

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053808.D
 Acq On : 20 Apr 2023 15:58
 Operator : JC/MD
 Sample : 02392-01 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE12

Quant Time: Apr 21 04:20:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

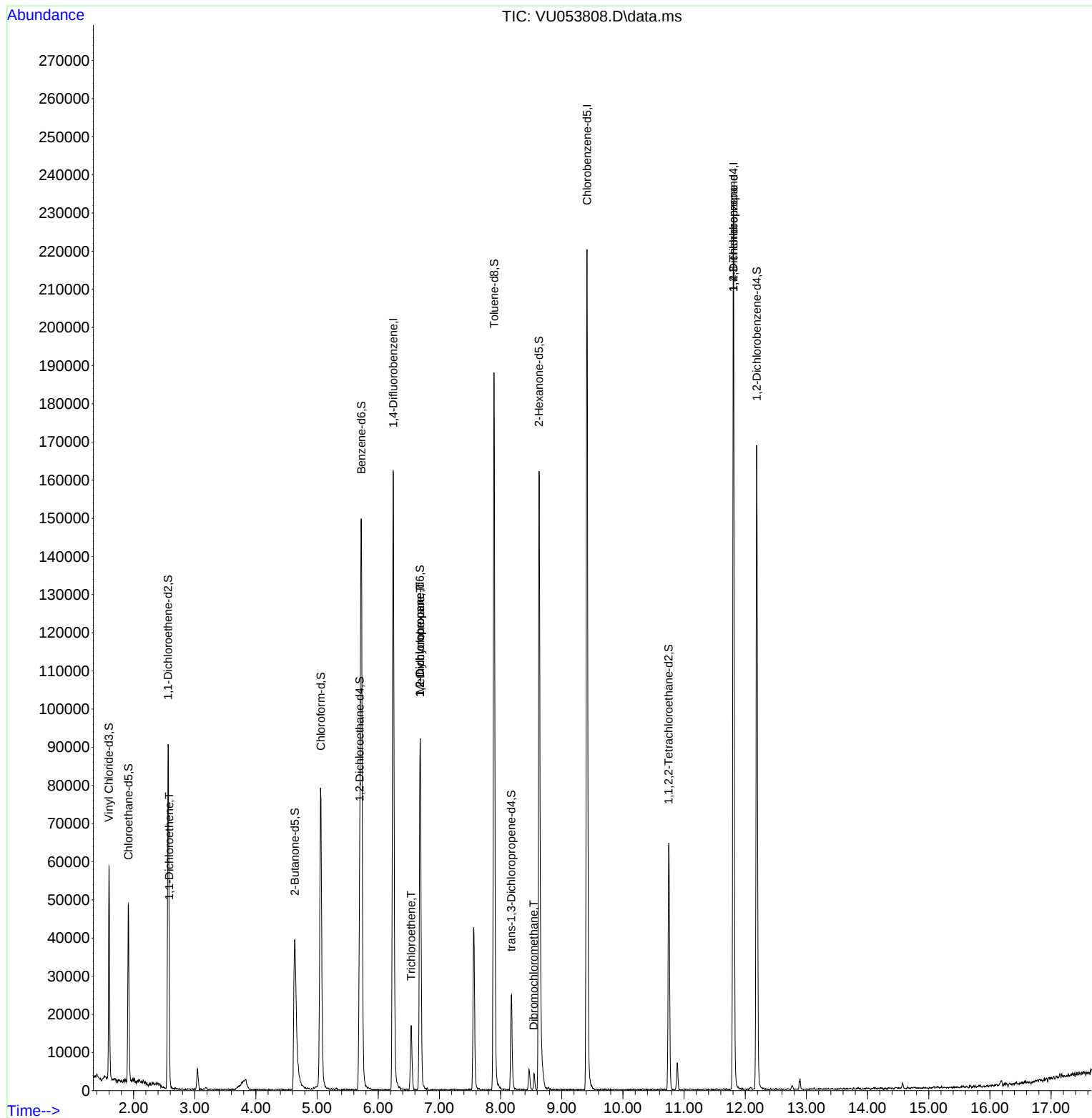
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43088	4.414	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.916	69	34897	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.565	65	16992	4.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.636	46	73487	32.862	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.720%
24) Chloroform-d	5.060	84	73059	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.697	65	35143	3.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	5.723	84	147984	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.684	67	44832	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.893	98	134025	3.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.176	79	15505	3.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.629	63	58045	32.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.280%
56) 1,1,2,2-Tetrachloroeth...	10.748	84	33952	3.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	47282	4.131	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	1243	0.155	ug/L #	1
34) Trichloroethene	6.539	95	5813	0.607	ug/L	90
35) Methylcyclohexane	6.687	83	10756	0.655	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	4877	0.514	ug/L #	89
49) Dibromochloromethane	8.542	129	876	0.131	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	6945	1.318	ug/L #	67

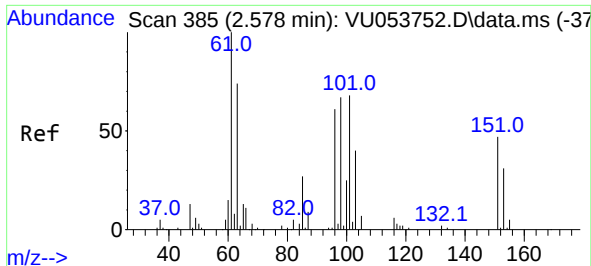
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.155 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU053808.D

Acq: 20 Apr 2023 15:58

Instrument :

MSVOA_U

ClientSampleId :

BHE12

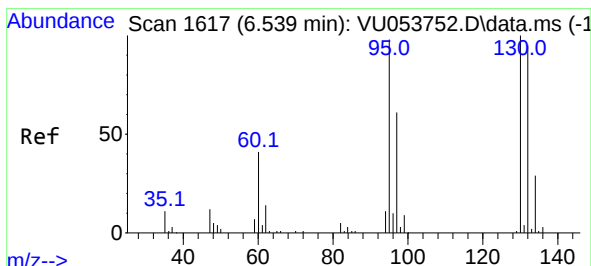
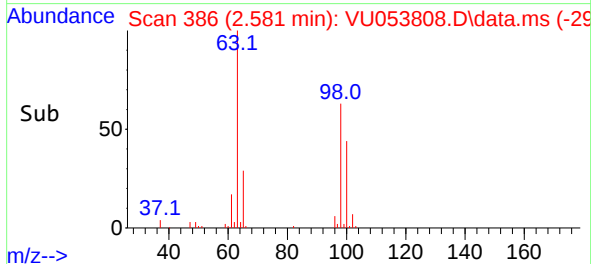
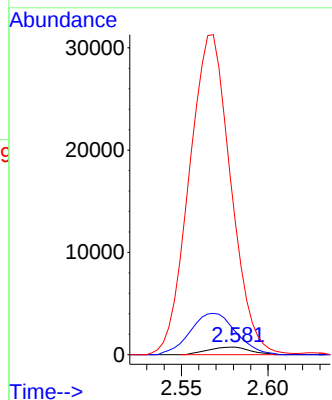
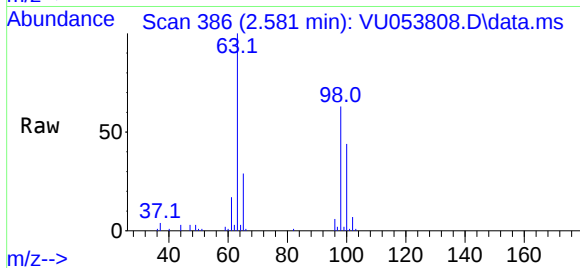
Tgt Ion: 96 Resp: 1243

Ion Ratio Lower Upper

96 100

61 302.7 116.8 216.8#

63 1733.0 88.6 164.6#



#34

Trichloroethene

Concen: 0.607 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053808.D

Acq: 20 Apr 2023 15:58

Tgt Ion: 95 Resp: 5813

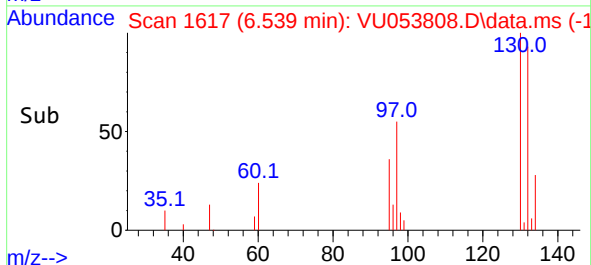
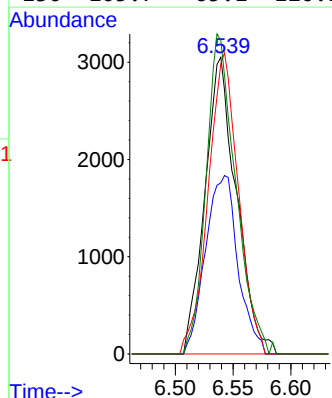
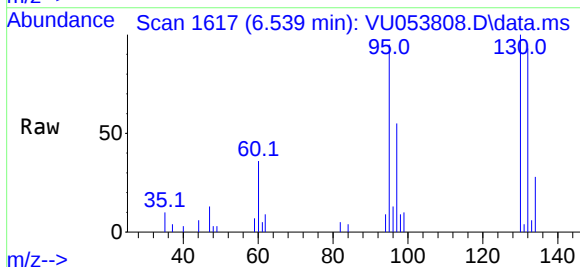
Ion Ratio Lower Upper

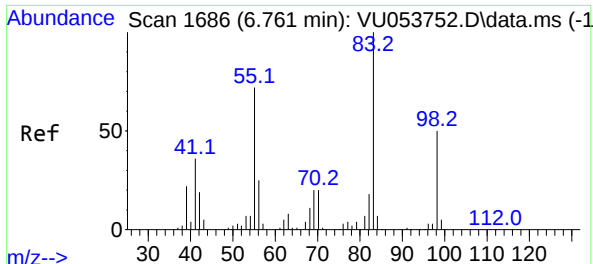
95 100

97 57.7 45.3 84.1

132 97.8 62.8 116.6

130 105.7 65.1 120.9

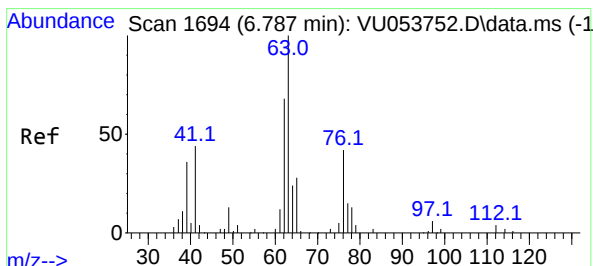
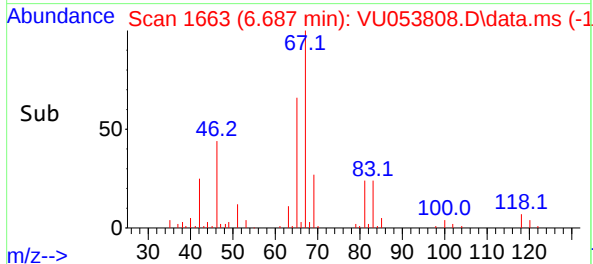
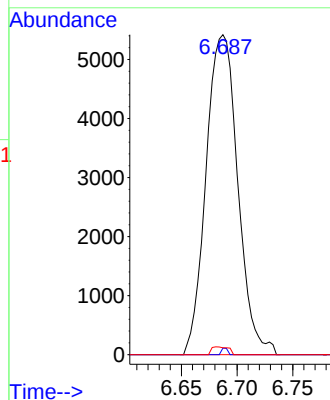
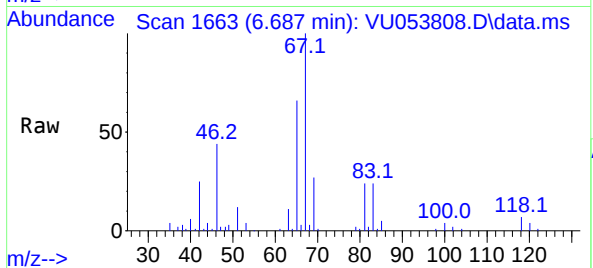




#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053808.D
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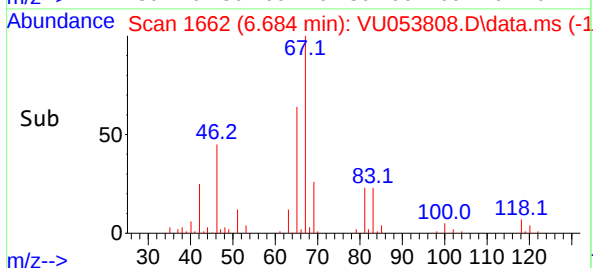
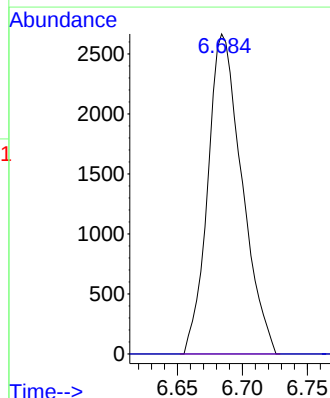
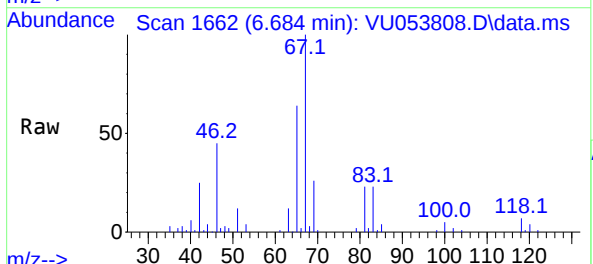
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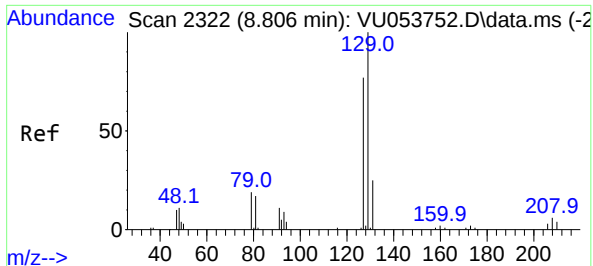
Tgt Ion: 83 Resp: 10756
Ion Ratio Lower Upper
83 100
55 0.4 54.9 82.3#
98 1.3 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053808.D
Acq: 20 Apr 2023 15:58

Tgt Ion: 63 Resp: 4877
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#49

Dibromochloromethane

Concen: 0.131 ug/L

RT: 8.542 min Scan# 21

Delta R.T. -0.264 min

Lab File: VU053808.D

Acq: 20 Apr 2023 15:58

Instrument :

MSVOA_U

ClientSampleId :

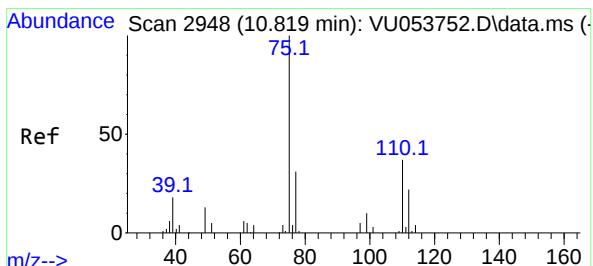
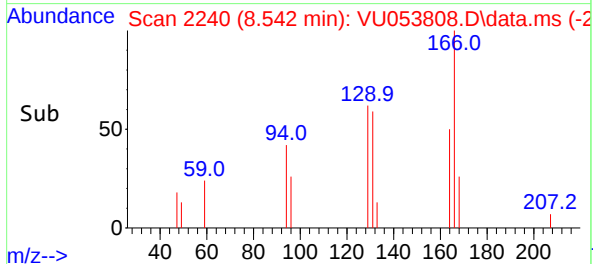
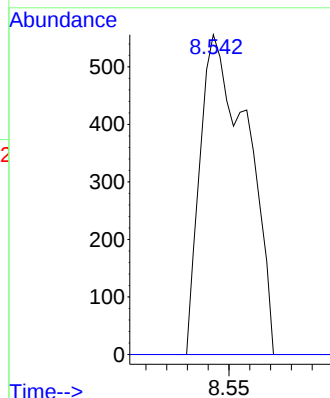
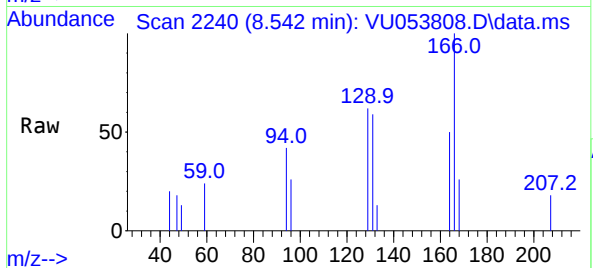
BHE12

Tgt Ion:129 Resp: 876

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.318 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053808.D

Acq: 20 Apr 2023 15:58

Tgt Ion: 75 Resp: 6945

Ion Ratio Lower Upper

75 100

110 1.8 30.6 46.0#

77 31.7 26.1 39.1

