

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033714.D
 Acq On : 10 Aug 2019 03:31
 Operator : JC/SP
 Sample : K4289-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B28

Quant Time: Aug 12 03:36:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	316658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116035	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.32%
7) Chloroethane-d5	1.67	69	104759	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.66%
11) 1,1-Dichloroethene-d2	2.26	63	150711	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.18%
21) 2-Butanone-d5	4.15	46	261525	176.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	176.92%#
24) Chloroform-d	4.62	84	222359	62.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.54%#
26) 1,2-Dichloroethane-d4	5.29	65	149148	67.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.66%#
32) Benzene-d6	5.32	84	446667	59.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.54%
36) 1,2-Dichloropropane-d6	6.31	67	150458	65.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	131.22%#
41) Toluene-d8	7.55	98	393865	56.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.06%
43) trans-1,3-Dichloropropene-	7.83	79	59233	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.30%
47) 2-Hexanone-d5	8.29	63	196582	165.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	165.49%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236119	69.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	139.20%#
64) 1,2-Dichlorobenzene-d4	11.84	152	172644	64.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.32%#

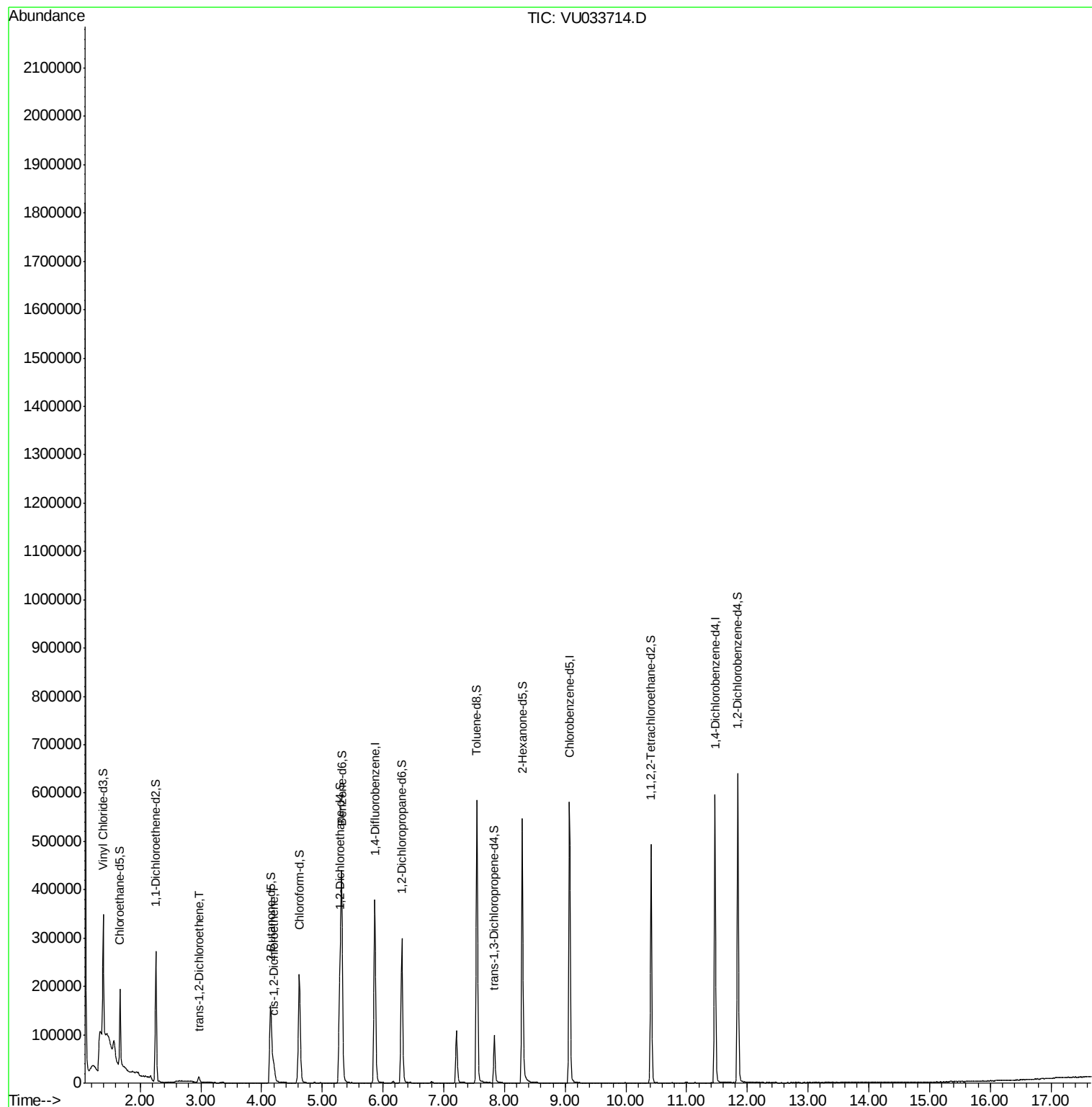
Target Compounds					Qvalue
17) trans-1,2-Dichloroethene	2.96	96	5157	2.526 ug/L	92
20) cis-1,2-Dichloroethene	4.20	96	16771	7.202 ug/L	94

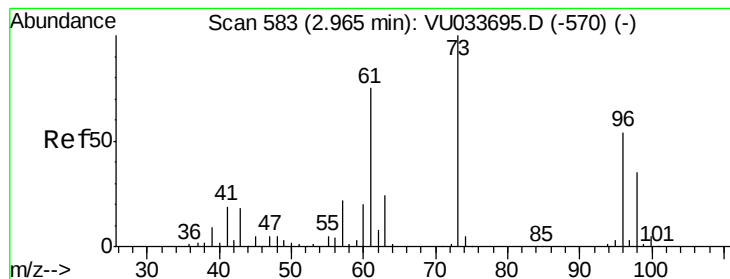
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.526 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033714.D

Acq: 10 Aug 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

F2B28

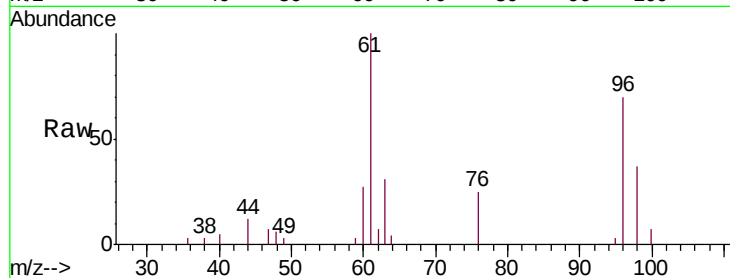
Tgt Ion: 96 Resp: 5157

Ion Ratio Lower Upper

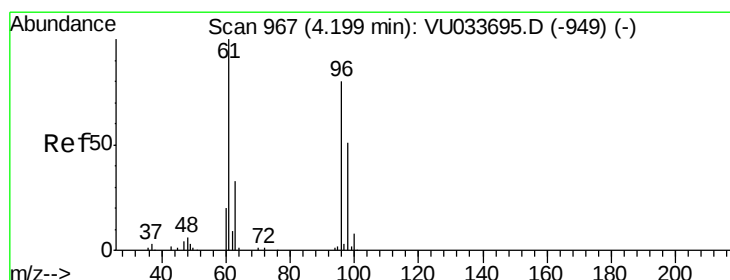
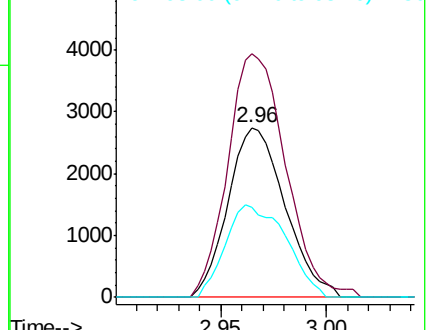
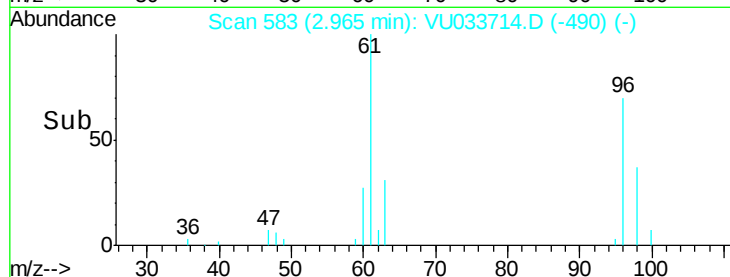
96 100

61 143.6 95.6 177.6

98 53.1 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU033714.D (-490) (-)



#20

cis-1,2-Dichloroethene

Concen: 7.202 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033714.D

Acq: 10 Aug 2019 03:31

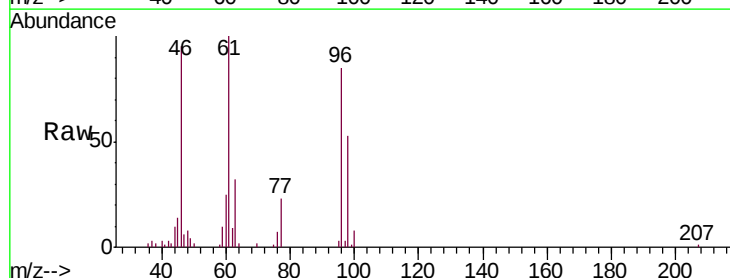
Tgt Ion: 96 Resp: 16771

Ion Ratio Lower Upper

96 100

61 117.1 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033714.D (-874) (-)

