

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033913.D
 Acq On : 22 Aug 2019 20:42
 Operator : JC/SP
 Sample : K4454-04DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B87DL

Quant Time: Aug 23 03:51:43 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	620016	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	619268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	263384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	195042	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.74%
7) Chloroethane-d5	1.67	69	175298	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.28%
11) 1,1-Dichloroethene-d2	2.25	63	292233	29.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
21) 2-Butanone-d5	4.15	46	363975	99.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	4.62	84	387519	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.28	65	262149	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.31	84	757191	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.31	67	261972	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.54	98	645326	40.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.83	79	104287	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
47) 2-Hexanone-d5	8.29	63	237040	99.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	374020	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.84	152	252054	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

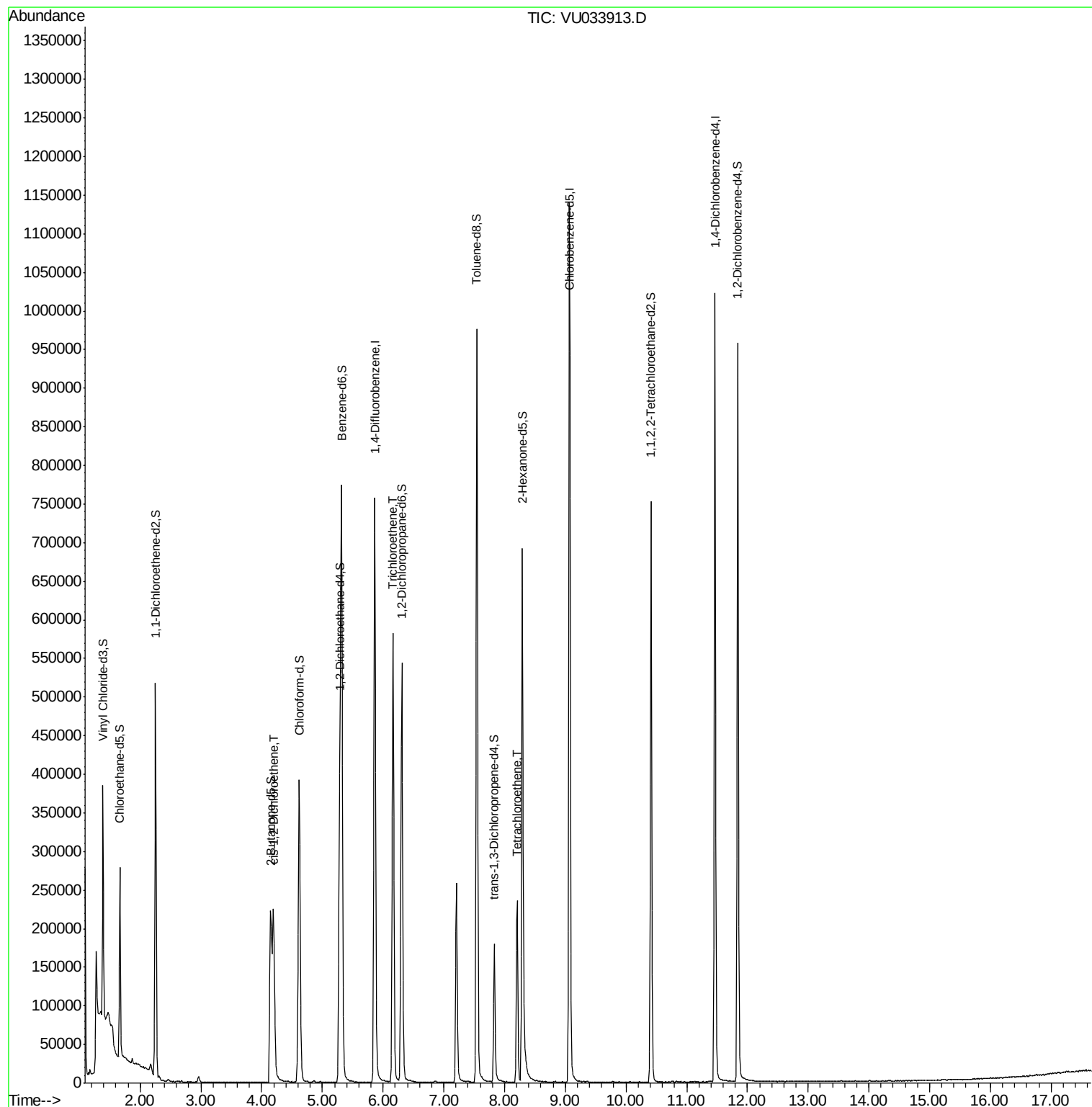
					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	110840	22.420 ug/L	99
34) Trichloroethene	6.16	95	198698	40.895 ug/L	99
46) Tetrachloroethene	8.21	164	52199	13.824 ug/L	97

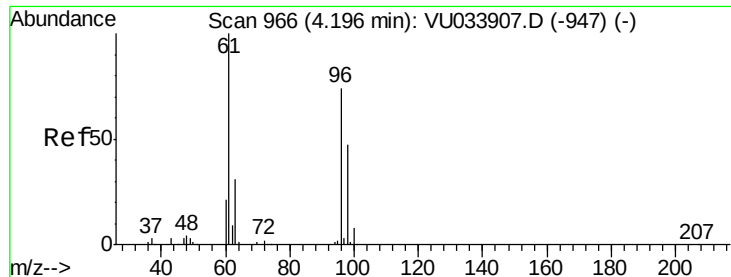
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 22.420 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

F2B87DL

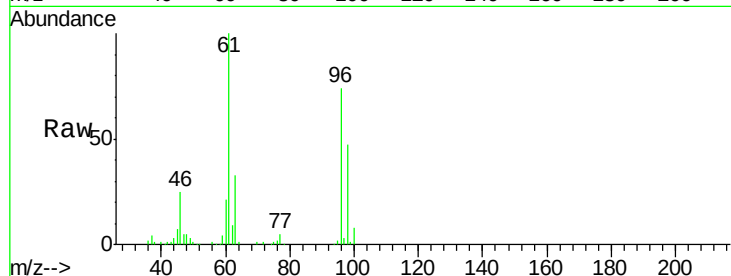
Tot Ion: 96 Resp: 110840

Ion Ratio Lower Upper

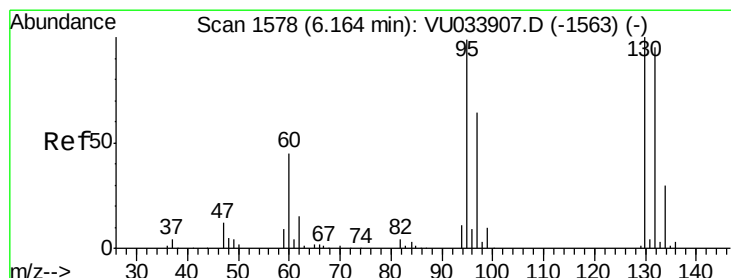
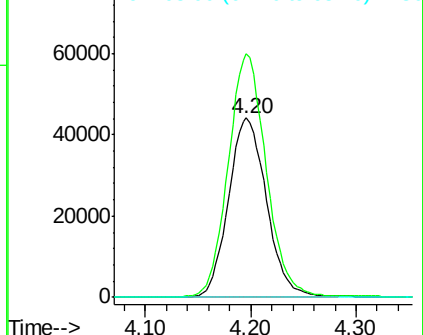
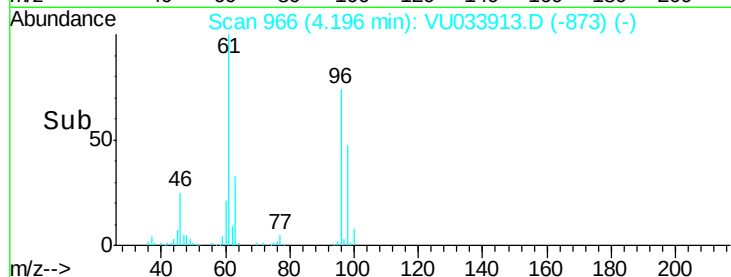
96 100

61 135.7 95.5 177.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033913.D (-873) (-)



#34

Trichloroethene

Concen: 40.895 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033913.D

Acq: 22 Aug 2019 20:42

Tgt Ion: 95 Resp: 198698

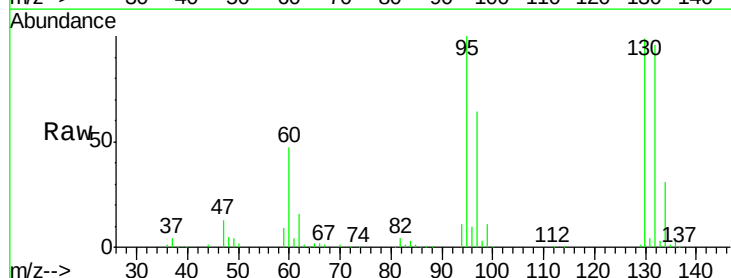
Ion Ratio Lower Upper

95 100

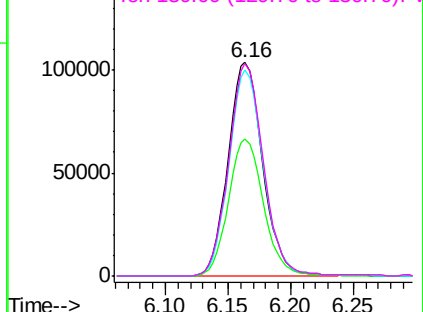
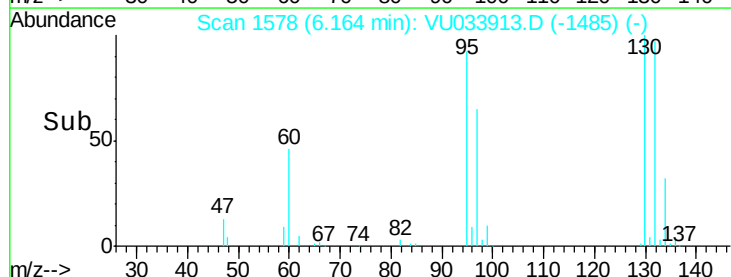
97 64.2 44.7 82.9

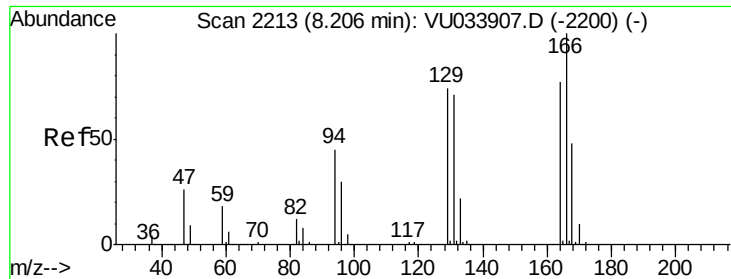
132 96.3 65.7 122.1

130 99.3 70.0 130.0



Abundance Ion 95.00 (94.70 to 95.70): VU033913.D (-1485) (-)





#46

Tetrachloroethene

Concen: 13.824 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 52199

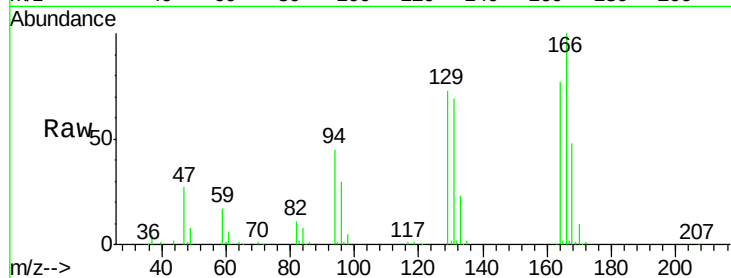
Ion Ratio Lower Upper

164 100

129 95.4 63.9 118.7

131 89.4 62.5 116.1

166 130.1 87.3 162.1



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

