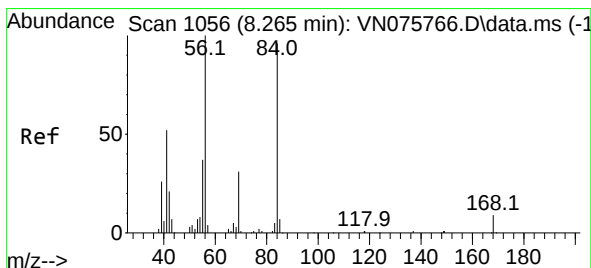
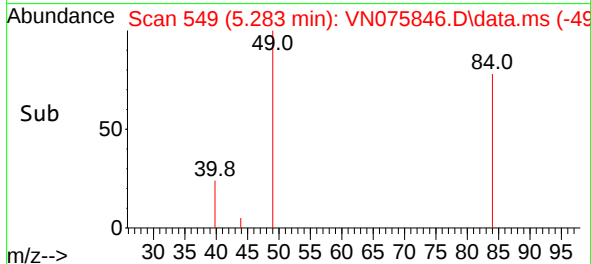
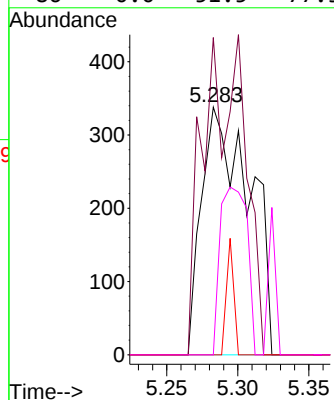


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

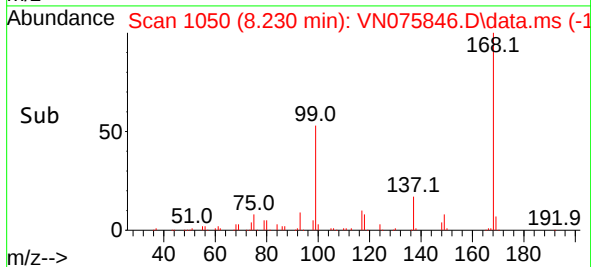
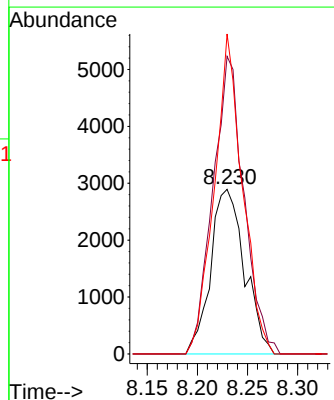
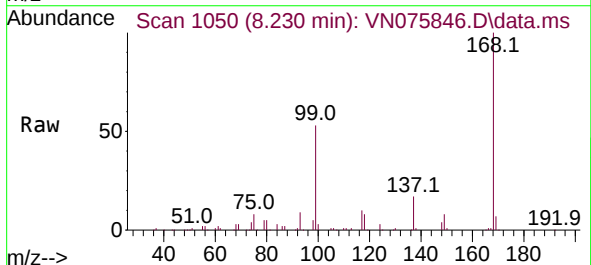


Tgt Ion: 84	Resp: 795
Ion Ratio	Lower Upper
84	100
49	128.1 81.8 122.6#
51	0.0 26.7 40.1#
86	0.0 51.5 77.3#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Tgt Ion: 56	Resp: 6811
Ion Ratio	Lower Upper
56	100
69	180.7 24.7 37.1#
84	194.3 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.047 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

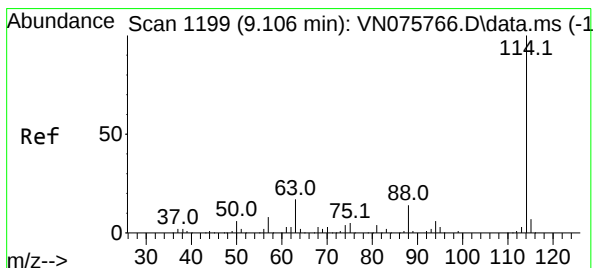
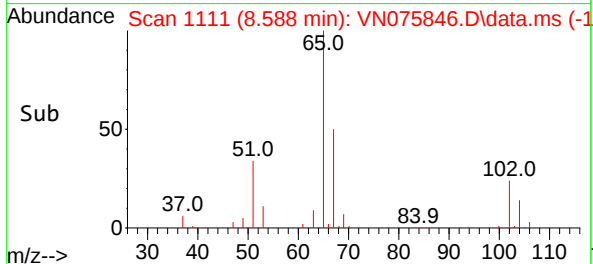
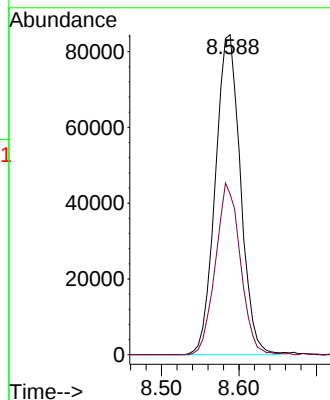
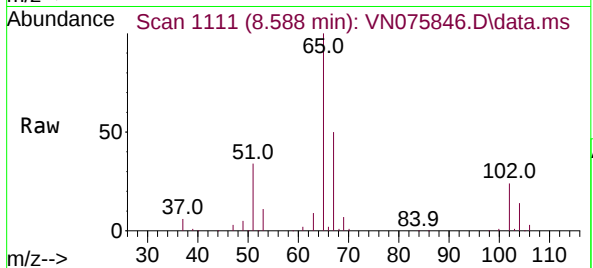
TRIP-BLANK

Tgt Ion: 65 Resp: 190256

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: VN075846.D

Acq: 16 Dec 2022 14:38

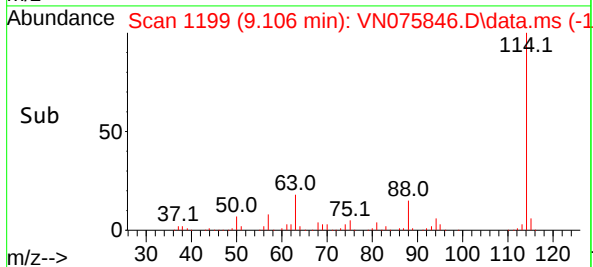
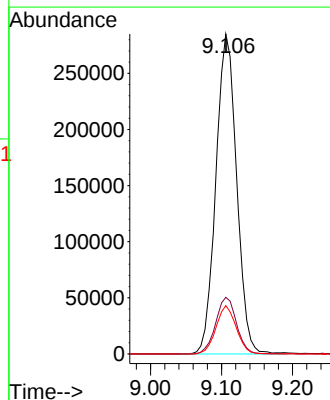
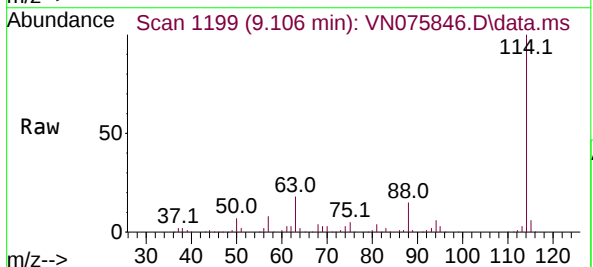
Tgt Ion: 114 Resp: 577753

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.252 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

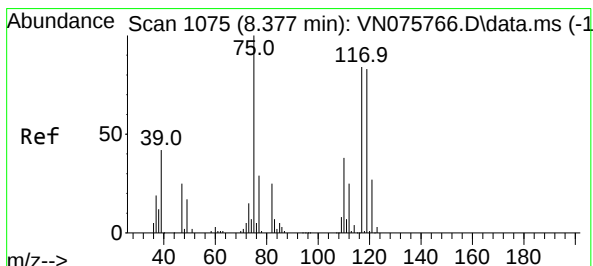
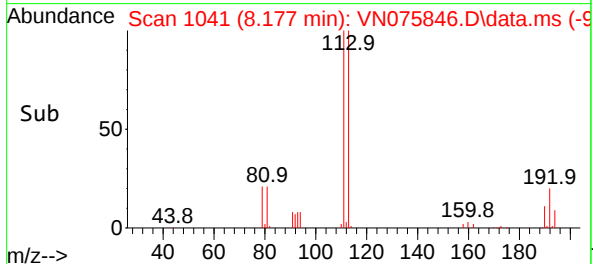
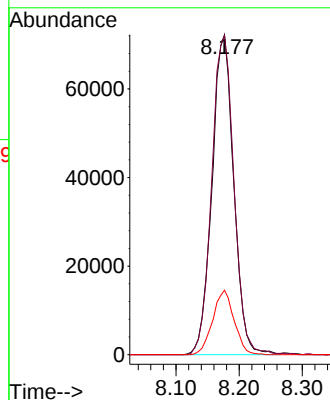
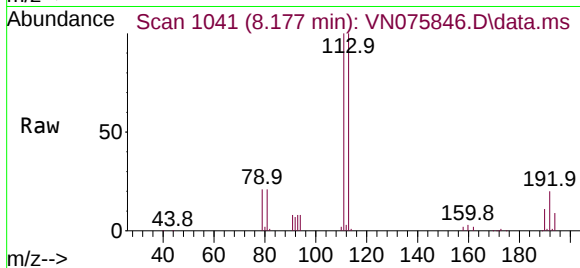
Tgt Ion:113 Resp: 172641

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.696 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

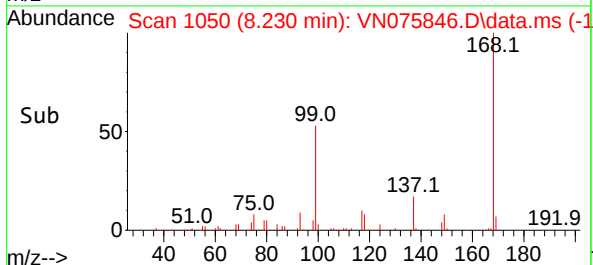
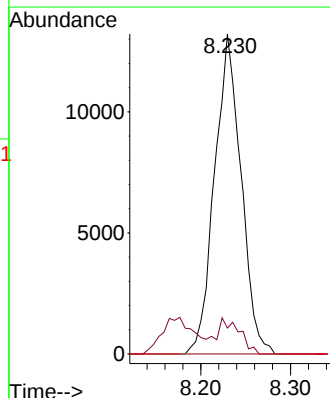
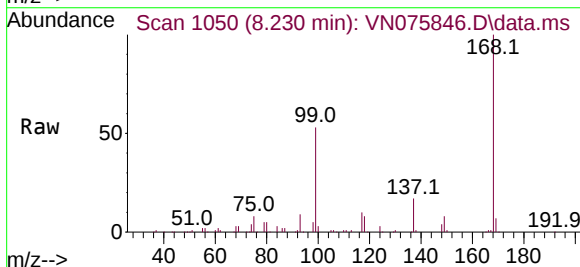
Tgt Ion: 75 Resp: 27073

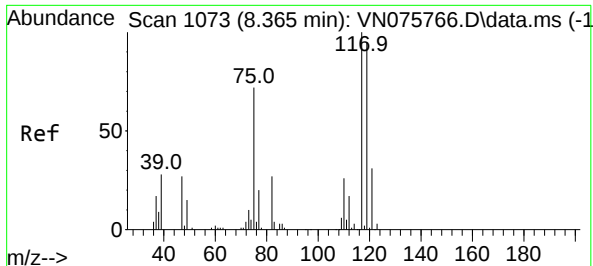
Ion Ratio Lower Upper

75 100

110 9.8 18.8 56.4#

77 0.0 24.1 36.1#

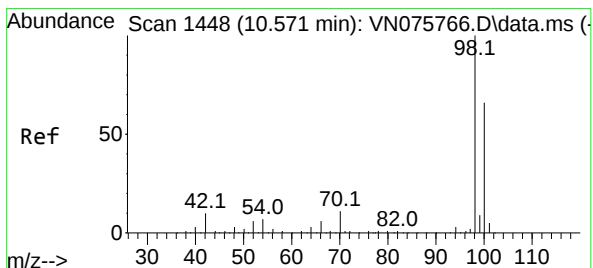
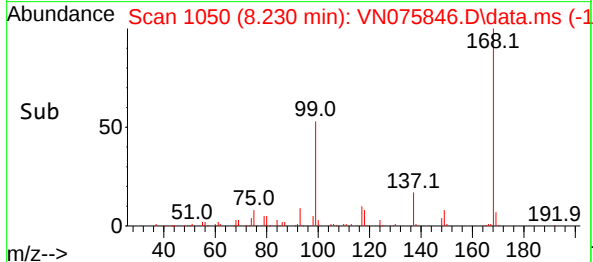
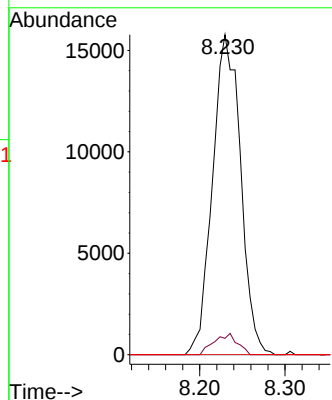
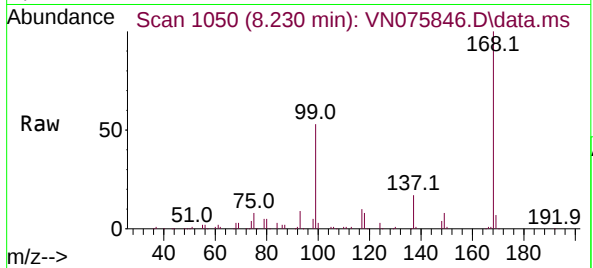




#38
Carbon Tetrachloride
Concen: 6.782 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

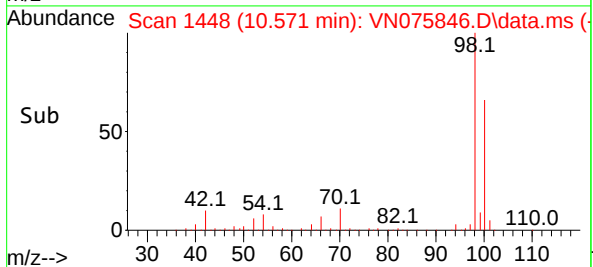
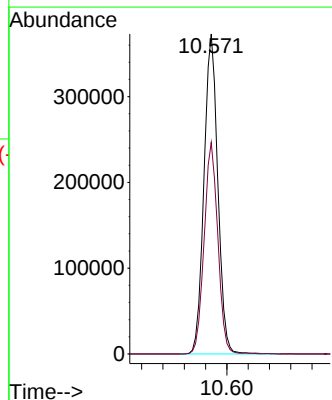
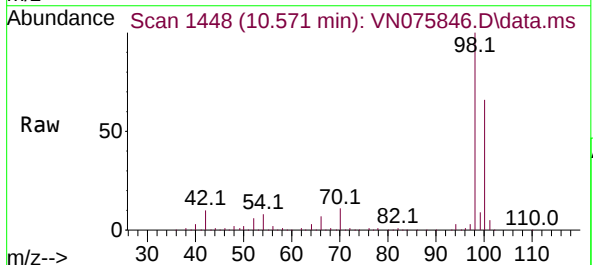
Instrument :
MSVOA_N
ClientSampleId :
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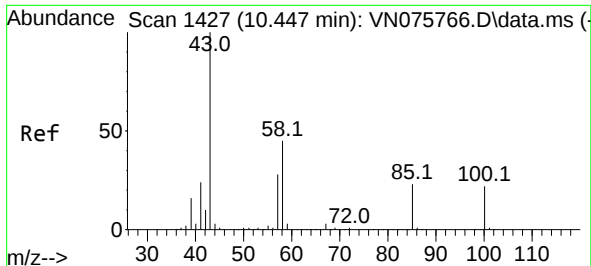
Tgt Ion:117 Resp: 36078
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.173 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Tgt Ion: 98 Resp: 671190
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.662 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

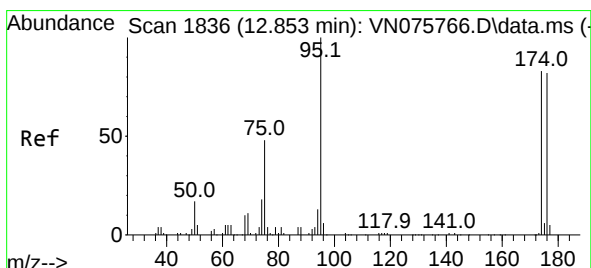
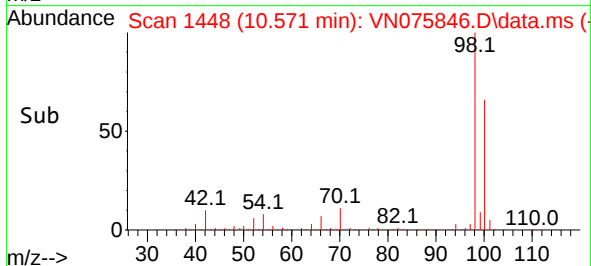
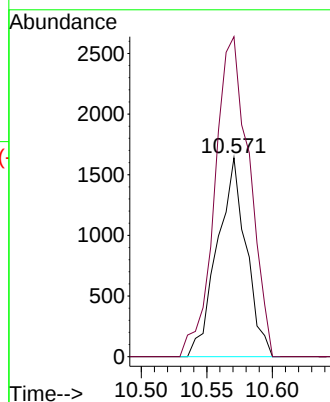
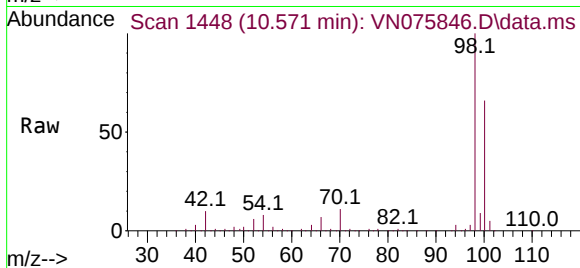
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Tgt Ion: 43 Resp: 2520

Ion Ratio Lower Upper

43 100

58 191.3 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 47.449 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

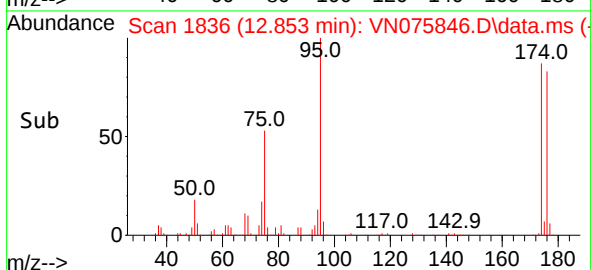
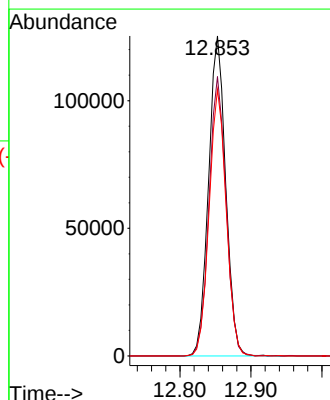
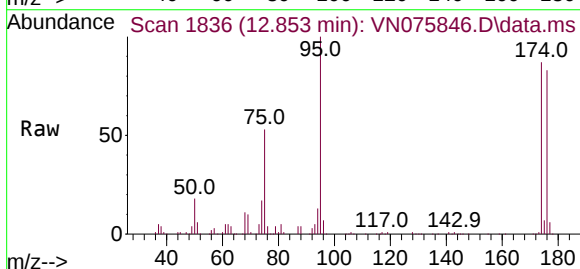
Tgt Ion: 95 Resp: 210236

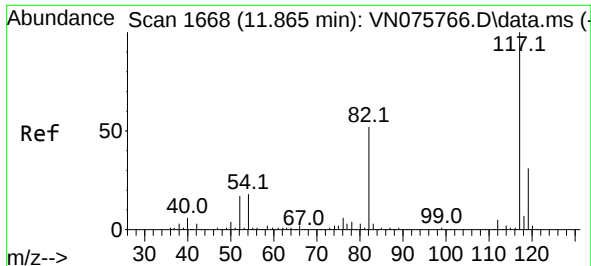
Ion Ratio Lower Upper

95 100

174 86.7 0.0 171.6

176 82.9 0.0 169.2

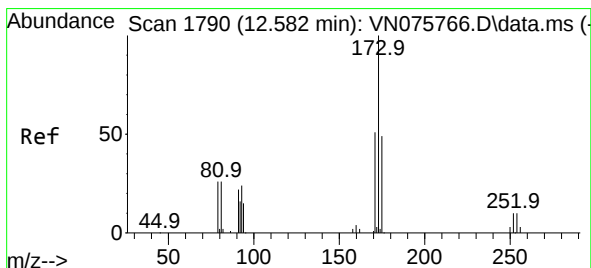
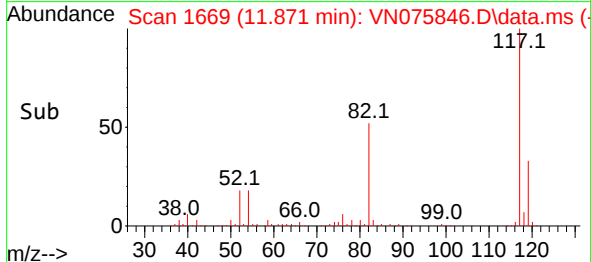
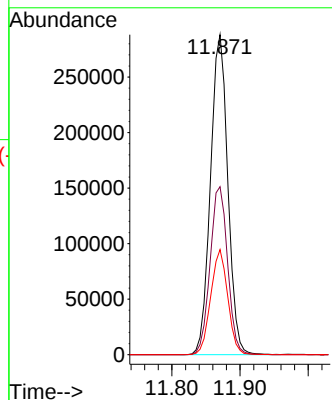
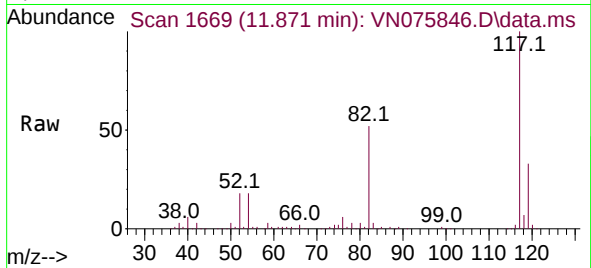




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

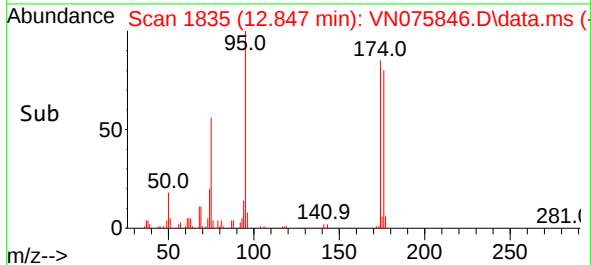
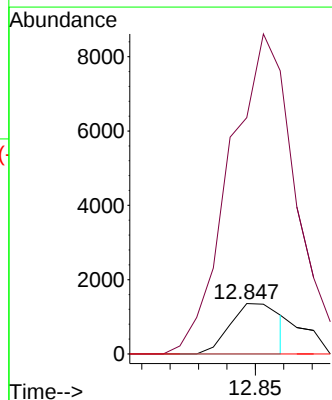
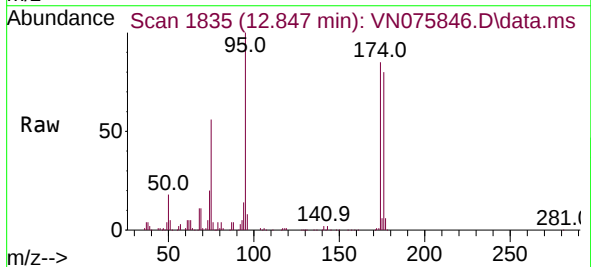
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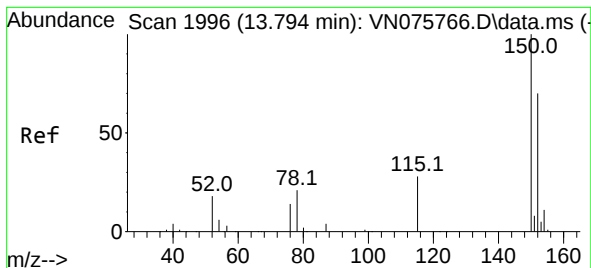
Tgt Ion:117 Resp: 510660
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.8 24.6 37.0



#71
Bromoform
Concen: 0.590 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Tgt Ion:173 Resp: 1667
Ion Ratio Lower Upper
173 100
175 676.3 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075846.D

Acq: 16 Dec 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

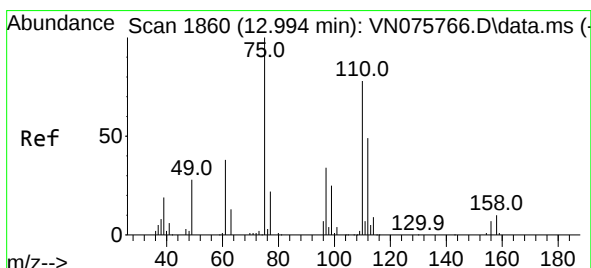
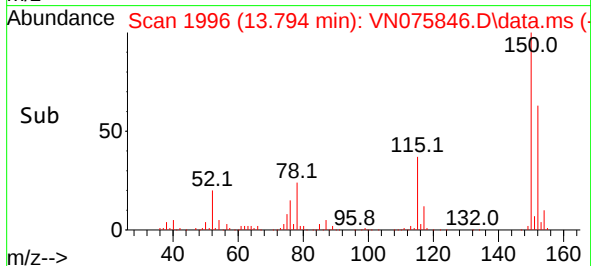
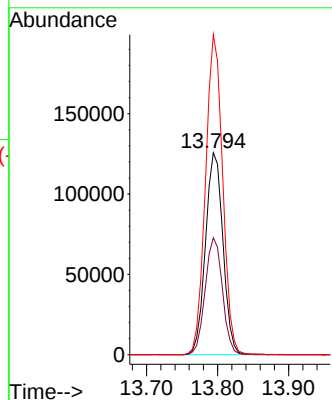
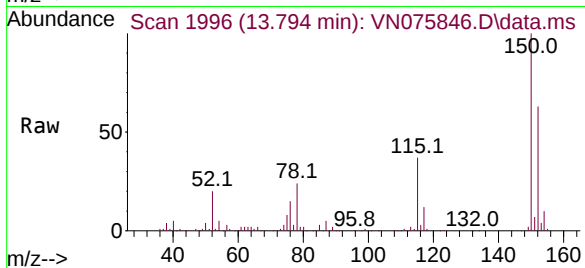
Tgt Ion:152 Resp: 215496

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.4

150 155.2 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 25.257 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075846.D

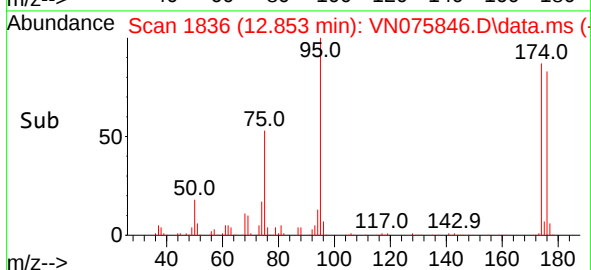
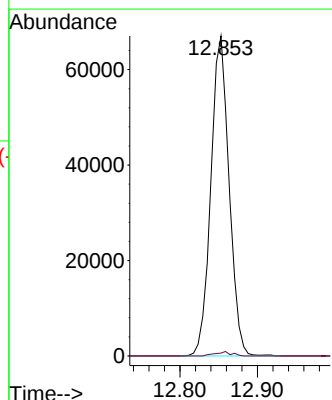
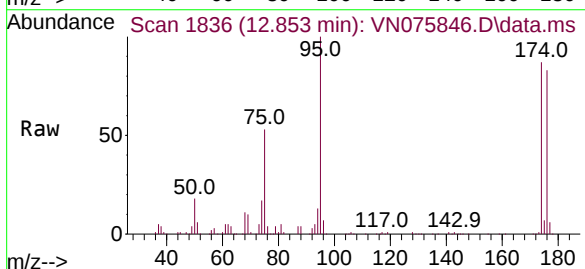
Acq: 16 Dec 2022 14:38

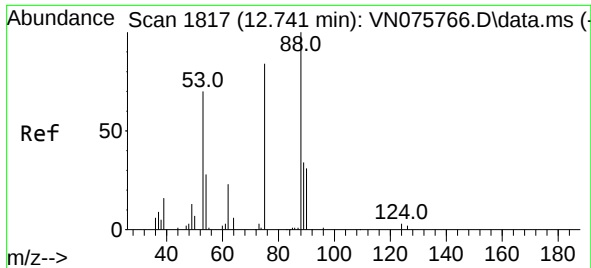
Tgt Ion: 75 Resp: 109712

Ion Ratio Lower Upper

75 100

77 1.2 82.6 247.8#

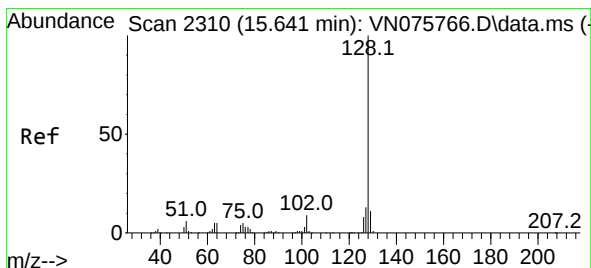
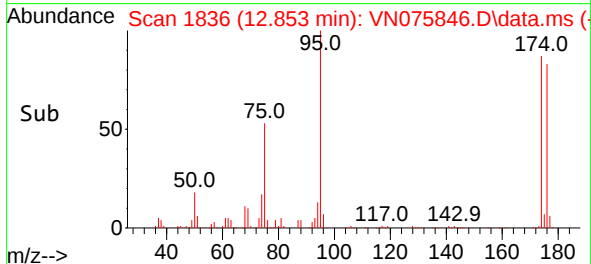
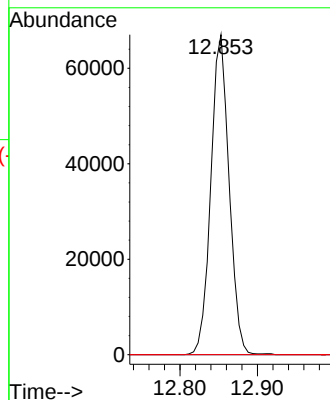
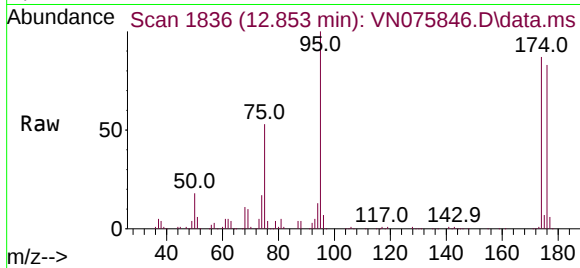




#81
trans-1,4-Dichloro-2-butene
Concen: 90.912 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 109712
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.272 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075846.D
Acq: 16 Dec 2022 14:38

Tgt Ion: 128 Resp: 1155
Ion Ratio Lower Upper
128 100
127 7.2 10.4 15.6#
129 0.0 8.7 13.1#

