

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033912.D
 Acq On : 22 Aug 2019 20:18
 Operator : JC/SP
 Sample : K4454-03DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B86DL

Quant Time: Aug 23 03:46:54 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	802530	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	792251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	356602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	245474	34.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.76%
7) Chloroethane-d5	1.67	69	222706	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.78%
11) 1,1-Dichloroethene-d2	2.25	63	375499	29.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.14	46	489348	103.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.33%
24) Chloroform-d	4.62	84	503440	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.28	65	339848	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.32	84	996012	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.31	67	346775	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.54	98	868873	42.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.44%
43) trans-1,3-Dichloropropene-	7.83	79	140196	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.20%
47) 2-Hexanone-d5	8.29	63	334036	109.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.99%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	499564	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.84	152	345667	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

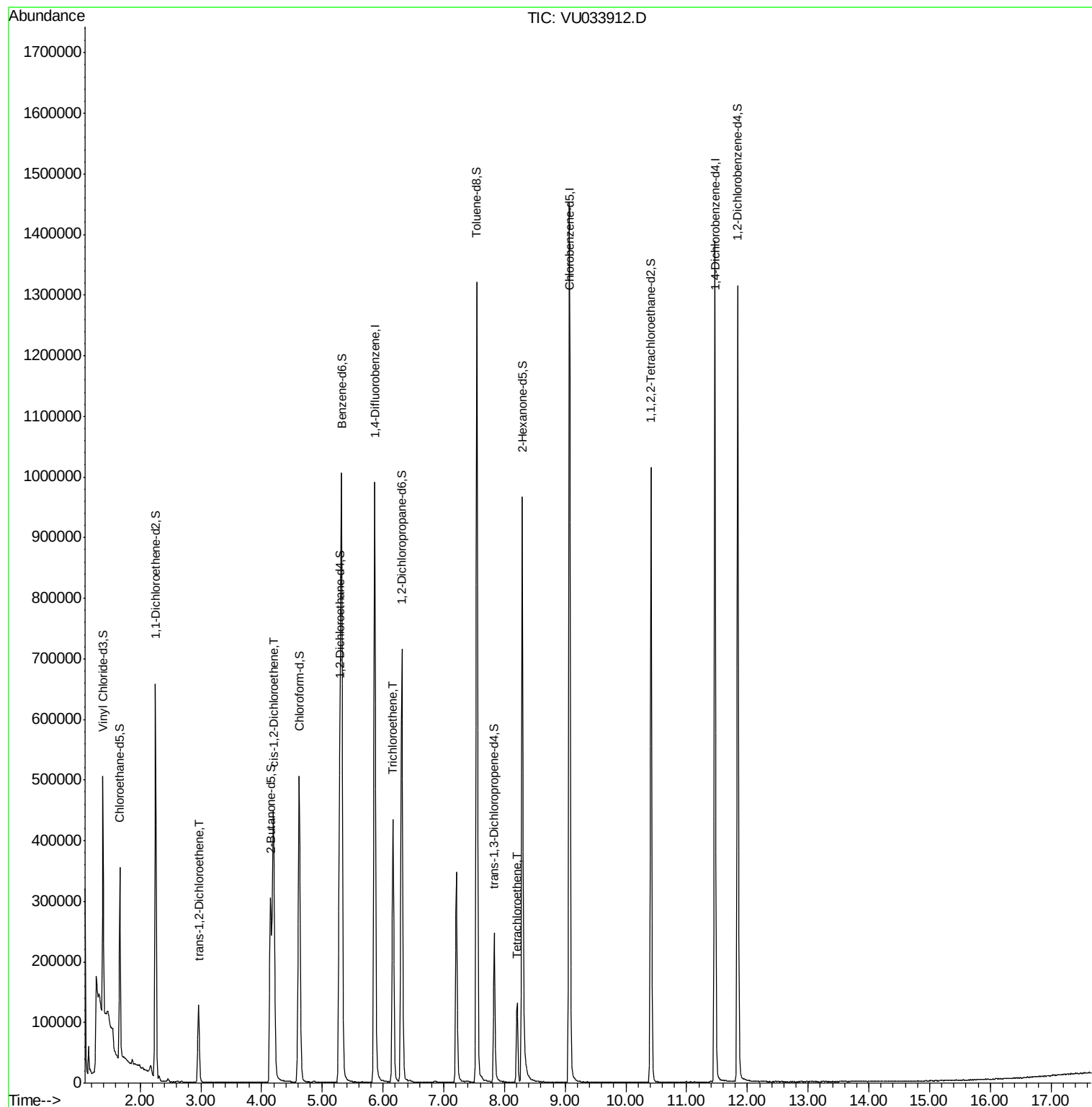
					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	49649	8.540 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	237950	37.184 ug/L	98
34) Trichloroethene	6.16	95	150543	24.219 ug/L	97
46) Tetrachloroethene	8.21	164	30323	6.277 ug/L	100

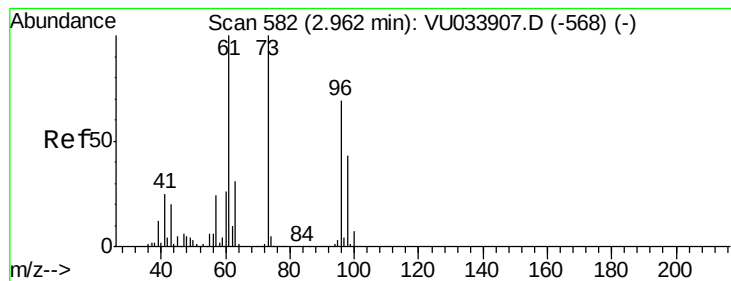
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 8.540 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033912.D

Acq: 22 Aug 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

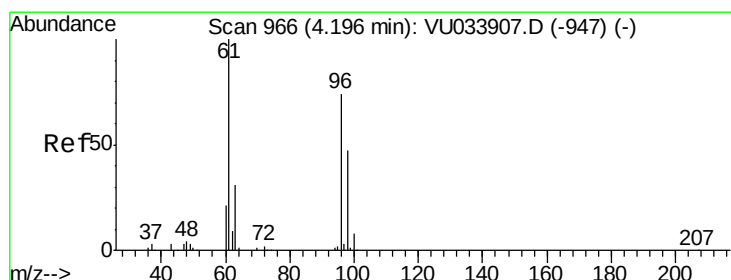
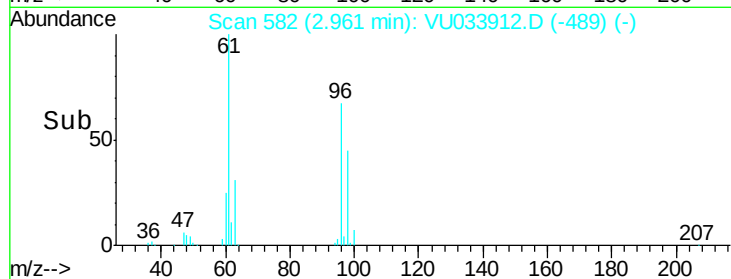
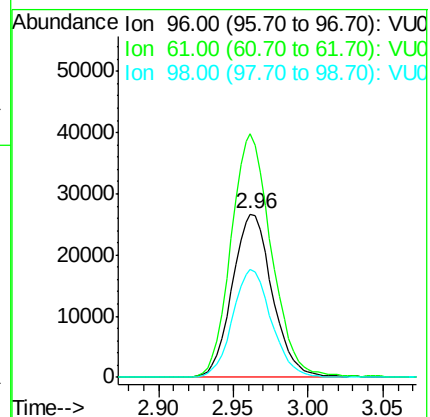
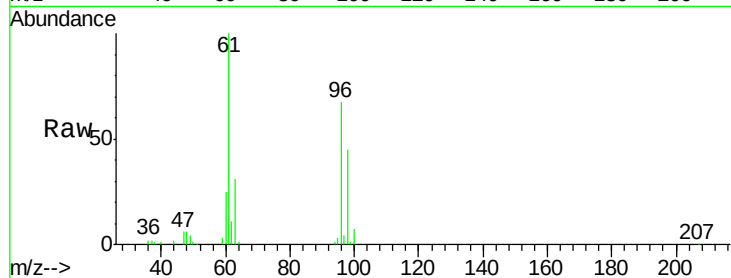
Tot Ion: 96 Resp: 49649

Ion Ratio Lower Upper

96 100

61 148.9 101.2 187.8

98 66.3 44.0 81.6



#20

cis-1,2-Dichloroethene

Concen: 37.184 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033912.D

Acq: 22 Aug 2019 20:18

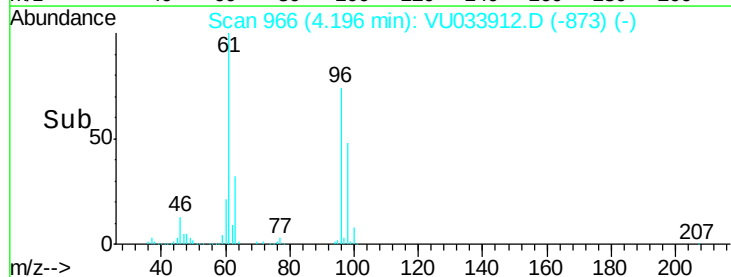
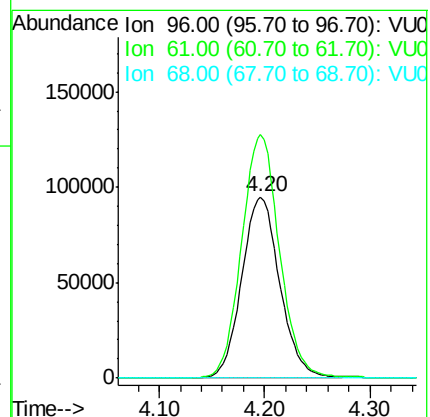
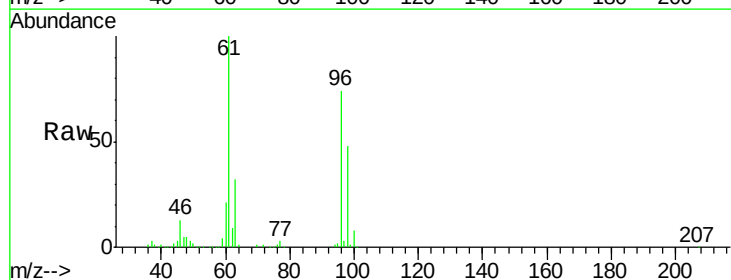
Tgt Ion: 96 Resp: 237950

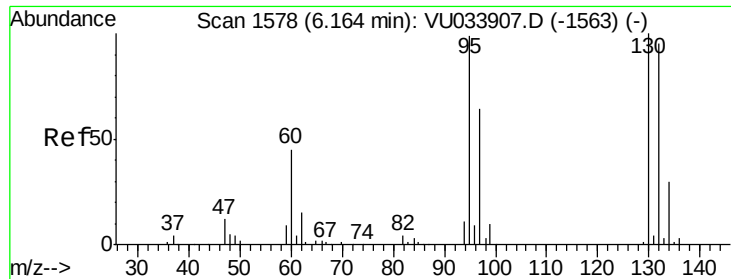
Ion Ratio Lower Upper

96 100

61 134.5 95.5 177.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 24.219 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033912.D

Acq: 22 Aug 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

Tot Ion: 95 Resp: 150543

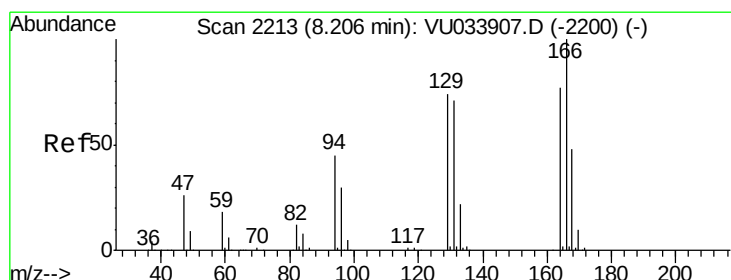
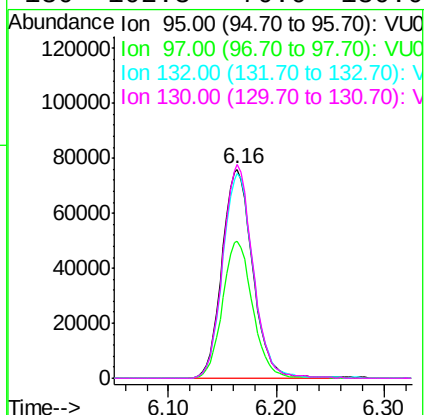
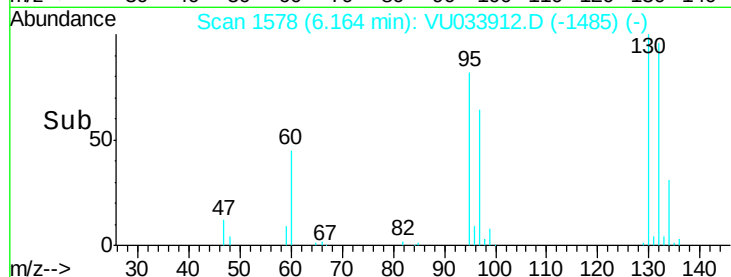
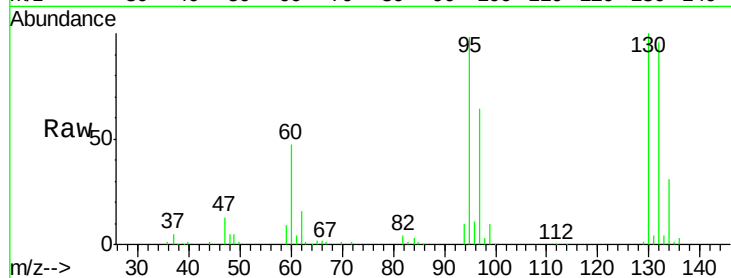
Ion Ratio Lower Upper

95 100

97 65.6 44.7 82.9

132 98.1 65.7 122.1

130 102.3 70.0 130.0



#46

Tetrachloroethene

Concen: 6.277 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033912.D

Acq: 22 Aug 2019 20:18

Tgt Ion: 164 Resp: 30323

Ion Ratio Lower Upper

164 100

129 90.9 63.9 118.7

131 89.5 62.5 116.1

166 124.0 87.3 162.1

