

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016077.D
 Acq On : 14 May 2020 19:17
 Operator : SY/MD
 Sample : L2661-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4202

Quant Time: May 15 08:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144082	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143924	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39076	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	40208	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	60982	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	116221	52.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	4.38	84	84396	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	49588	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	168473	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	54142	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	146477	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	17771	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.12	63	91472	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38318	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56968	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

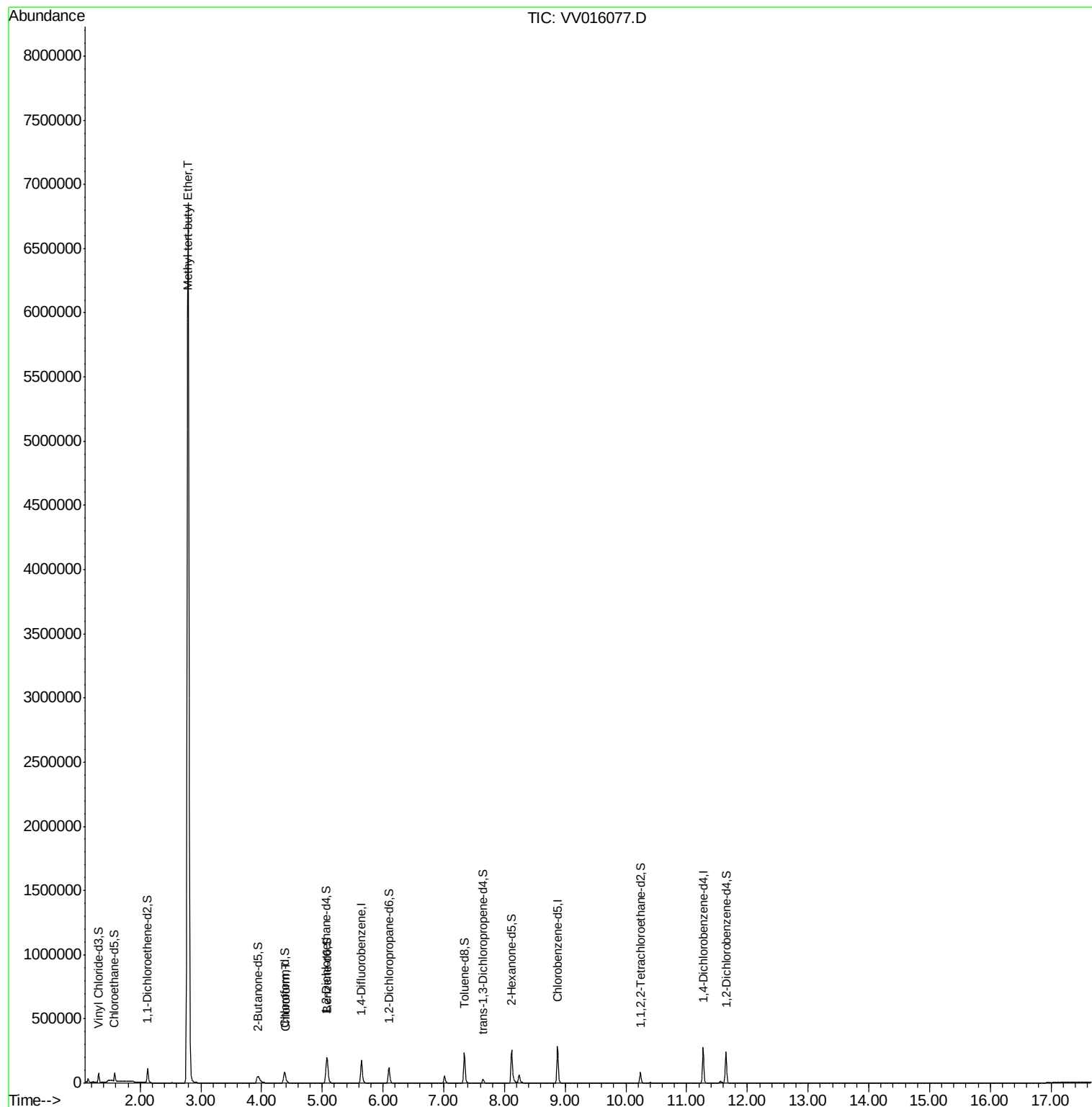
Target Compounds					Ovalue
17) Methyl tert-butyl Ether	2.79	73	6706875	325.520 ug/L	98
25) Chloroform	4.41	83	5279	0.284 ug/L	98

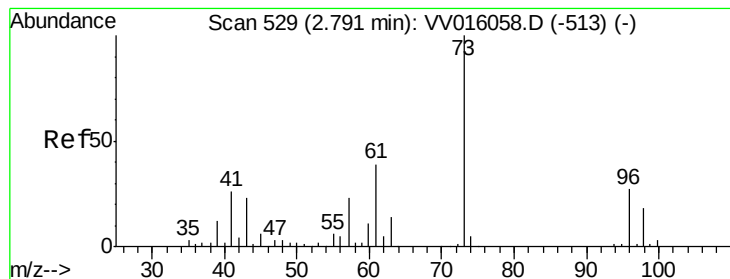
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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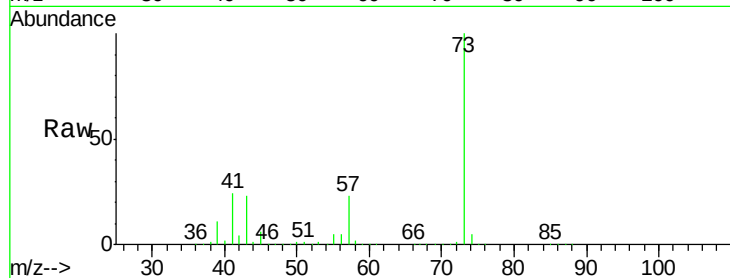


#17

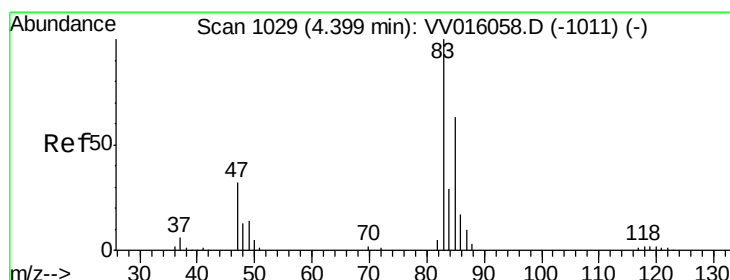
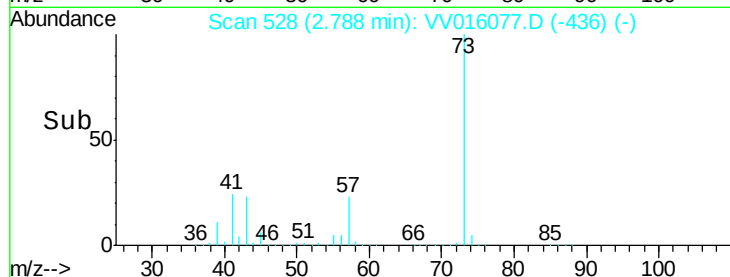
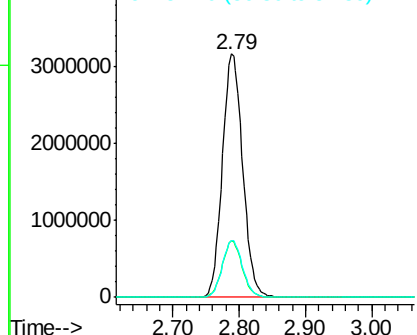
Methyl tert-butyl Ether
 Concen: 325.520 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV016077.D
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Tot Ion: 73 Resp: 6706875
 Ion Ratio Lower Upper
 73 100
 43 22.9 18.8 28.2
 57 23.1 17.8 26.6



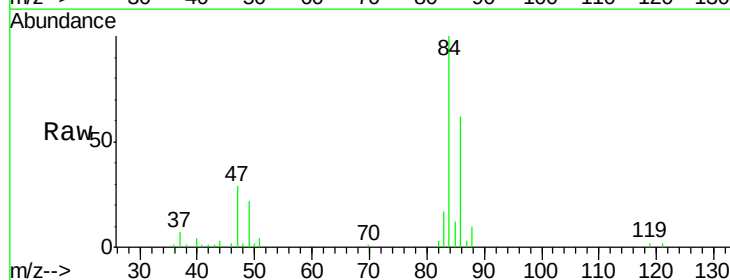
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



#25

Chloroform
 Concen: 0.284 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
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Tgt Ion: 83 Resp: 5279
 Ion Ratio Lower Upper
 83 100
 85 66.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

