

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
 Data File : VV027268.D
 Acq On : 10 Aug 2022 19:35
 Operator : SY/MD
 Sample : N4114-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D46

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/14/2022

Quant Time: Aug 11 03:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	328729	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	344992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	144048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	111046	49.547	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.100%		
7) Chloroethane-d5	1.561	69	96821	59.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	118.180%		
11) 1,1-Dichloroethene-d2	2.101	63	157355m	38.384	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.760%		
21) 2-Butanone-d5	3.870	46	225720	113.146	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.150%		
24) Chloroform-d	4.343	84	231884	50.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
26) 1,2-Dichloroethane-d4	5.027	65	165107	57.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.860%		
32) Benzene-d6	5.043	84	475044	57.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.840%		
36) 1,2-Dichloropropane-d6	6.066	67	169441	57.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	115.160%		
41) Toluene-d8	7.313	98	391925	55.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.160%		
43) trans-1,3-Dichloroprop...	7.619	79	66990	52.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.440%		
47) 2-Hexanone-d5	8.085	63	150124	105.914	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.910%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	244865	51.058	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.120%		
66) 1,2-Dichlorobenzene-d4	11.622	152	152645	61.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.720%#		
Target Compounds						
5) Vinyl chloride	1.307	62	72850	21.890	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	4106	1.629	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	7081	0.945	ug/L #	95
20) cis-1,2-Dichloroethene	3.905	96	228211	87.155	ug/L	86

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

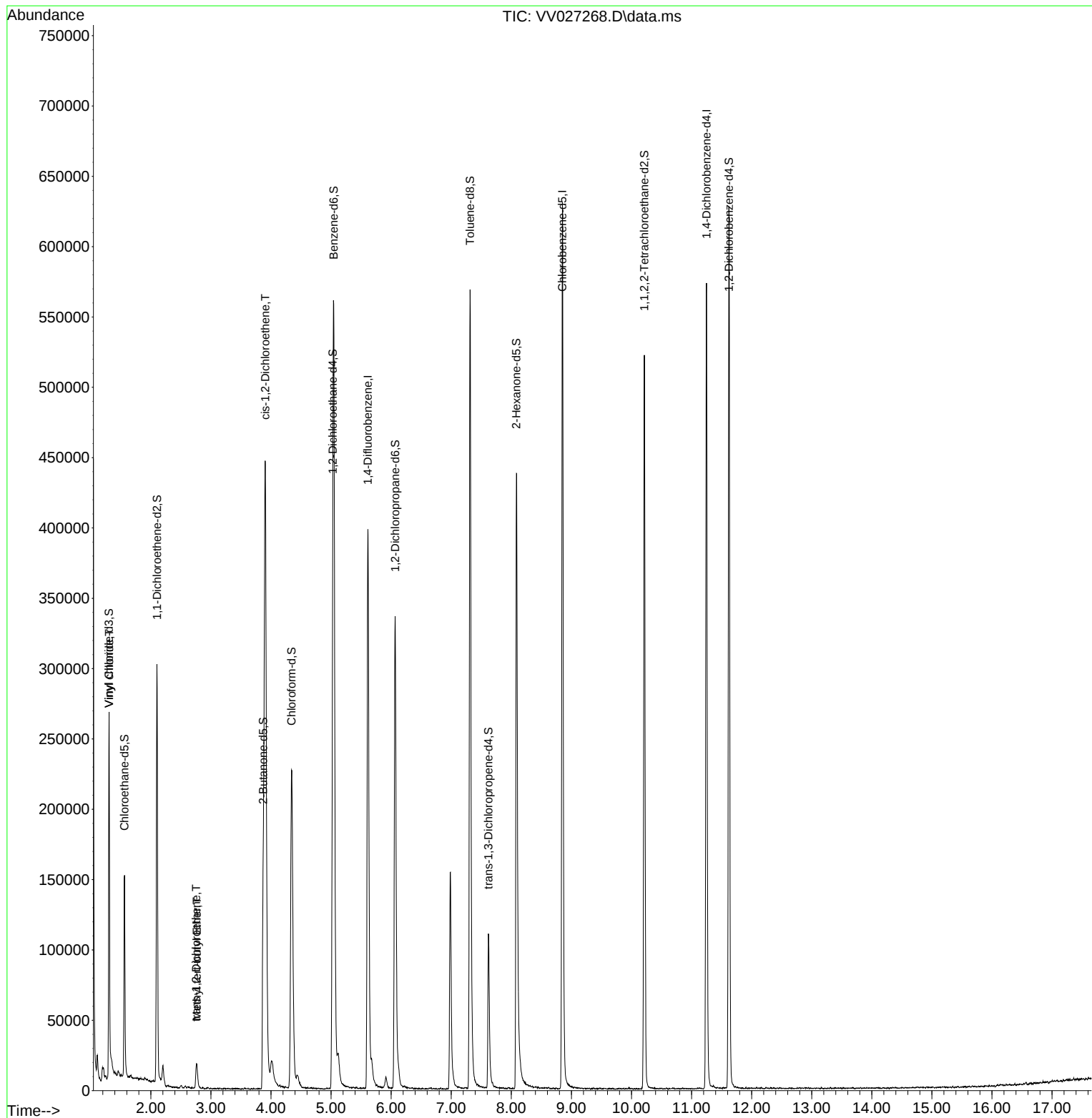
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027268.D
Acq On : 10 Aug 2022 19:35
Operator : SY/MD
Sample : N4114-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

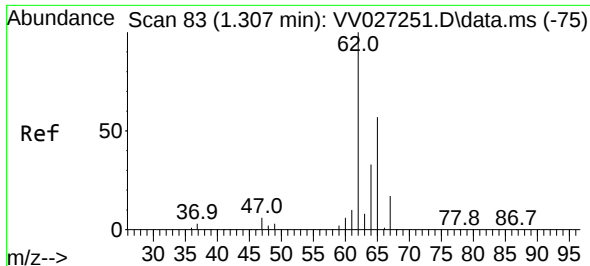
Instrument :
MSVOA_V
ClientSampleId :
F5D46

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022

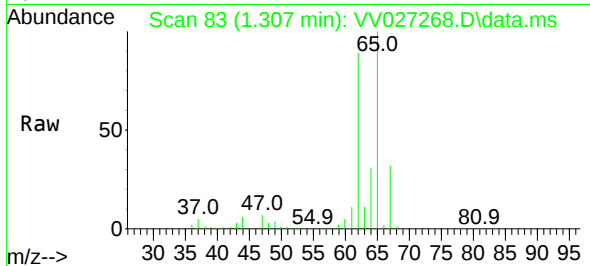
Quant Time: Aug 11 03:55:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 21.890 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35

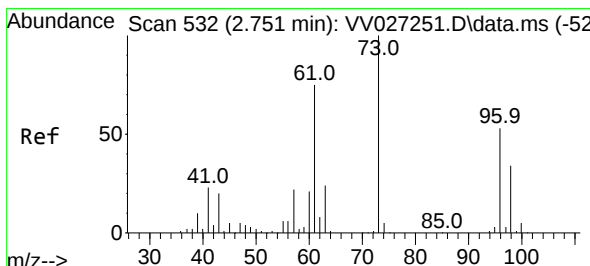
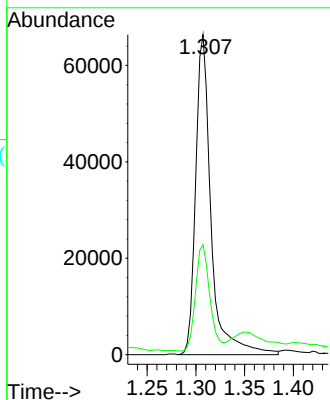
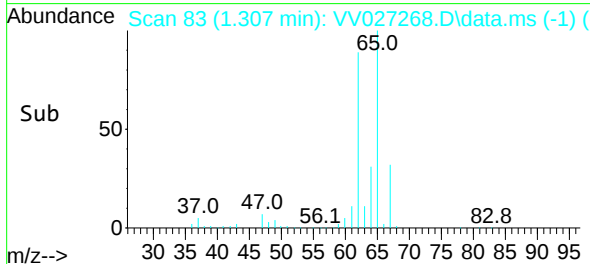
Instrument :
 MSVOA_V
 ClientSampleId :
 F5D46



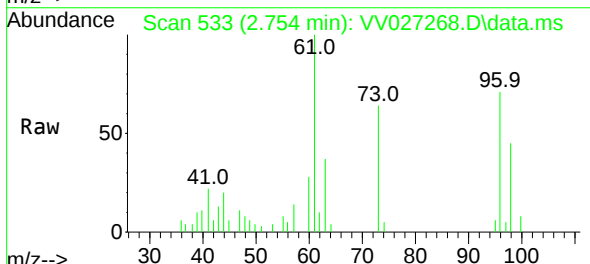
Tgt Ion: 62 Resp: 72850
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.2

Manual Integrations
 APPROVED

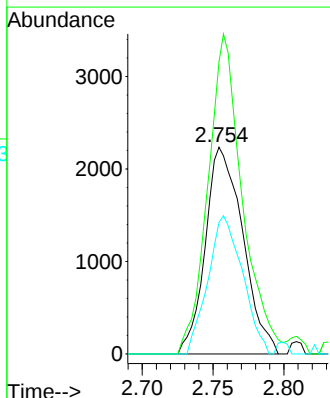
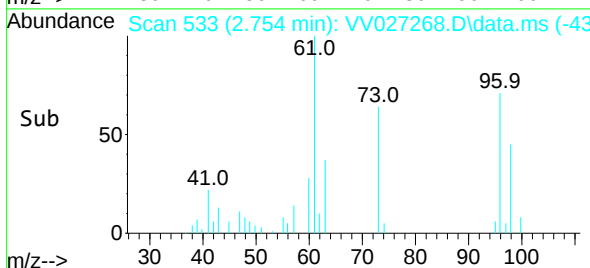
Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/14/2022

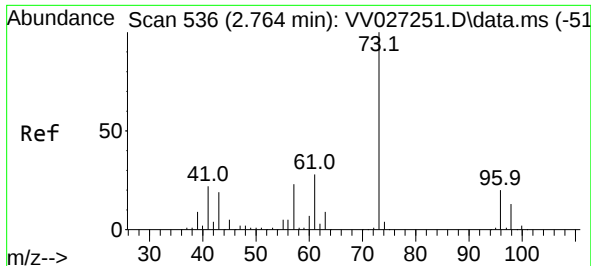


#17
 trans-1,2-Dichloroethene
 Concen: 1.629 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.003 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35



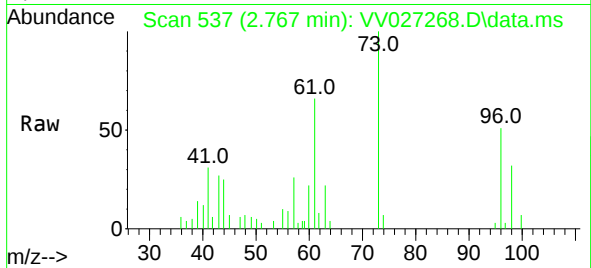
Tgt Ion: 96 Resp: 4106
 Ion Ratio Lower Upper
 96 100
 61 141.3 89.2 165.6
 98 63.6 44.6 82.8





#18
Methyl tert-butyl Ether
Concen: 0.945 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027268.D
Acq: 10 Aug 2022 19:35

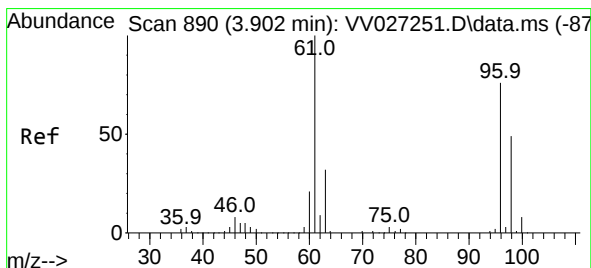
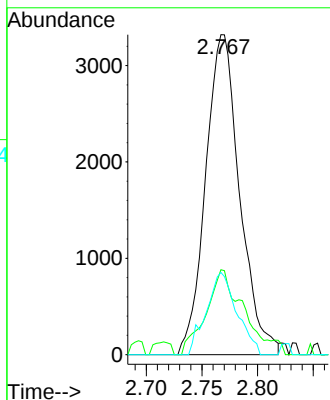
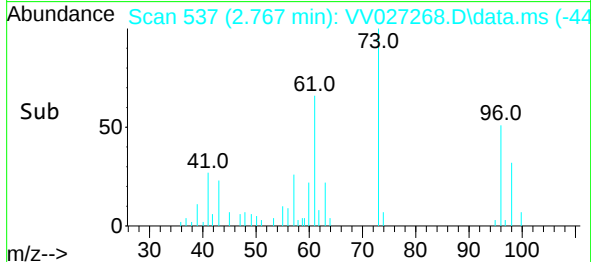
Instrument :
MSVOA_V
ClientSampleId :
F5D46



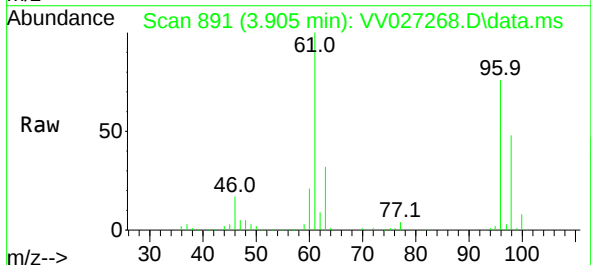
Tgt Ion: 73 Resp: 708
Ion Ratio Lower Upper
73 100
43 20.1 12.6 18.8
57 21.0 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022



#20
cis-1,2-Dichloroethene
Concen: 87.155 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV027268.D
Acq: 10 Aug 2022 19:35



Tgt Ion: 96 Resp: 228211
Ion Ratio Lower Upper
96 100
61 132.2 81.8 151.8
68 0.0 0.0 0.0

