

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071521\
 Data File : VW021665.D
 Acq On : 15 Jul 2021 12:21
 Operator : SY/MD
 Sample : M3033-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7M5

Quant Time: Jul 16 01:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 16 01:06:31 2021
 Response via : Initial Calibration

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

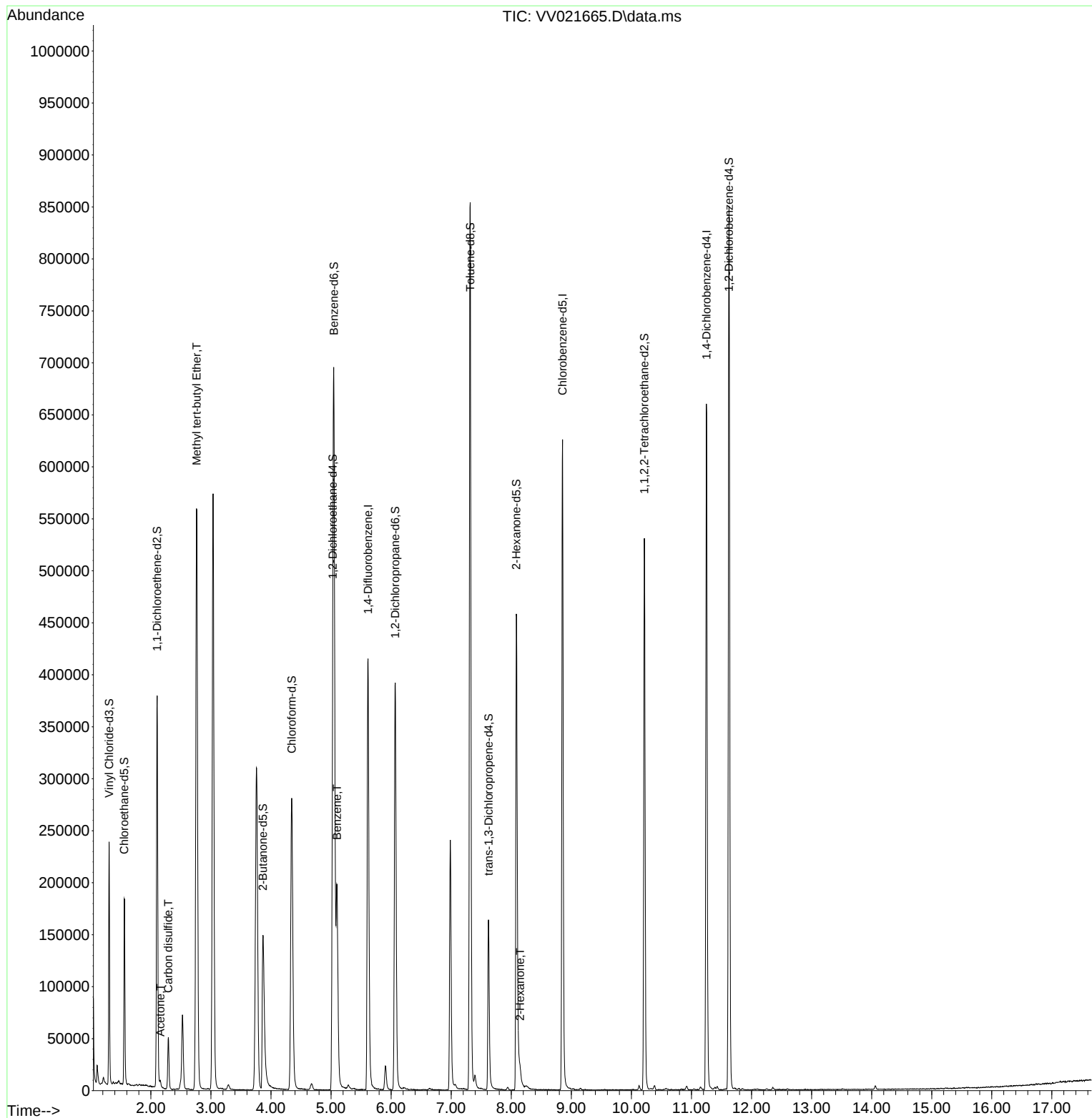
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	379915	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	356648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	180451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136399	56.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.500%			
7) Chloroethane-d5	1.558	69	115375	58.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.460%			
11) 1,1-Dichloroethene-d2	2.105	63	192164	43.695	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.380%			
21) 2-Butanone-d5	3.867	46	246163	119.910	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.910%			
24) Chloroform-d	4.346	84	299497	59.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.140%			
26) 1,2-Dichloroethane-d4	5.027	65	188249	63.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.080%#			
32) Benzene-d6	5.047	84	620262	61.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.880%			
36) 1,2-Dichloropropane-d6	6.069	67	199622	63.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.400%#			
41) Toluene-d8	7.317	98	572592	61.828	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.660%#			
43) trans-1,3-Dichloroprop...	7.622	79	95755	60.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 121.900%			
47) 2-Hexanone-d5	8.085	63	163857	111.844	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.840%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	260888	61.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 122.620%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	229594	63.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.640%#			
Target Compounds						Qvalue
13) Acetone	2.159	43	4794	2.825	ug/L #	100
14) Carbon disulfide	2.291	76	57048	7.458	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	459410	53.587	ug/L #	75
33) Benzene	5.098	78	205461	18.930	ug/L	100
48) 2-Hexanone	8.146	43	11026	3.368	ug/L #	77

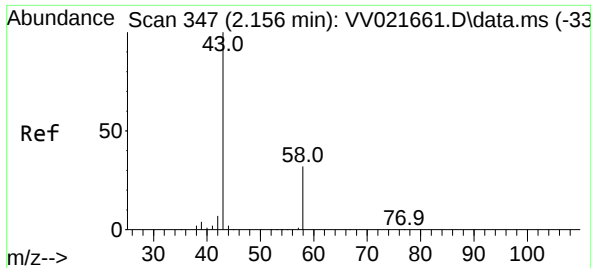
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.825 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV021665.D

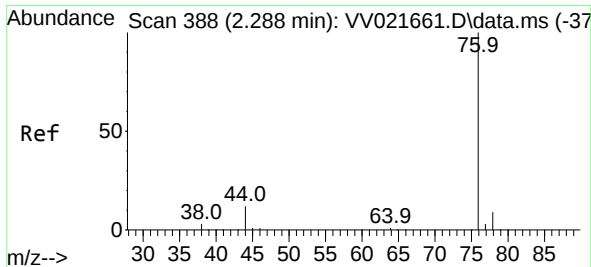
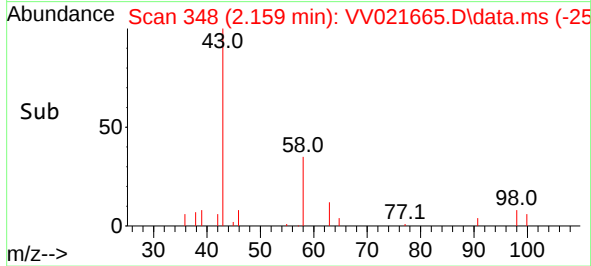
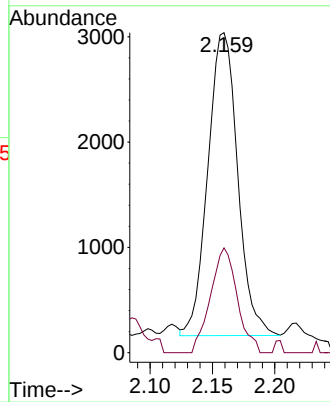
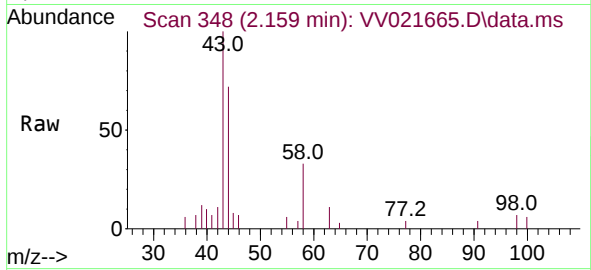
Acq: 15 Jul 2021 12:21

Tgt Ion: 43 Resp: 4794

Ion Ratio Lower Upper

43 100

58 30.9 0.0 0.0#



#14

Carbon disulfide

Concen: 7.458 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV021665.D

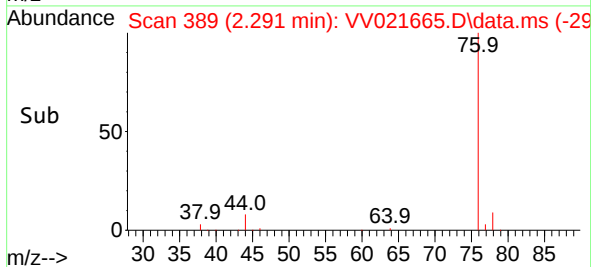
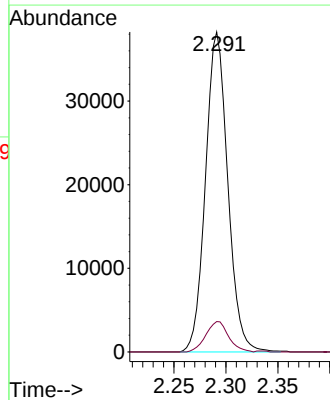
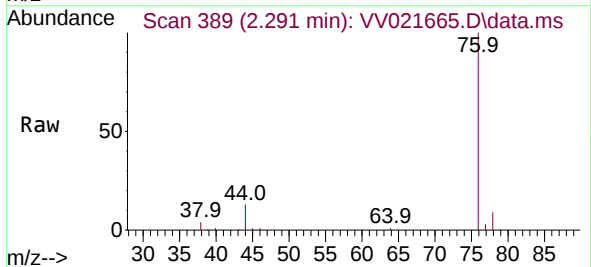
Acq: 15 Jul 2021 12:21

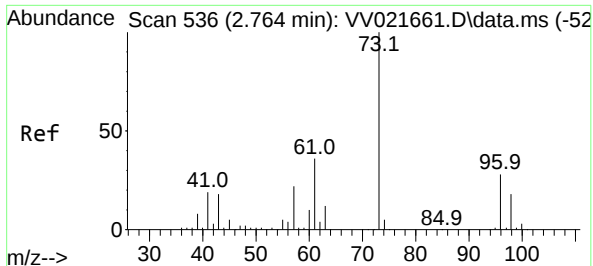
Tgt Ion: 76 Resp: 57048

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



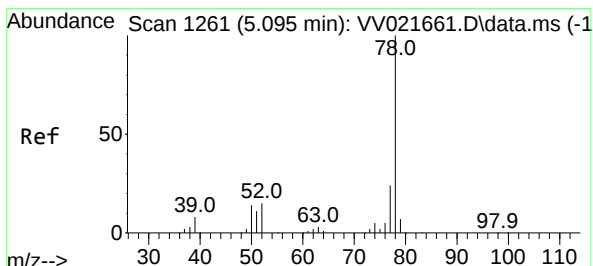
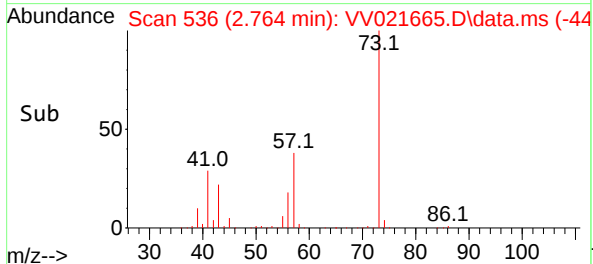
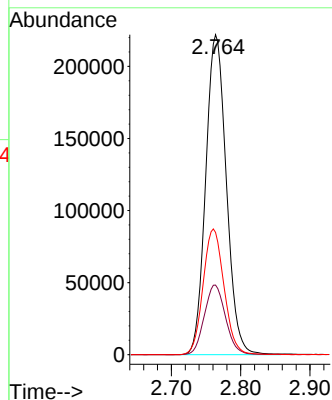
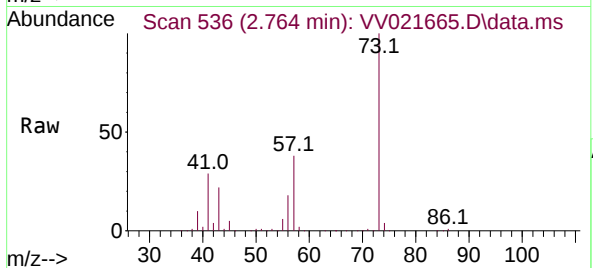


#18

Methyl tert-butyl Ether
 Concen: 53.587 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.000 min
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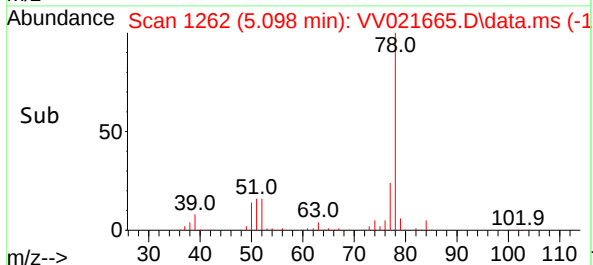
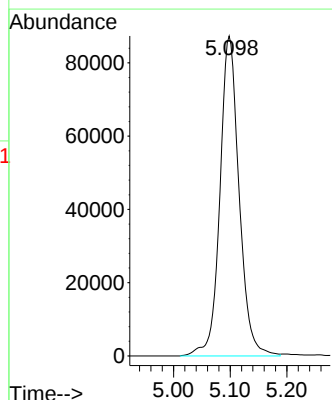
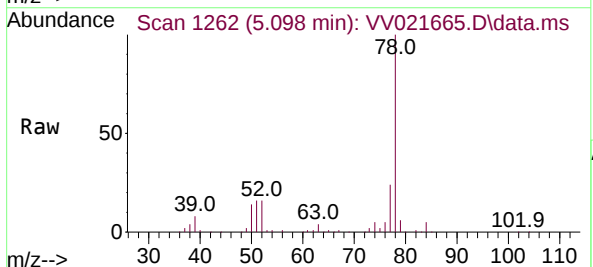
Tgt Ion: 73 Resp: 459410
 Ion Ratio Lower Upper
 73 100
 43 22.2 14.6 22.0#
 57 40.0 17.4 26.2#

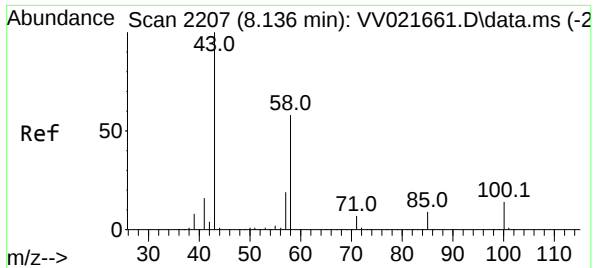


#33

Benzene
 Concen: 18.930 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.003 min
 Lab File: VV021665.D
 Acq: 15 Jul 2021 12:21

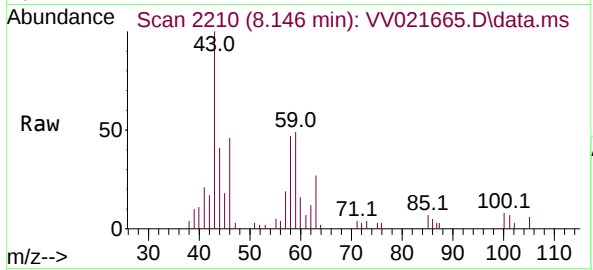
Tgt Ion: 78 Resp: 205461





#48
2-Hexanone
Concen: 3.368 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.010 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Instrument :
MSVOA_V
ClientSampleId :
BG7M5



Tgt Ion: 43	Resp: 11026
Ion Ratio	Lower Upper
43	100
58	38.9 46.7 70.1#
57	12.1 15.5 23.3#
100	6.7 11.0 16.4#

