

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033868.D
 Acq On : 21 Aug 2019 13:16
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Aug 22 06:51:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 05:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	373498	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	379367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	158859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	157180	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.67	69	145027	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.26	63	214180	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	4.15	46	170227	96.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.62	84	263900	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.29	65	173300	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
32) Benzene-d6	5.32	84	520133	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.31	67	174103	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.55	98	460685	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.83	79	74051	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.18%
47) 2-Hexanone-d5	8.29	63	105342	83.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236333	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	169931	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

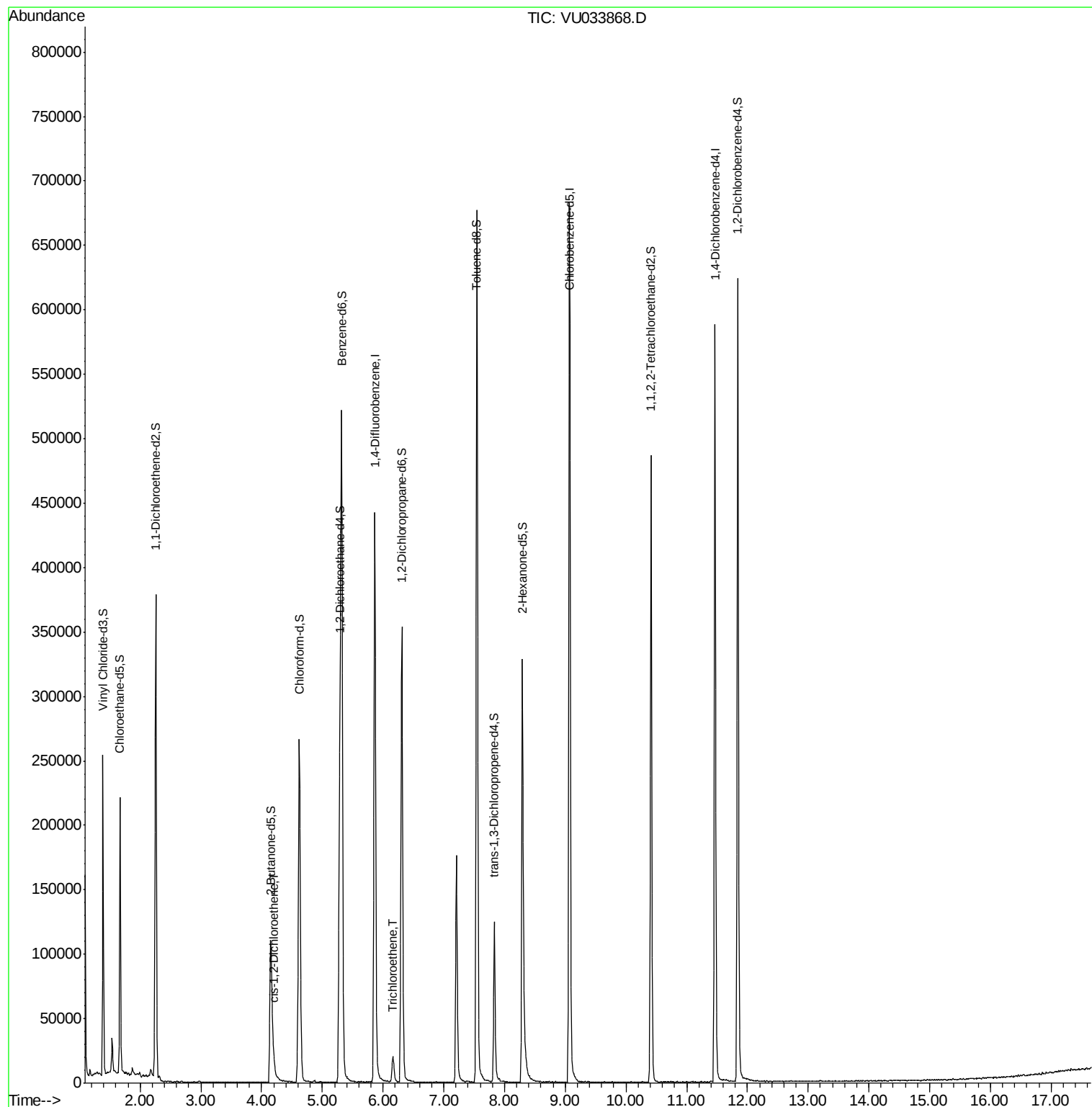
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	4297	1.476 ug/L	91
34) Trichloroethene	6.17	95	5287	1.729 ug/L	81

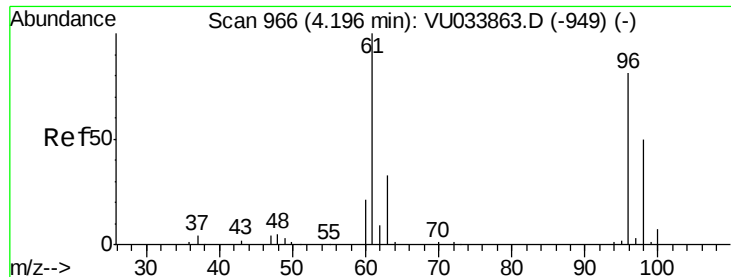
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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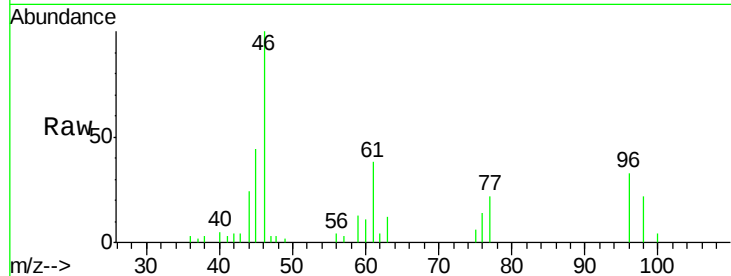




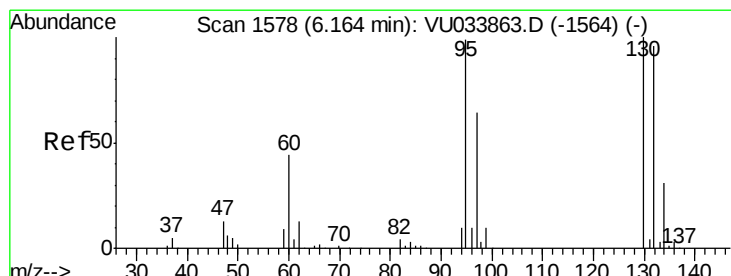
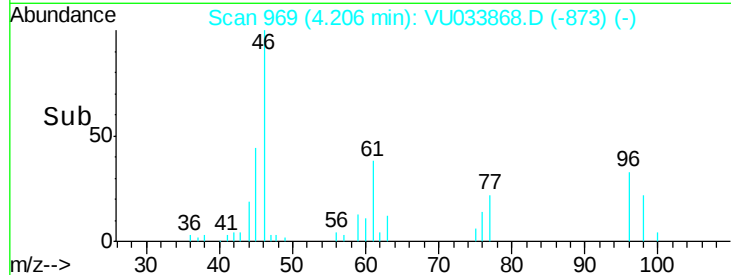
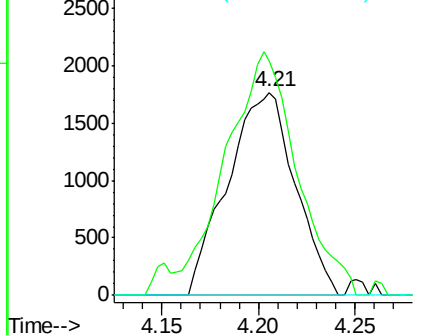
#20
 cis-1,2-Dichloroethene
 Concen: 1.476 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU033868.D
 Acq: 21 Aug 2019 13:16

Instrument :
 MSVOA_U
 ClientSampled :
 VIBLK40

Tot Ion: 96 Resp: 4297
 Ion Ratio Lower Upper
 96 100
 61 115.4 88.2 163.8
 68 0.0 0.0 0.0

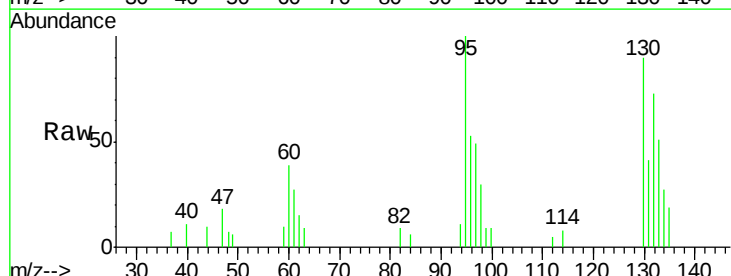


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34
 Trichloroethene
 Concen: 1.729 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033868.D
 Acq: 21 Aug 2019 13:16

Tgt Ion: 95 Resp: 5287
 Ion Ratio Lower Upper
 95 100
 97 49.3 46.3 86.1
 132 73.3 67.9 126.1
 130 90.0 72.0 133.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

