

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053807.D
 Acq On : 20 Apr 2023 15:36
 Operator : JC/MD
 Sample : 02396-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C11C8

Quant Time: Apr 21 04:20:47 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)

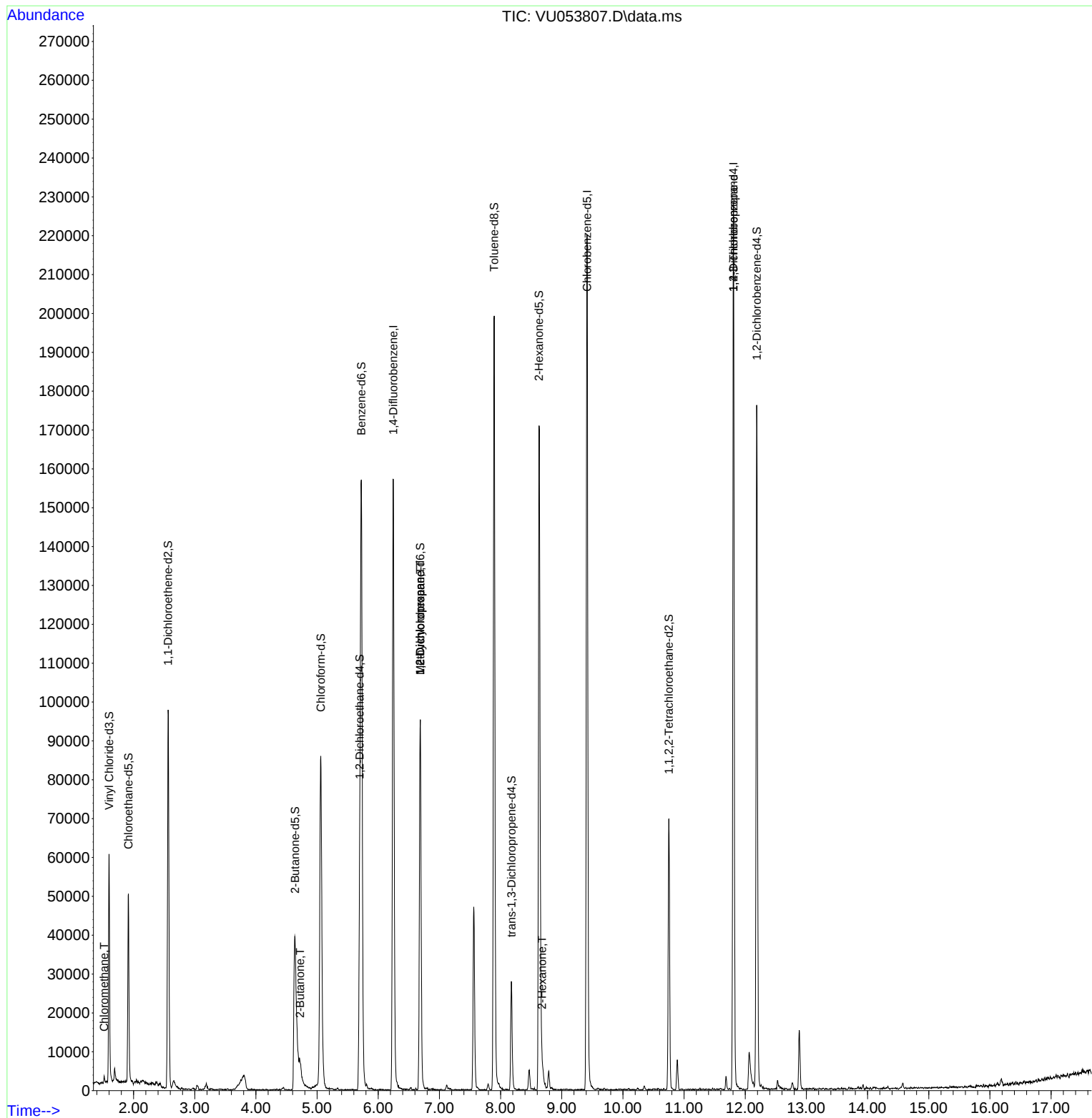
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139089	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43742	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.916	69	35685	4.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.565	65	17906	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.639	46	77026	35.139	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.280%
24) Chloroform-d	5.060	84	78152	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.697	65	37514	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.723	84	157743	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.687	67	48594	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.896	98	141910	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	16714	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.629	63	62810	35.673	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35117	3.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	48964	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1334	0.133	ug/L	99
21) 2-Butanone	4.723	43	8944	4.428	ug/L #	69
35) Methylcyclohexane	6.687	83	11175	0.698	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5288	0.571	ug/L #	90
48) 2-Hexanone	8.677	43	2549	0.761	ug/L #	74
61) 1,2,3-Trichloropropane	11.806	75	7614	1.454	ug/L #	65

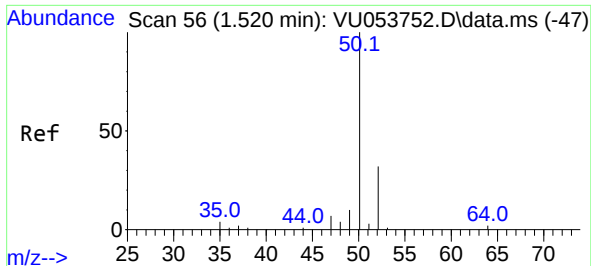
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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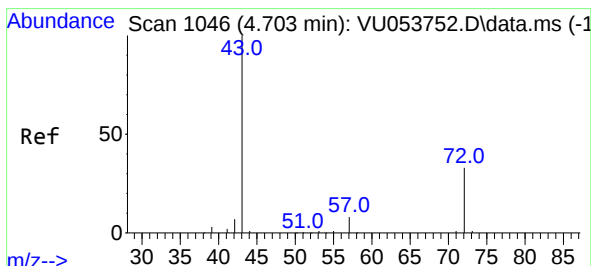
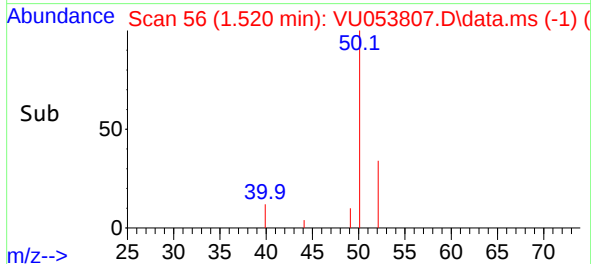
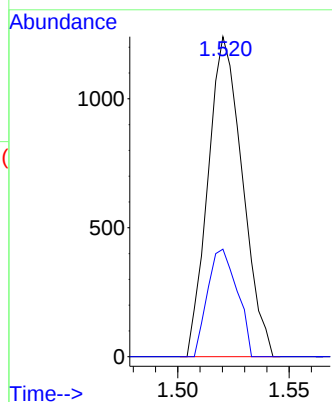
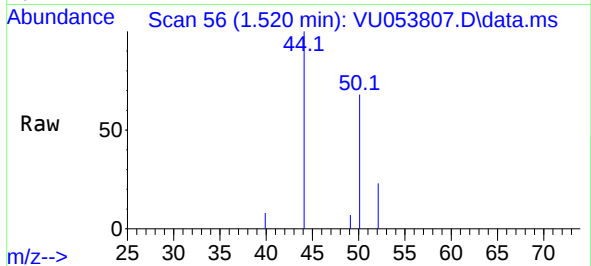




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

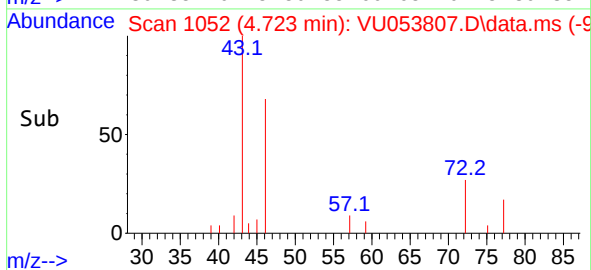
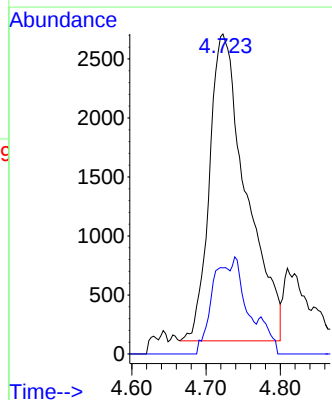
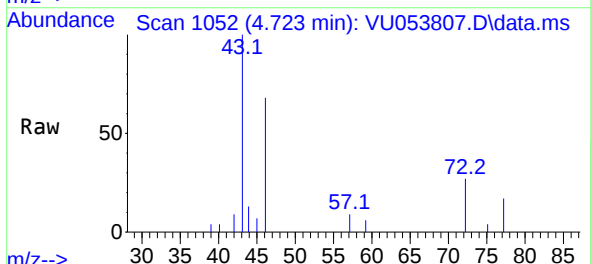
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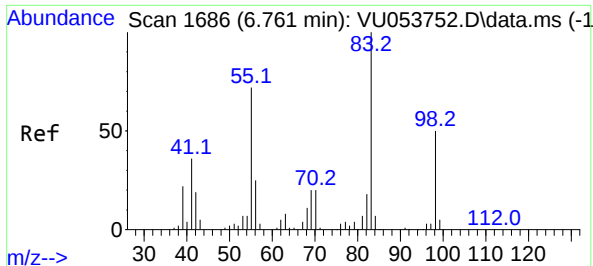
Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 33.6 23.9 44.3



#21
2-Butanone
Concen: 4.428 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.019 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

Tgt Ion: 43 Resp: 8944
Ion Ratio Lower Upper
43 100
72 15.3 16.2 48.6#

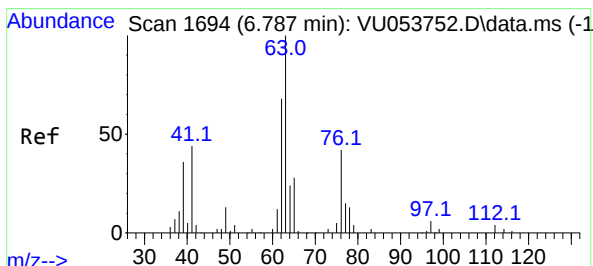
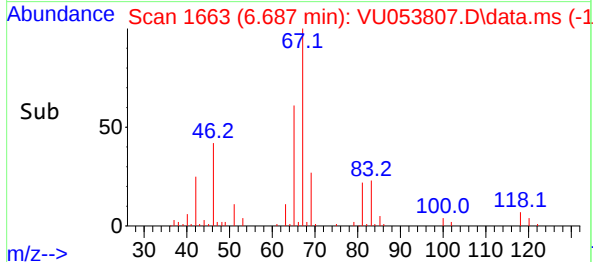
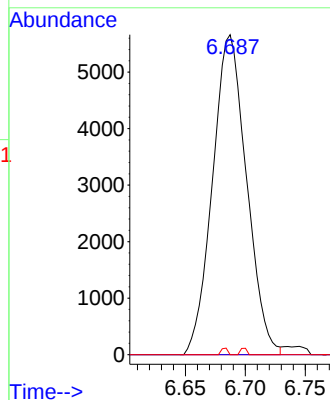
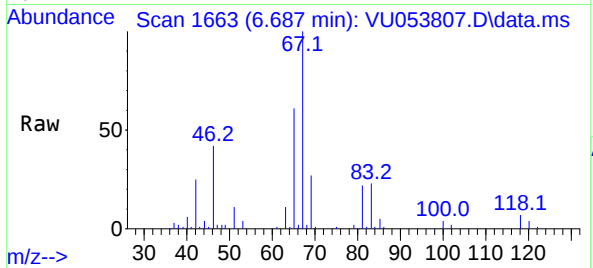




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

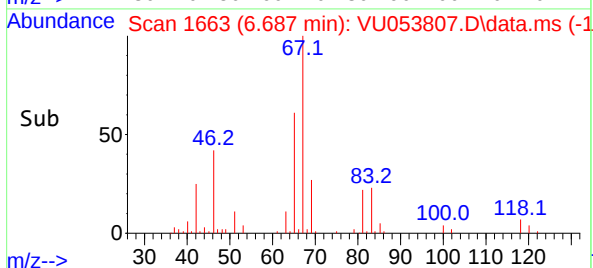
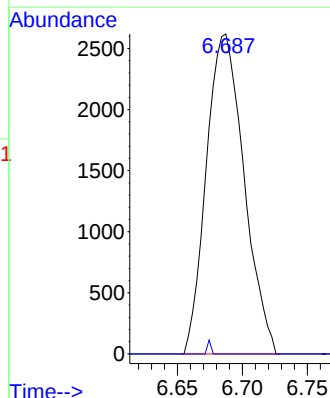
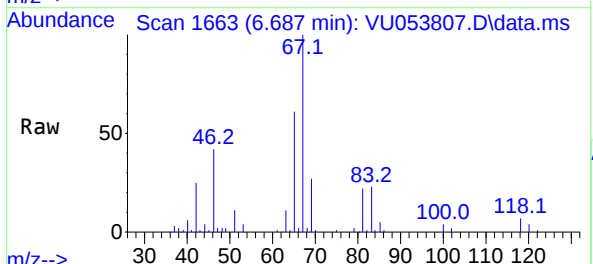
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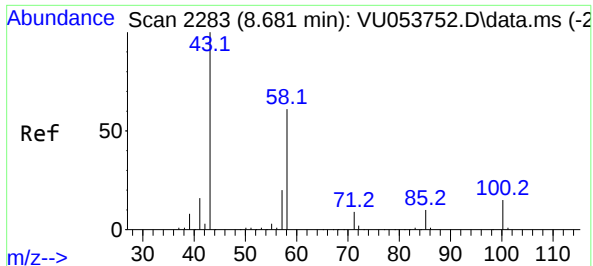
Tgt Ion: 83 Resp: 11175
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.4 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

Tgt Ion: 63 Resp: 5288
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#



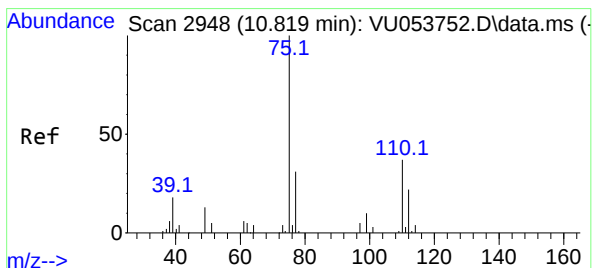
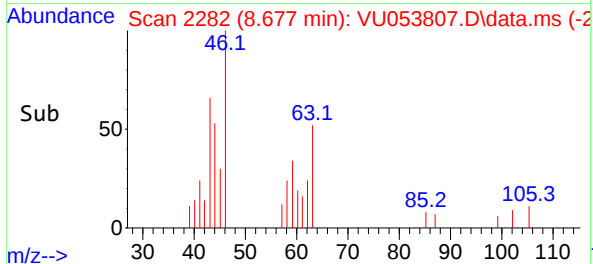
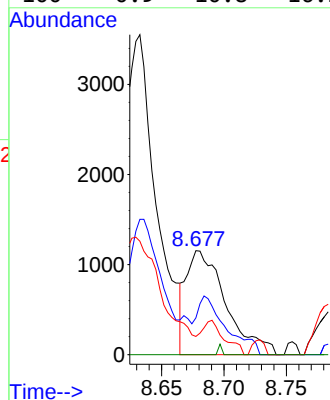
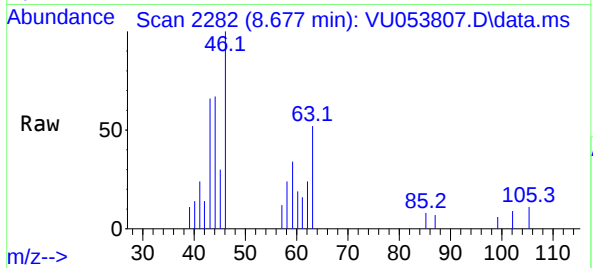


#48
2-Hexanone
Concen: 0.761 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

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Tgt Ion: 43 Resp: 2549

Ion	Ratio	Lower	Upper
43	100		
58	41.2	52.8	79.2#
57	18.8	17.1	25.7
100	0.9	10.8	16.2#



#61
1,2,3-Trichloropropane
Concen: 1.454 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053807.D
Acq: 20 Apr 2023 15:36

Tgt Ion: 75 Resp: 7614

Ion	Ratio	Lower	Upper
75	100		
110	0.6	30.6	46.0#
77	33.8	26.1	39.1

