

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076094.D
 Acq On : 11 May 2023 22:02
 Operator : KP/SY
 Sample : 02591-33
 Misc : 5.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF2

Quant Time: May 12 03:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

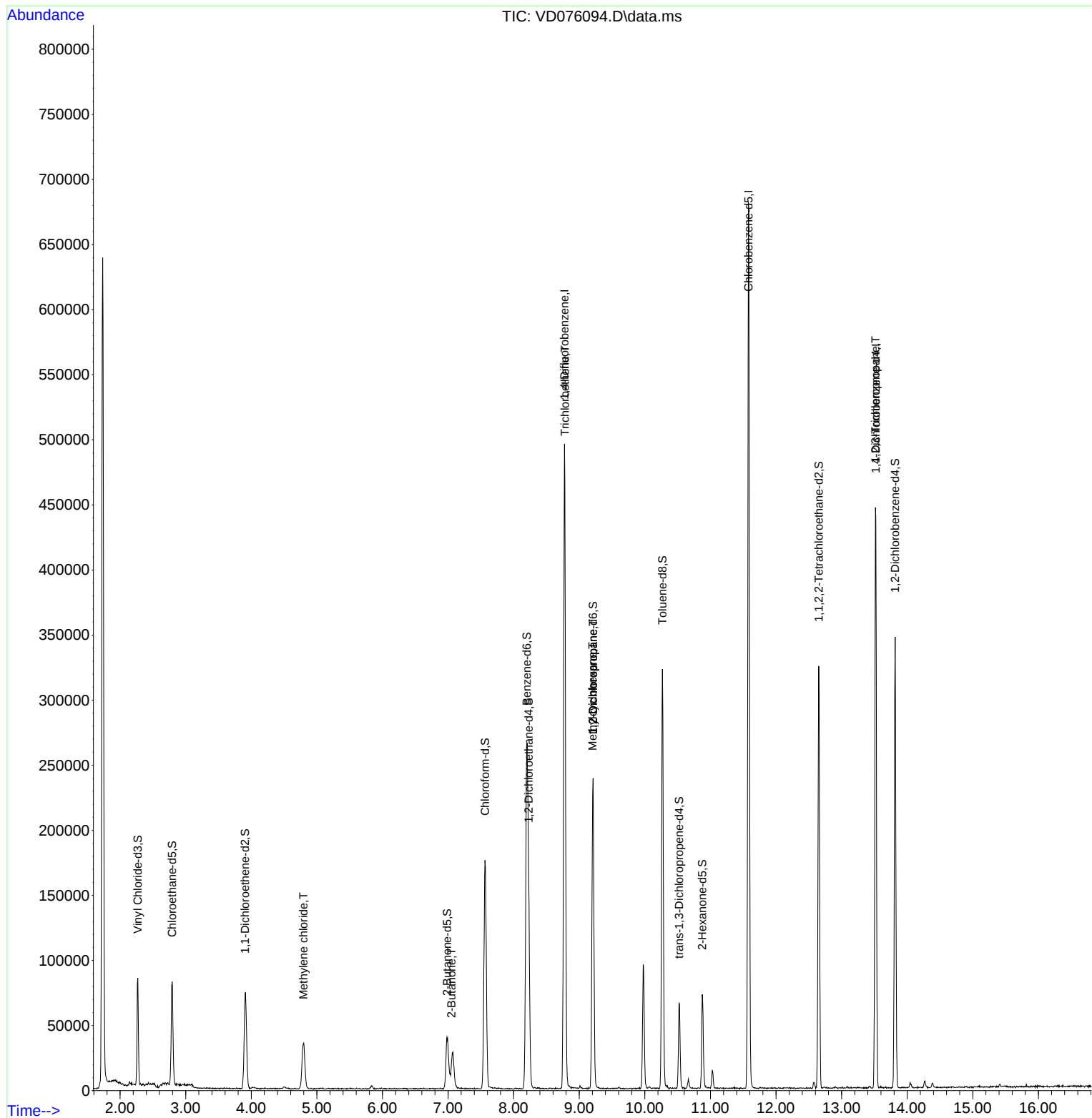
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	474619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	431490	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	137852	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	75956	10.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.840%
7) Chloroethane-d5	2.793	69	90241	13.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.160%
11) 1,1-Dichloroethene-d2	3.905	65	20123	11.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.040%#
21) 2-Butanone-d5	6.987	46	65766	67.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.560%
24) Chloroform-d	7.563	84	194317	19.542	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.160%
26) 1,2-Dichloroethane-d4	8.228	65	99527	22.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.199	84	300754	15.460	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.840%
36) 1,2-Dichloropropane-d6	9.210	67	126483	21.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.400%
41) Toluene-d8	10.269	98	241160	13.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.640%
43) trans-1,3-Dichloroprop...	10.522	79	40662	18.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.280%
47) 2-Hexanone-d5	10.875	63	26014	29.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	169485	32.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.320%#
66) 1,2-Dichlorobenzene-d4	13.816	152	100474	25.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.040%
Target Compounds						
16) Methylene chloride	4.793	84	31571	4.091	ug/L	91
22) 2-Butanone	7.052	43	3247	2.669	ug/L #	34
34) Trichloroethene	8.781	95	11710	1.891	ug/L #	2
35) Methylcyclohexane	9.204	83	30326	3.233	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	12683	2.073	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	14993	6.762	ug/L #	62

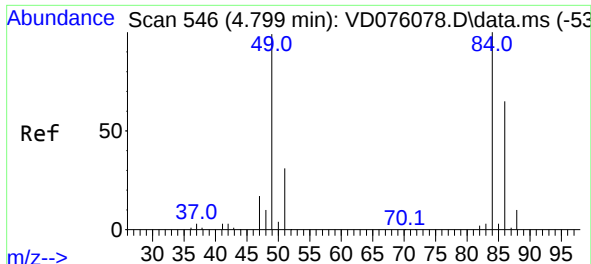
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 12 02:22:21 2023
Response via : Initial Calibration

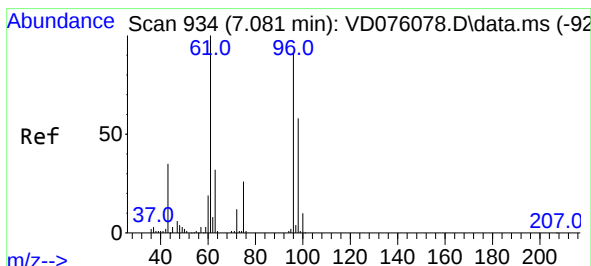
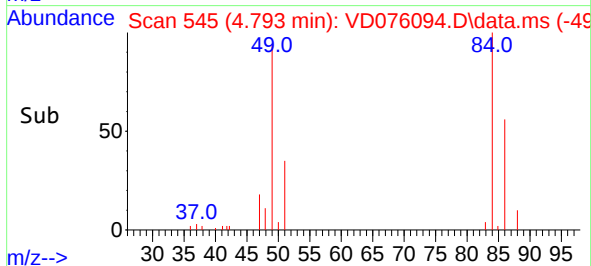
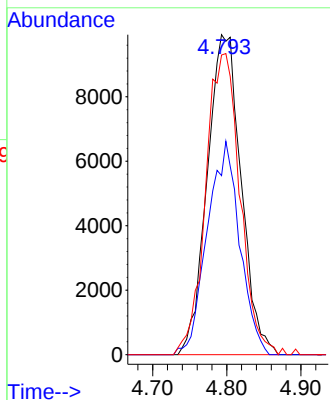
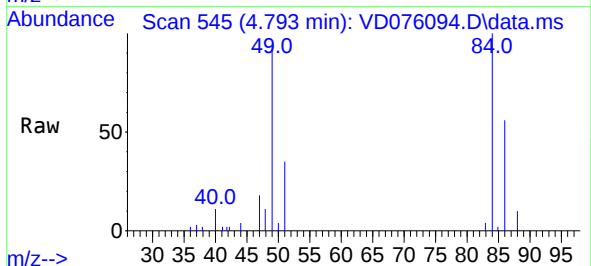




#16
Methylene chloride
Concen: 4.091 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

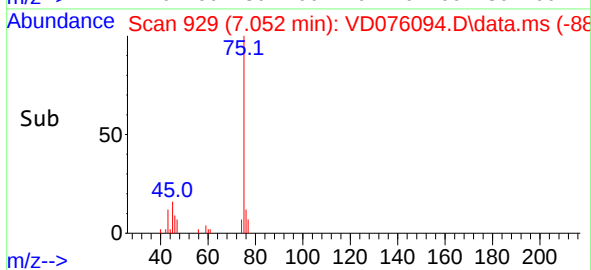
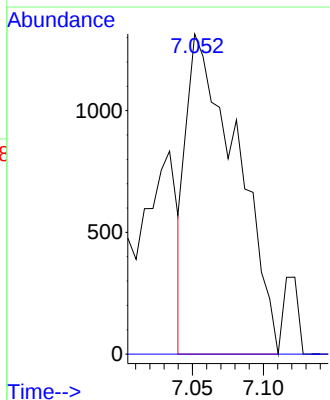
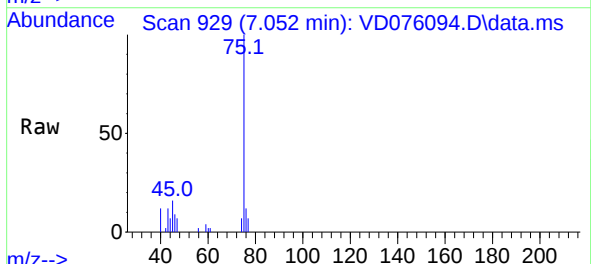
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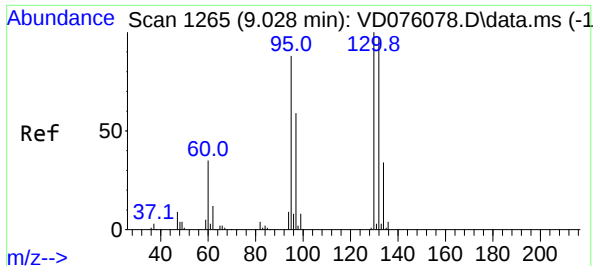
Tgt Ion: 84 Resp: 31571
Ion Ratio Lower Upper
84 100
86 55.9 45.8 85.2
49 93.7 60.8 112.8



#22
2-Butanone
Concen: 2.669 ug/L
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#

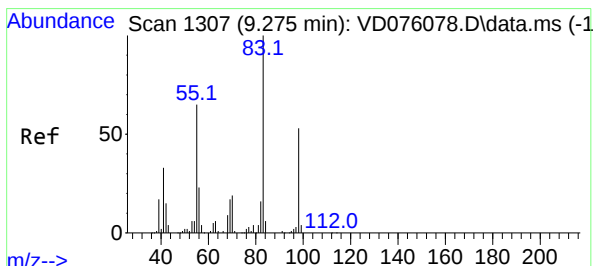
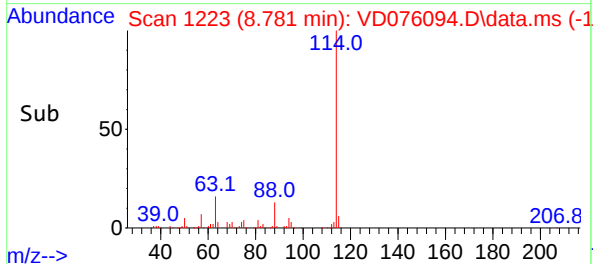
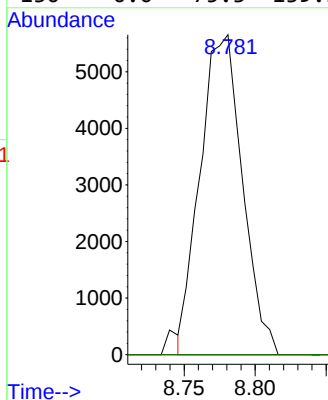
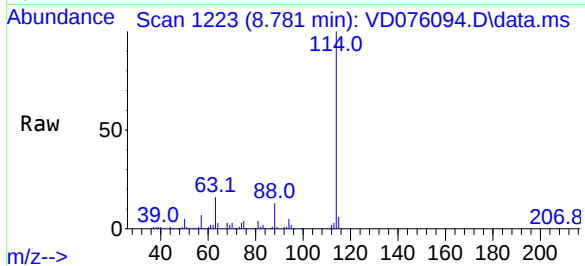




#34
Trichloroethene
Concen: 1.891 ug/L
RT: 8.781 min Scan# 11710
Delta R.T. -0.247 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

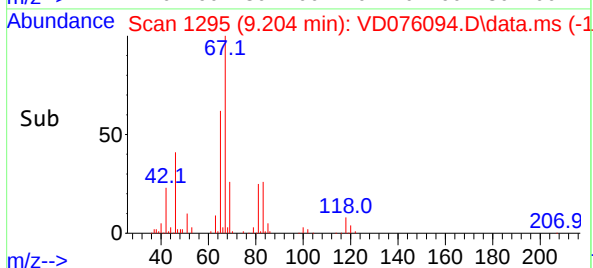
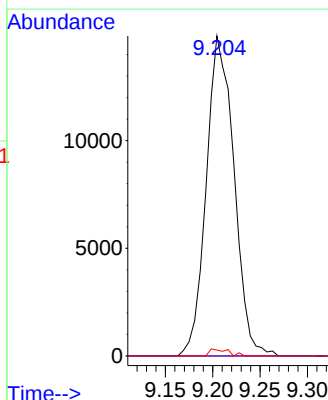
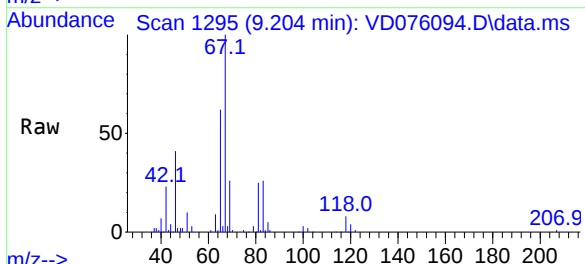
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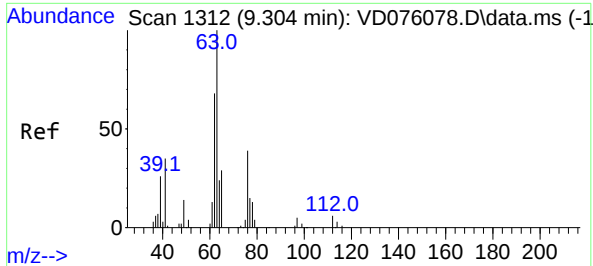
Tgt Ion:	95	Resp:	11710
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 3.233 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

Tgt Ion:	83	Resp:	30326
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.0	40.8	61.2#

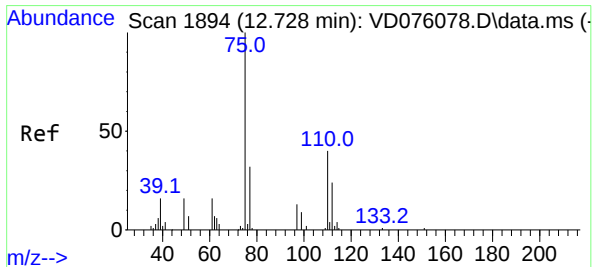
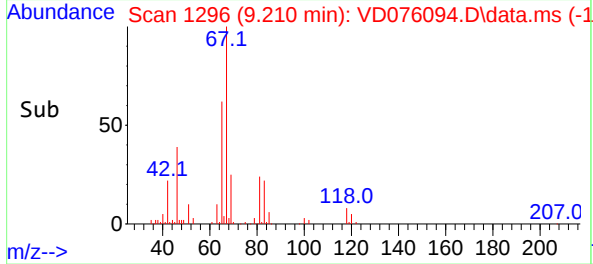
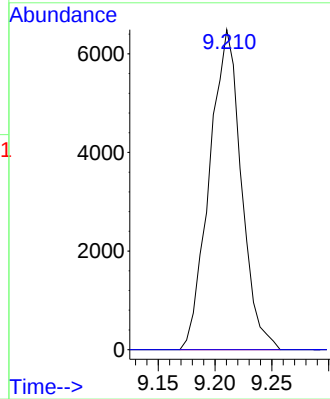
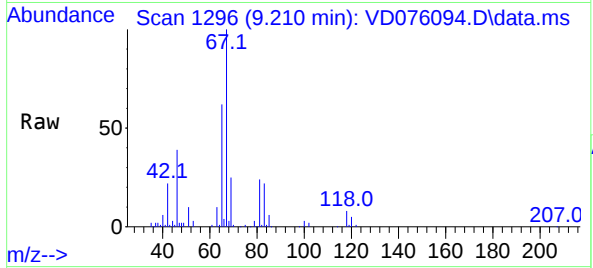




#37
1,2-Dichloropropane
Concen: 2.073 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
JREF2

Tgt Ion: 63 Resp: 12683
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 6.762 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076094.D
Acq: 11 May 2023 22:02

Tgt Ion: 75 Resp: 14993
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8
110 1.1 33.5 50.3#

