Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022512.D
Acq On : 02 Oct 2021 15:43
Operator : SY/MD
Sample : M3996-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 04 02:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108823	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	104218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67474	100.255	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 200.500%#			
7) Chloroethane-d5	1.564	69	53522	101.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 202.340%#			
11) 1,1-Dichloroethene-d2	2.108	63	96373	72.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 145.240%#			
21) 2-Butanone-d5	3.889	46	72169	194.806	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 194.810%#			
24) Chloroform-d	4.371	84	8257	6.715	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery = 13.420%#			
26) 1,2-Dichloroethane-d4	5.034	65	72224	101.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 202.500%#			
32) Benzene-d6	5.050	84	236680	98.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 196.060%#			
36) 1,2-Dichloropropane-d6	6.072	67	73766	99.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 198.500%#			
41) Toluene-d8	7.316	98	212144	95.790	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 191.580%#			
43) trans-1,3-Dichloroprop...	7.622	79	31938	90.820	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 181.640%#			
47) 2-Hexanone-d5	8.091	63	38010	123.449	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.450%			
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount 50.000	Range 65 - 120		Recovery = 0.000%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	86418	109.541	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 219.080%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1650	1.525	ug/L	100
5) Vinyl chloride	1.310	62	882	0.860	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	1025	1.348	ug/L #	1
13) Acetone	2.178	43	10934	23.364	ug/L #	30
14) Carbon disulfide	2.294	76	4931	2.147	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	4450	1.727	ug/L #	85
25) Chloroform	4.375	83	108997	73.360	ug/L	99
34) Trichloroethene	5.915	95	19267	22.932	ug/L	98
35) Methylcyclohexane	6.072	83	18366	14.416	ug/L #	21
39) cis-1,3-Dichloropropene	6.985	75	2066	1.667	ug/L	87
42) Toluene	7.403	91	3816	1.126	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	1398	1.172	ug/L #	81
46) Tetrachloroethene	7.976	164	81186	115.424	ug/L	98
48) 2-Hexanone	8.095	43	6068	6.853	ug/L #	88
61) 1,2,3-Trichloropropane	11.249	75	5216	5.669	ug/L #	63

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

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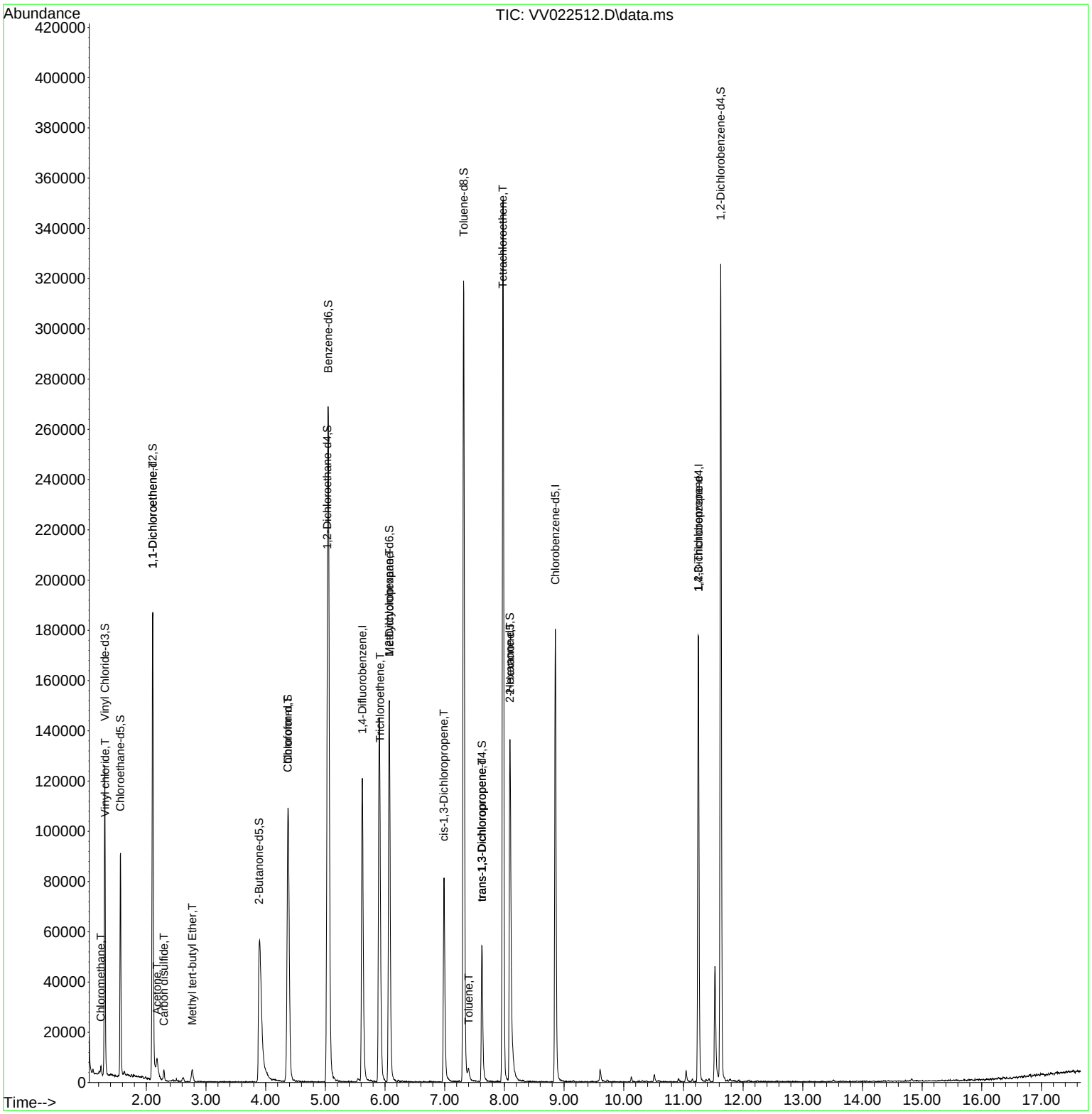

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MSVOA_V
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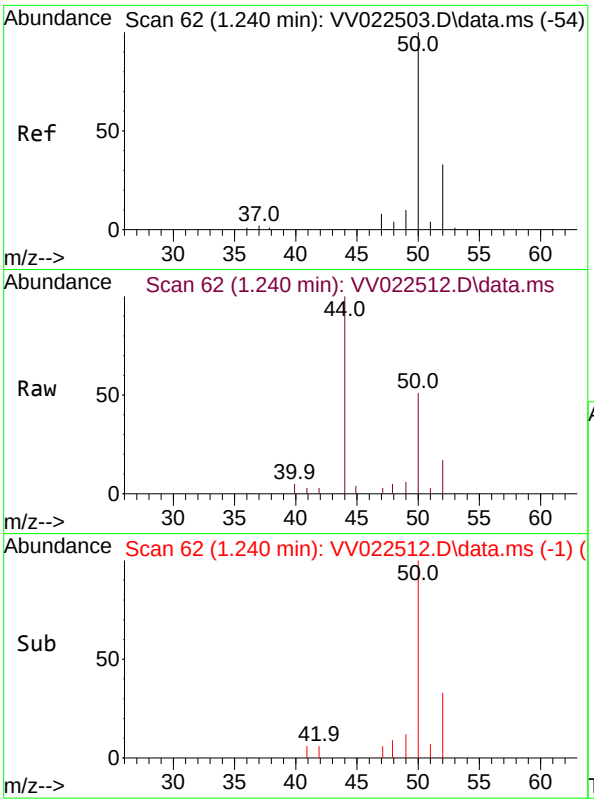
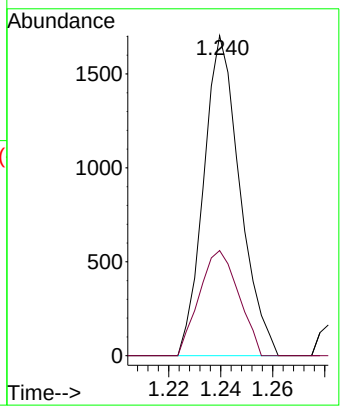
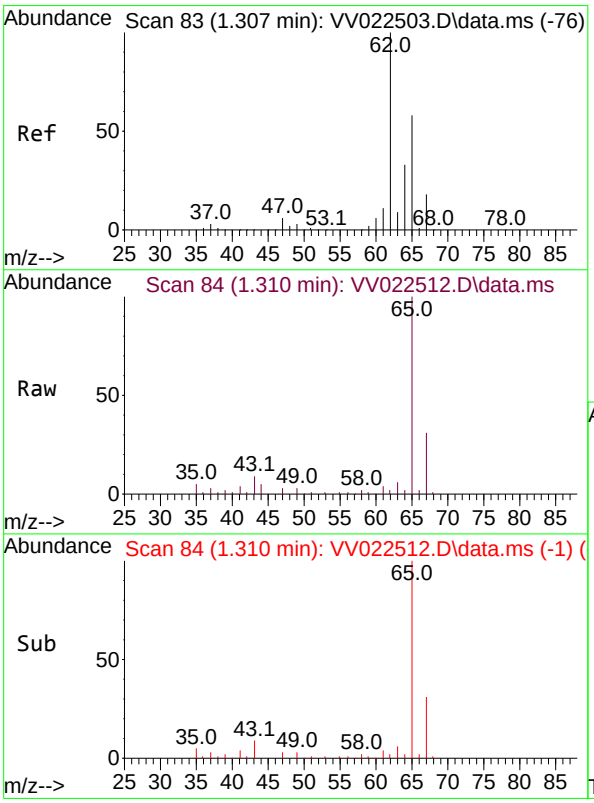


#3
Chloromethane
Concen: 1.525 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 50 Resp: 1650

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.0	42.8

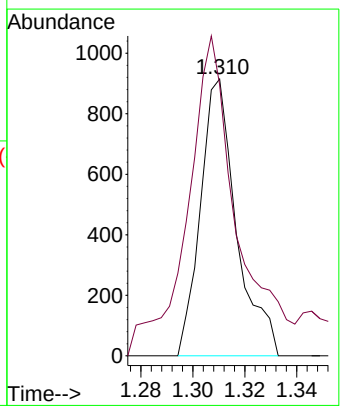


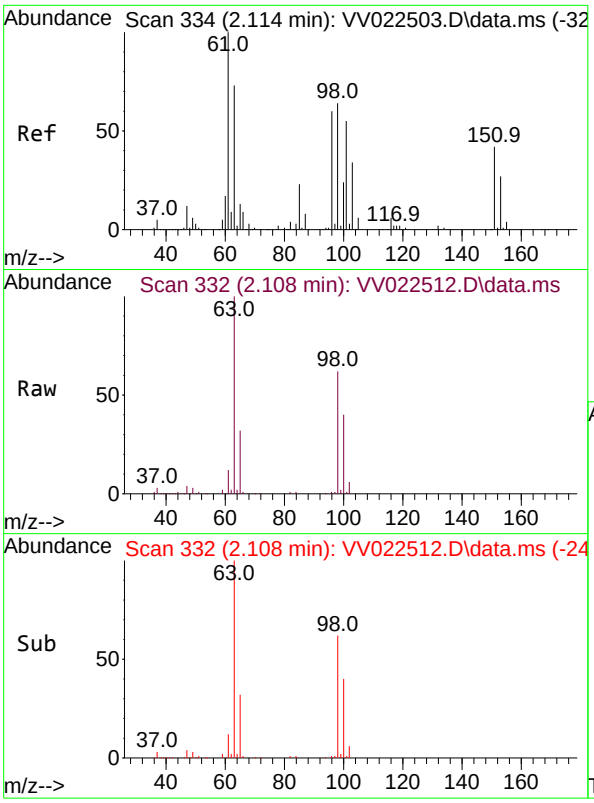


#5
Vinyl chloride
Concen: 0.860 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 62 Resp: 882

Ion	Ratio	Lower	Upper
62	100		
64	97.9	22.5	41.9#

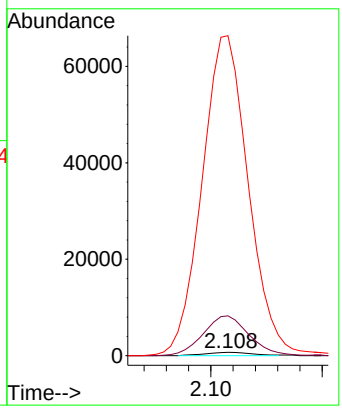




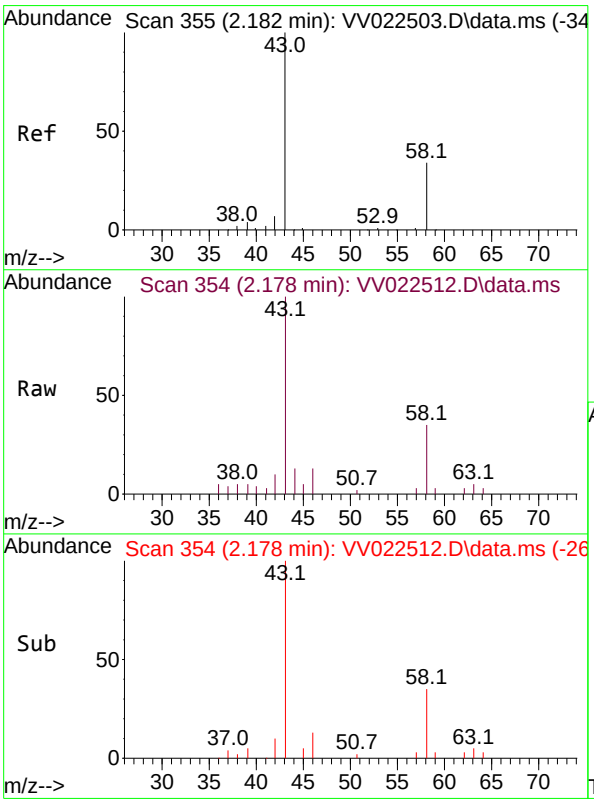
#12
1,1-Dichloroethene
Concen: 1.348 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 96 Resp: 1025

Ion	Ratio	Lower	Upper
96	100		
61	1195.2	118.0	219.2#
63	9604.6	86.4	160.4#



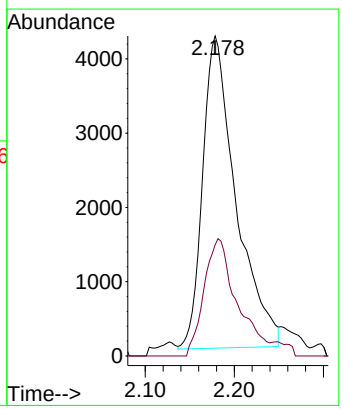
Instrument :
MSVOA_V
ClientSampleId :

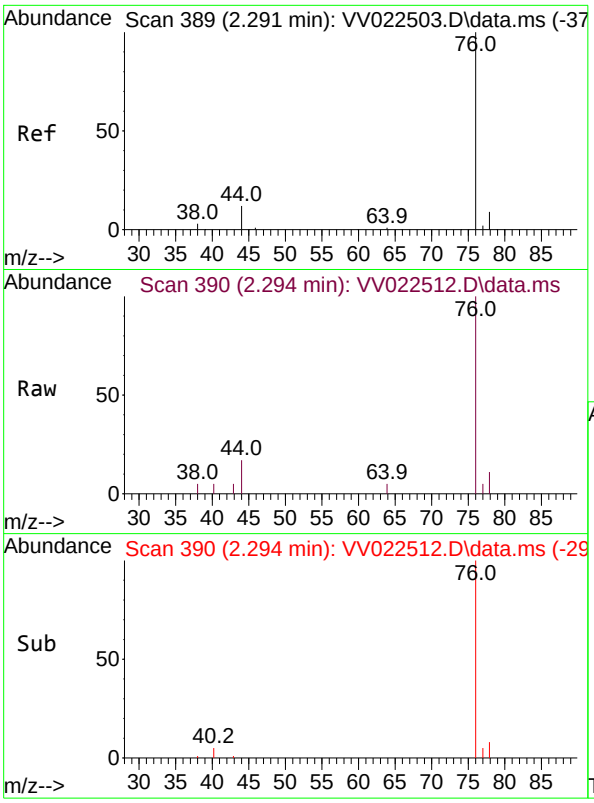


#13
Acetone
Concen: 23.364 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 43 Resp: 10934

Ion	Ratio	Lower	Upper
43	100		
58	37.1	0.0	21.2#

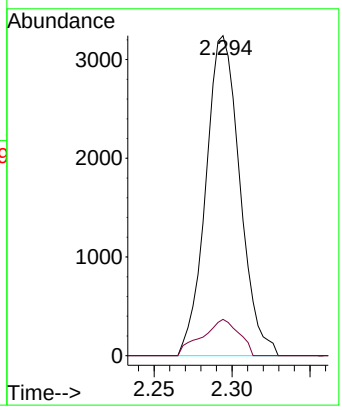




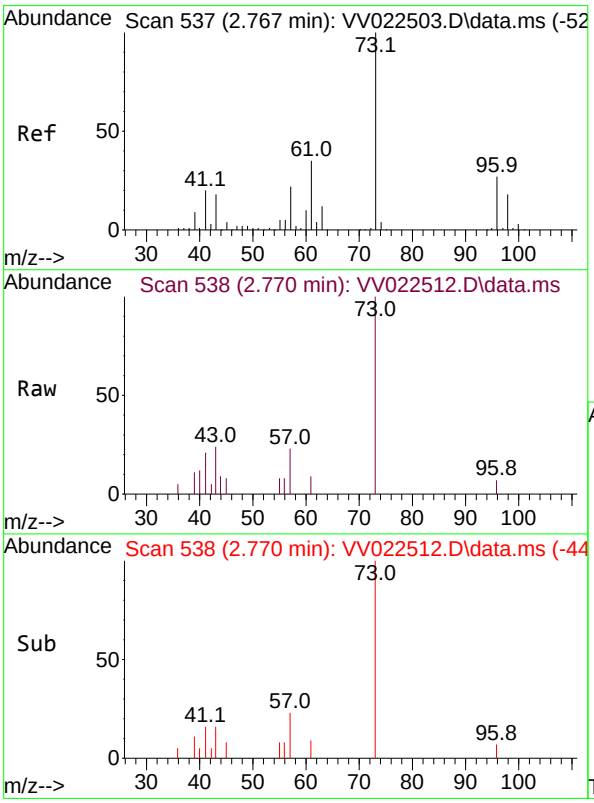
#14
Carbon disulfide
Concen: 2.147 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 76 Resp: 4931

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.6	11.4



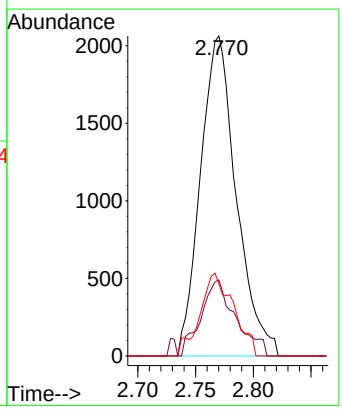
Instrument :
MSVOA_V
ClientSampleId :

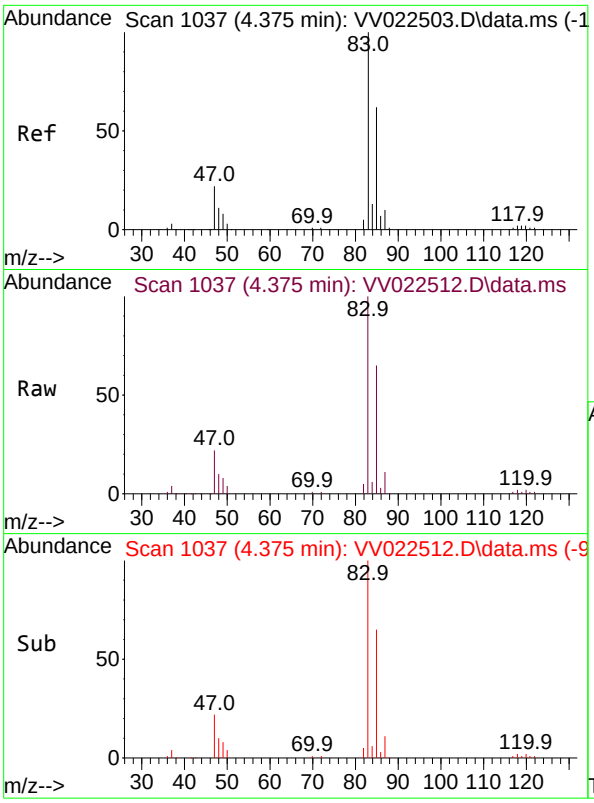


#18
Methyl tert-butyl Ether
Concen: 1.727 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 73 Resp: 4450

Ion	Ratio	Lower	Upper
73	100		
43	22.2	15.1	22.7
57	11.7	17.6	26.4#

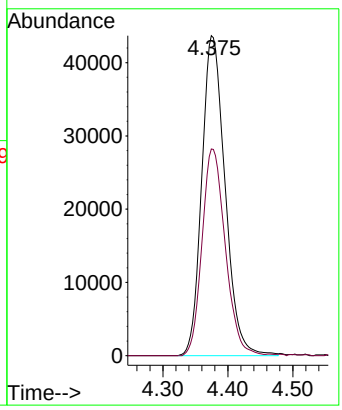




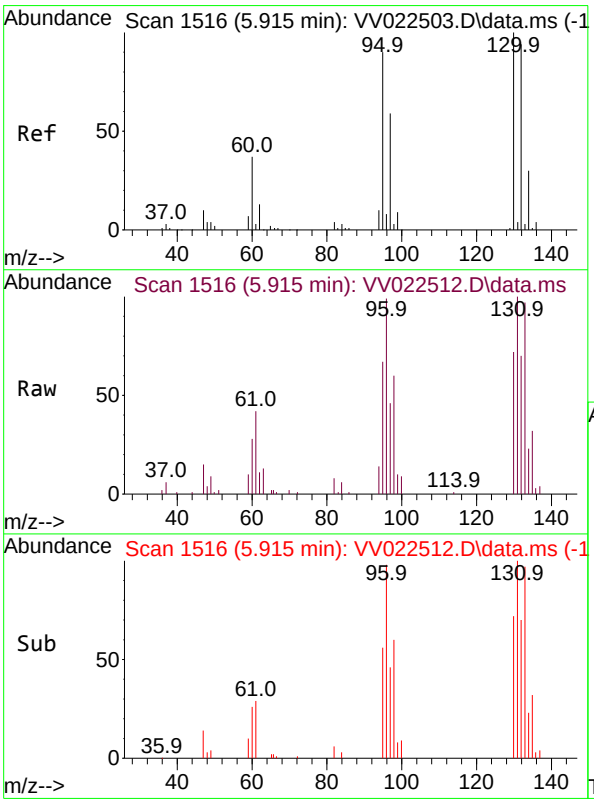
#25
Chloroform
Concen: 73.360 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 83 Resp: 108997

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.8	85.0



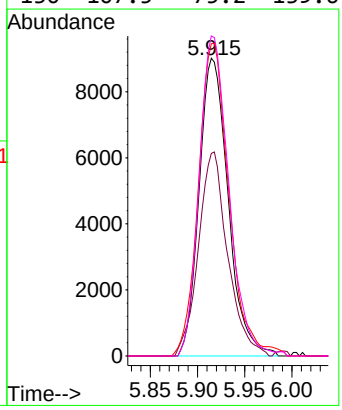
Instrument :
MSVOA_V
ClientSampleId :

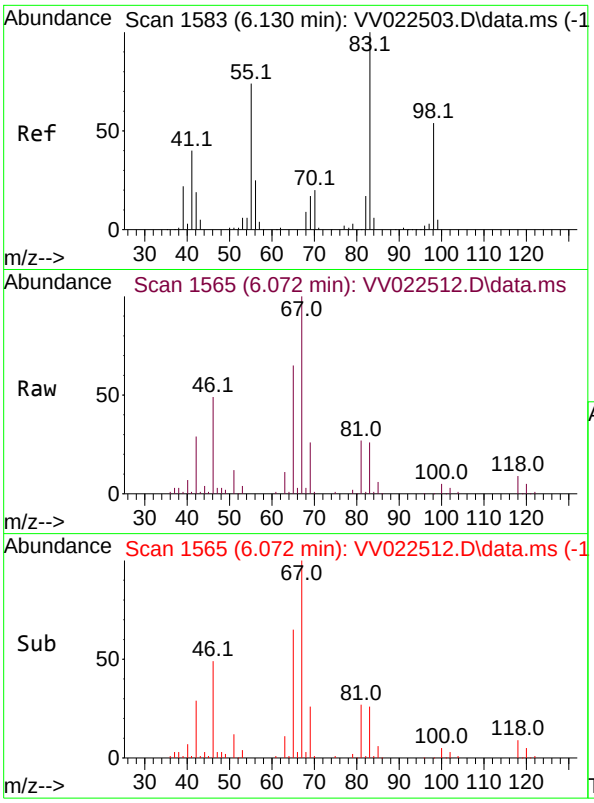


#34
Trichloroethene
Concen: 22.932 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 95 Resp: 19267

Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.4	84.4
132	104.8	71.5	132.9
130	107.5	75.2	139.6

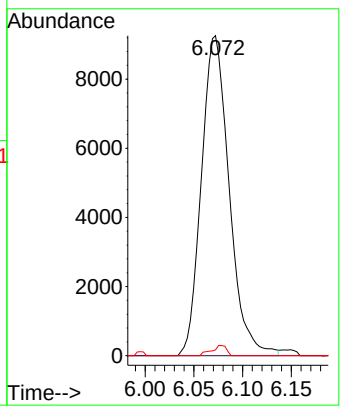




#35
Methylcyclohexane
Concen: 14.416 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 83 Resp: 18366

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.7	85.1#
98	1.7	40.6	60.8#



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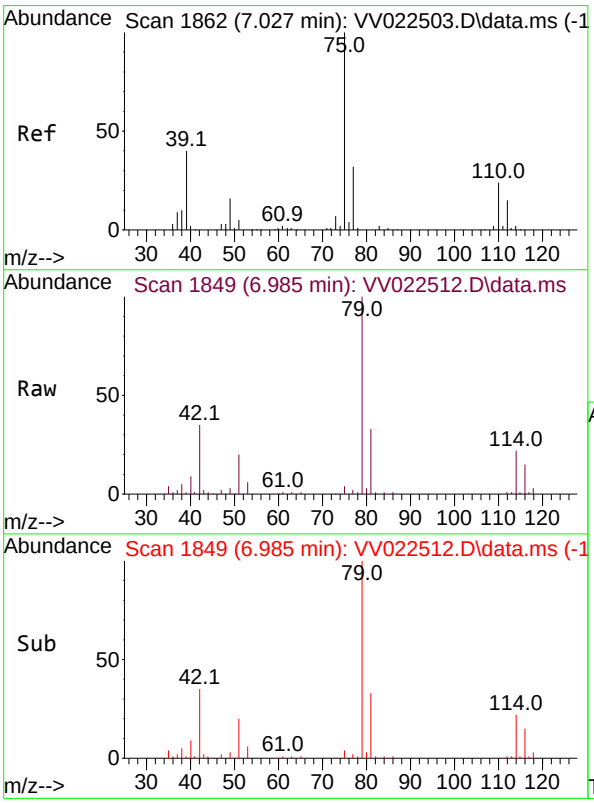
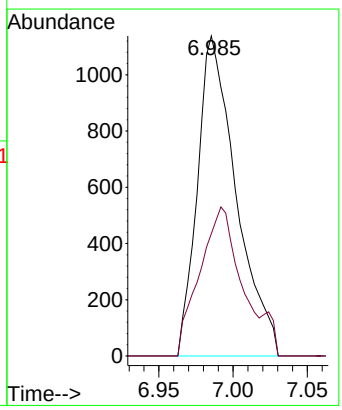
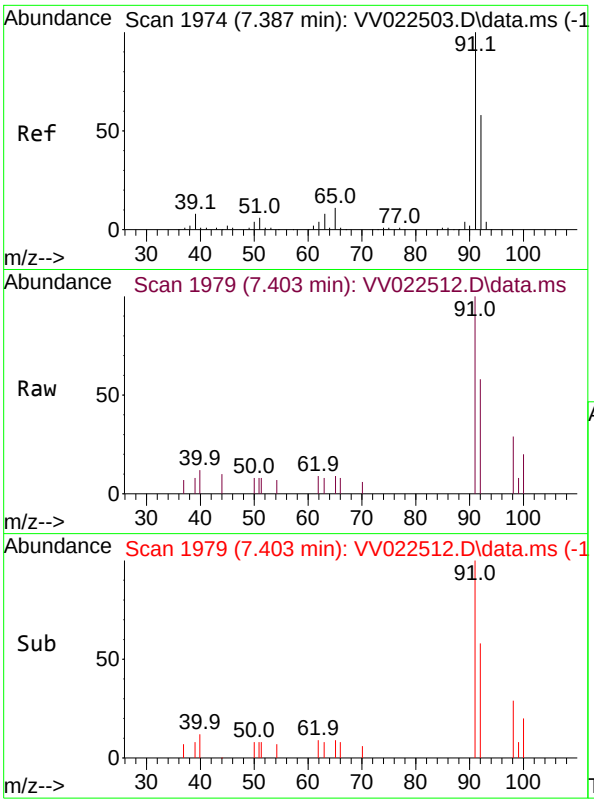


#39
cis-1,3-Dichloropropene
Concen: 1.667 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 75 Resp: 2066

Ion	Ratio	Lower	Upper
75	100		
77	38.2	21.6	40.2

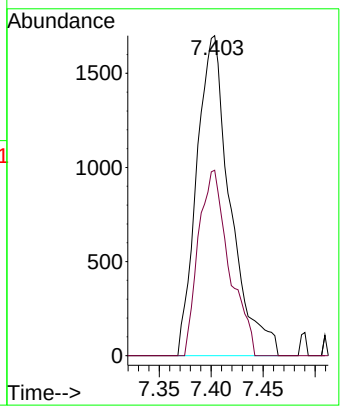




#42
Toluene
Concen: 1.126 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 91 Resp: 3816

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.6	75.4



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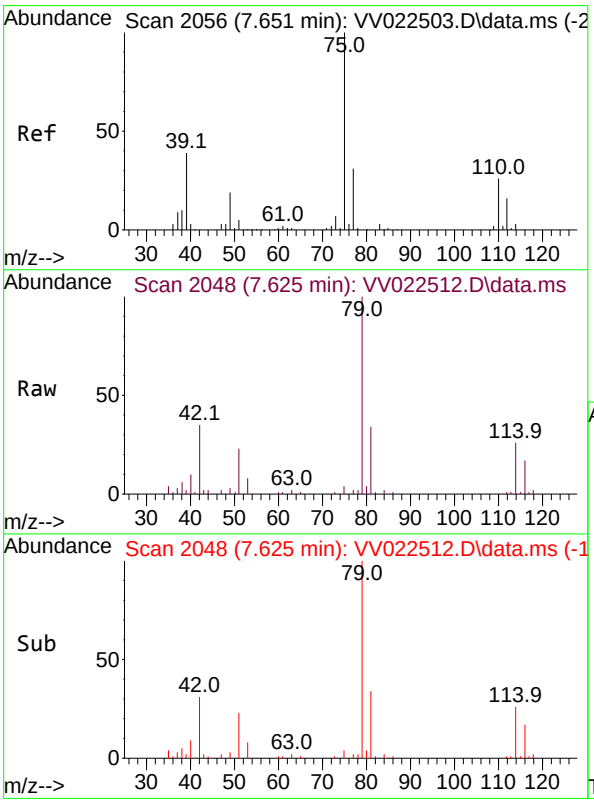
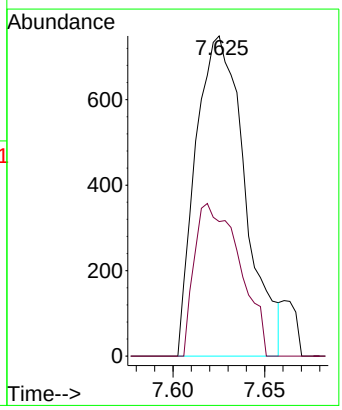
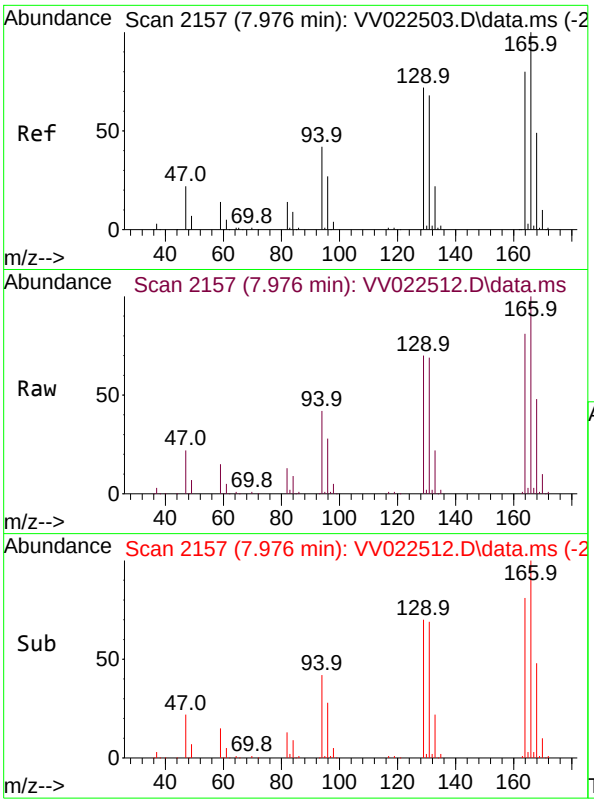


#44
trans-1,3-Dichloropropene
Concen: 1.172 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 75 Resp: 1398

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.0	40.8#

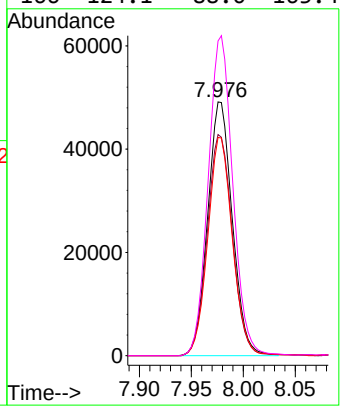




#46
Tetrachloroethene
Concen: 115.424 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion:164 Resp: 81186

Ion	Ratio	Lower	Upper
164	100		
129	87.2	64.6	120.0
131	86.0	59.9	111.3
166	124.1	88.0	163.4



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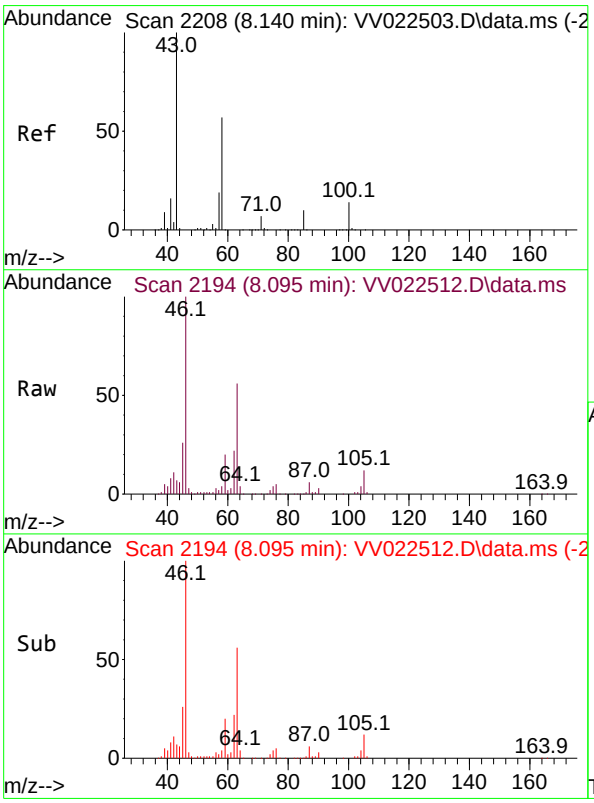
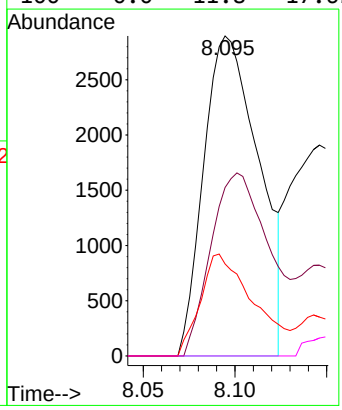
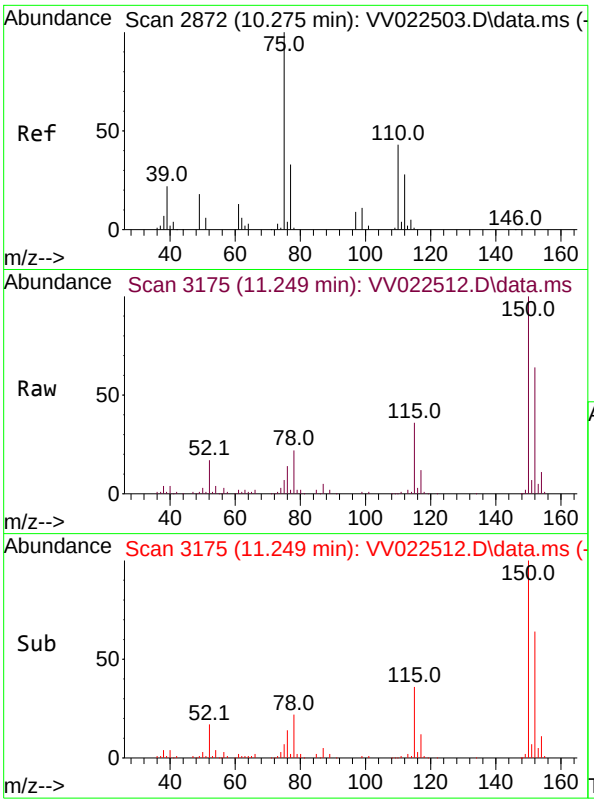


#48
2-Hexanone
Concen: 6.853 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 43 Resp: 6068

Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.0	70.4
57	30.8	15.8	23.6#
100	0.0	11.8	17.6#

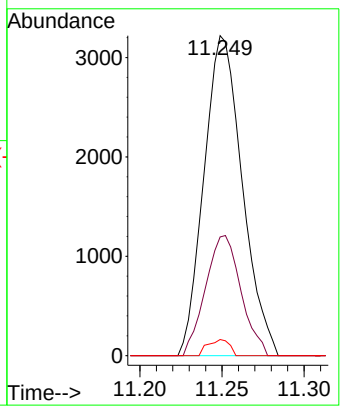




#61
1,2,3-Trichloropropane
Concen: 5.669 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 75 Resp: 5216

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.0	39.0
110	2.8	34.3	51.5#



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MSVOA_V
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