

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074808.D
 Acq On : 07 Oct 2022 13:55
 Operator : JC\MD
 Sample : N4996-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 506D-1

Quant Time: Oct 08 03:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

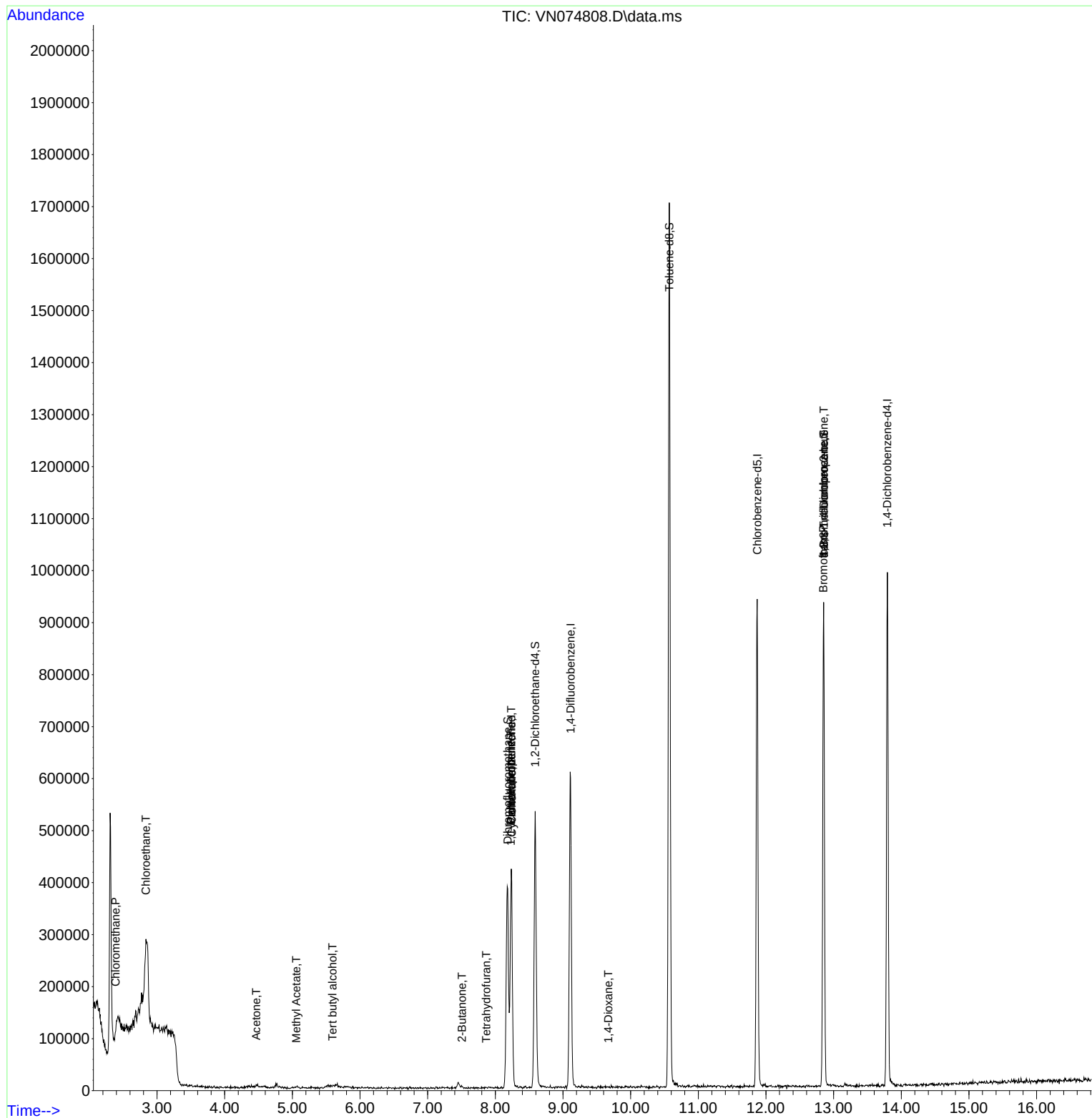
Internal Standards						
1) Pentafluorobenzene	8.236	168	291118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	512517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	360984	52.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.660%	
35) Dibromofluoromethane	8.183	113	278302	53.744	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.480%	
50) Toluene-d8	10.571	98	1146455	51.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.853	95	296568	43.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	3112	0.351	ug/l #	70
6) Chloroethane	2.836	64	159337	19.590	ug/l #	56
11) Tert butyl alcohol	5.595	59	602	0.261	ug/l #	86
13) Acrolein	4.206	56	265	Below Cal	#	67
16) Acetone	4.465	43	2311	0.591	ug/l #	43
18) Methyl Acetate	5.059	43	6036	0.417	ug/l #	60
20) Methylene Chloride	5.277	84	713	Below Cal	#	3
25) 2-Butanone	7.506	43	1610	0.227	ug/l #	71
29) Tetrahydrofuran	7.865	42	1219	0.247	ug/l #	36
31) Cyclohexane	8.241	56	9223	0.774	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	27176	3.242	ug/l #	51
38) Carbon Tetrachloride	8.236	117	33442	4.231	ug/l #	18
49) 1,4-Dioxane	9.671	88	76	0.411	ug/l #	1
71) Bromoform	12.847	173	3626	0.824	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.935	83	97	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	170351	22.255	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	170351	43.361	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.829	180	95	Below Cal	#	1

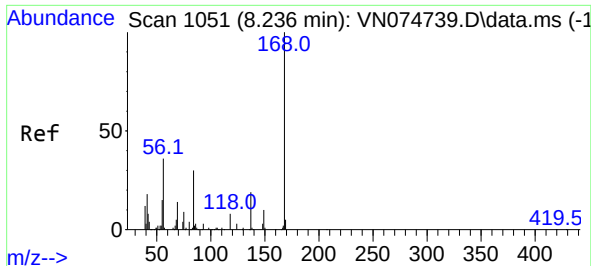
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
Data File : VN074808.D
Acq On : 07 Oct 2022 13:55
Operator : JC\MD
Sample : N4996-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
506D-1

Quant Time: Oct 08 03:51:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

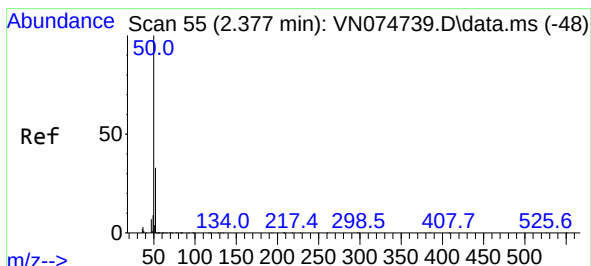
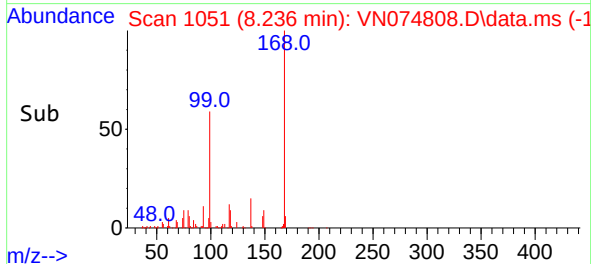
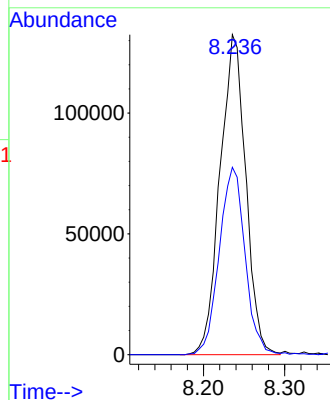
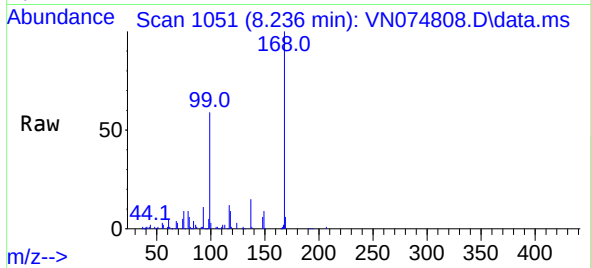




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

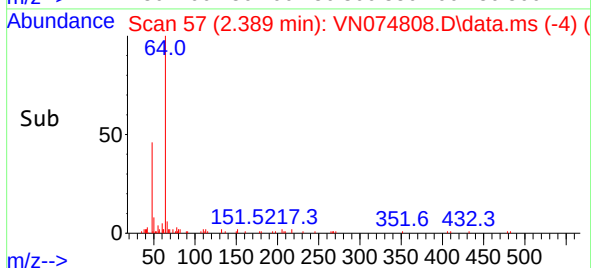
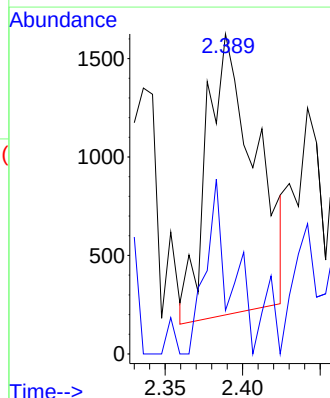
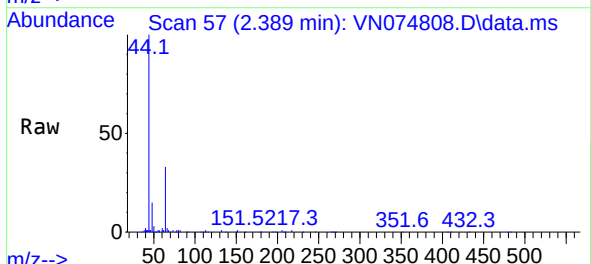
Instrument :
MSVOA_N
ClientSampleId :
506D-1

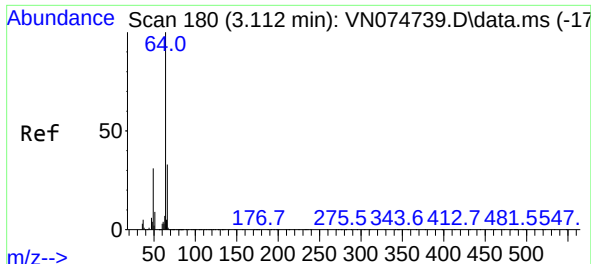
Tgt Ion:168 Resp: 291118
Ion Ratio Lower Upper
168 100
99 58.5 42.8 64.2



#3
Chloromethane
Concen: 0.351 ug/l
RT: 2.389 min Scan# 57
Delta R.T. 0.012 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 50 Resp: 3112
Ion Ratio Lower Upper
50 100
52 16.2 26.7 40.1#

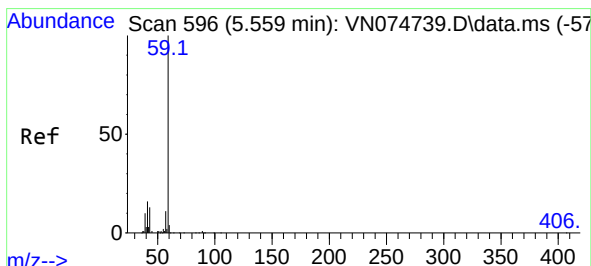
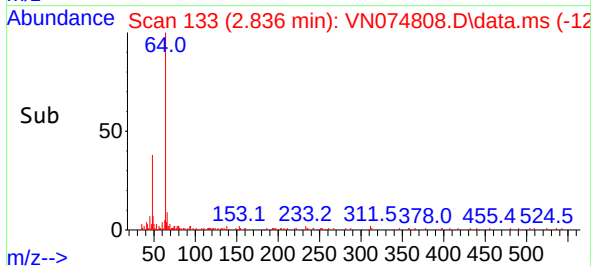
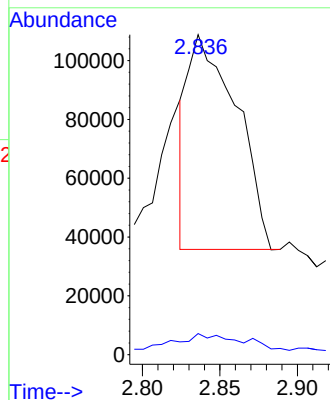
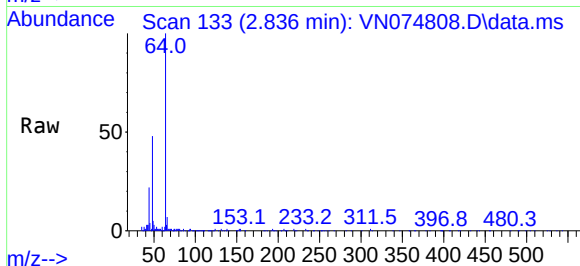




#6
Chloroethane
Concen: 19.590 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.276 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

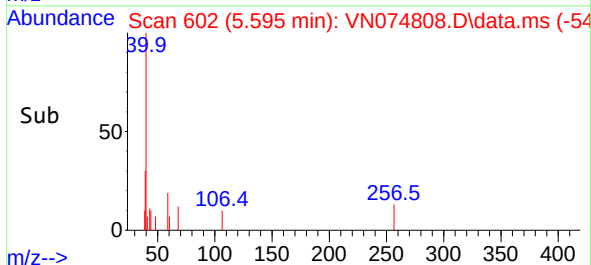
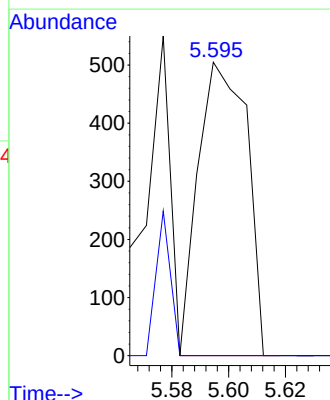
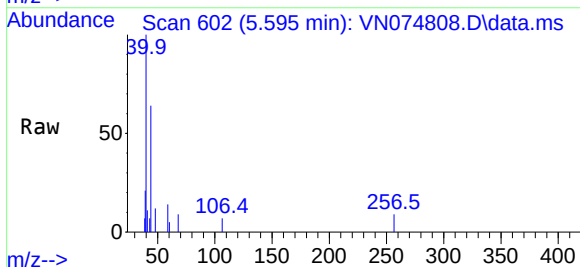
Instrument :
MSVOA_N
ClientSampleId :
506D-1

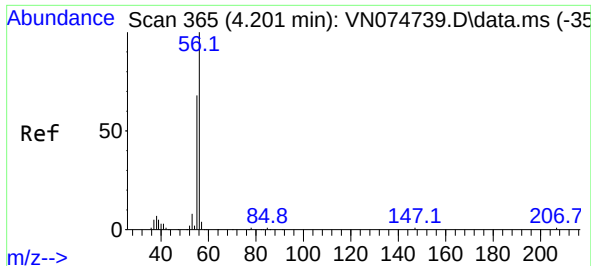
Tgt Ion: 64 Resp: 159337
Ion Ratio Lower Upper
64 100
66 6.9 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.261 ug/l
RT: 5.595 min Scan# 602
Delta R.T. 0.035 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 14.6 7.7 11.5#

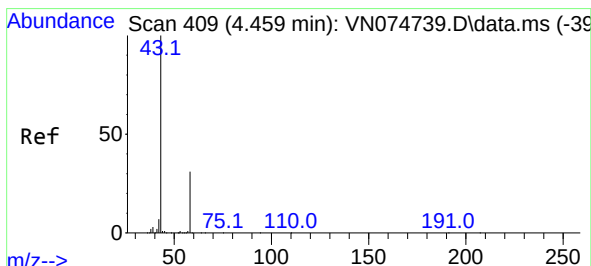
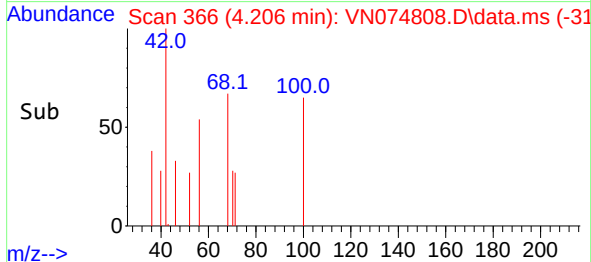
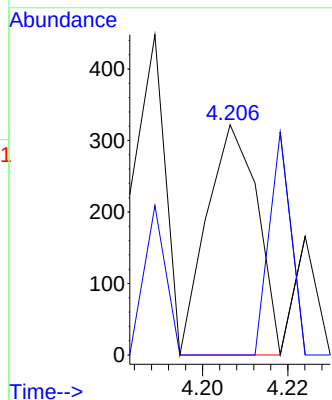
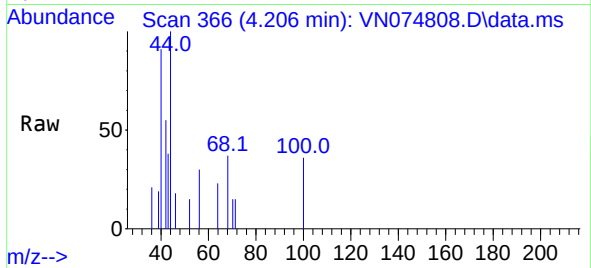




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

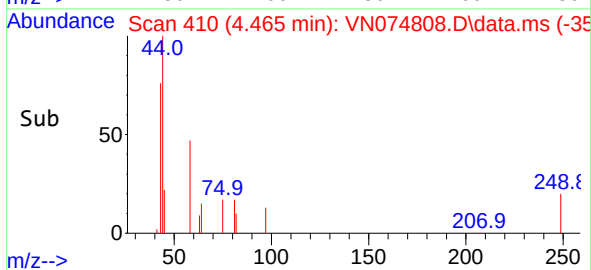
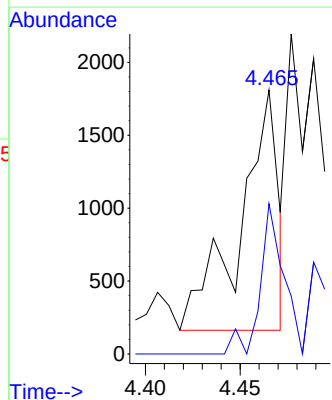
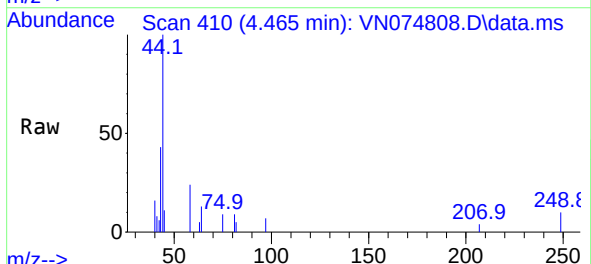
Instrument :
MSVOA_N
ClientSampleId :
506D-1

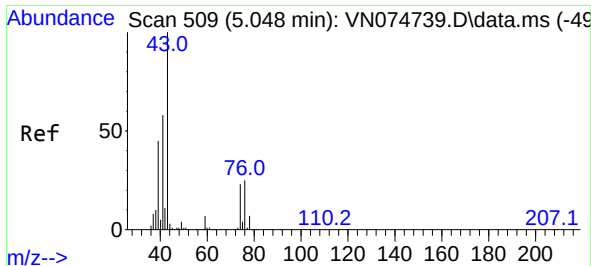
Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 41.5 54.9 82.3#



#16
Acetone
Concen: 0.591 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
58 62.5 24.9 37.3#

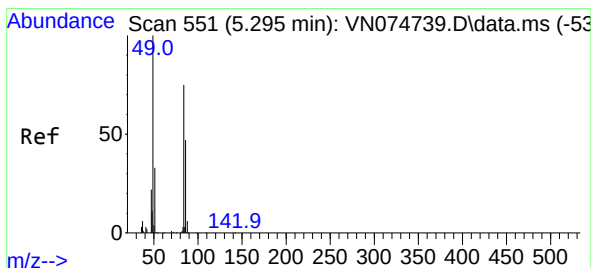
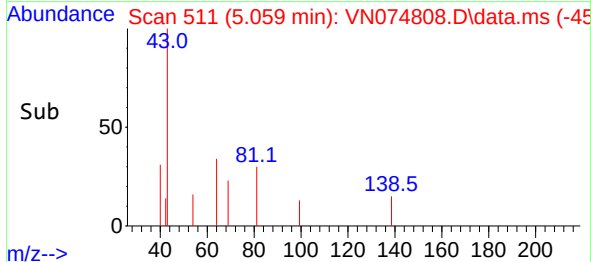
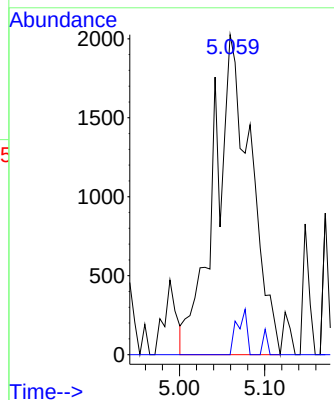
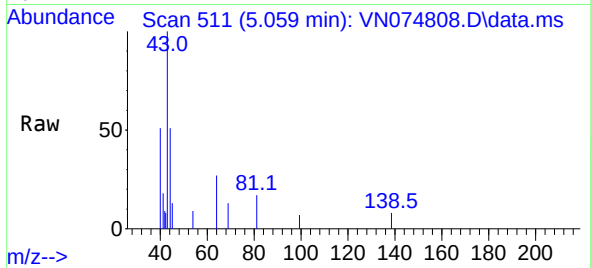




#18
Methyl Acetate
Concen: 0.417 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

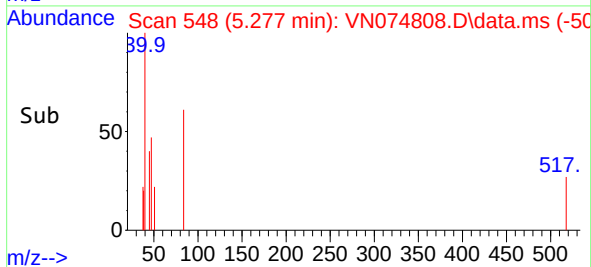
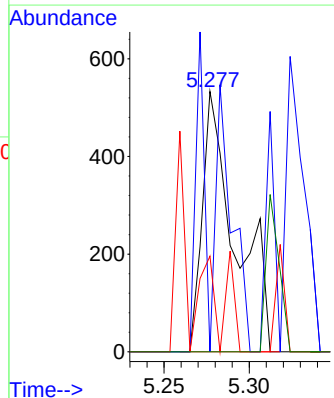
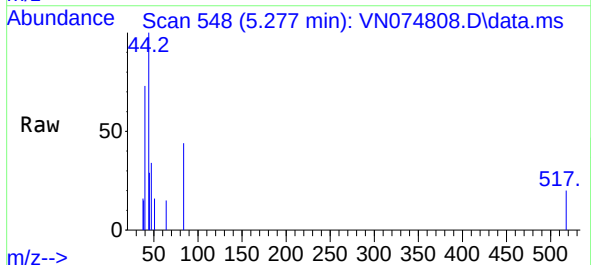
Instrument :
MSVOA_N
ClientSampleId :
506D-1

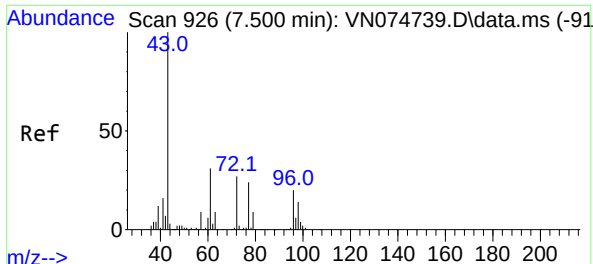
Tgt Ion: 43 Resp: 6036
Ion Ratio Lower Upper
43 100
74 3.9 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.018 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 84 Resp: 713
Ion Ratio Lower Upper
84 100
49 0.0 107.4 161.0#
51 0.0 35.1 52.7#
86 0.0 50.4 75.6#

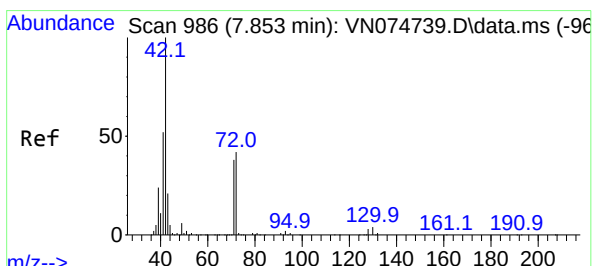
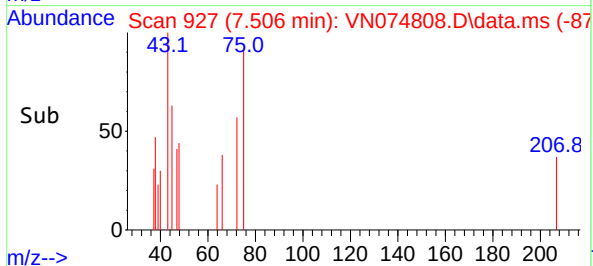
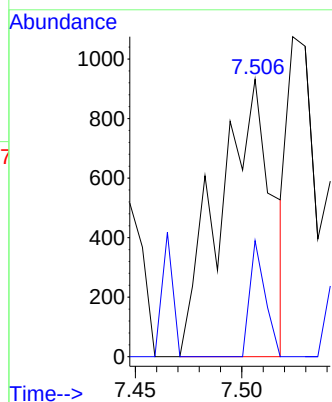
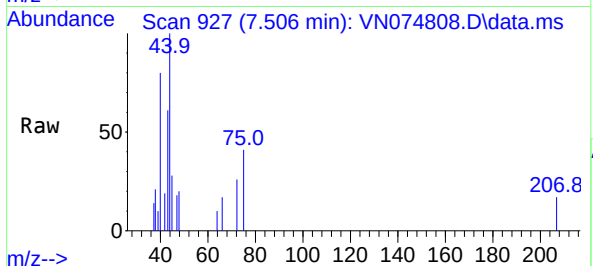




#25
2-Butanone
Concen: 0.227 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

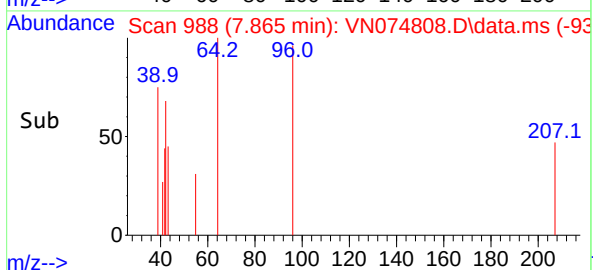
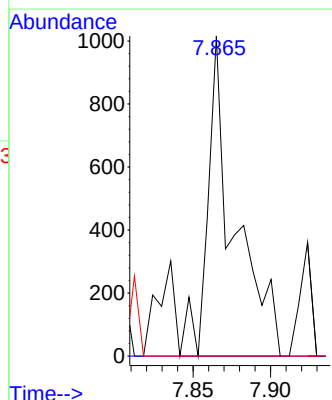
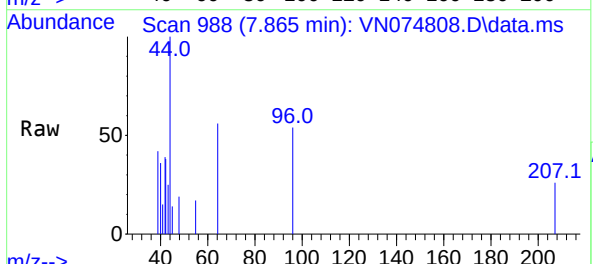
Instrument :
MSVOA_N
ClientSampleId :
506D-1

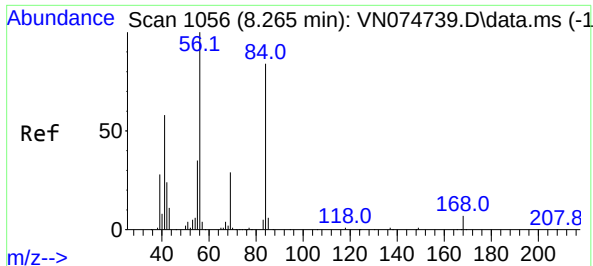
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
72 41.8 21.4 32.0#



#29
Tetrahydrofuran
Concen: 0.247 ug/l
RT: 7.865 min Scan# 988
Delta R.T. 0.012 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 42 Resp: 1219
Ion Ratio Lower Upper
42 100
72 0.0 33.0 49.6#
71 0.0 30.4 45.6#





#31

Cyclohexane

Concen: 0.774 ug/l

RT: 8.241 min Scan# 1052

Delta R.T. -0.024 min

Lab File: VN074808.D

Acq: 07 Oct 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

506D-1

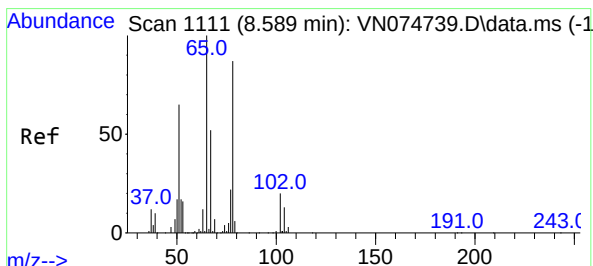
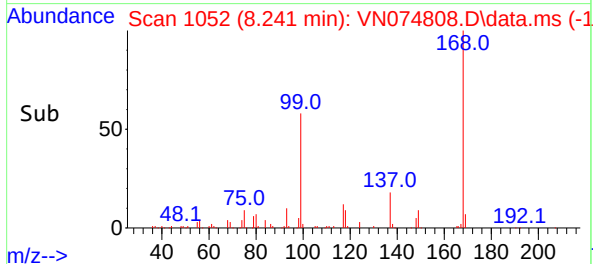
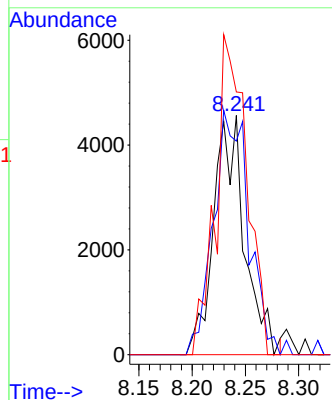
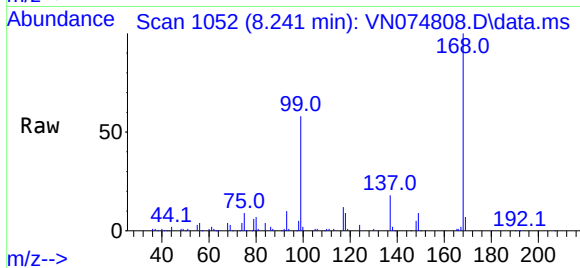
Tgt Ion: 56 Resp: 9223

Ion Ratio Lower Upper

56 100

69 89.4 23.1 34.7#

84 109.9 67.1 100.7#



#33

1,2-Dichloroethane-d4

Concen: 52.333 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074808.D

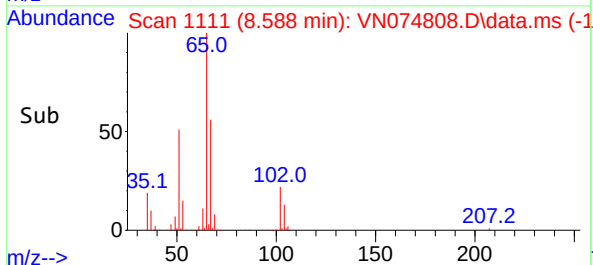
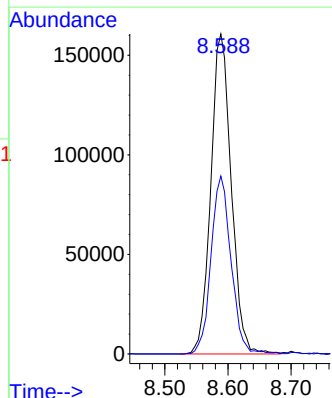
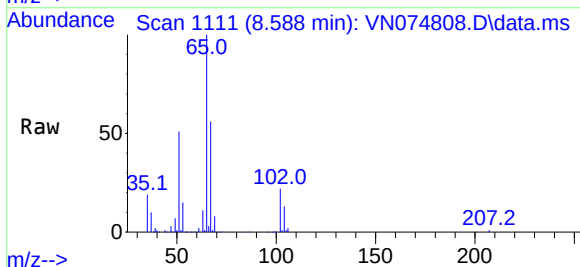
Acq: 07 Oct 2022 13:55

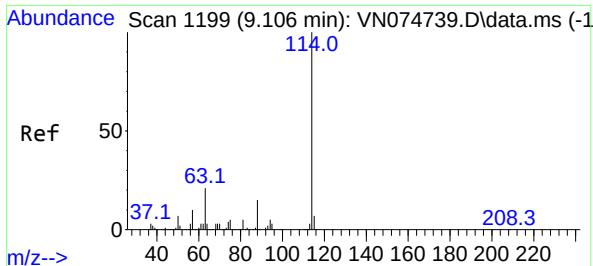
Tgt Ion: 65 Resp: 360984

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074808.D

Acq: 07 Oct 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

506D-1

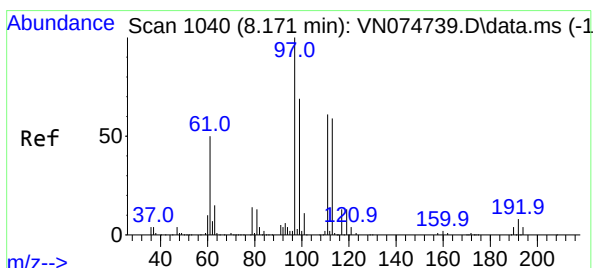
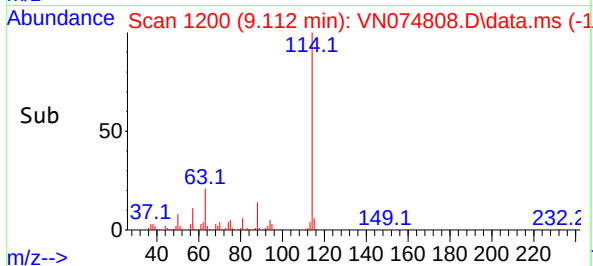
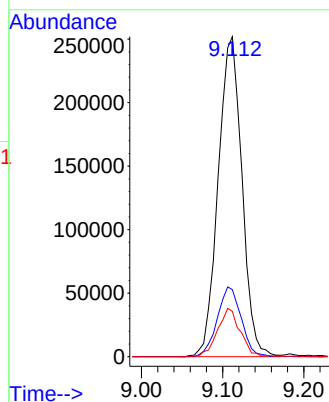
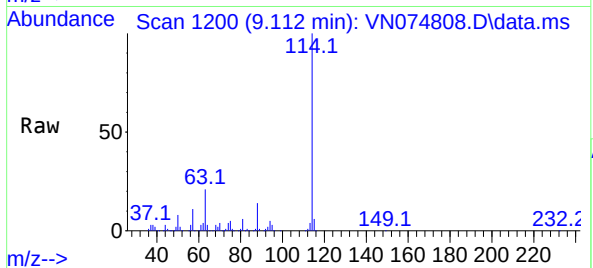
Tgt Ion:114 Resp: 512517

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 14.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.744 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074808.D

Acq: 07 Oct 2022 13:55

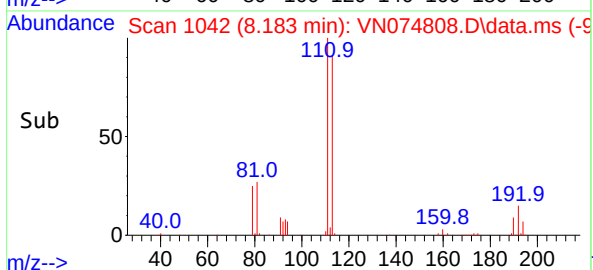
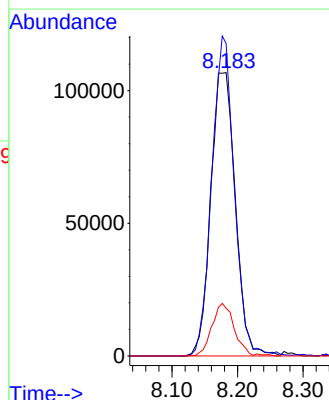
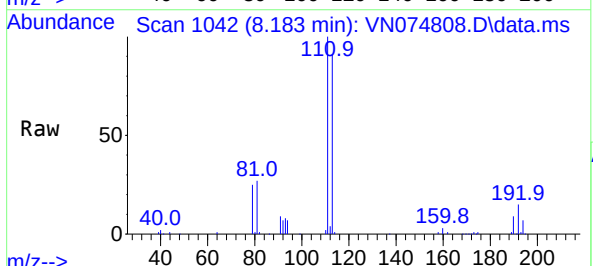
Tgt Ion:113 Resp: 278302

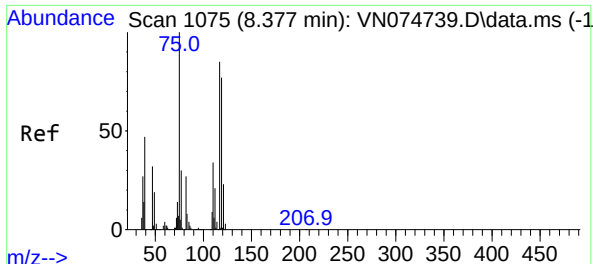
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

192 17.0 12.6 18.8





#36

1,1-Dichloropropene

Concen: 3.242 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN074808.D

Acq: 07 Oct 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

506D-1

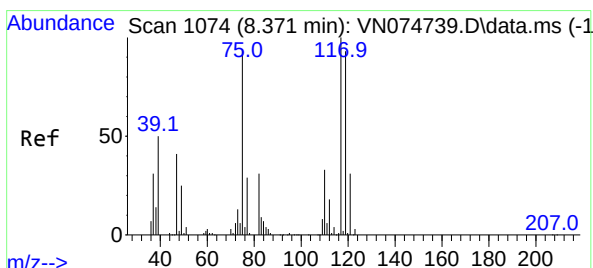
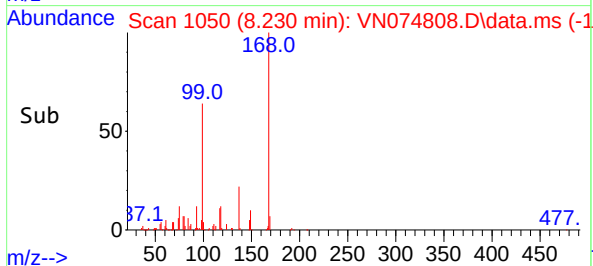
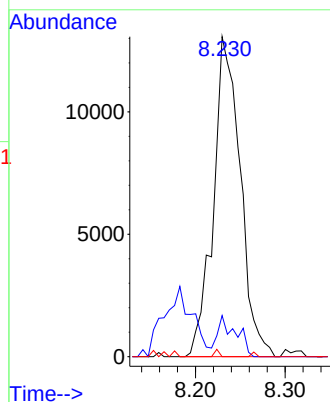
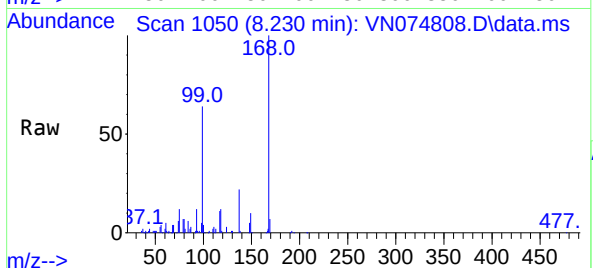
Tgt Ion: 75 Resp: 27176

Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.5#

77 0.4 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.231 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.135 min

Lab File: VN074808.D

Acq: 07 Oct 2022 13:55

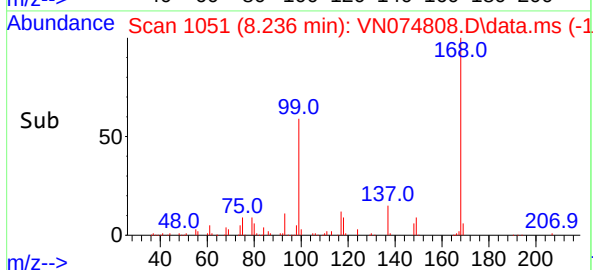
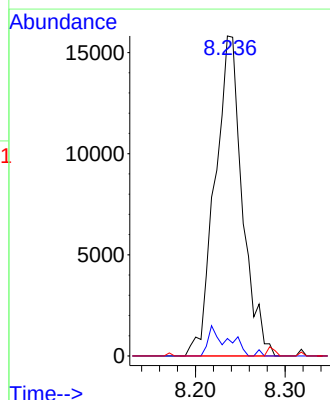
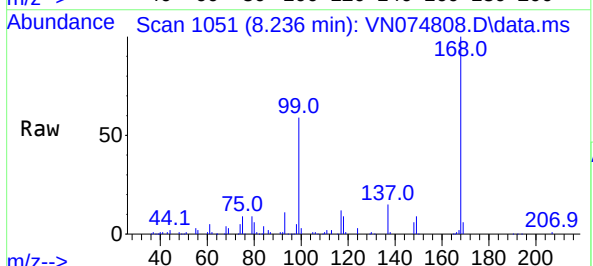
Tgt Ion: 117 Resp: 33442

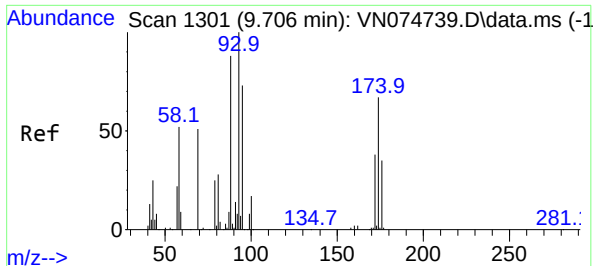
Ion Ratio Lower Upper

117 100

119 5.4 74.3 111.5#

121 0.0 25.0 37.4#

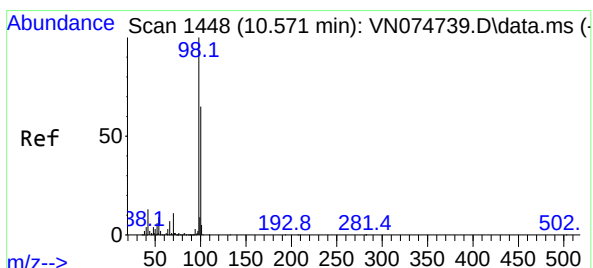
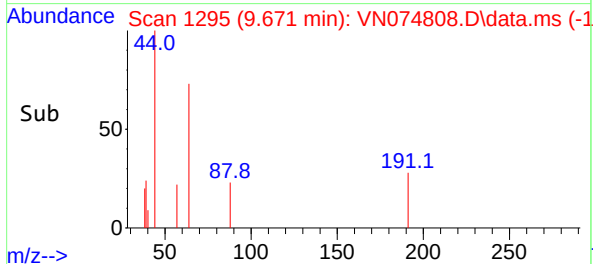
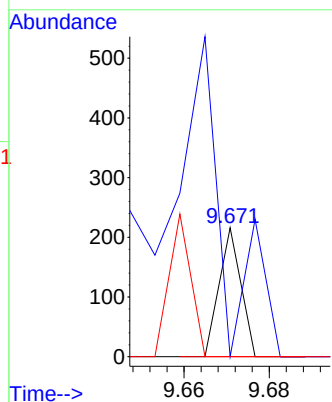
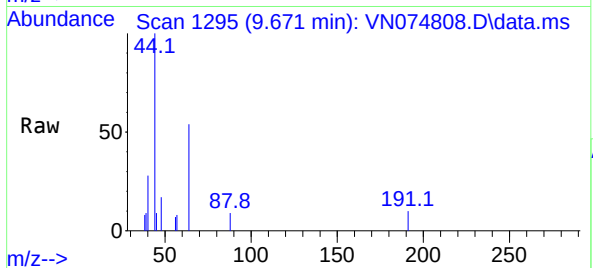




#49
1,4-Dioxane
Concen: 0.411 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

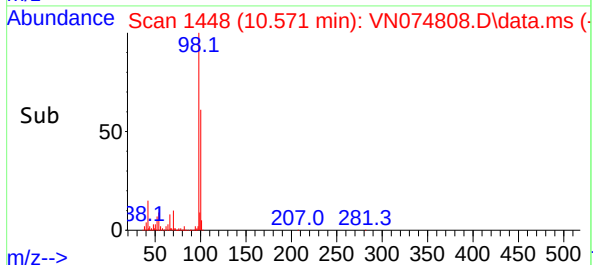
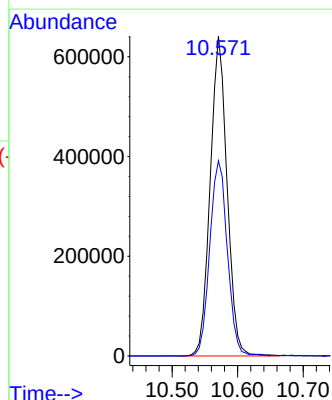
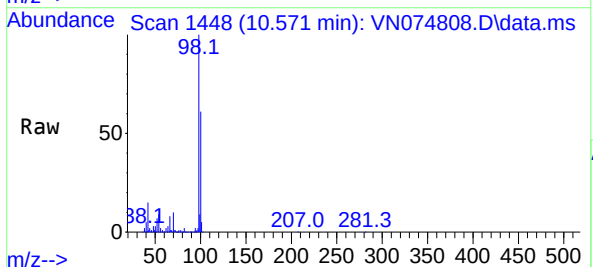
Instrument :
MSVOA_N
ClientSampleId :
506D-1

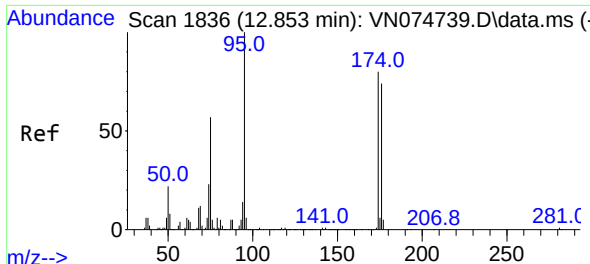
Tgt Ion:	88	Resp:	76
Ion	Ratio	Lower	Upper
88	100		
43	482.9	23.4	35.2#
58	110.5	54.9	82.3#



#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion:	98	Resp:	1146455
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1

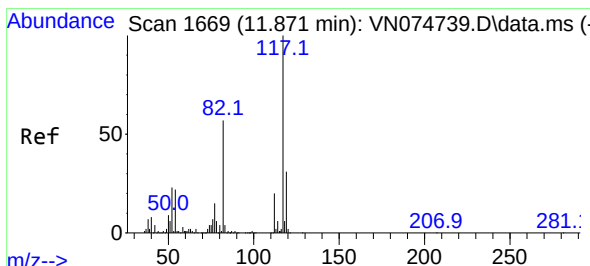
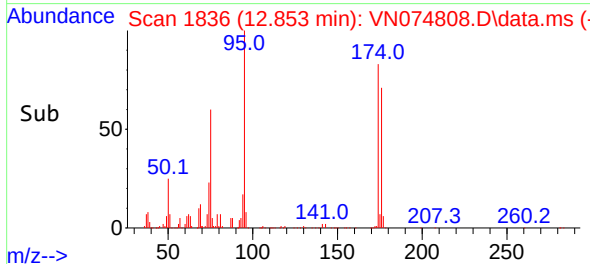
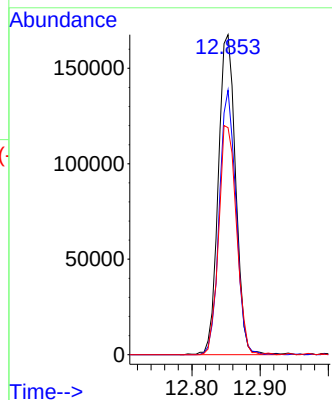
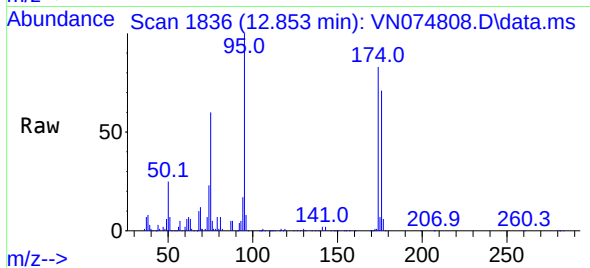




#62
4-Bromofluorobenzene
Concen: 43.908 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

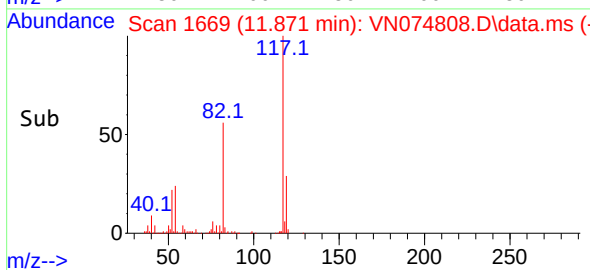
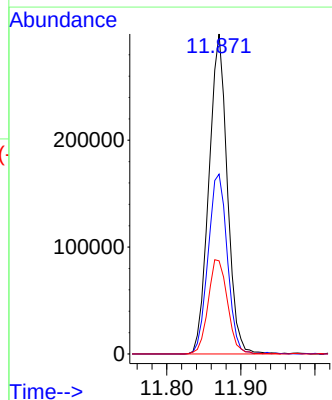
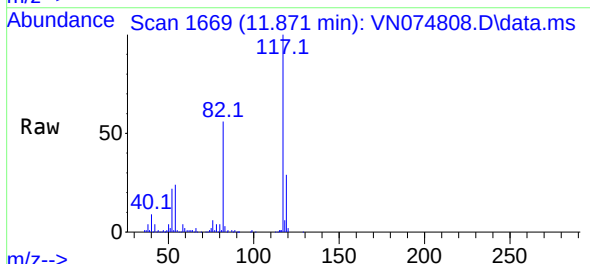
Instrument :
MSVOA_N
ClientSampleId :
506D-1

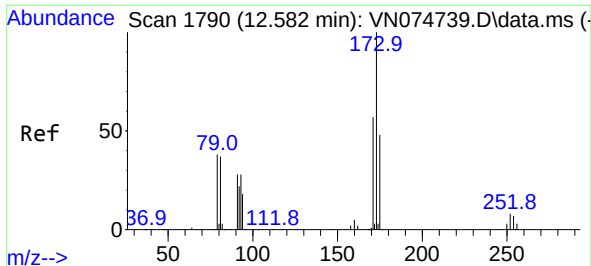
Tgt Ion: 95 Resp: 296568
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.4
176 73.3 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 117 Resp: 515459
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 29.1 25.1 37.7

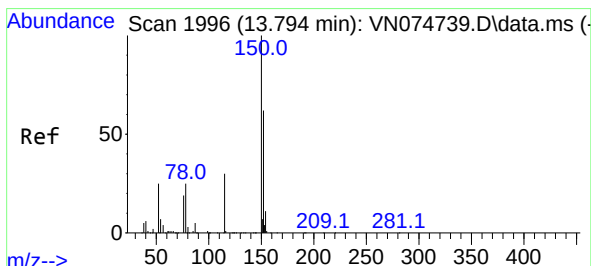
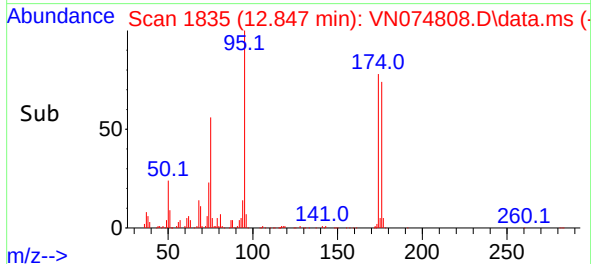
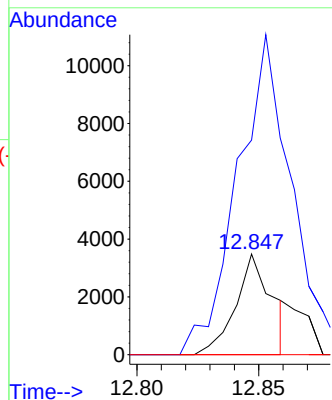
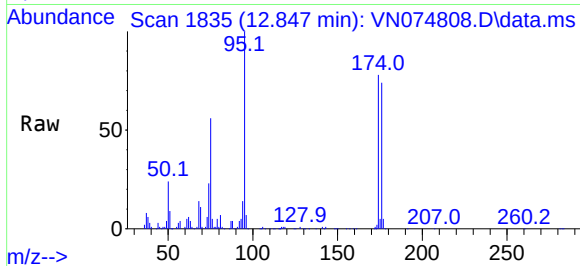




#71
Bromoform
Concen: 0.824 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

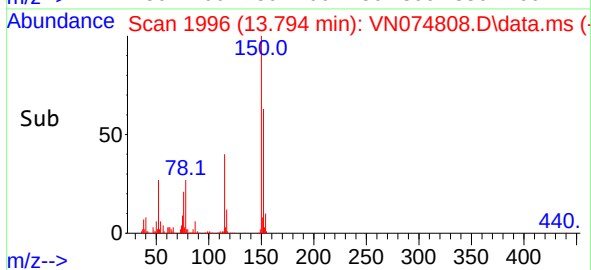
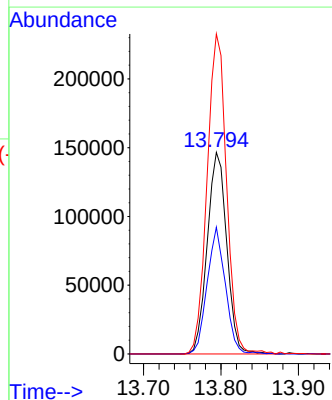
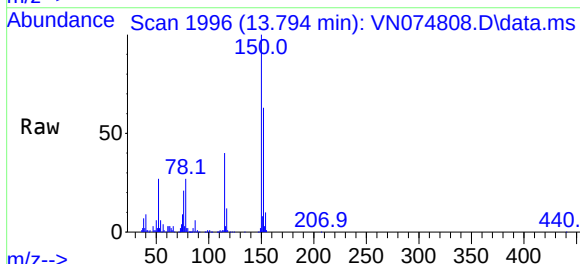
Instrument :
MSVOA_N
ClientSampleId :
506D-1

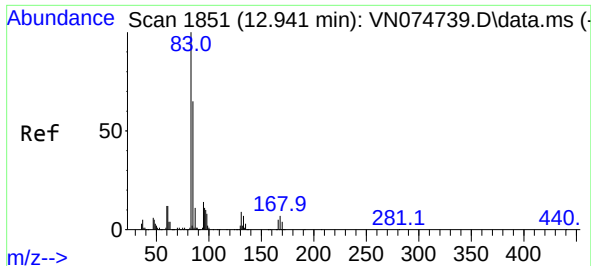
Tgt Ion:173 Resp: 3626
Ion Ratio Lower Upper
173 100
175 369.1 23.9 71.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion:152 Resp: 256453
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 158.0 0.0 356.4

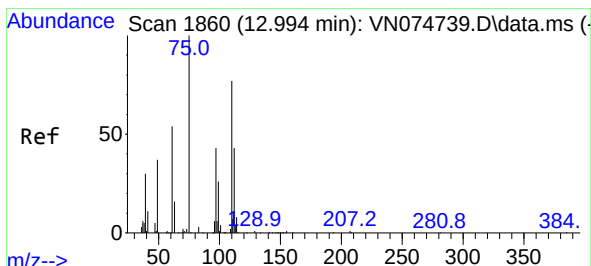
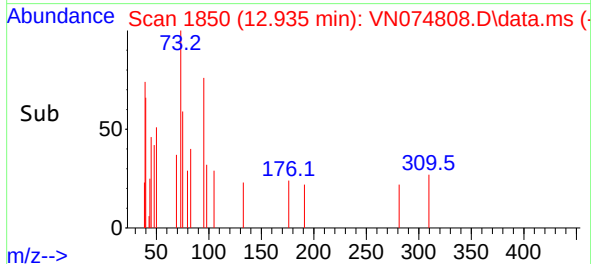
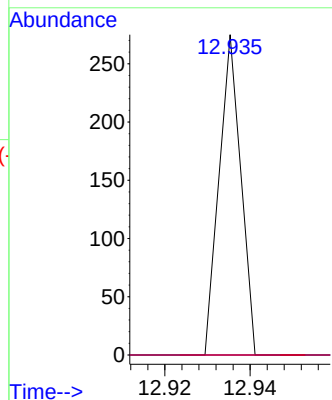
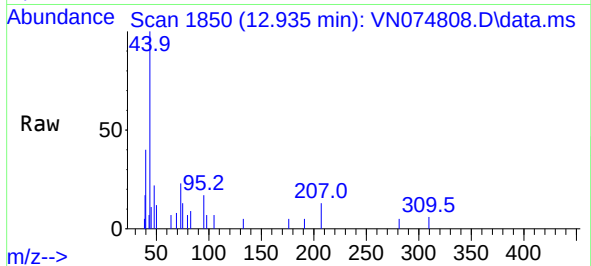




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

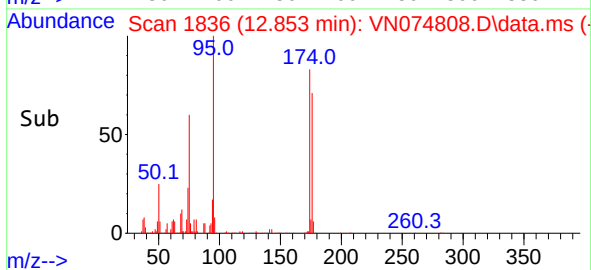
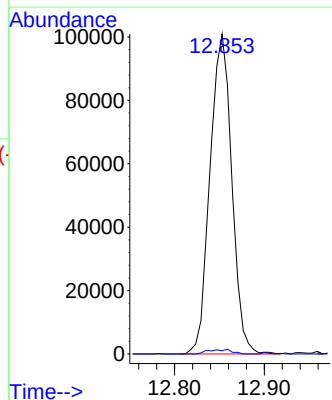
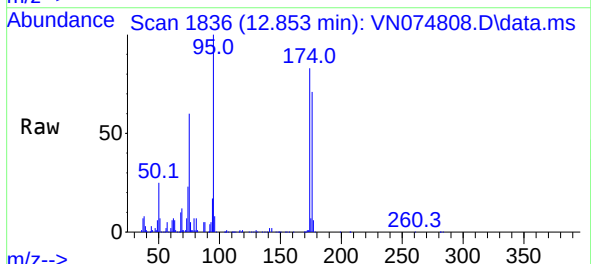
Instrument :
MSVOA_N
ClientSampleId :
506D-1

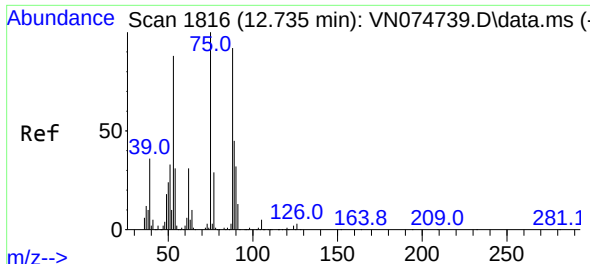
Tgt Ion: 83 Resp: 97
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 22.255 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion: 75 Resp: 170351
Ion Ratio Lower Upper
75 100
77 1.5 76.9 230.7#

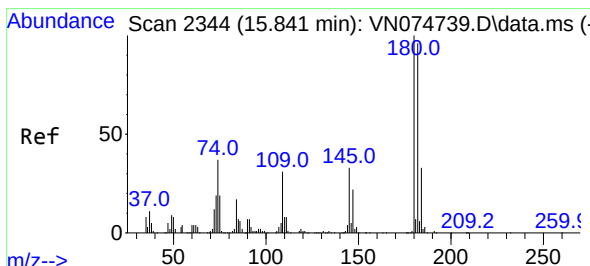
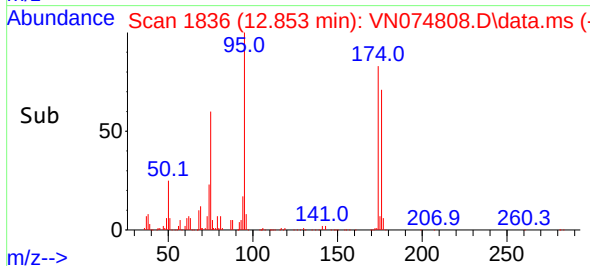
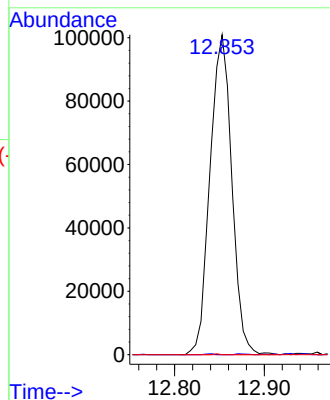
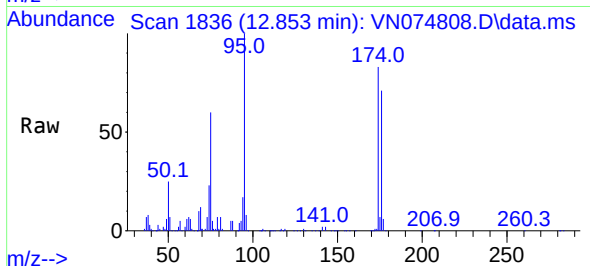




#81
trans-1,4-Dichloro-2-butene
Concen: 43.361 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
506D-1

Tgt Ion: 75 Resp: 170351
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.0#
89 0.1 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.829 min Scan# 2342
Delta R.T. -0.012 min
Lab File: VN074808.D
Acq: 07 Oct 2022 13:55

Tgt Ion:180 Resp: 95
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 243.2 17.1 51.2#

