

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033463.D
 Acq On : 26 Jul 2019 18:59
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Jul 27 05:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:57:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	271900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	115702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95814	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.84%
7) Chloroethane-d5	1.67	69	95100	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.36%
11) 1,1-Dichloroethene-d2	2.25	63	158366	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
21) 2-Butanone-d5	4.15	46	155747	122.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.94%
24) Chloroform-d	4.62	84	173471	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
26) 1,2-Dichloroethane-d4	5.29	65	124083	57.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.48%
32) Benzene-d6	5.32	84	361036	54.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.26%
36) 1,2-Dichloropropane-d6	6.31	67	121469	56.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.70%
41) Toluene-d8	7.55	98	315792	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%
43) trans-1,3-Dichloropropene-	7.83	79	51524	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
47) 2-Hexanone-d5	8.30	63	108128	112.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185829	57.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	122372	59.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.62%

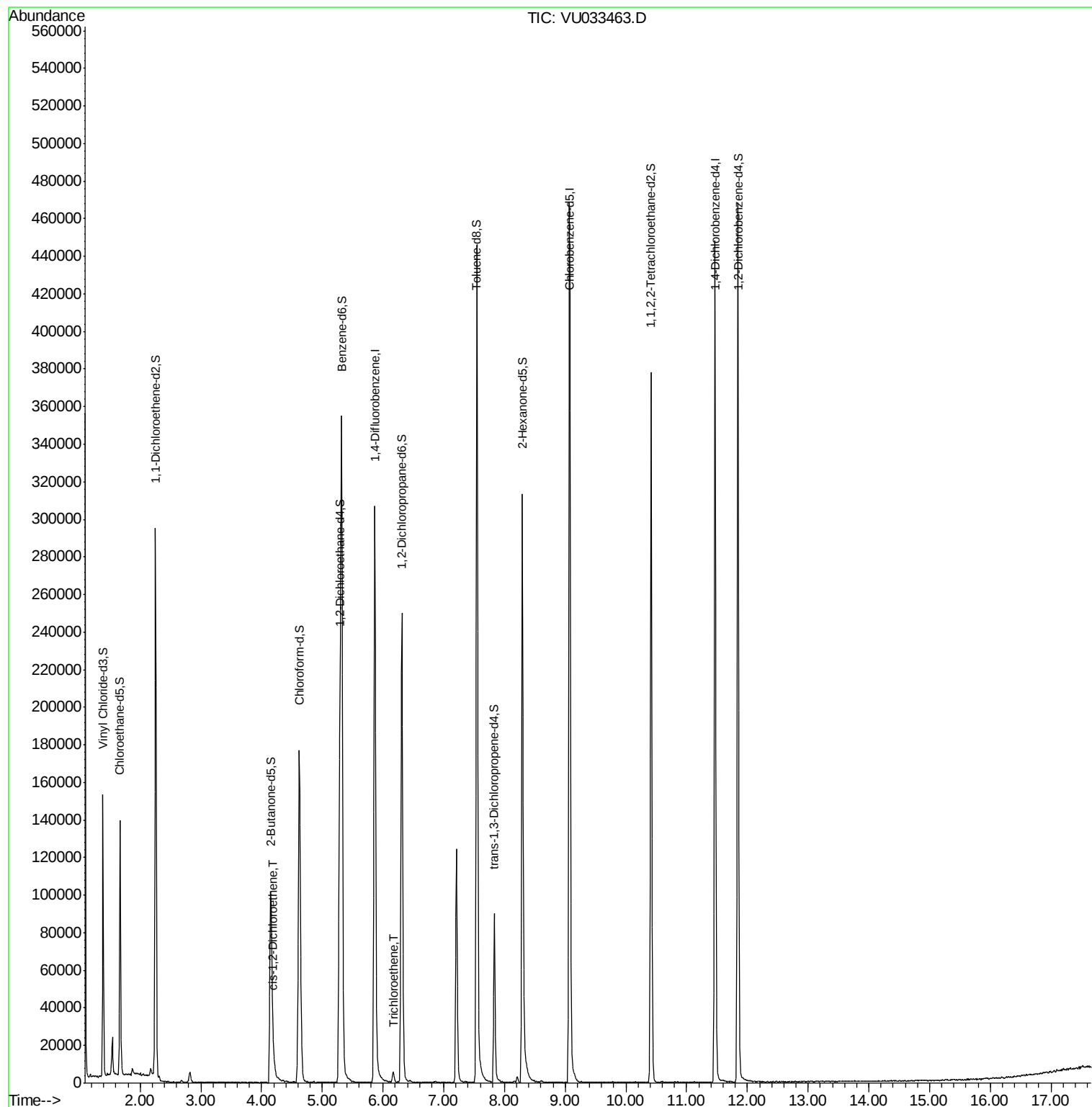
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	1502	0.731 ug/L	96
34) Trichloroethene	6.17	95	1871	0.902 ug/L	88

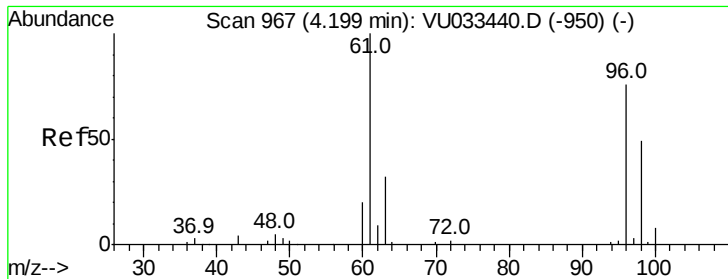
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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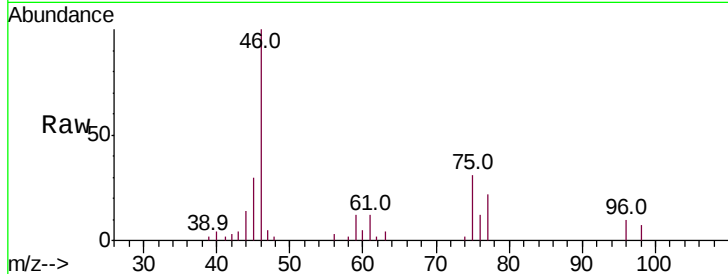


#20

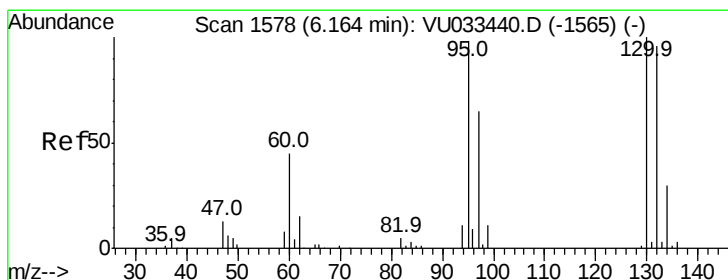
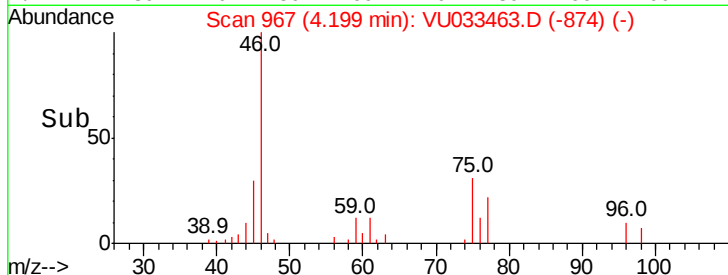
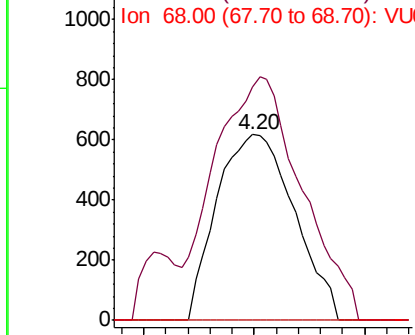
cis-1,2-Dichloroethene
 Concen: 0.731 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033463.D
 Acq: 26 Jul 2019 18:59

Instrument :
 MSVOA_U
 ClientSampled :
 VIBLK40

Tot Ion: 96 Resp: 1502
 Ion Ratio Lower Upper
 96 100
 61 125.4 91.1 169.1
 68 0.0 0.0 0.0



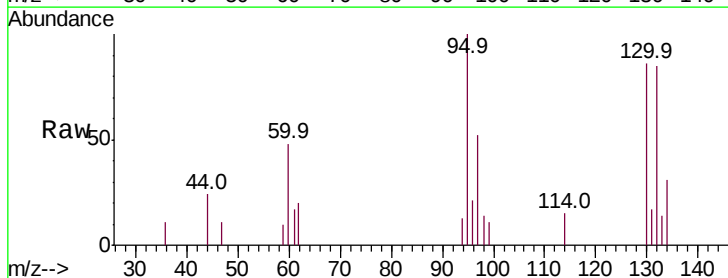
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 0.902 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VU033463.D
 Acq: 26 Jul 2019 18:59

Tgt Ion: 95 Resp: 1871
 Ion Ratio Lower Upper
 95 100
 97 51.7 43.8 81.4
 132 85.0 65.5 121.6
 130 86.0 69.7 129.5



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

