

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
 Data File : VV008705.D
 Acq On : 21 Nov 2018 17:02
 Operator : SY/MD
 Sample : J6026-17DL 5X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FM9DL

Quant Time: Nov 22 01:42:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 22 00:36:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	176552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39935	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.59	69	28710	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.14	63	58270	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	108864	38.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.60%
24) Chloroform-d	4.41	84	93155	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	46727	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.10	84	194673	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	59036	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	173925	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	17058	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.14	63	73950	31.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36380	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	56443	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

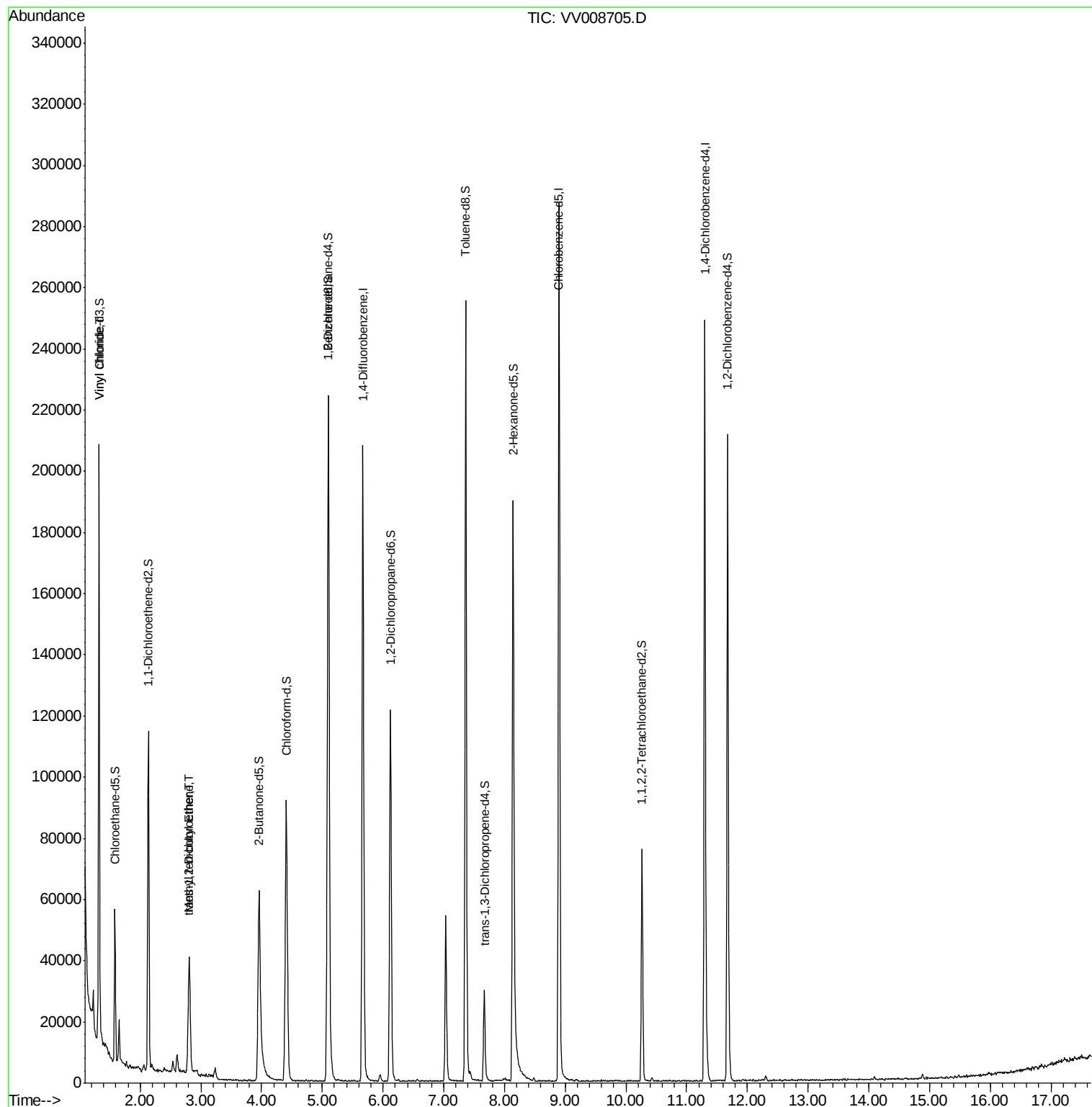
					Qvalue
5) Vinyl chloride	1.33	62	78177	7.002 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	30506	1.400 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	5103	0.574 ug/L	77

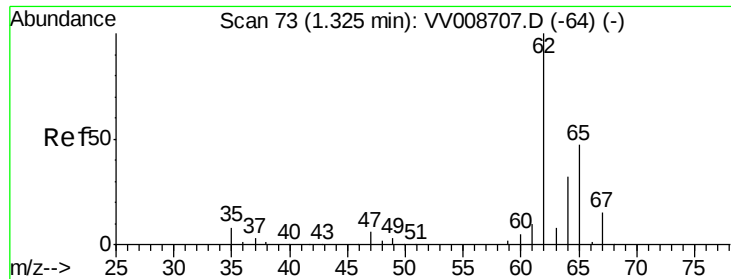
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.002 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

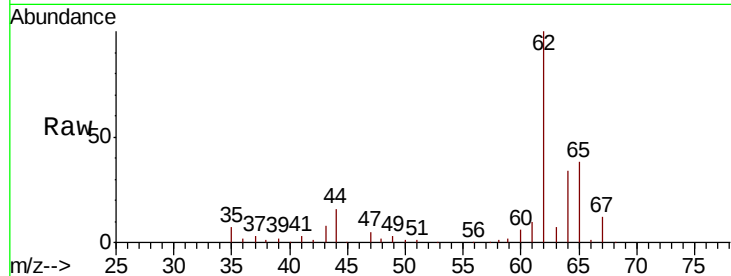
H0FM9DL

Tgt Ion: 62 Resp: 78177

Ion Ratio Lower Upper

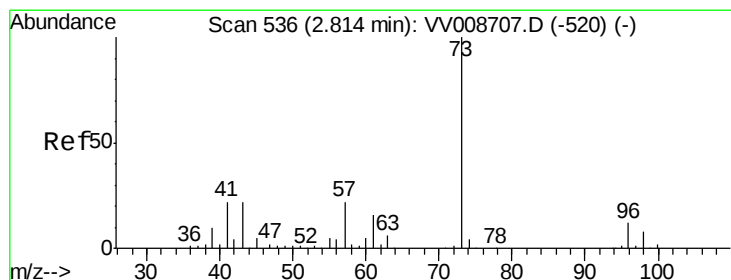
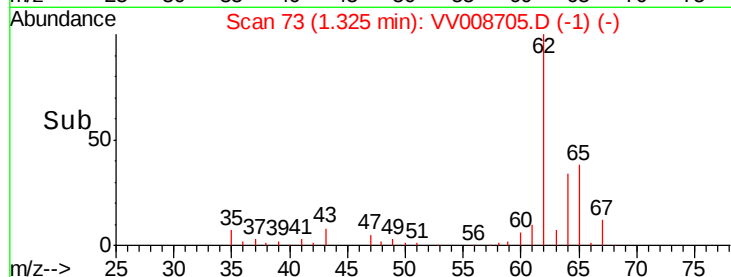
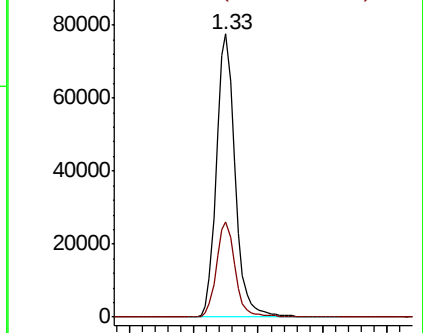
62 100

64 33.8 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#17

Methyl tert-butyl Ether

Concen: 1.400 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

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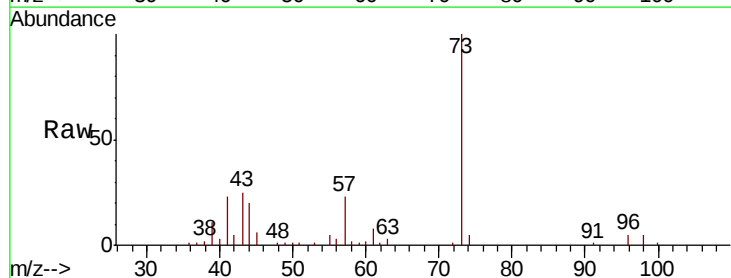
Tgt Ion: 73 Resp: 30506

Ion Ratio Lower Upper

73 100

43 24.9 18.1 27.1

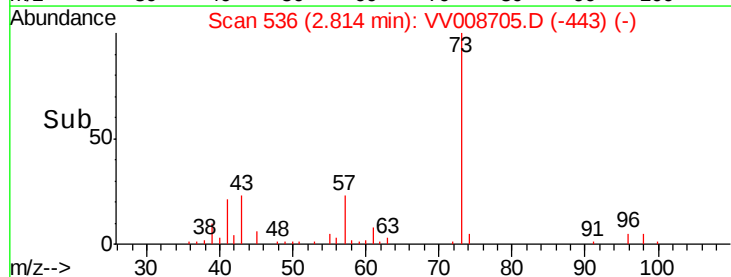
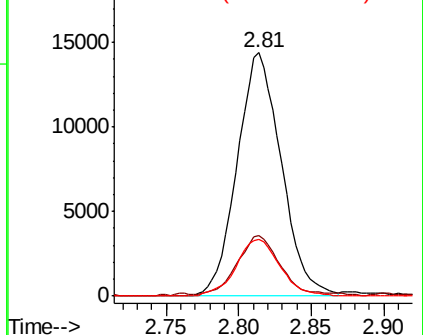
57 23.2 17.9 26.9

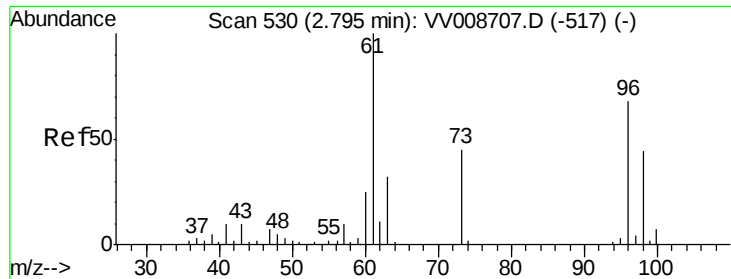


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#18
 trans-1,2-Dichloroethene
 Concen: 0.574 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. -0.00 min
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Tgt Ion: 96 Resp: 5103
 Ion Ratio Lower Upper
 96 100
 61 168.5 97.1 180.3
 98 74.0 41.9 77.7

