

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053694.D
 Acq On : 13 Apr 2023 20:10
 Operator : JC/MD
 Sample : 02340-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE04

Quant Time: Apr 14 02:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

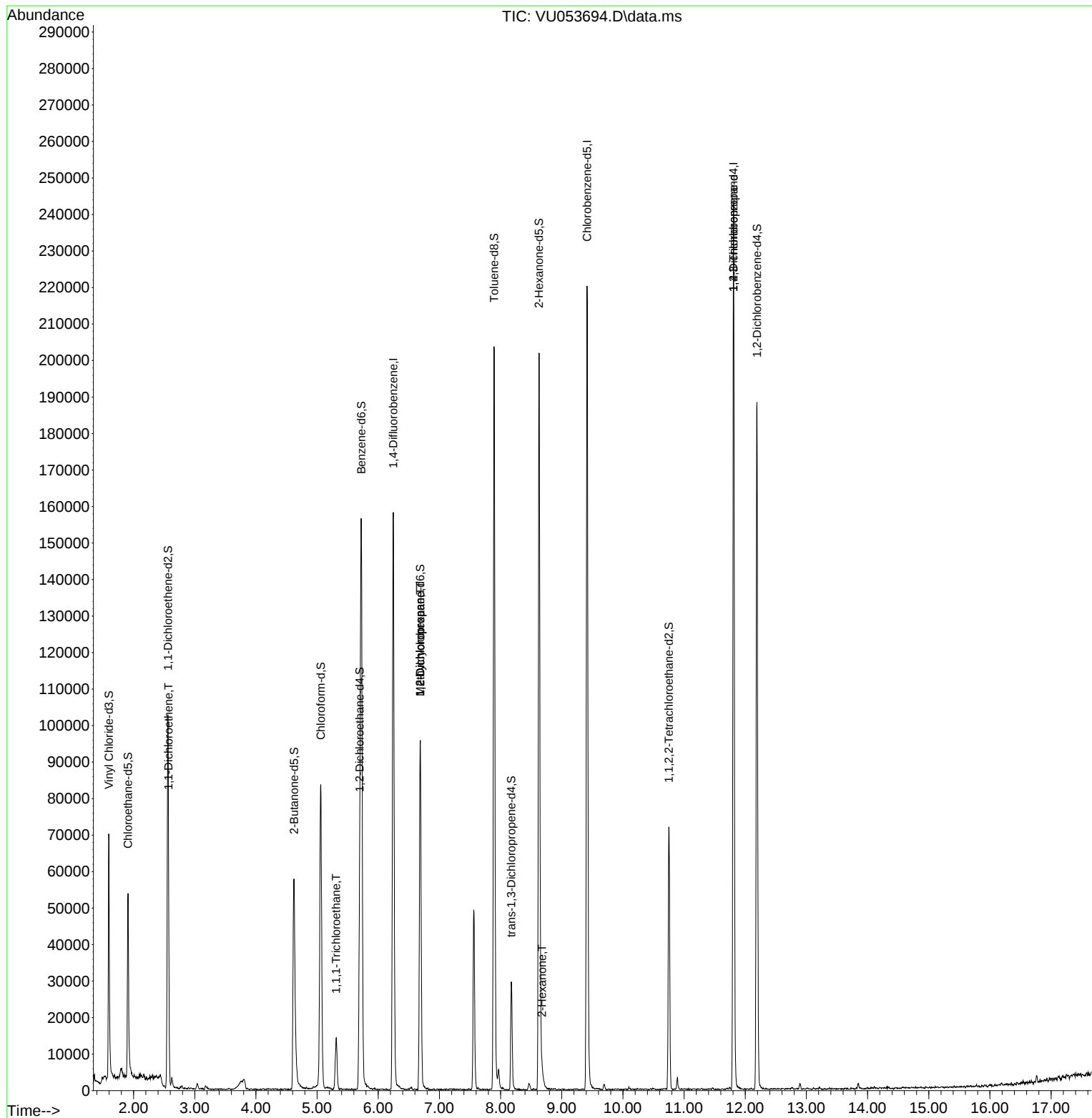
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	132442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52572	5.770	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.400%
7) Chloroethane-d5	1.909	69	39249	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.562	65	17981	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.623	46	83404	39.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.920%
24) Chloroform-d	5.060	84	74724	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.697	65	37466	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.722	84	157002	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.687	67	48397	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.893	98	143051	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.176	79	17951	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.629	63	71976	41.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36242	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	50068	4.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.571	96	2571	0.343	ug/L #	1
29) 1,1,1-Trichloroethane	5.311	97	9785	0.761	ug/L	94
35) Methylcyclohexane	6.687	83	11283	0.708	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5509	0.598	ug/L #	89
48) 2-Hexanone	8.677	43	2150	0.645	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	8141	1.484	ug/L #	66

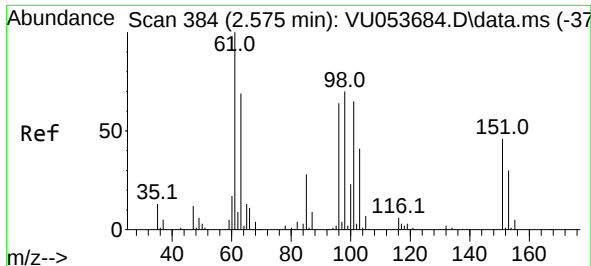
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.343 ug/L

RT: 2.571 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU053694.D

Acq: 13 Apr 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

BHE04

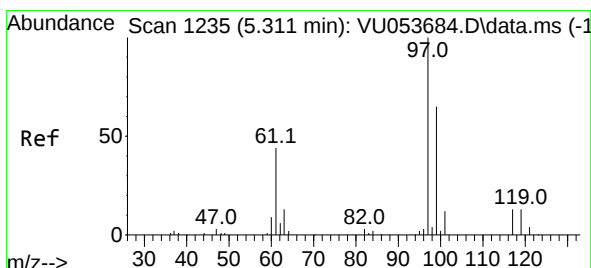
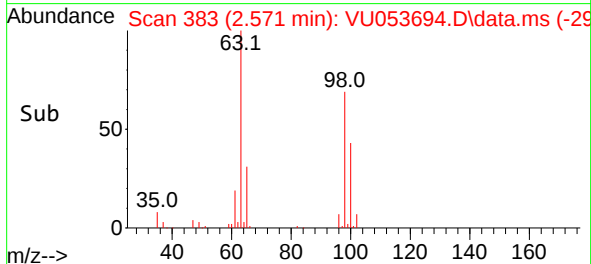
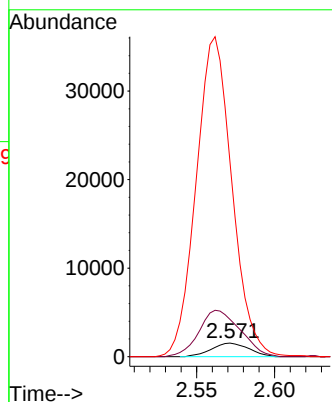
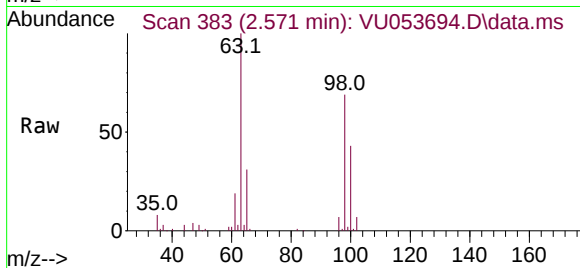
Tgt Ion: 96 Resp: 2571

Ion Ratio Lower Upper

96 100

61 275.4 116.8 216.8#

63 1440.8 88.6 164.6#



#29

1,1,1-Trichloroethane

Concen: 0.761 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053694.D

Acq: 13 Apr 2023 20:10

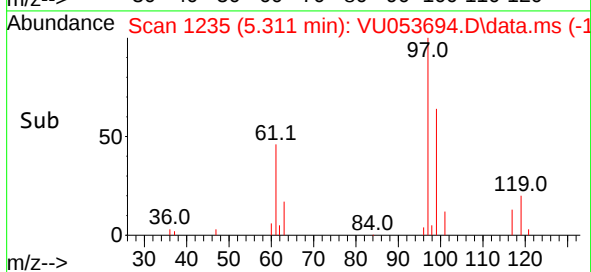
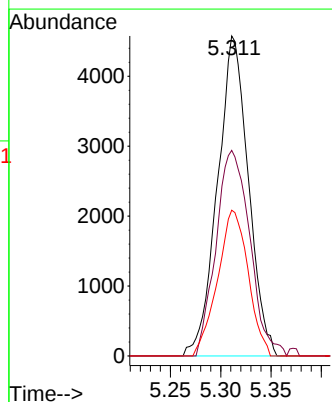
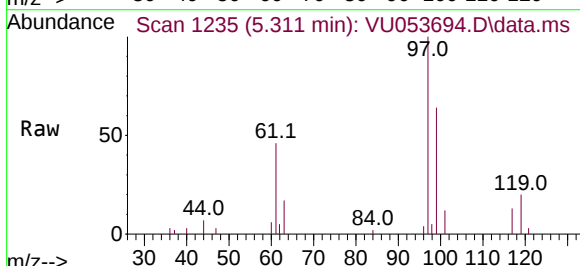
Tgt Ion: 97 Resp: 9785

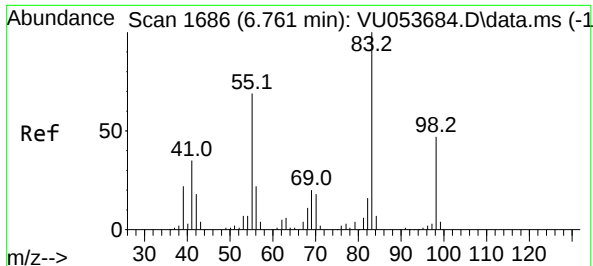
Ion Ratio Lower Upper

97 100

99 70.4 49.9 74.9

61 45.1 35.7 53.5

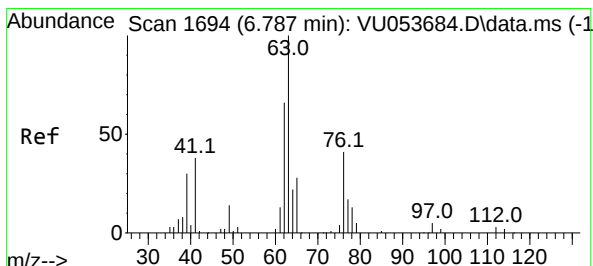
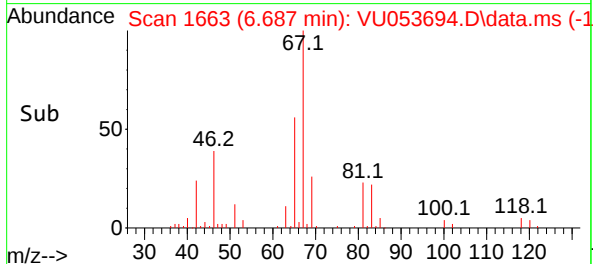
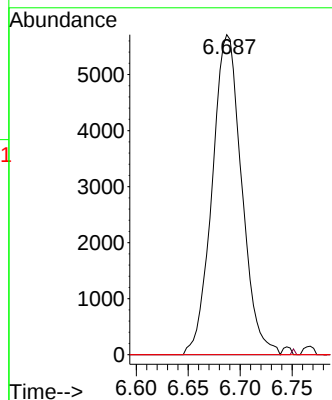
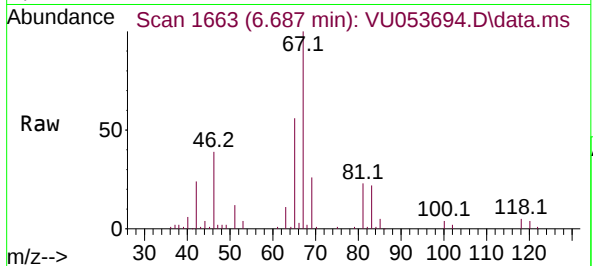




#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053694.D
Acq: 13 Apr 2023 20:10

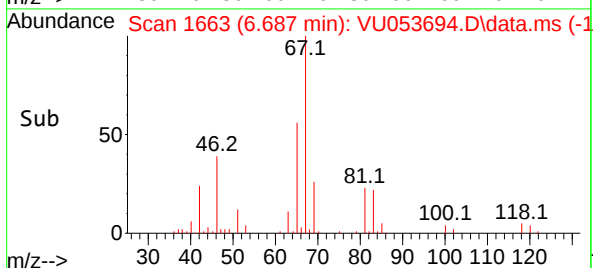
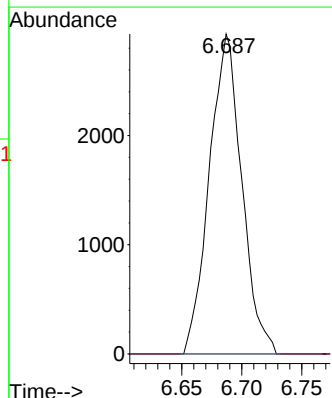
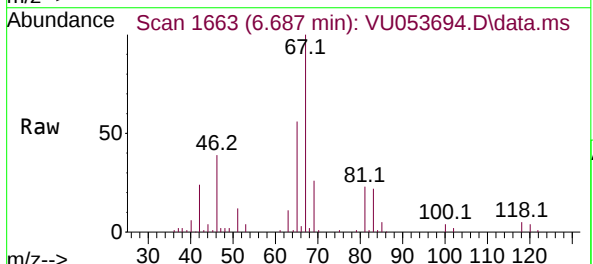
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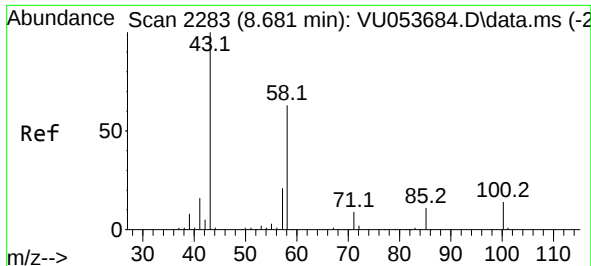
Tgt Ion: 83 Resp: 11283
Ion Ratio Lower Upper
83 100
55 0.2 54.9 82.3#
98 0.2 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053694.D
Acq: 13 Apr 2023 20:10

Tgt Ion: 63 Resp: 5509
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#48

2-Hexanone

Concen: 0.645 ug/L

RT: 8.677 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053694.D

Acq: 13 Apr 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

BHE04

Tgt Ion: 43 Resp: 2150

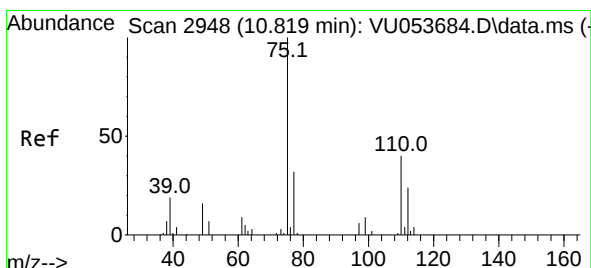
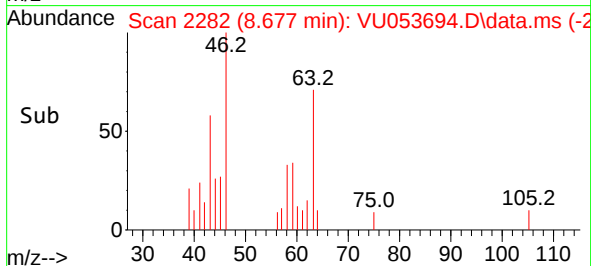
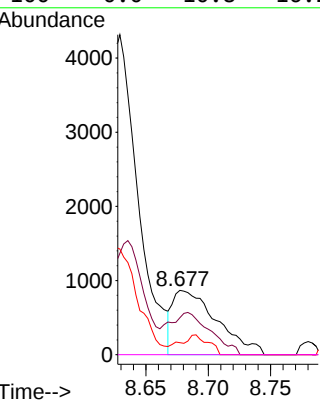
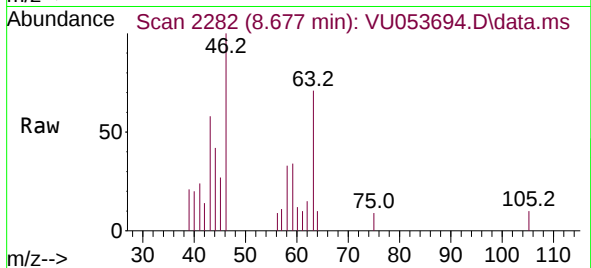
Ion Ratio Lower Upper

43 100

58 60.9 52.8 79.2

57 19.3 17.1 25.7

100 0.0 10.8 16.2#



#61

1,2,3-Trichloropropane

Concen: 1.484 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053694.D

Acq: 13 Apr 2023 20:10

Tgt Ion: 75 Resp: 8141

Ion Ratio Lower Upper

75 100

110 1.1 30.6 46.0#

77 33.7 26.1 39.1

