

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012342.D
 Acq On : 22 Aug 2019 12:55
 Operator : SY/MD
 Sample : K4454-11
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2C03

Quant Time: Aug 23 07:07:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	260535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	246332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47021	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	34390	38.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.78%
11) 1,1-Dichloroethene-d2	2.13	63	65220	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.72%#
21) 2-Butanone-d5	3.92	46	56458	58.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.72%
24) Chloroform-d	4.40	84	123368	35.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.38%
26) 1,2-Dichloroethane-d4	5.08	65	96451	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
32) Benzene-d6	5.09	84	253624	38.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.22%
36) 1,2-Dichloropropane-d6	6.11	67	69792	39.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.58%
41) Toluene-d8	7.36	98	240043	37.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.98%#
43) trans-1,3-Dichloropropene-	7.66	79	38926	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
47) 2-Hexanone-d5	8.13	63	44065	60.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	60.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93959	37.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.28%
64) 1,2-Dichlorobenzene-d4	11.67	152	103443	41.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.12%

Target Compounds

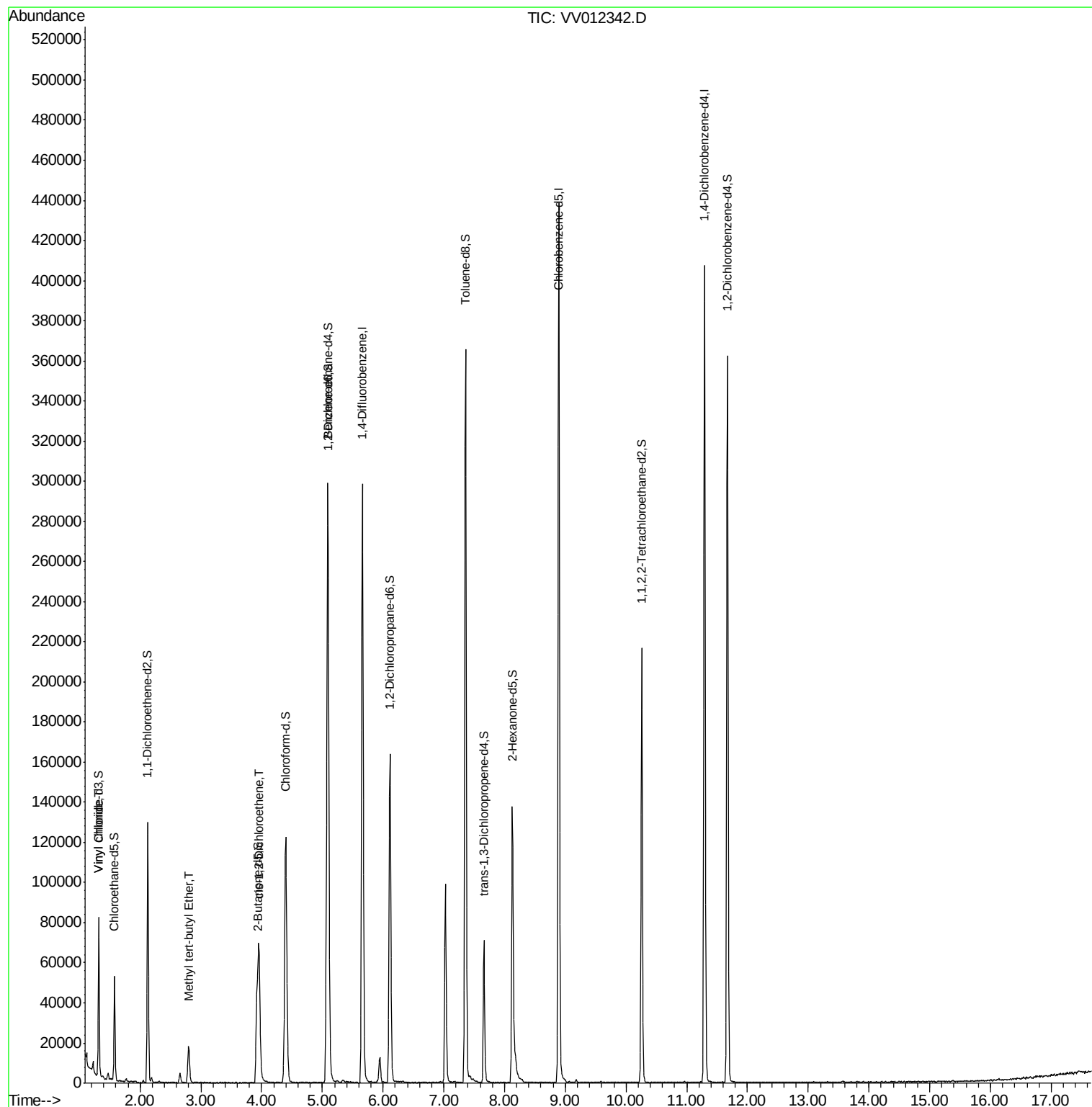
					Ovalue
5) Vinyl chloride	1.32	62	1909	1.517 ug/L	# 29
18) Methyl tert-butyl Ether	2.80	73	17469	3.325 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	32619	18.484 ug/L	87

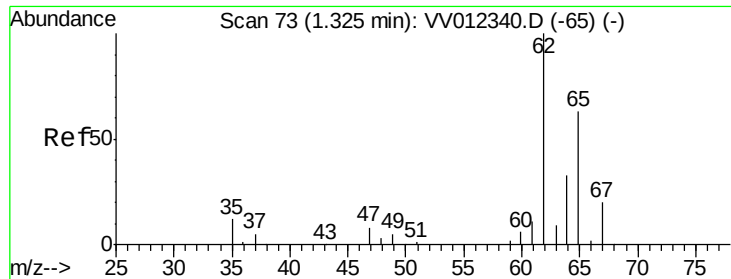
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.517 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 22 Aug 2019 12:55

Instrument :

MSVOA_V

ClientSampleId :

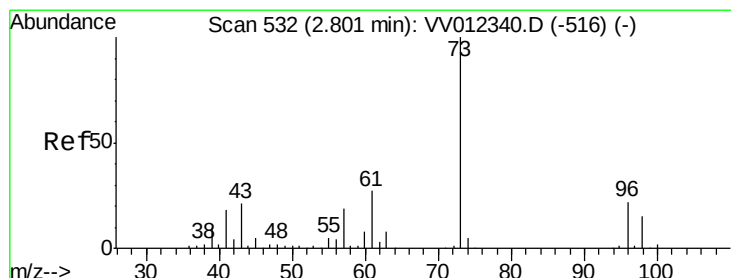
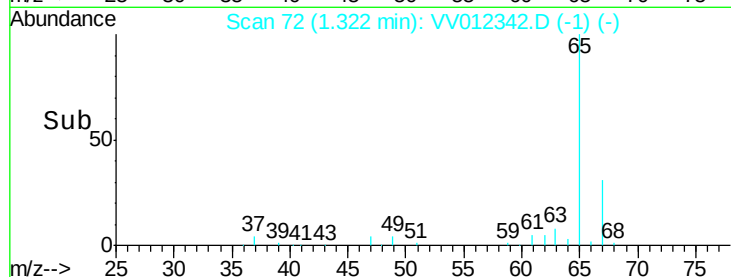
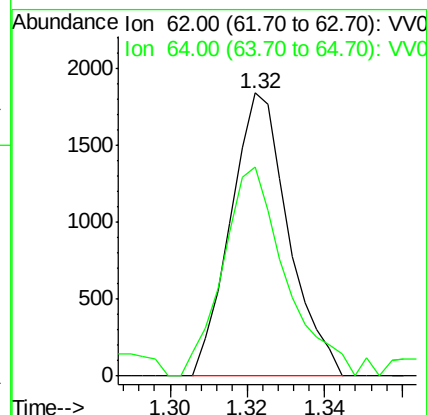
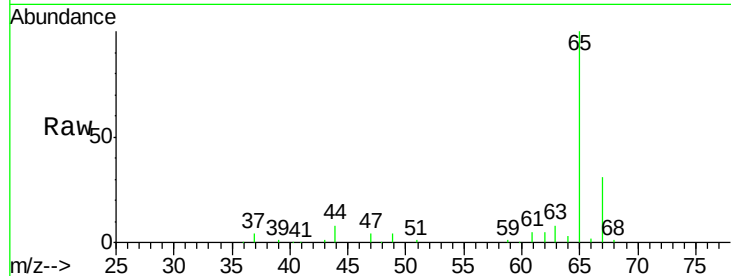
F2C03

Tot Ion: 62 Resp: 1909

Ion Ratio Lower Upper

62 100

64 74.0 23.5 43.7#



#18

Methyl tert-butyl Ether

Concen: 3.325 ug/L

RT: 2.80 min Scan# 531

Delta R.T. -0.00 min

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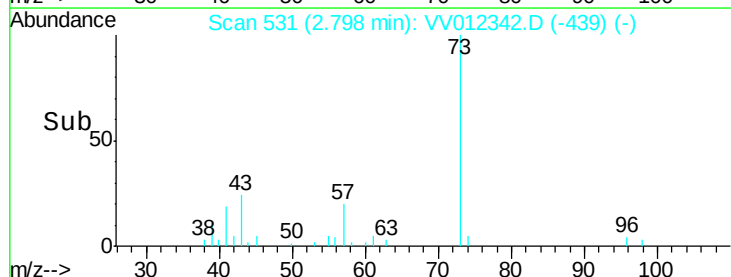
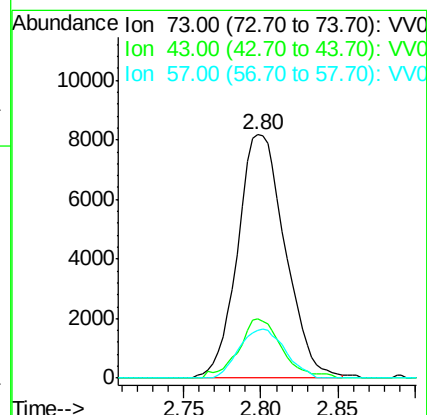
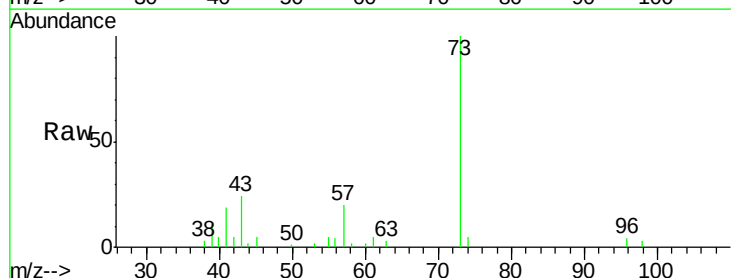
Tgt Ion: 73 Resp: 17469

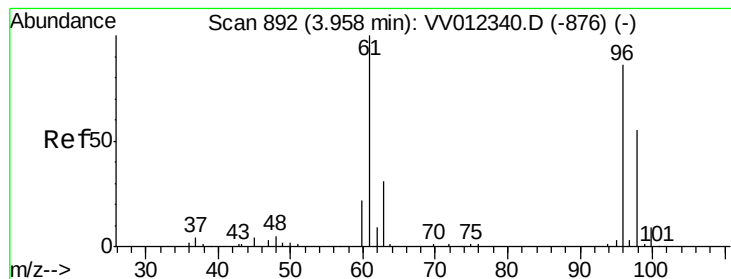
Ion Ratio Lower Upper

73 100

43 19.4 16.6 25.0

57 19.5 15.0 22.6



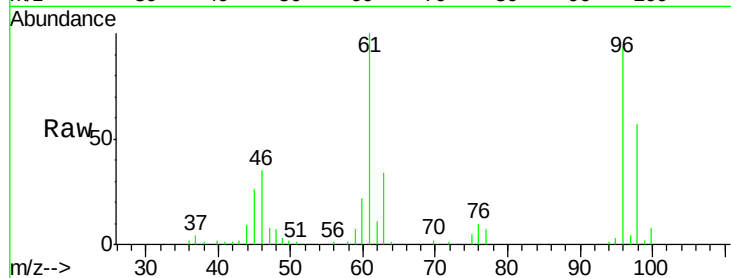


#20

cis-1,2-Dichloroethene
 Concen: 18.484 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
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Tot Ion: 96 Resp: 32619
 Ion Ratio Lower Upper
 96 100
 61 105.9 84.4 156.7
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

