

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042837.D
 Acq On : 30 Mar 2021 14:02
 Operator : SY/MD
 Sample : M1846-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR15

Quant Time: Mar 31 02:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

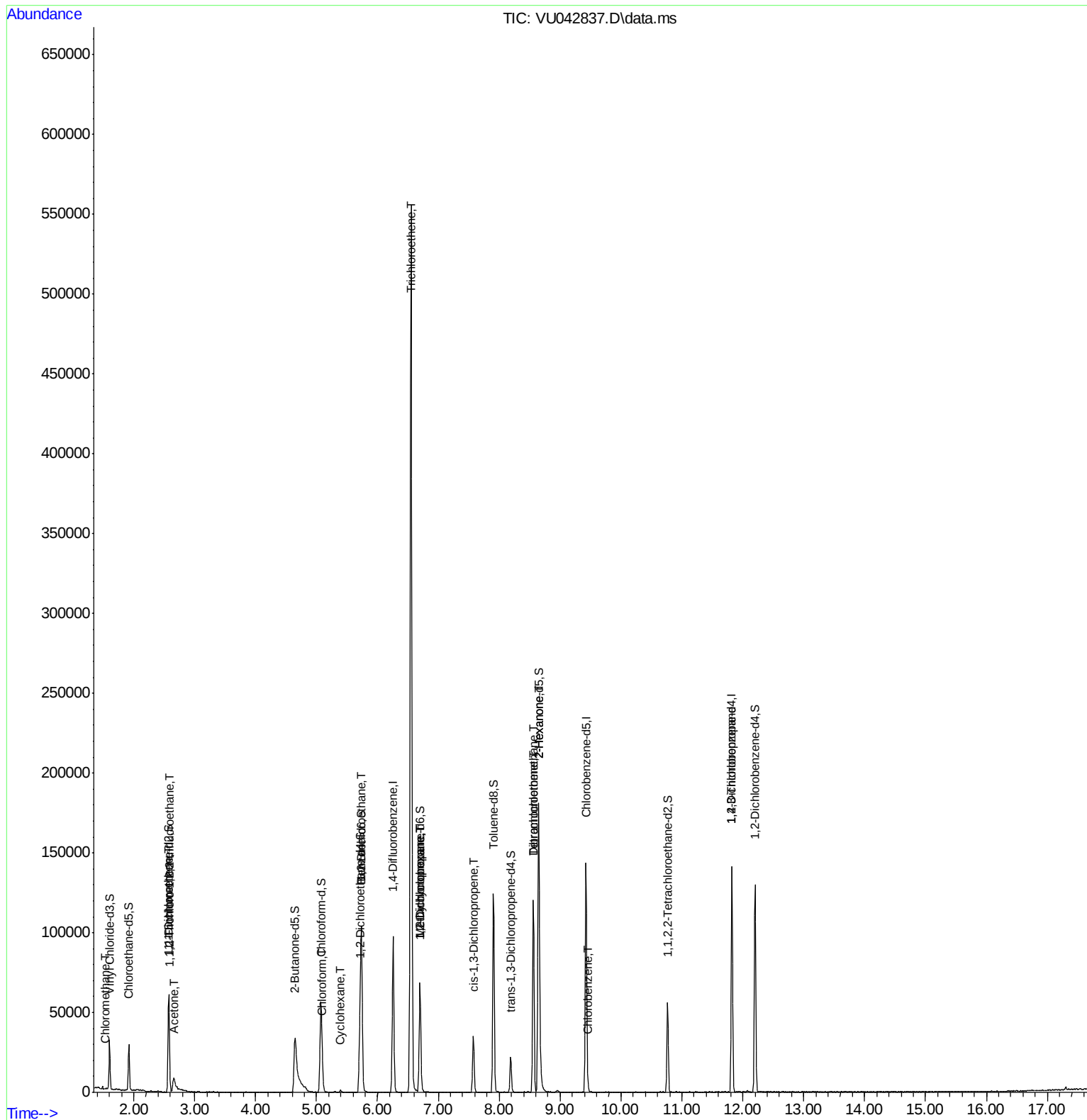
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	74221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21184	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.40%		
7) Chloroethane-d5	1.919	69	19222	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	102.20%		
11) 1,1-Dichloroethene-d2	2.575	63	37120	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	66.20%		
20) 2-Butanone-d5	4.645	46	93995	57.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	115.30%		
24) Chloroform-d	5.073	84	49637	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.00%		
26) 1,2-Dichloroethane-d4	5.713	65	31536	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.40%		
32) Benzene-d6	5.738	84	86069	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.60%		
36) 1,2-Dichloropropane-d6	6.700	67	29194	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.40%		
41) Toluene-d8	7.906	98	77743	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.60%		
43) trans-1,3-Dichloroprop...	8.189	79	11771	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.80%		
46) 2-Hexanone-d5	8.645	63	66468	50.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.24%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24953	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.40%		
64) 1,2-Dichlorobenzene-d4	12.201	152	33051	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.20%		
Target Compounds						
3) Chloromethane	1.523	50	388	0.06	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	445	0.08	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	658	0.13	ug/L #	1
13) Acetone	2.655	43	20039	15.95	ug/L	92
25) Chloroform	5.099	83	5019	0.45	ug/L	94
27) 1,2-Dichloroethane	5.735	62	643	0.08	ug/L #	75
30) Cyclohexane	5.394	56	498	0.05	ug/L #	90
34) Trichloroethene	6.552	95	180082	27.97	ug/L	98
35) Methylcyclohexane	6.700	83	6763	0.69	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	3702	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	871	0.10	ug/L #	50
47) Tetrachloroethene	8.562	164	25806	4.92	ug/L	98
48) 2-Hexanone	8.645	43	10968	2.72	ug/L #	70
49) Dibromochloromethane	8.562	129	23989	4.15	ug/L #	12
51) Chlorobenzene	9.455	112	1592	0.10	ug/L	98
59) 1,2,3-Trichloropropane	11.819	75	4442	0.94	ug/L #	87

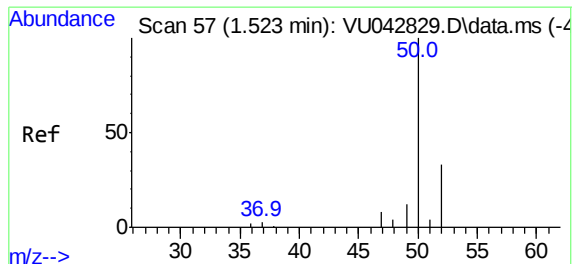
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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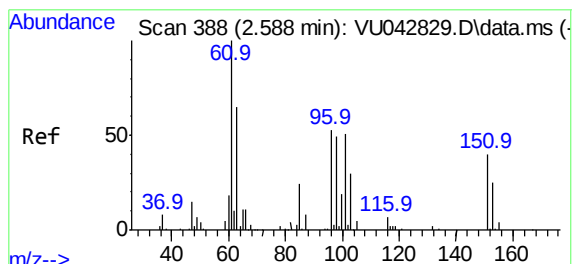
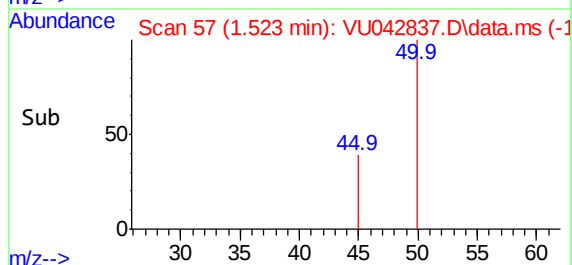
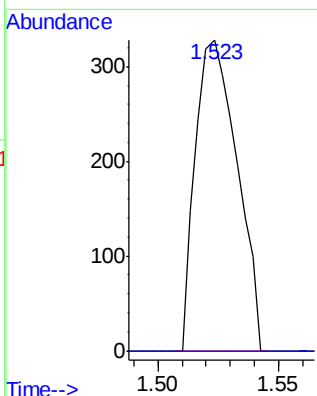
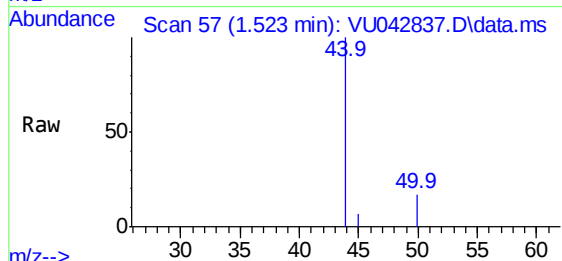




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

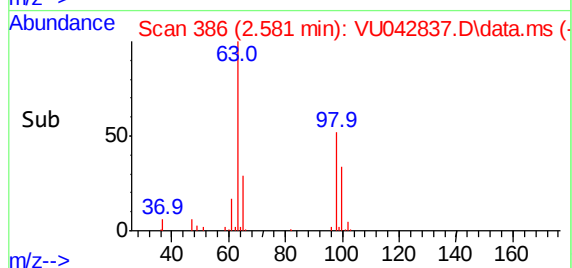
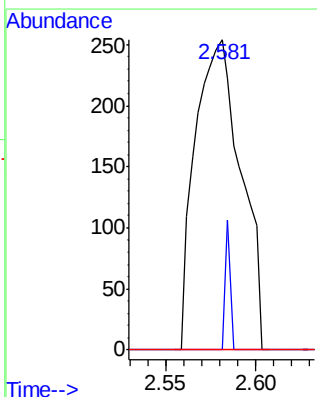
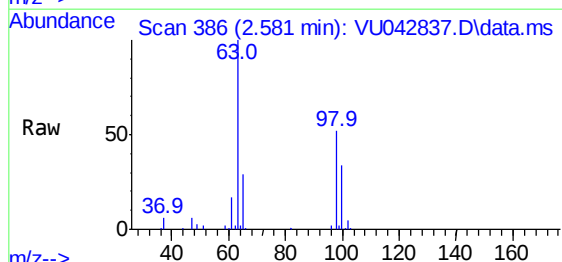
Instrument :
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ClientSampleId :
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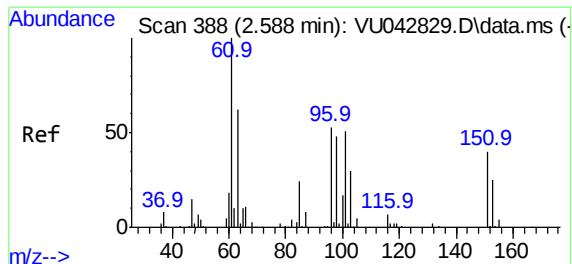
Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.08 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion:101 Resp: 445
Ion Ratio Lower Upper
101 100
85 4.5 34.6 51.8#
151 0.0 62.7 94.1#

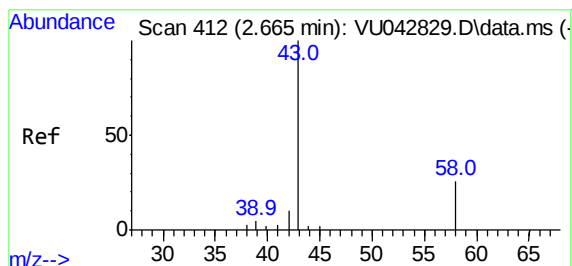
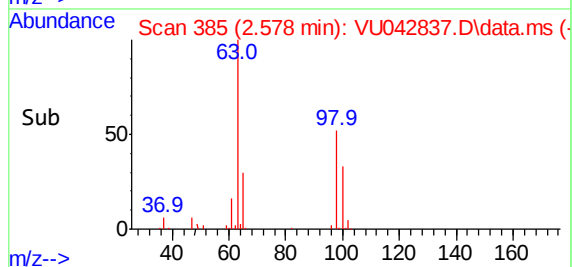
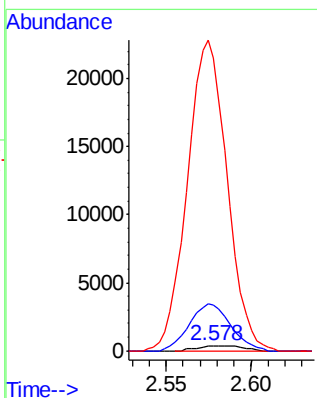
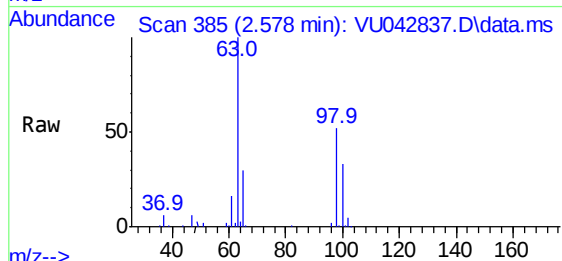




#12
1,1-Dichloroethene
Concen: 0.13 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

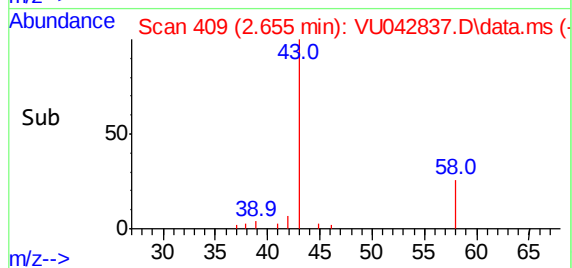
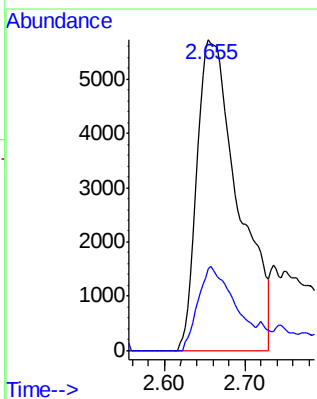
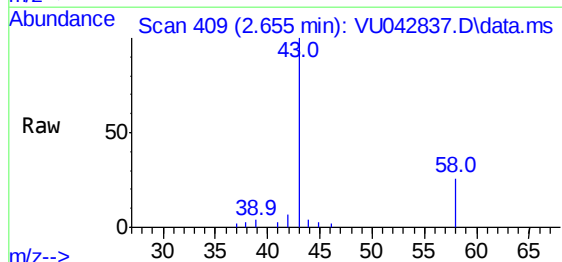
Instrument :
MSVOA_U
ClientSampled :
YAR15

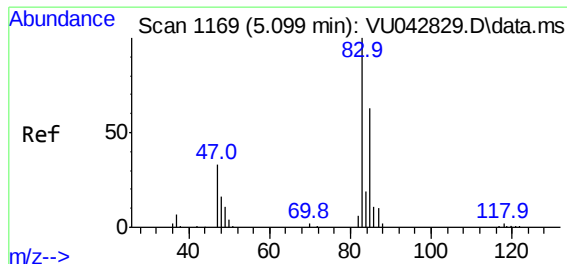
Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 950.6 126.2 234.4#
63 5997.8 77.8 144.4#



#13
Acetone
Concen: 15.95 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion: 43 Resp: 20039
Ion Ratio Lower Upper
43 100
58 23.9 0.0 55.8

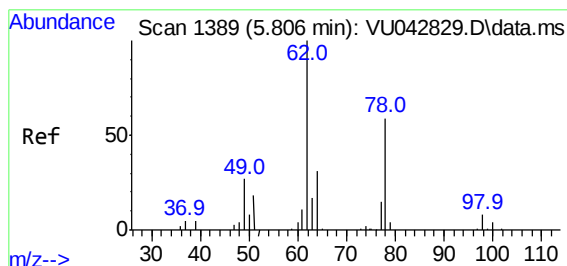
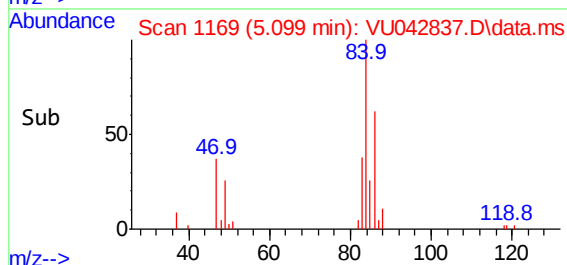
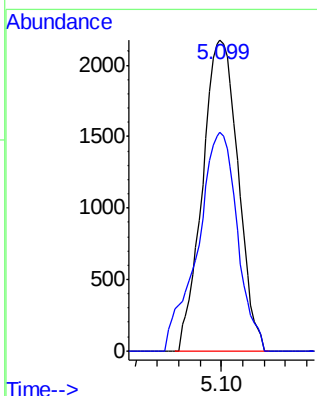
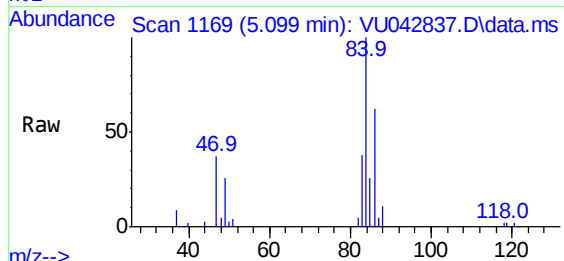




#25
Chloroform
Concen: 0.45 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

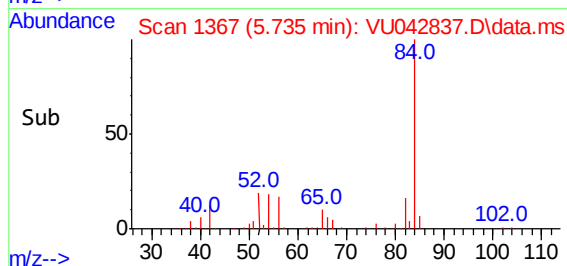
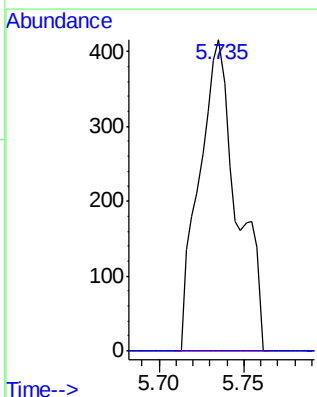
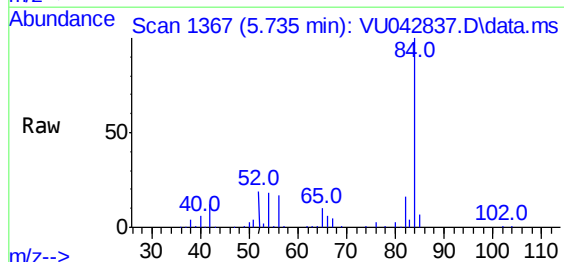
Instrument :
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ClientSampleId :
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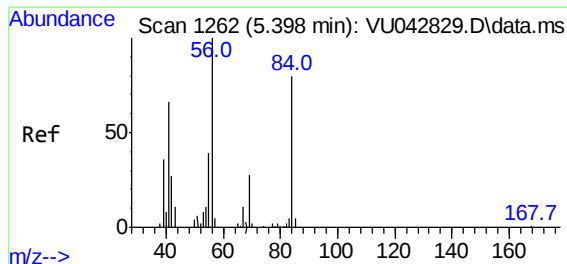
Tgt Ion: 83 Resp: 5019
Ion Ratio Lower Upper
83 100
85 70.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion: 62 Resp: 643
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

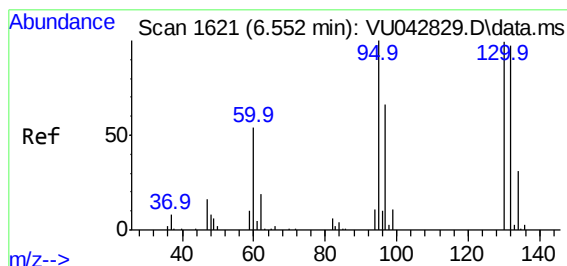
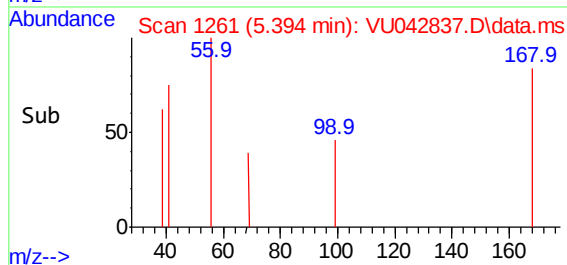
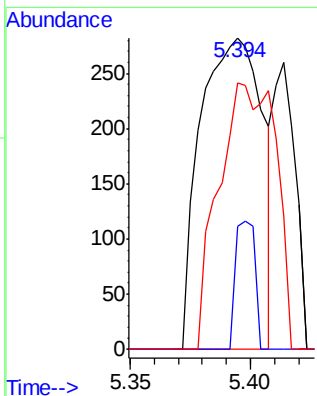
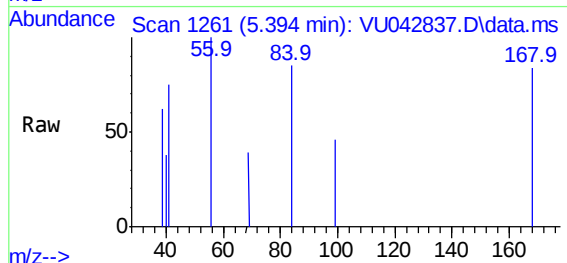




#30
Cyclohexane
Concen: 0.05 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

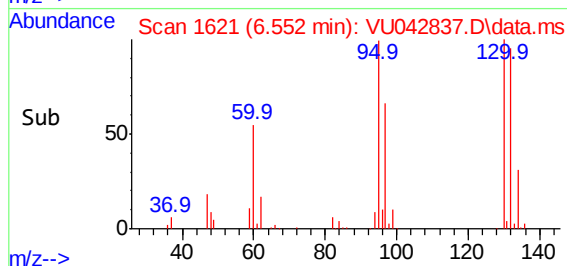
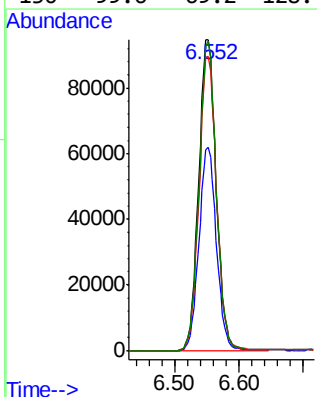
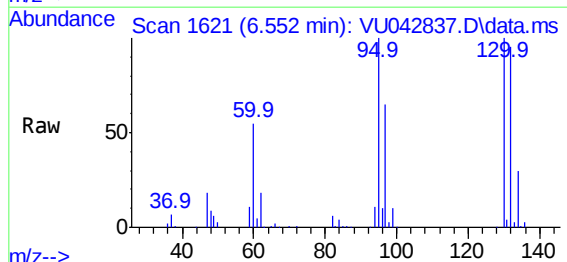
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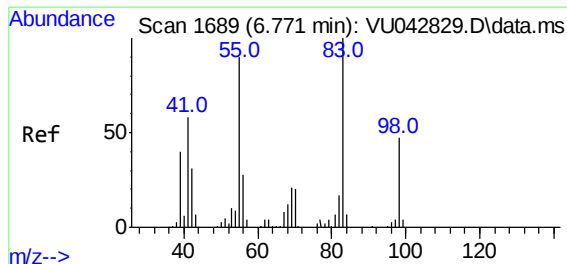
Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
69 13.1 23.7 35.5#
84 79.5 65.3 97.9



#34
Trichloroethene
Concen: 27.97 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion: 95 Resp: 180082
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 94.7 68.0 126.4
130 99.6 69.2 128.4

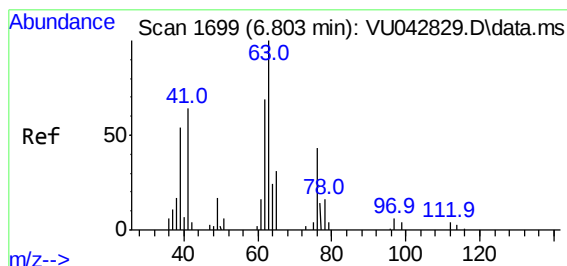
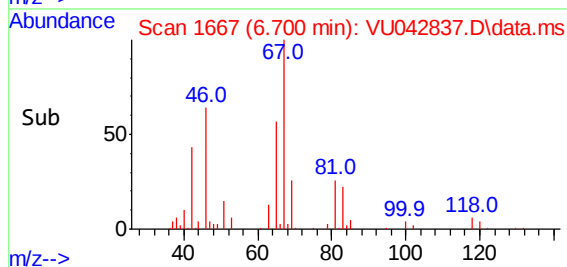
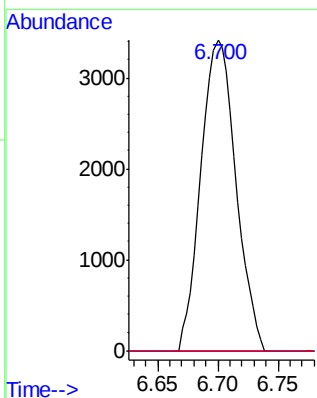
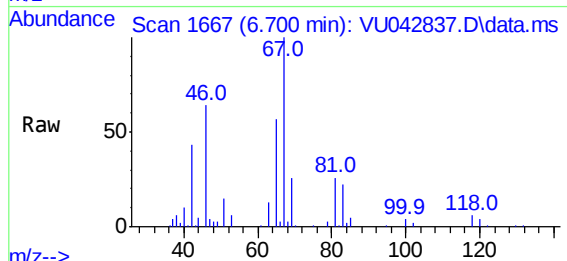




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

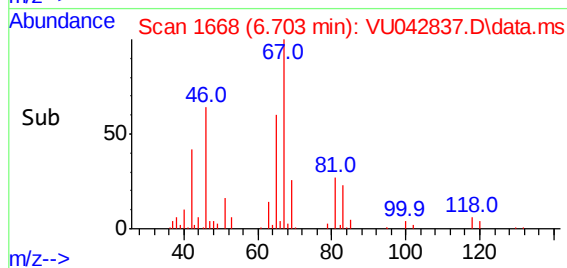
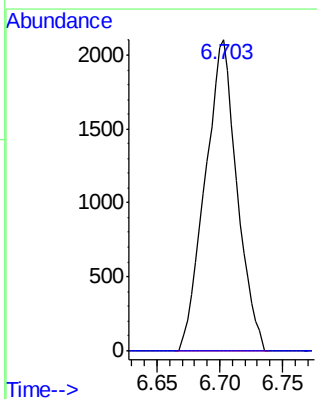
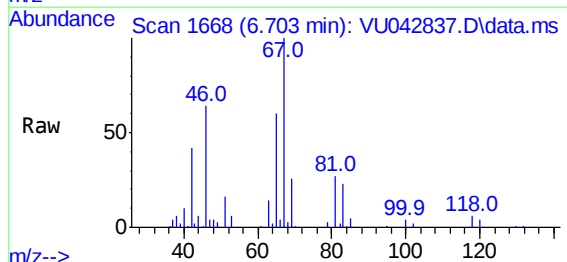
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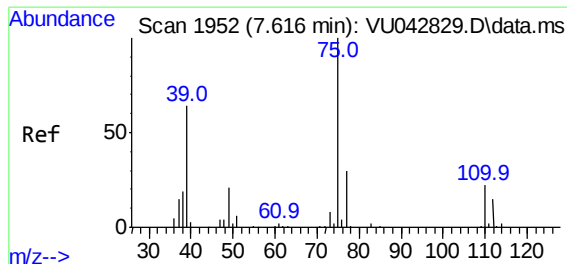
Tgt Ion: 83 Resp: 6763
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 4.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion: 63 Resp: 3702
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

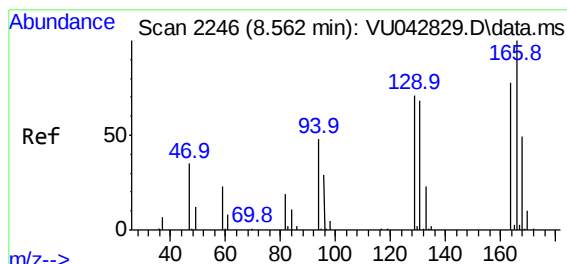
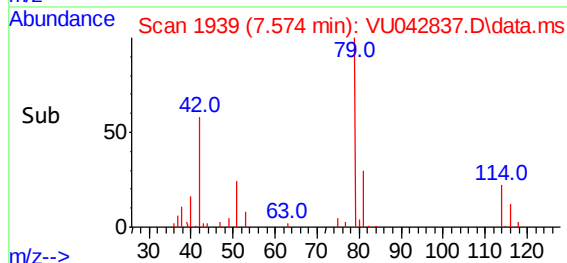
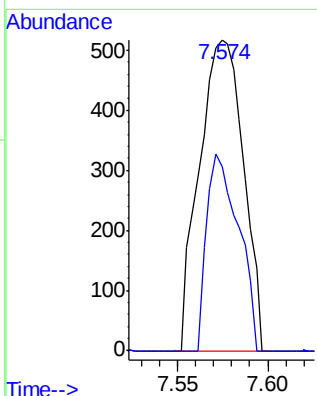
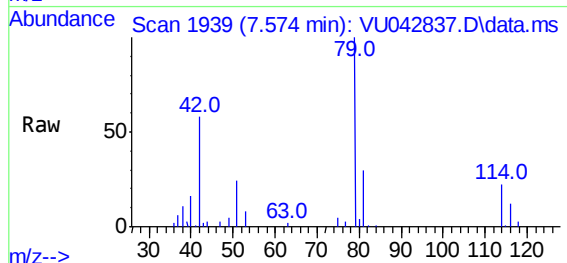




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

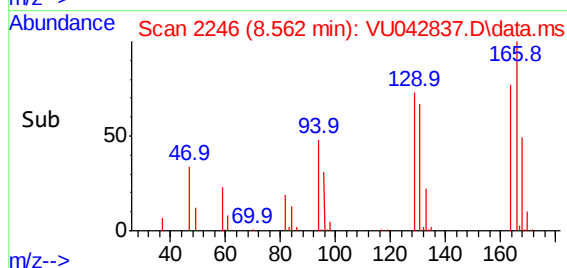
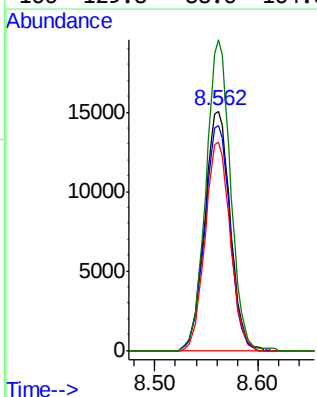
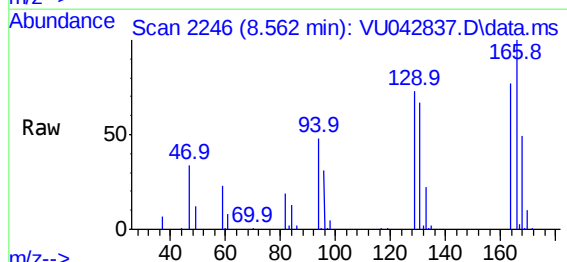
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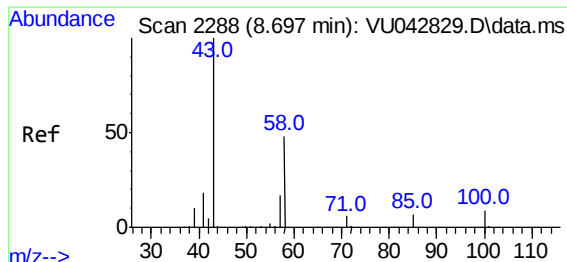
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 59.2 22.0 40.8#



#47
Tetrachloroethene
Concen: 4.92 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion:164 Resp: 25806
Ion Ratio Lower Upper
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129 94.2 64.3 119.5
131 86.9 62.2 115.6
166 129.8 88.6 164.6

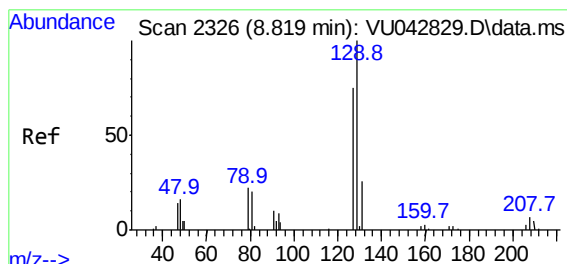
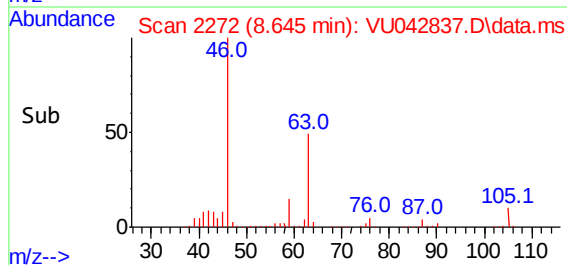
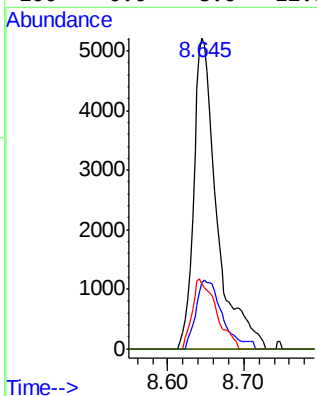
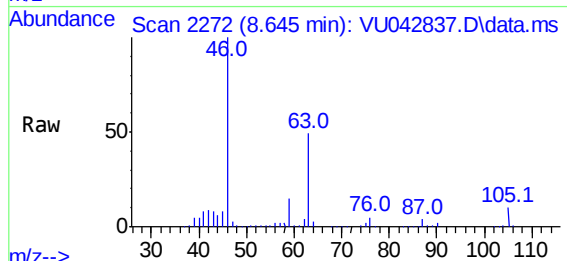




#48
2-Hexanone
Concen: 2.72 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

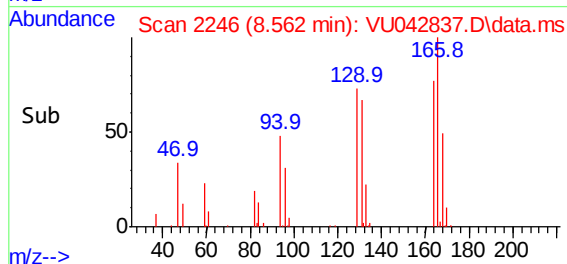
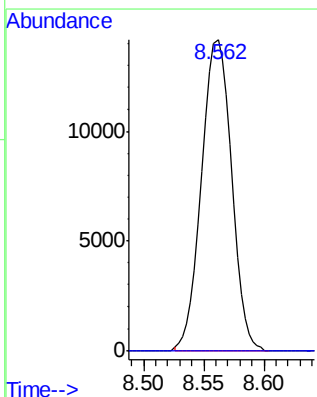
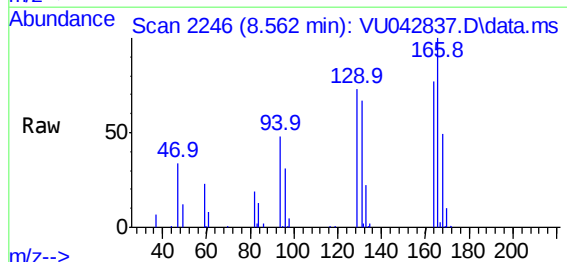
Instrument :
MSVOA_U
ClientSampleId :
YAR15

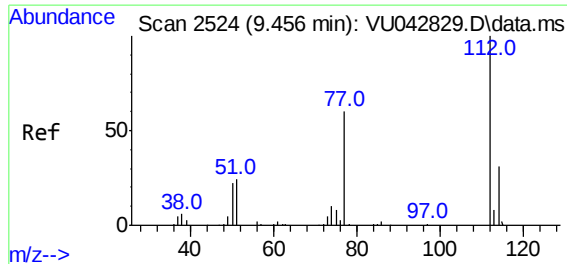
Tgt Ion:	43	Resp:	10968
Ion	Ratio	Lower	Upper
43	100		
58	25.4	40.6	61.0#
57	23.5	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 4.15 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion:	129	Resp:	23989
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#

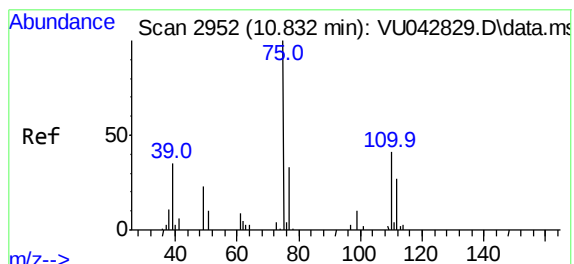
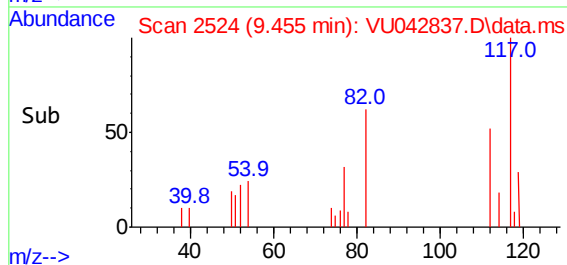
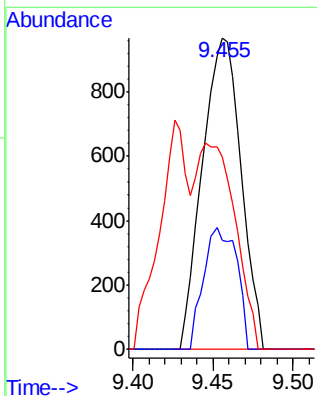
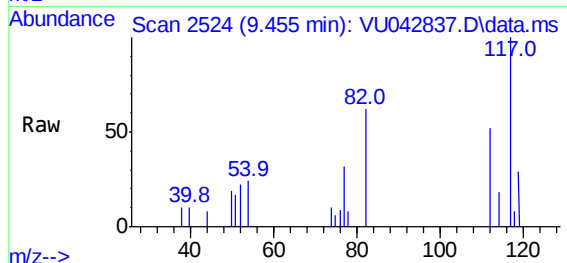




#51
Chlorobenzene
Concen: 0.10 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Instrument :
MSVOA_U
ClientSampled :
YAR15

Tgt Ion:112 Resp: 1592
Ion Ratio Lower Upper
112 100
114 34.9 22.0 41.0
77 61.7 49.8 74.6



#59
1,2,3-Trichloropropane
Concen: 0.94 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042837.D
Acq: 30 Mar 2021 14:02

Tgt Ion: 75 Resp: 4442
Ion Ratio Lower Upper
75 100
77 39.7 26.0 39.0#

