

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022468.D
 Acq On : 01 Oct 2021 06:05
 Operator : SY/MD
 Sample : M3997-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A53

Quant Time: Oct 01 06:29:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

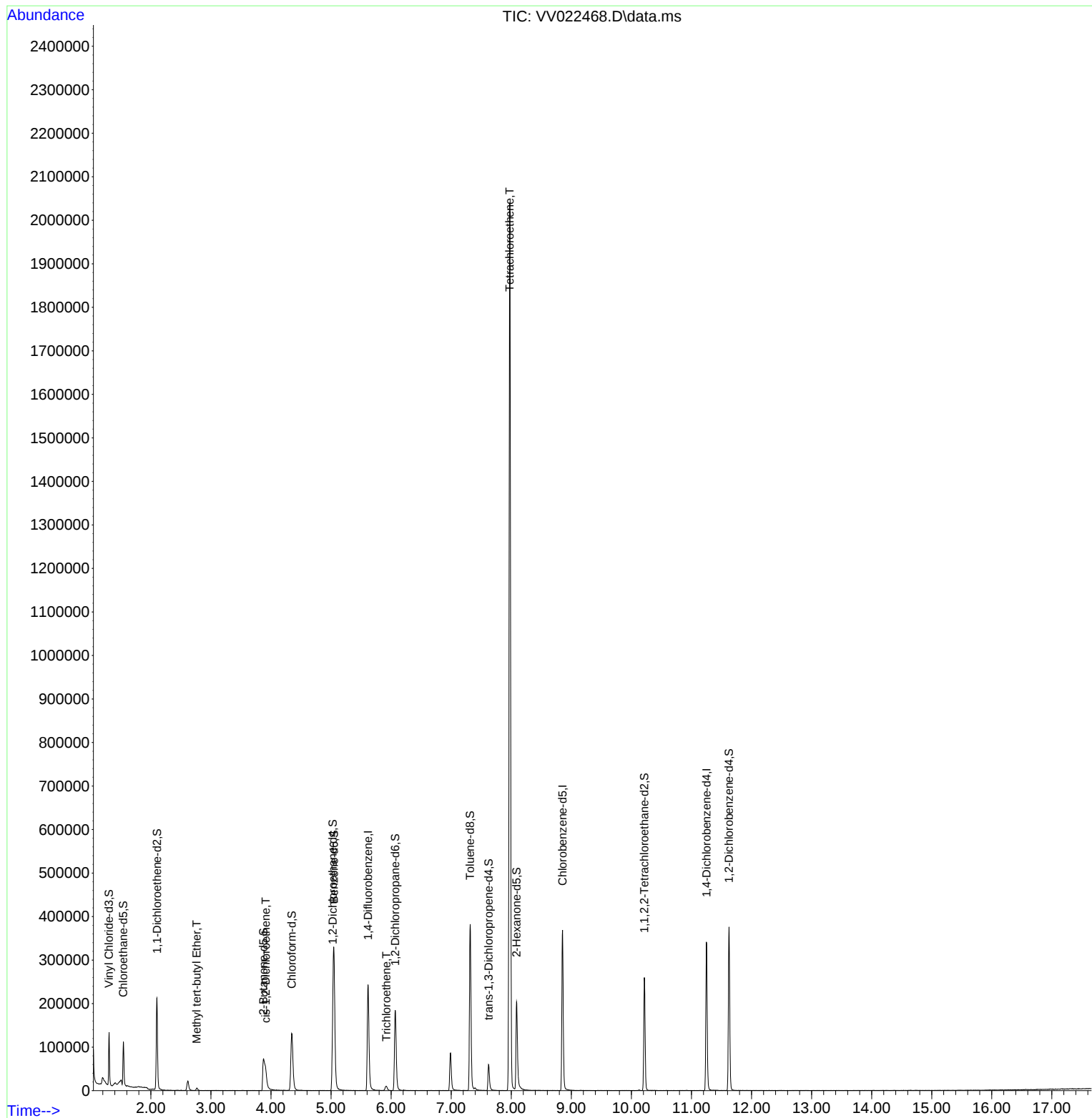
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215632	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211959	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93294	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76463	41.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.56%		
7) Chloroethane-d5	1.542	69	65883	45.52	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.04%		
11) 1,1-Dichloroethene-d2	2.101	63	107664	33.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.68%		
21) 2-Butanone-d5	3.873	46	106270	82.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.29%		
24) Chloroform-d	4.346	84	139028	42.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.14%		
26) 1,2-Dichloroethane-d4	5.031	65	84786	41.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.68%		
32) Benzene-d6	5.047	84	289728	43.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.90%		
36) 1,2-Dichloropropane-d6	6.069	67	90418	42.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.78%		
41) Toluene-d8	7.317	98	253420	41.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.04%		
43) trans-1,3-Dichloroprop...	7.622	79	35732	36.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.36%		
47) 2-Hexanone-d5	8.088	63	70788	81.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.67%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	122951	39.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.40%		
66) 1,2-Dichlorobenzene-d4	11.625	152	99873	48.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.28%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.764	73	4569	0.94	ug/L #	85
20) cis-1,2-Dichloroethene	3.912	96	17328	9.95	ug/L	98
34) Trichloroethene	5.921	95	2311	1.39	ug/L #	87
46) Tetrachloroethene	7.976	164	467855	341.58	ug/L	98

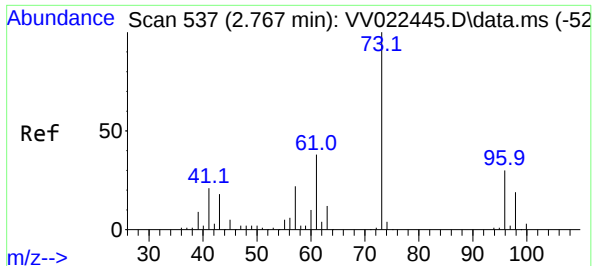
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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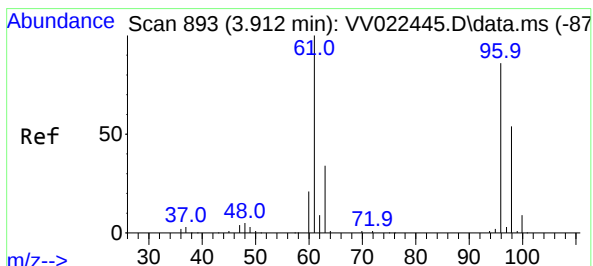
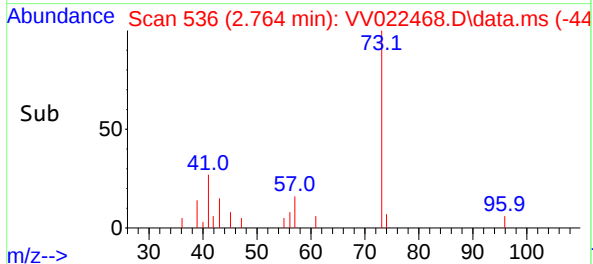
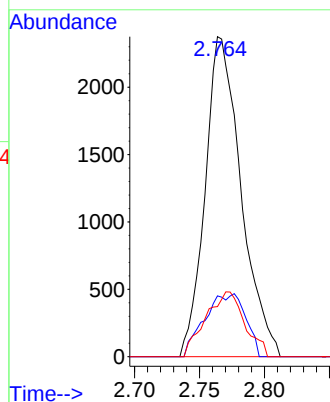
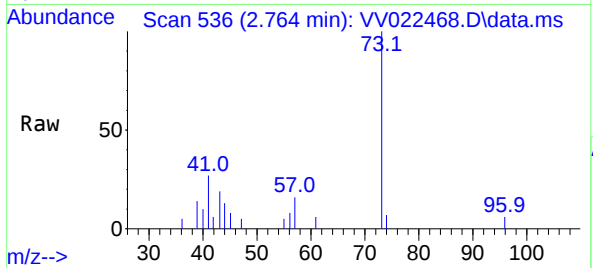


#18
Methyl tert-butyl Ether
Concen: 0.94 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 73 Resp: 4569

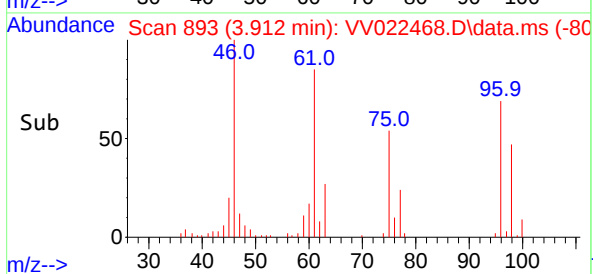
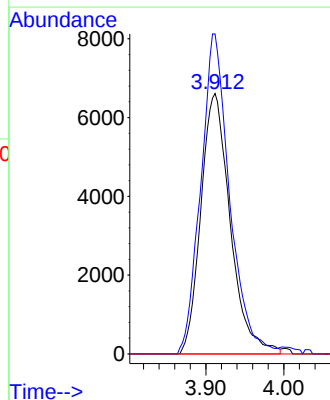
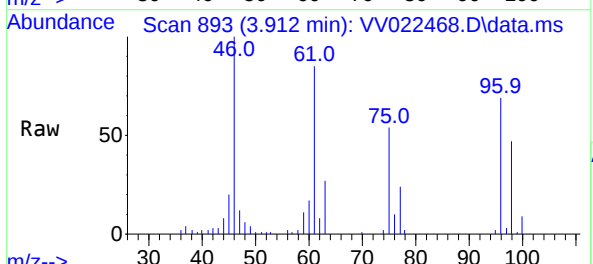
Ion	Ratio	Lower	Upper
73	100		
43	12.7	14.6	21.8#
57	13.5	17.6	26.4#

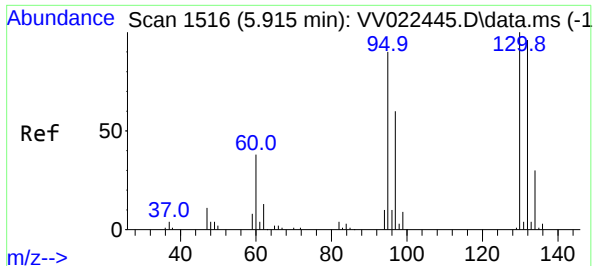


#20
cis-1,2-Dichloroethene
Concen: 9.95 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022468.D
Acq: 01 Oct 2021 06:05

Tgt Ion: 96 Resp: 17328

Ion	Ratio	Lower	Upper
96	100		
61	122.8	84.6	157.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 1.39 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

Tgt Ion: 95 Resp: 2311

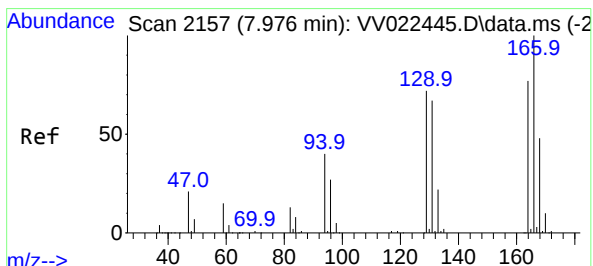
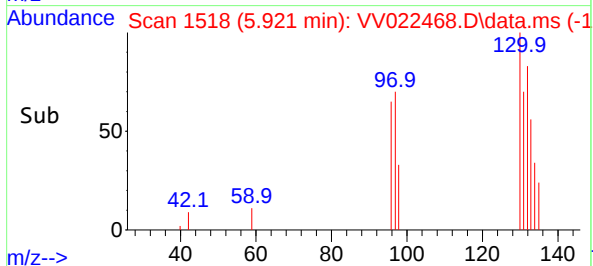
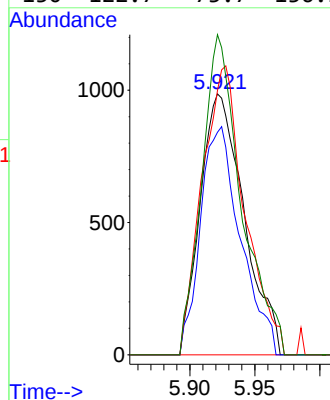
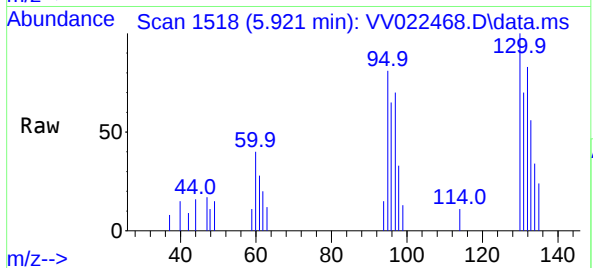
Ion Ratio Lower Upper

95 100

97 85.3 45.2 84.0#

132 101.3 71.0 131.8

130 122.7 73.7 136.9



#46

Tetrachloroethene

Concen: 341.58 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022468.D

Acq: 01 Oct 2021 06:05

Tgt Ion: 164 Resp: 467855

Ion Ratio Lower Upper

164 100

129 92.8 66.4 123.4

131 89.1 63.6 118.0

166 128.8 91.6 170.0

