

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055097.D
 Acq On : 05 Sep 2023 16:25
 Operator : MD/SY
 Sample : 04250-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A7

Quant Time: Sep 06 02:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

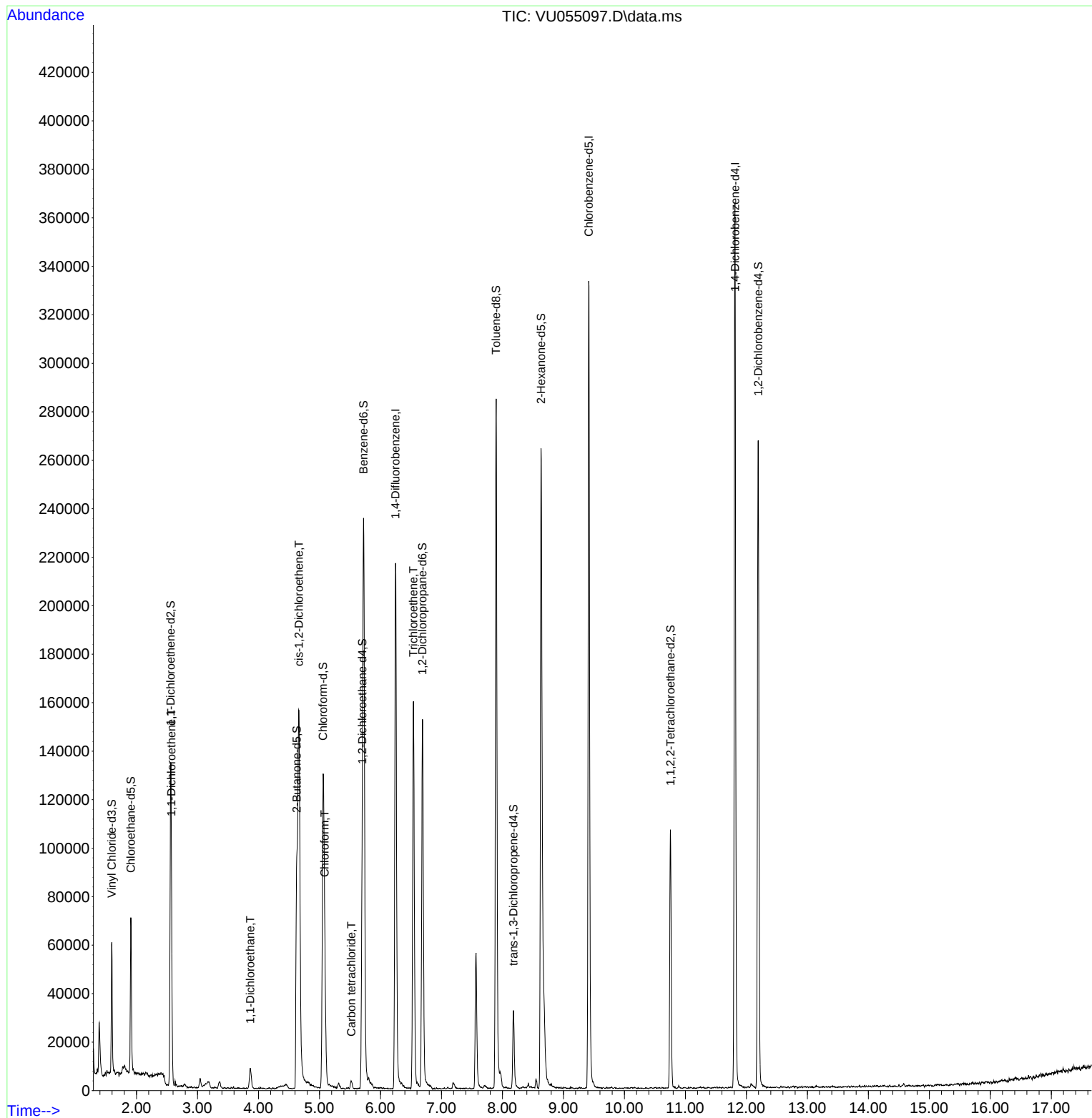
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37429	4.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.907	69	44790	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	22857	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.627	46	136685	57.884	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.760%
24) Chloroform-d	5.058	84	110118	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.701	65	57509	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.724	84	215828	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.688	67	71916	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.897	98	190854	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.180	79	19176	4.975	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.634	63	88772	56.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51307	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	68017	4.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	9788	1.219	ug/L	# 1
19) 1,1-Dichloroethane	3.865	63	9249	0.526	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	71709	7.193	ug/L	94
25) Chloroform	5.087	83	38238	2.086	ug/L	97
31) Carbon tetrachloride	5.521	117	2145	0.167	ug/L	96
34) Trichloroethene	6.541	95	54166	5.137	ug/L	97

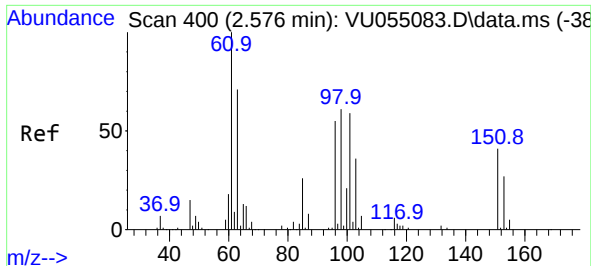
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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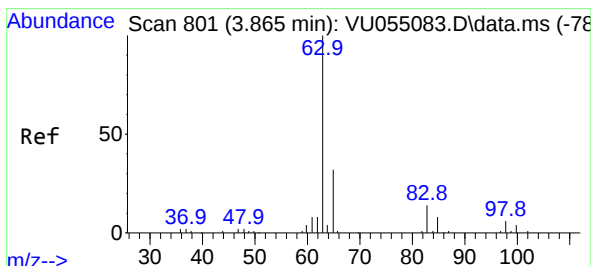
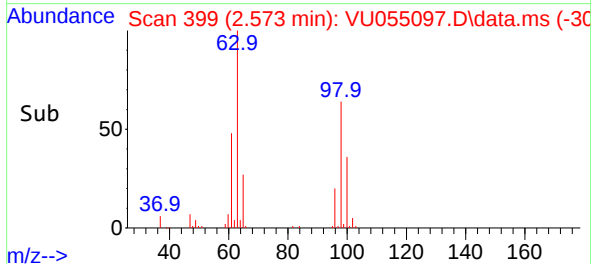
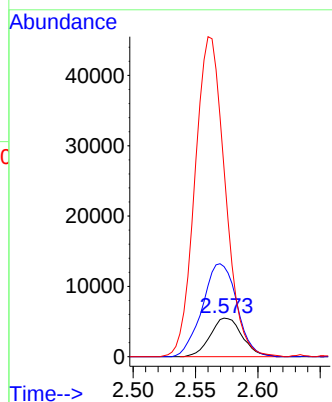
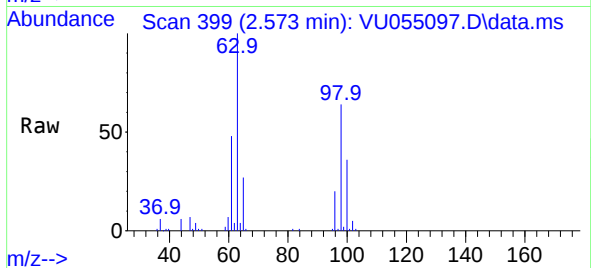




#12
1,1-Dichloroethene
Concen: 1.219 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

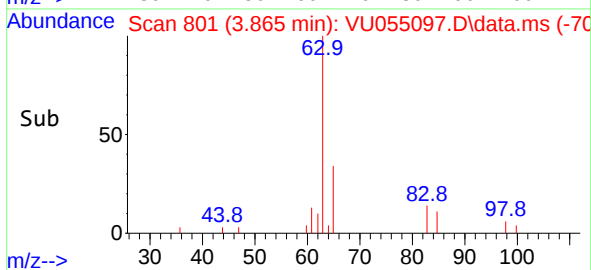
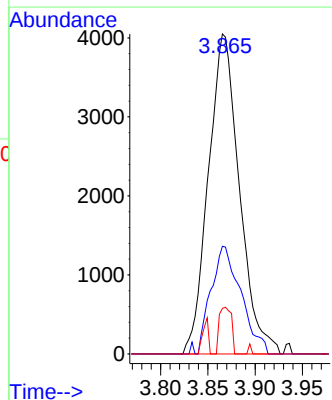
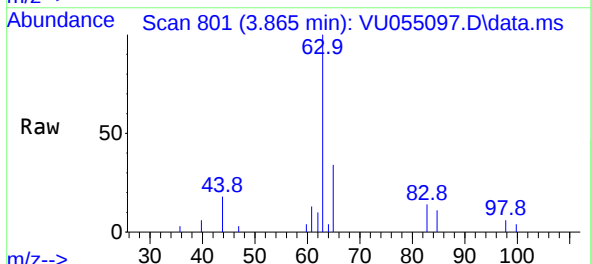
Instrument :
MSVOA_U
ClientSampleId :
BH4A7

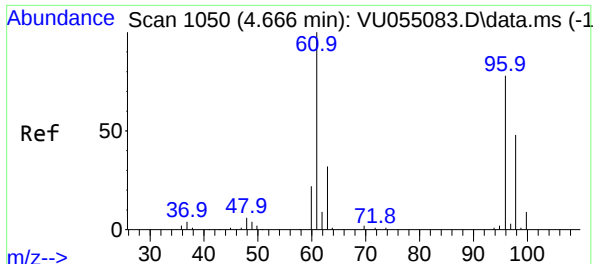
Tgt Ion: 96 Resp: 9788
Ion Ratio Lower Upper
96 100
61 233.8 120.8 224.4#
63 488.2 94.5 175.5#



#19
1,1-Dichloroethane
Concen: 0.526 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Tgt Ion: 63 Resp: 9249
Ion Ratio Lower Upper
63 100
65 33.7 22.2 41.2
83 14.2 10.6 19.8

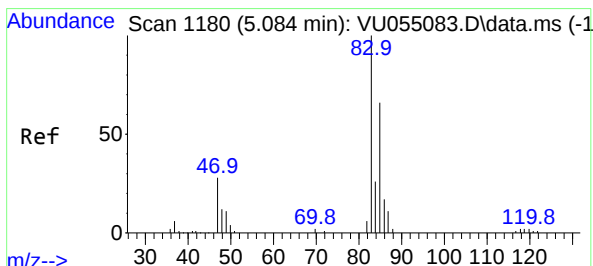
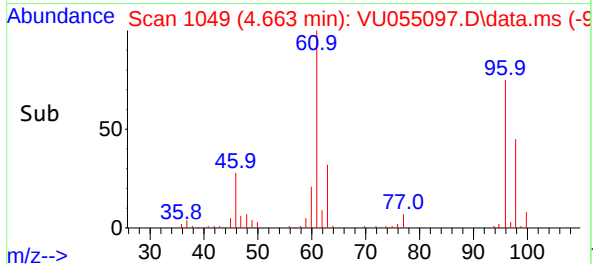
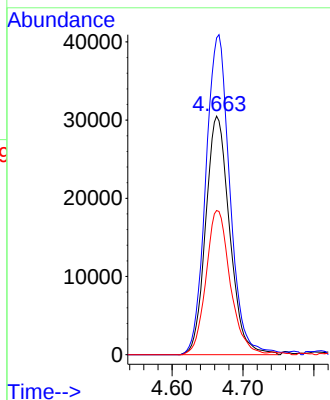
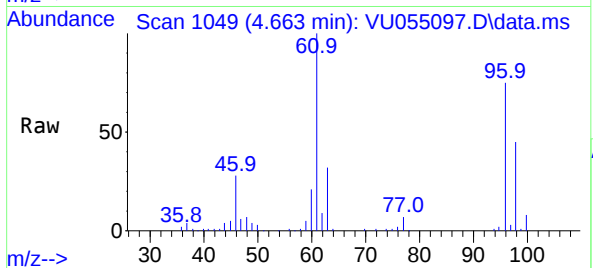




#22
cis-1,2-Dichloroethene
Concen: 7.193 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

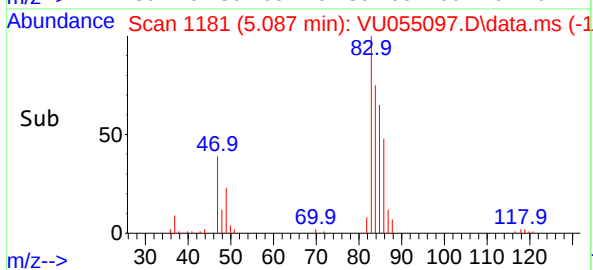
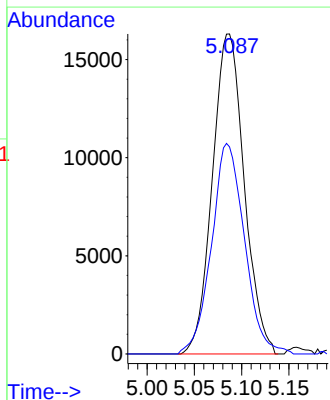
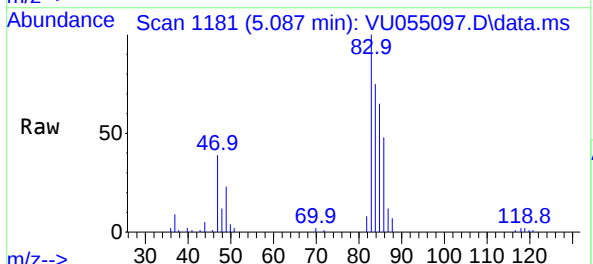
Instrument :
MSVOA_U
ClientSampleId :
BH4A7

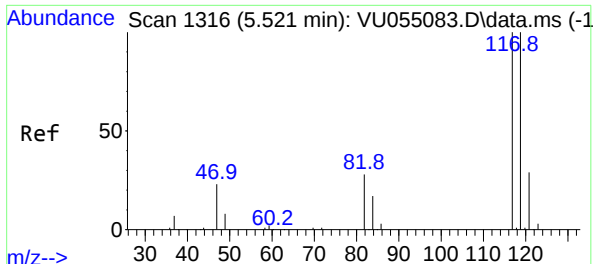
Tgt Ion: 96 Resp: 71709
Ion Ratio Lower Upper
96 100
61 132.8 97.2 180.4
98 60.4 46.1 85.7



#25
Chloroform
Concen: 2.086 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Tgt Ion: 83 Resp: 38238
Ion Ratio Lower Upper
83 100
85 64.7 47.2 87.6

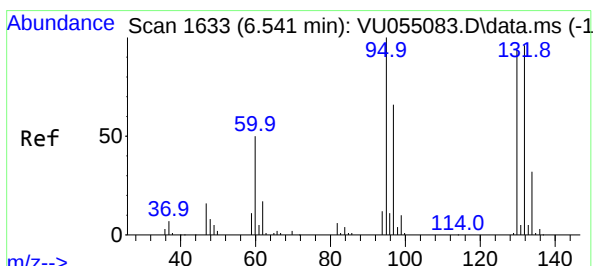
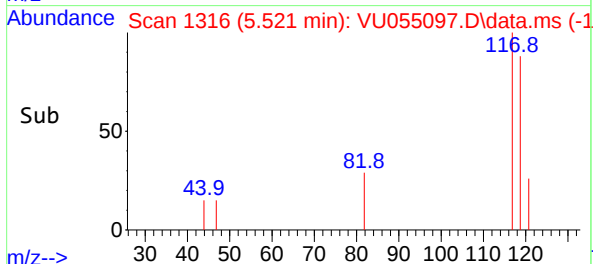
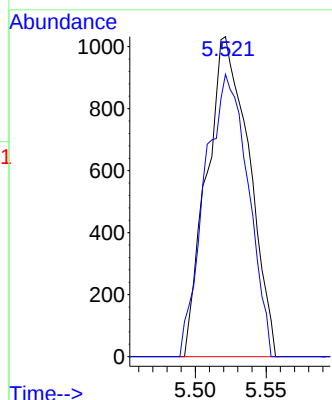
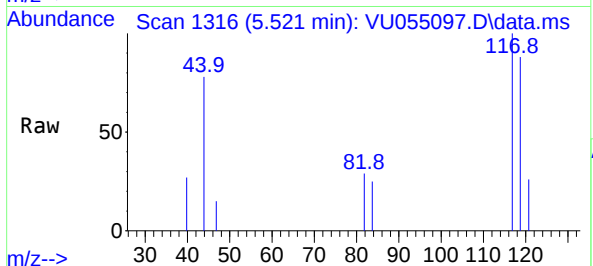




#31
Carbon tetrachloride
Concen: 0.167 ug/L
RT: 5.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Instrument :
MSVOA_U
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Tgt Ion:117 Resp: 2145
Ion Ratio Lower Upper
117 100
119 90.2 75.4 113.0



#34
Trichloroethene
Concen: 5.137 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Tgt Ion: 95 Resp: 54166
Ion Ratio Lower Upper
95 100
97 63.6 44.7 83.1
132 89.6 66.6 123.6
130 92.7 66.5 123.5

