

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034703.D
 Acq On : 20 Sep 2019 21:13
 Operator : JC/SP
 Sample : K4948-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFCX5

Quant Time: Sep 21 05:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	476589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	449932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	197550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189773	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.80%
7) Chloroethane-d5	1.67	69	163663	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.26	63	263645	31.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.82%
21) 2-Butanone-d5	4.15	46	381028	101.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.62	84	331199	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.29	65	242036	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.32	84	661752	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.31	67	238666	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.54	98	613159	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.83	79	104542	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.29	63	244271	99.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	310002	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.84	152	201209	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

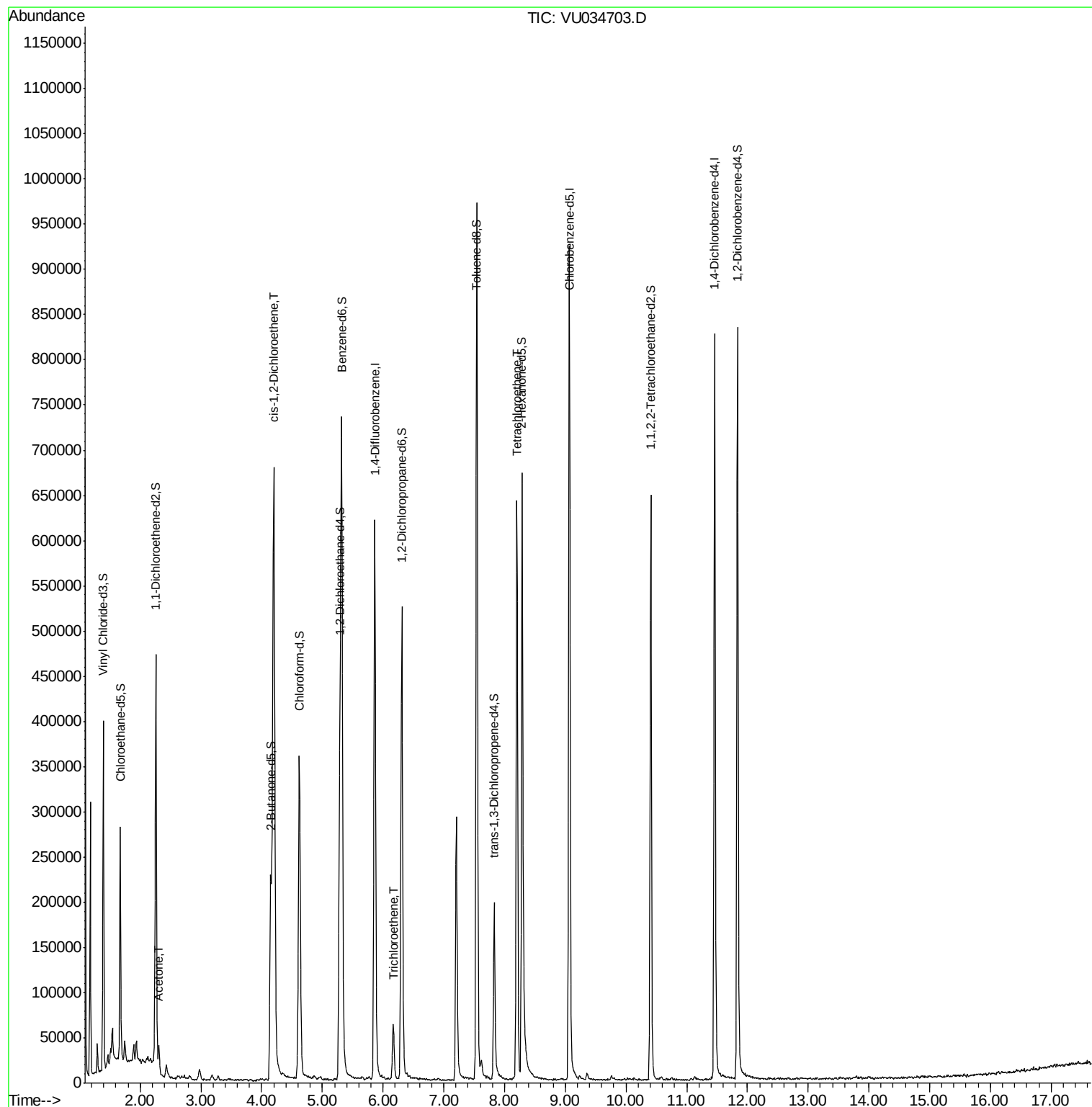
					Ovalue
13) Acetone	2.31	43	32722	7.523 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	330460	82.901 ug/L	99
34) Trichloroethene	6.17	95	20204	5.243 ug/L	96
46) Tetrachloroethene	8.21	164	127520	47.041 ug/L	93

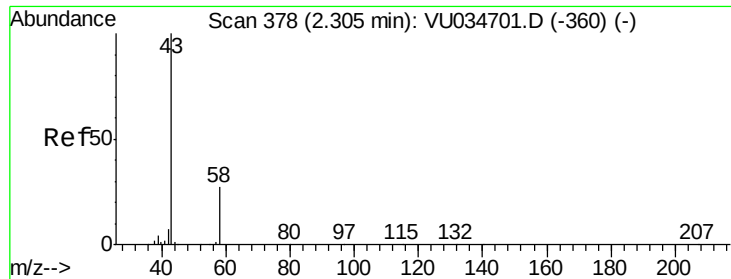
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.523 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

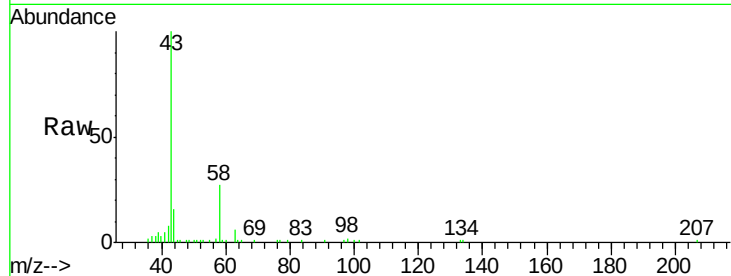
BFCX5

Tot Ion: 43 Resp: 32722

Ion Ratio Lower Upper

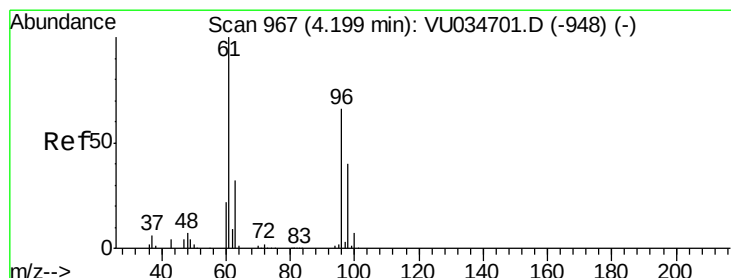
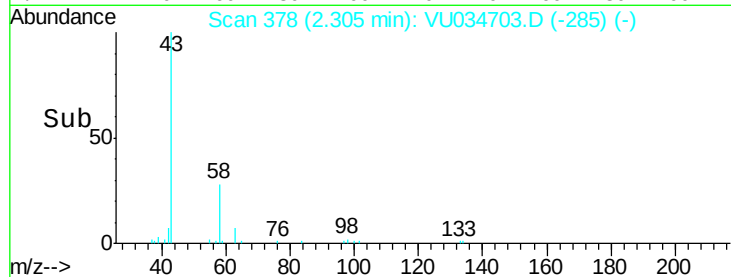
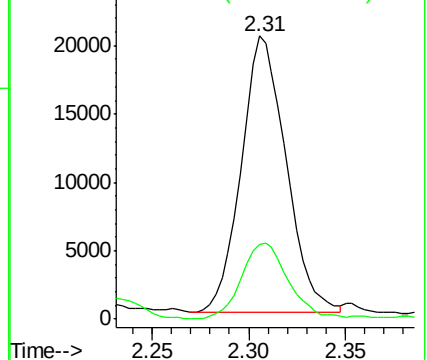
43 100

58 28.5 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 82.901 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

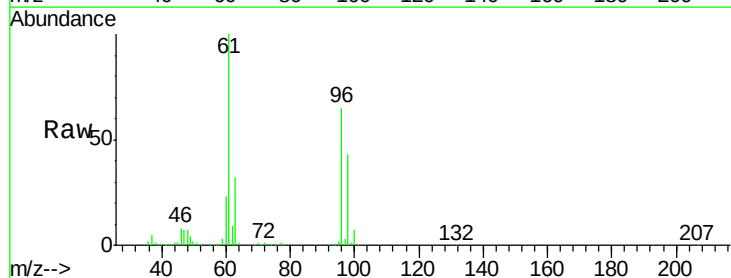
Tgt Ion: 96 Resp: 330460

Ion Ratio Lower Upper

96 100

61 153.7 108.8 202.2

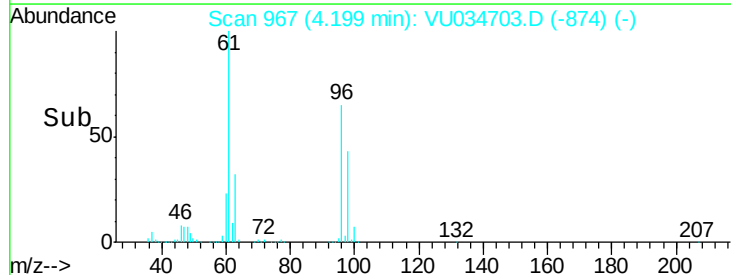
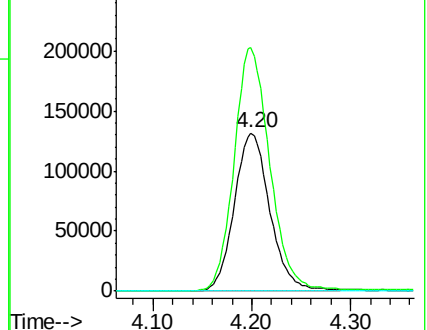
68 0.0 0.0 0.0

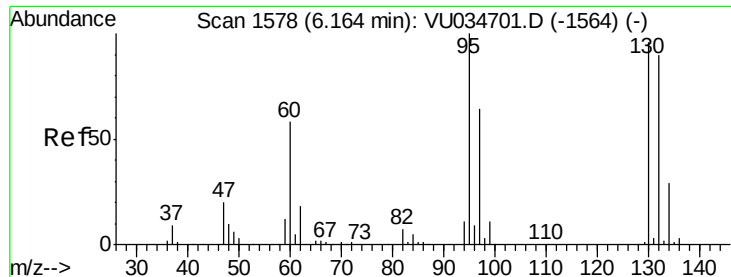


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 5.243 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

BFCX5

Tot Ion: 95 Resp: 20204

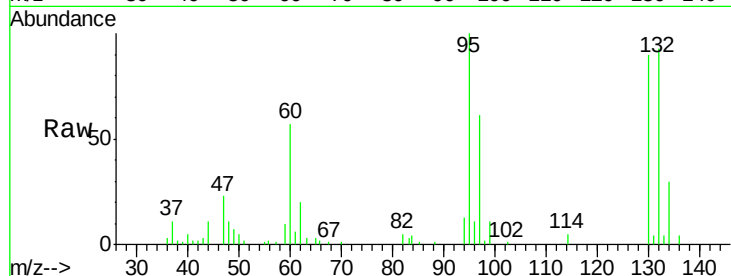
Ion Ratio Lower Upper

95 100

97 61.4 43.7 81.1

132 92.9 61.0 113.2

130 89.8 65.7 121.9

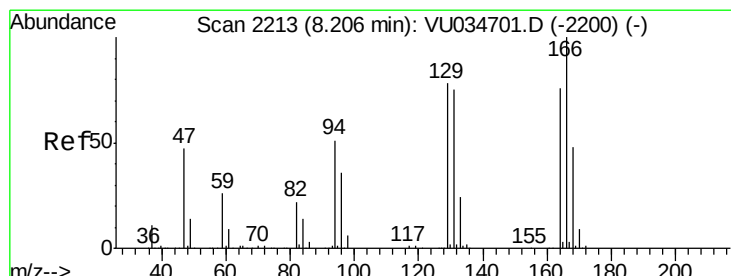
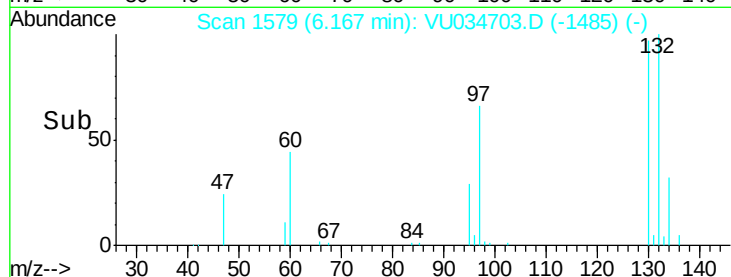
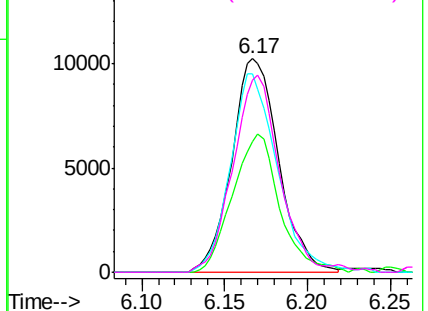


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 47.041 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Tgt Ion: 164 Resp: 127520

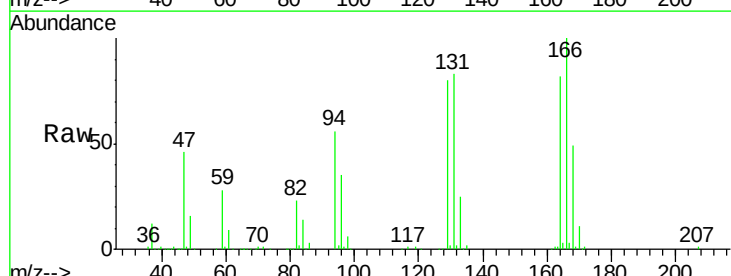
Ion Ratio Lower Upper

164 100

129 97.7 71.9 133.5

131 100.5 66.3 123.1

166 121.7 93.4 173.6



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

