

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033920.D
 Acq On : 22 Aug 2019 23:26
 Operator : JC/SP
 Sample : K4485-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B11

Quant Time: Aug 23 04:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	548796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	562571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	224618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	205537	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.67	69	177581	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.25	63	309609	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	4.15	46	480530	148.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.38%#
24) Chloroform-d	4.62	84	371666	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.28	65	253729	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.32	84	770278	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.31	67	259673	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.54	98	655905	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	7.83	79	103428	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.29	63	332971	154.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.41%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	380215	51.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	239814	52.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.64%

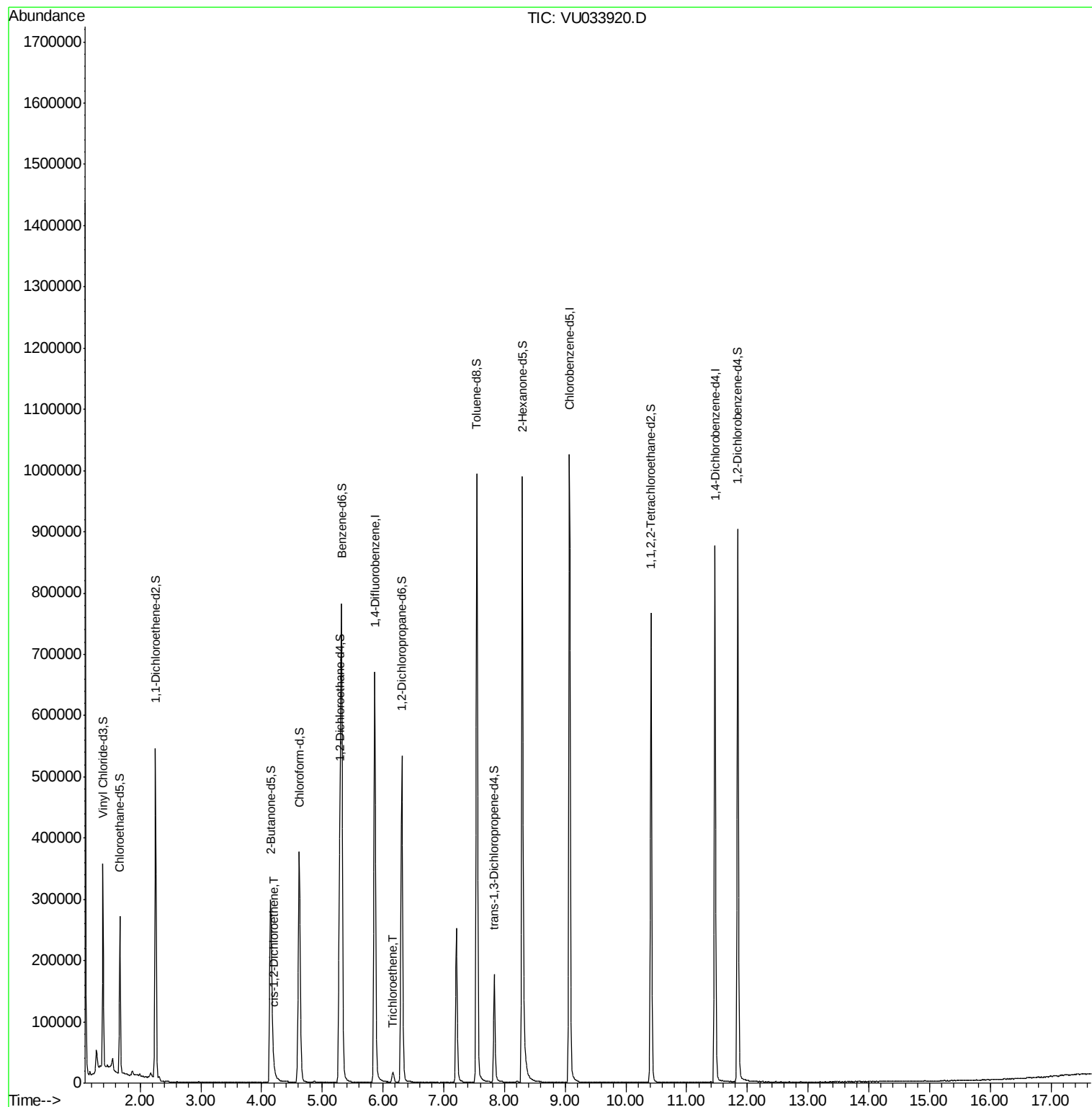
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	4333	0.990 ug/L	91
34) Trichloroethene	6.17	95	4263	0.966 ug/L	90

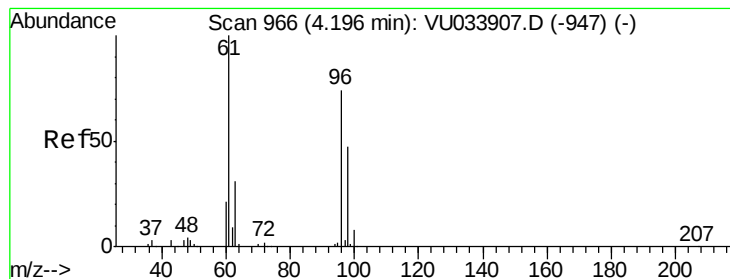
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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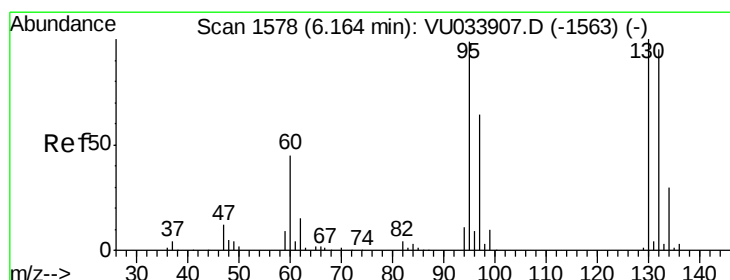
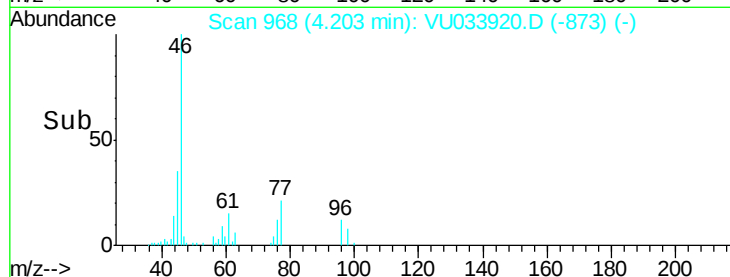
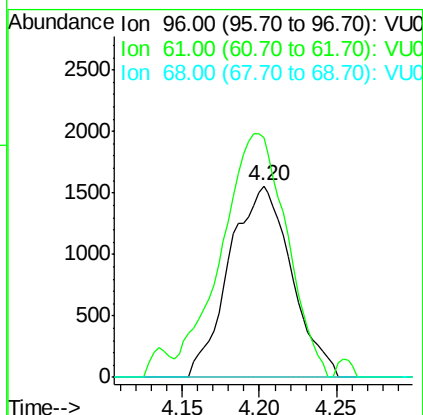
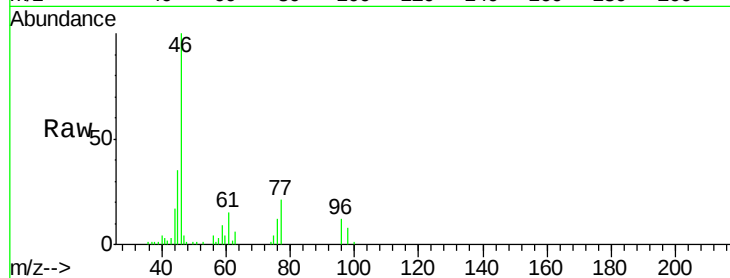


#20

cis-1,2-Dichloroethene
 Concen: 0.990 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU033920.D
 Acq: 22 Aug 2019 23:26

Instrument :
 MSVOA_U
 ClientSampled :
 F2B11

Tot Ion: 96 Resp: 4333
 Ion Ratio Lower Upper
 96 100
 61 125.1 95.5 177.4
 68 0.0 0.0 0.0



#34

Trichloroethene
 Concen: 0.966 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VU033920.D
 Acq: 22 Aug 2019 23:26

Tgt Ion: 95 Resp: 4263
 Ion Ratio Lower Upper
 95 100
 97 74.5 44.7 82.9
 132 103.2 65.7 122.1
 130 107.8 70.0 130.0

