

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
 Data File : VV019776.D
 Acq On : 21 Dec 2020 15:28
 Operator : SY/MD
 Sample : L5087-06 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q1

Quant Time: Dec 22 01:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	643438	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	603627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	286578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	271385	58.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.64%
7) Chloroethane-d5	1.57	69	213933	58.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.58%
11) 1,1-Dichloroethene-d2	2.11	63	382751	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
21) 2-Butanone-d5	3.89	46	373504	148.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.93%#
24) Chloroform-d	4.35	84	458886	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.36%
26) 1,2-Dichloroethane-d4	5.04	65	320287	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.88%
32) Benzene-d6	5.05	84	932158	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.07	67	295225	58.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.08%
41) Toluene-d8	7.32	98	812830	56.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.16%
43) trans-1,3-Dichloropropene-	7.62	79	138471	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.09	63	235931	119.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.20%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	363626	53.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	290676	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%

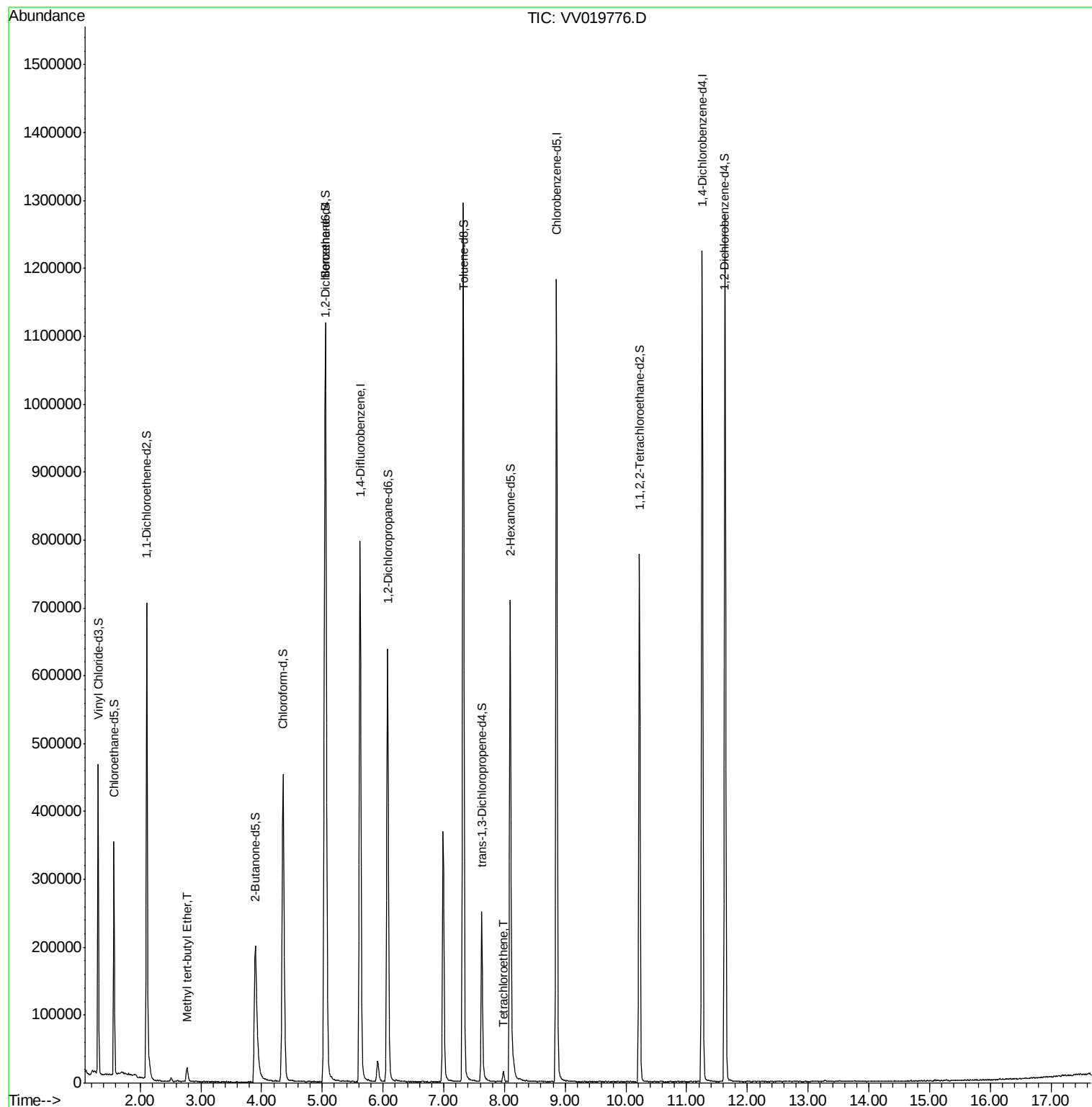
Target Compounds					Qvalue
18) Methyl tert-butyl Ether	2.77	73	20325	1.384 ug/L	95
46) Tetrachloroethene	7.98	164	2933	0.910 ug/L	97

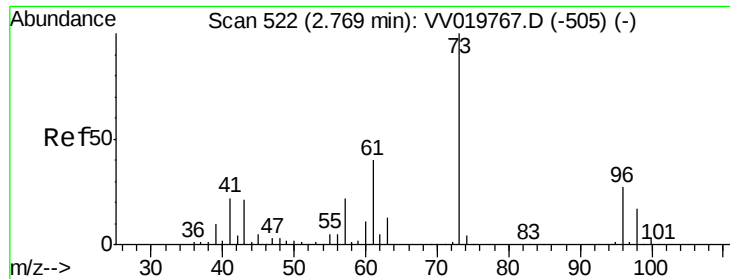
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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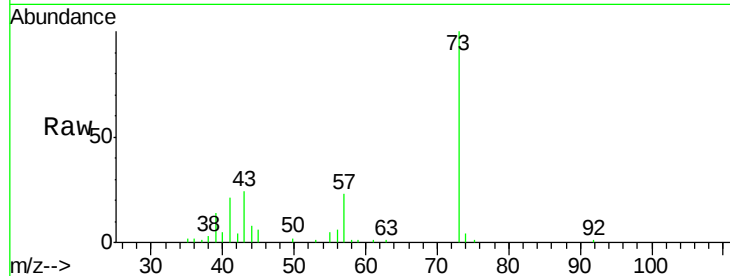




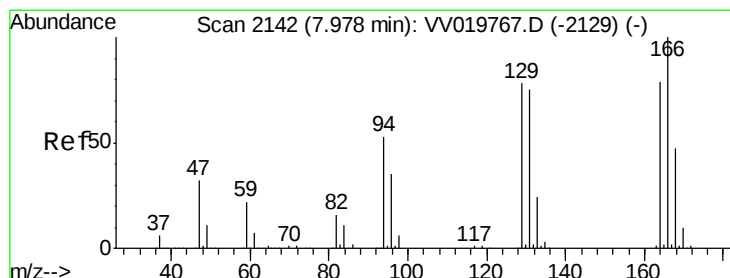
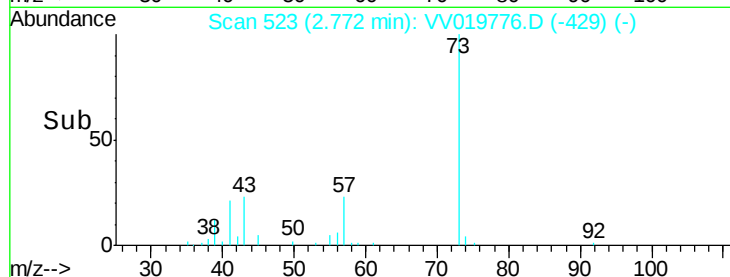
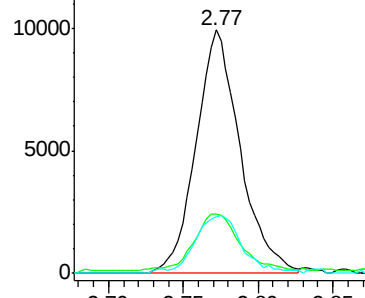
#18
Methyl tert-butyl Ether
Concen: 1.384 ug/L
RT: 2.77 min Scan# 523
Delta R.T. 0.00 min
Lab File: VV019776.D
Acq: 21 Dec 2020 15:28

Instrument :
MSVOA_V
ClientSampled :
BG4Q1

Tgt Ion:	73	Resp:	20325
Ion	Ratio	Lower	Upper
73	100		
43	23.7	17.3	25.9
57	24.8	17.5	26.3

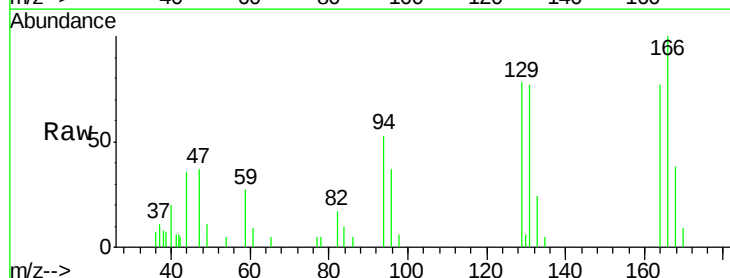


Abundance Ion 73.00 (72.70 to 73.70): VV019776.D (-505) (-)
Ion 43.00 (42.70 to 43.70): VV019776.D (-505) (-)
Ion 57.00 (56.70 to 57.70): VV019776.D (-505) (-)



#46
Tetrachloroethene
Concen: 0.910 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019776.D
Acq: 21 Dec 2020 15:28

Tgt Ion:	164	Resp:	2933
Ion	Ratio	Lower	Upper
164	100		
129	101.7	70.6	131.0
131	100.7	68.0	126.4
166	130.4	86.9	161.5



Abundance Ion 164.00 (163.70 to 164.70): VV019776.D (-2129) (-)
Ion 129.00 (128.70 to 129.70): VV019776.D (-2129) (-)
Ion 131.00 (130.70 to 131.70): VV019776.D (-2129) (-)
Ion 166.00 (165.70 to 166.70): VV019776.D (-2129) (-)

