

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018121.D
 Acq On : 27 Aug 2020 17:10
 Operator : SY/MD
 Sample : L3800-17DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G4DL

Quant Time: Aug 28 07:18:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124766	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83216	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.90%
7) Chloroethane-d5	1.58	69	75673	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.12	63	129856	34.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.46%
21) 2-Butanone-d5	3.91	46	124762	96.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	4.38	84	165719	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	115295	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.08	84	337179	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
36) 1,2-Dichloropropane-d6	6.09	67	110601	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.38%
41) Toluene-d8	7.34	98	295694	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%
43) trans-1,3-Dichloropropene-	7.64	79	50895	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.76%
47) 2-Hexanone-d5	8.11	63	63834	85.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137836	45.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	127605	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

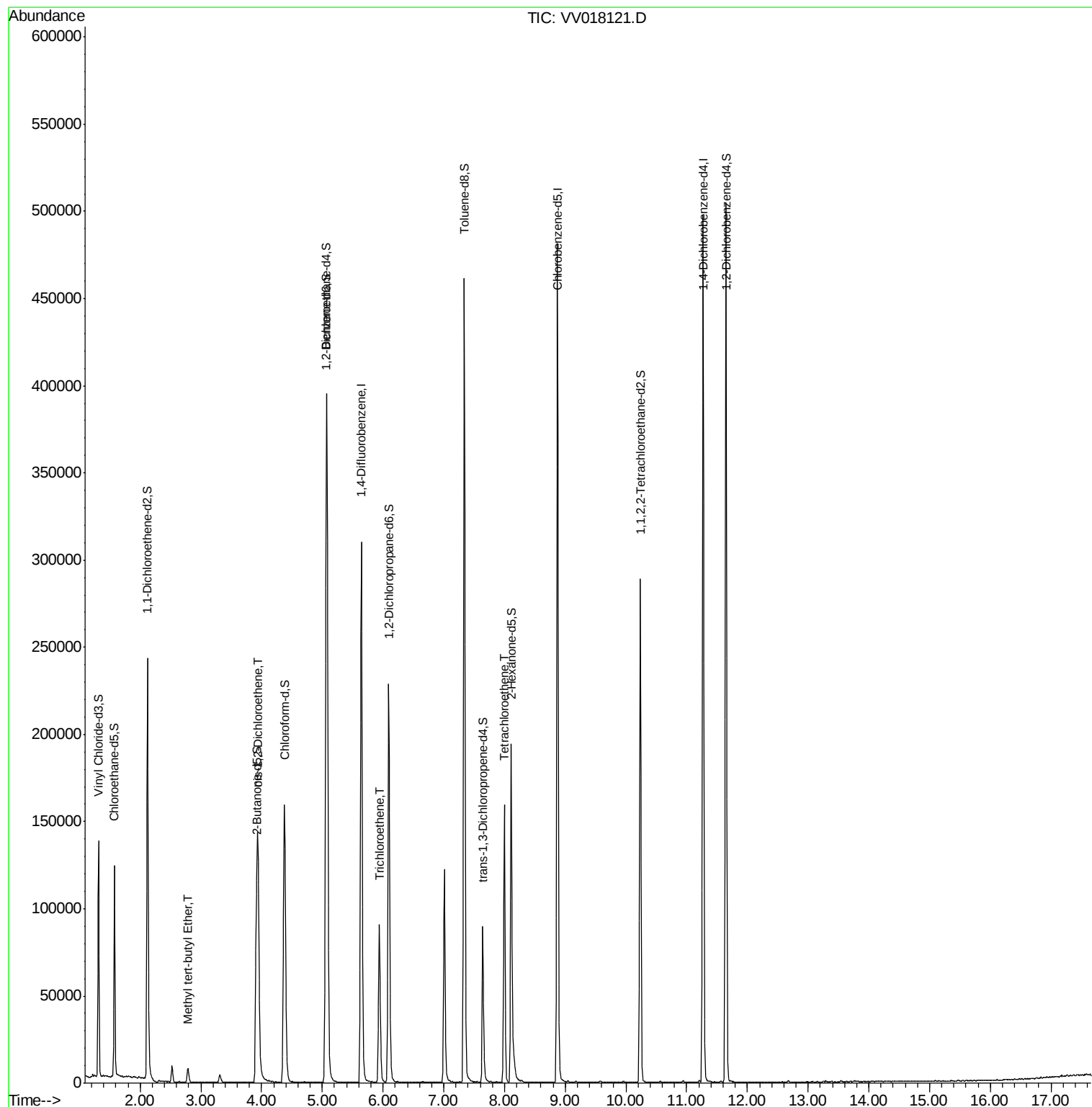
					Ovalue
18) Methyl tert-butyl Ether	2.79	73	6585	1.111 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	62357	31.656 ug/L	98
34) Trichloroethene	5.94	95	29620	14.071 ug/L	97
46) Tetrachloroethene	8.00	164	36143	23.411 ug/L	98

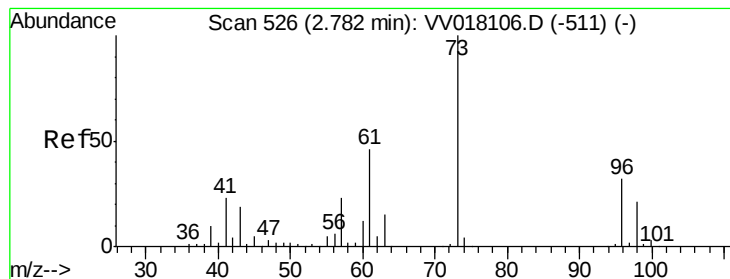
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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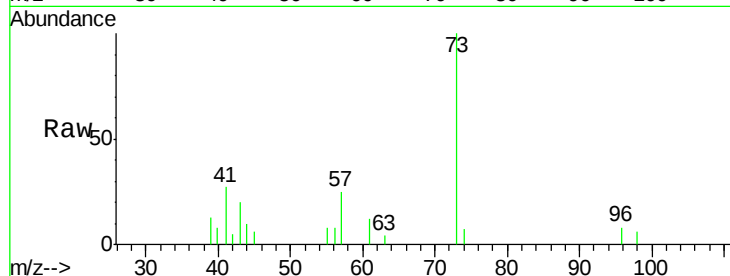


#18

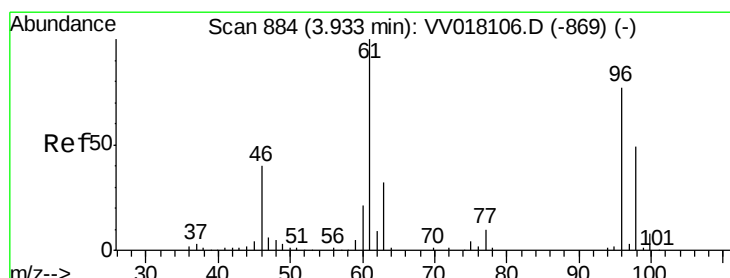
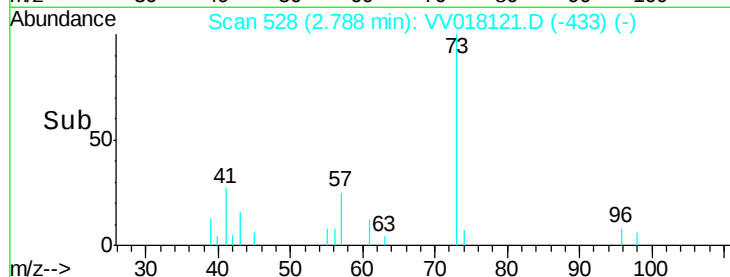
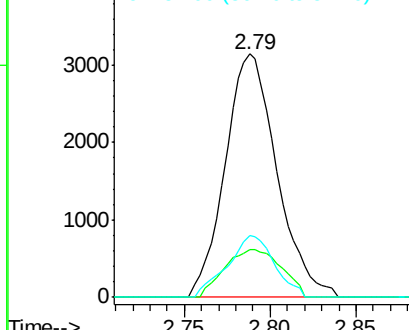
Methvl tert-butvl Ether
 Concen: 1.111 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VV018121.D
 Acq: 27 Aug 2020 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G4DL

Tot Ion: 73 Resp: 6585
 Ion Ratio Lower Upper
 73 100
 43 21.7 15.9 23.9
 57 23.1 18.1 27.1



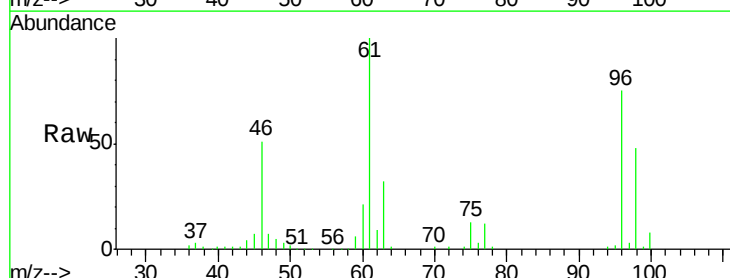
Abundance Ion 73.00 (72.70 to 73.70): VV0
 Ion 43.00 (42.70 to 43.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0



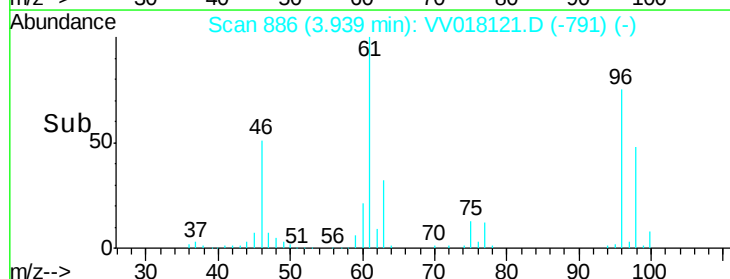
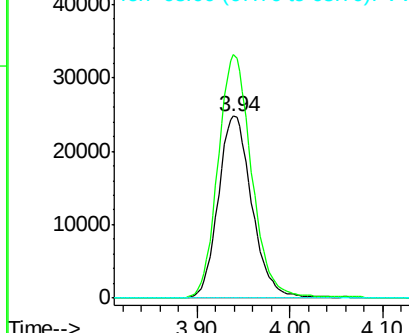
#20

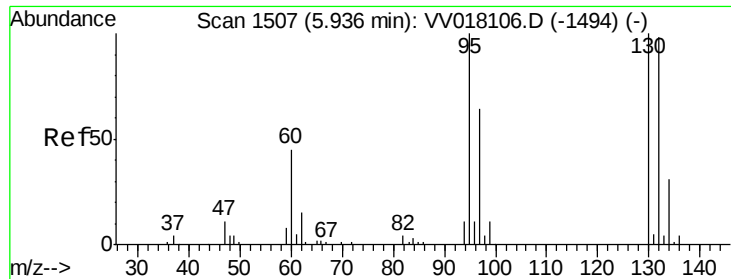
cis-1,2-Dichloroethene
 Concen: 31.656 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV018121.D
 Acq: 27 Aug 2020 17:10

Tgt Ion: 96 Resp: 62357
 Ion Ratio Lower Upper
 96 100
 61 133.7 95.0 176.4
 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

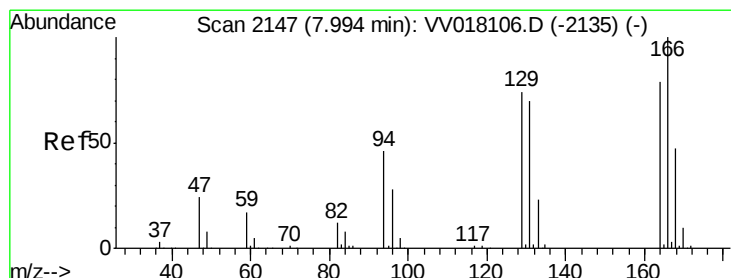
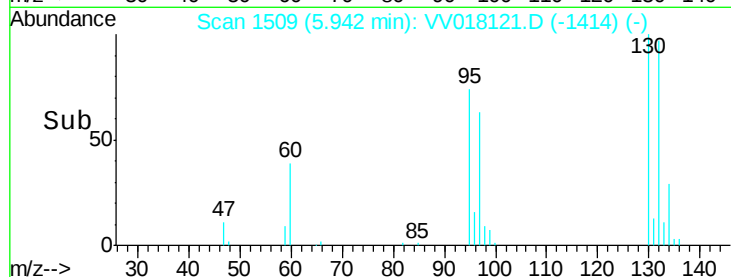
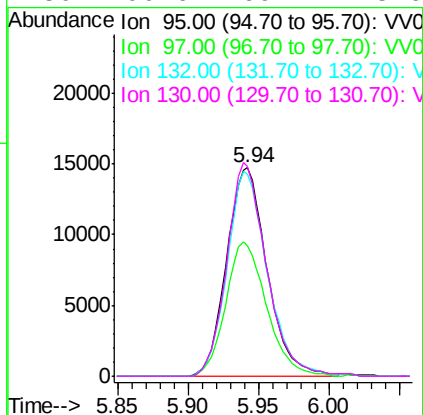
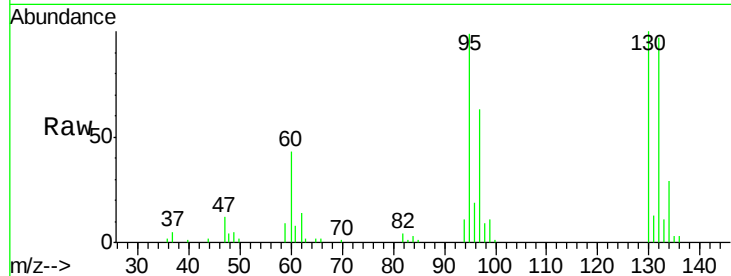




#34
 Trichloroethene
 Concen: 14.071 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018121.D
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Tot Ion:	95	Resp:	29620
Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.0	85.4
132	97.1	65.8	122.2
130	100.6	69.2	128.6



#46
 Tetrachloroethene
 Concen: 23.411 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018121.D
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Tgt Ion:	164	Resp:	36143
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.8	120.3
131	88.0	64.5	119.9
166	127.0	88.9	165.1

