

Data File : VU033884.D
Acq On : 21 Aug 2019 20:09
Operator : JC/SP
Sample : K4420-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B73

Quant Time: Aug 22 07:23:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	401224	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	409343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	172718	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	152247	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.67	69	141564	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.25	63	197929	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.15	46	192579	101.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.73%
24) Chloroform-d	4.62	84	267235	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.29	65	179110	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
32) Benzene-d6	5.32	84	520251	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.31	67	175189	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	7.55	98	443635	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.83	79	72578	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
47) 2-Hexanone-d5	8.29	63	131331	95.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	253817	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	176053	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

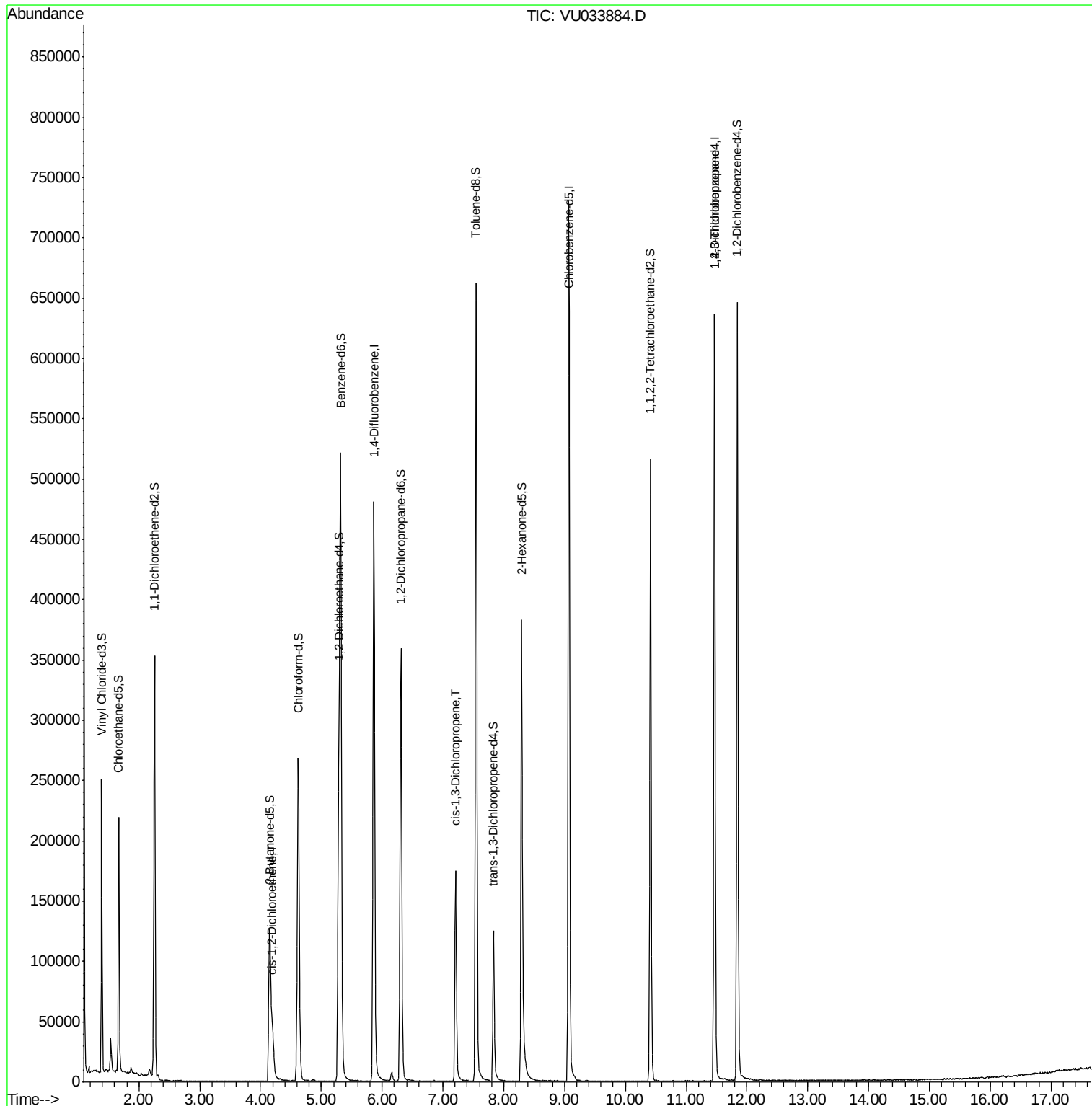
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	17141	5.482 ug/L	95
39) cis-1,3-Dichloropropene	7.21	75	4341	0.880 ug/L #	75
59) 1,2,3-Trichloropropane	11.47	75	19324	4.712 ug/L	89

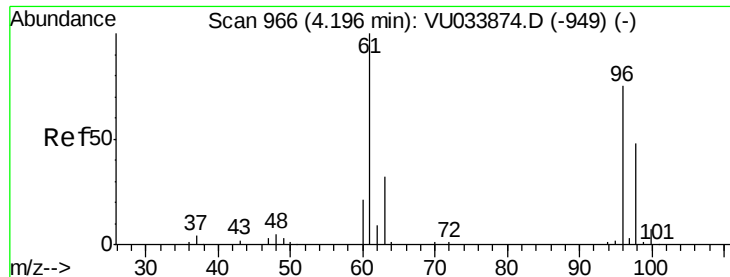
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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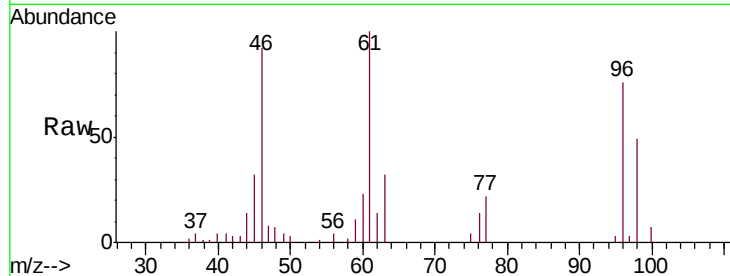




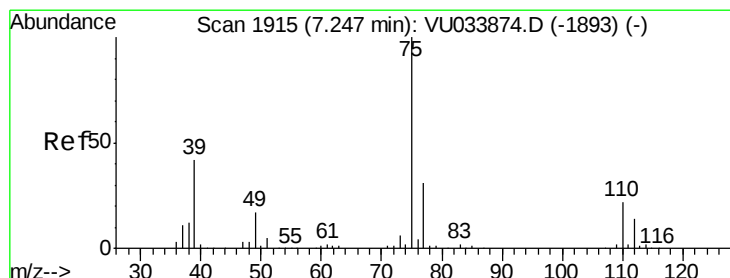
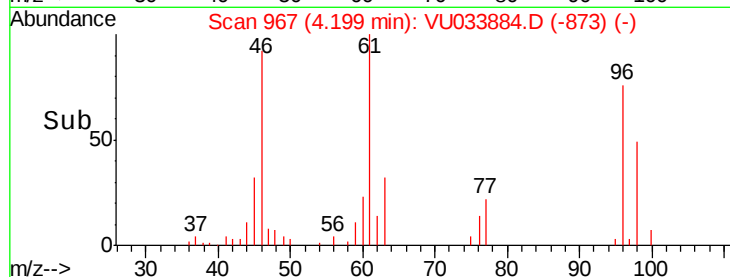
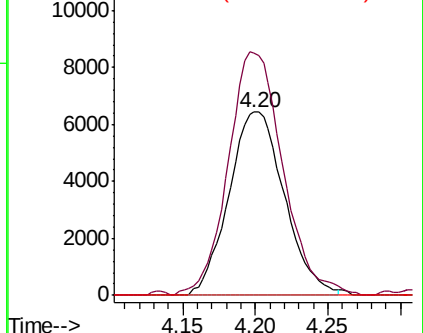
#20
 cis-1,2-Dichloroethene
 Concen: 5.482 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
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 F2B73

Tgt Ion: 96 Resp: 17141
 Ion Ratio Lower Upper
 96 100
 61 132.1 88.2 163.8
 68 0.0 0.0 0.0

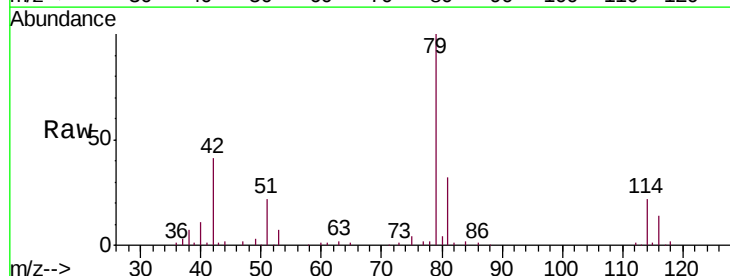


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

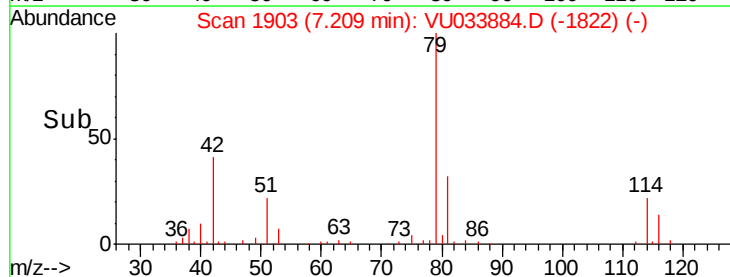
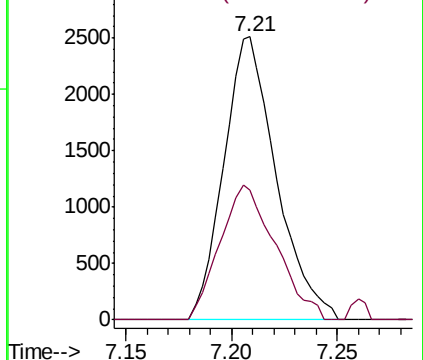


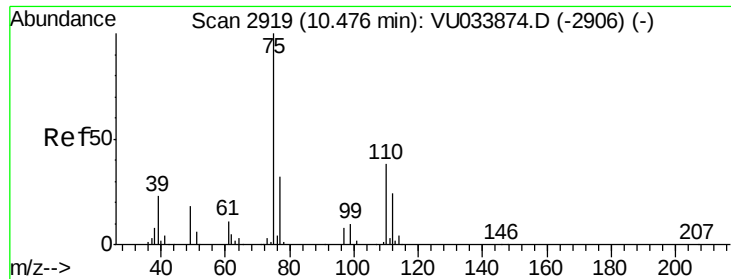
#39
 cis-1,3-Dichloropropene
 Concen: 0.880 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033884.D
 Acq: 21 Aug 2019 20:09

Tgt Ion: 75 Resp: 4341
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.712 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 19324

Ion Ratio Lower Upper

75 100

77 38.8 26.0 39.0

