

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031603.D
 Acq On : 29 Apr 2019 22:30
 Operator : JC/SP
 Sample : K2592-07 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ8

Quant Time: Apr 30 05:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625449	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	617219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	333325	63.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.36%
7) Chloroethane-d5	1.68	69	243541	60.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.42%
11) 1,1-Dichloroethene-d2	2.27	63	466636	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
21) 2-Butanone-d5	4.18	46	545335	114.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.98%
24) Chloroform-d	4.64	84	512534	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.30	65	354746	56.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.28%
32) Benzene-d6	5.34	84	1007389	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
36) 1,2-Dichloropropane-d6	6.32	67	359817	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.92%
41) Toluene-d8	7.56	98	820239	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%
43) trans-1,3-Dichloropropene-	7.85	79	137096	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.31	63	297799	103.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443137	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	243715	53.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.28%

Target Compounds

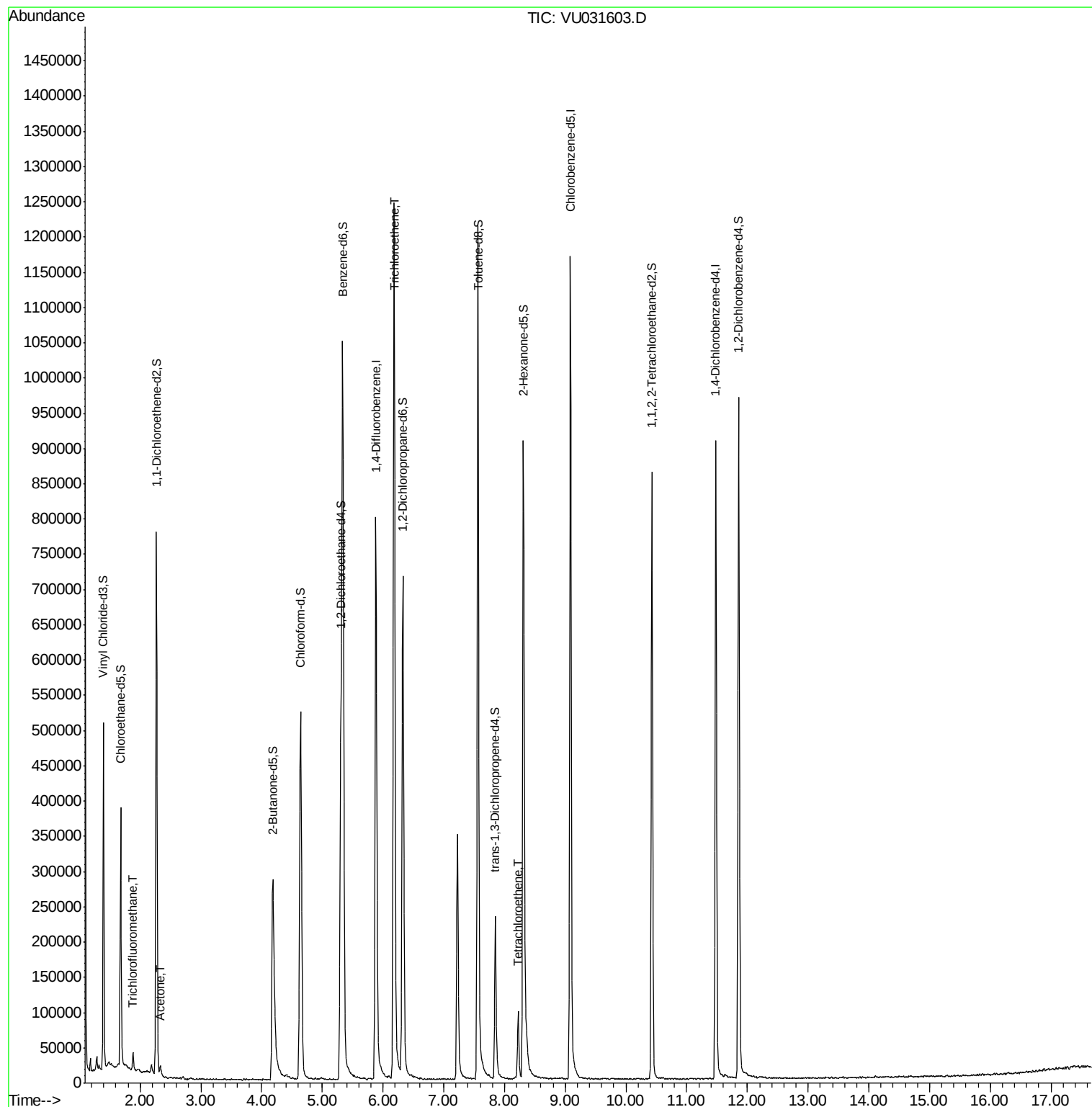
					Ovalue
9) Trichlorofluoromethane	1.88	101	7990	0.901 ug/L	94
13) Acetone	2.33	43	10568	1.978 ug/L	96
34) Trichloroethene	6.18	95	461156	83.835 ug/L	97
46) Tetrachloroethene	8.22	164	20088	5.357 ug/L	95

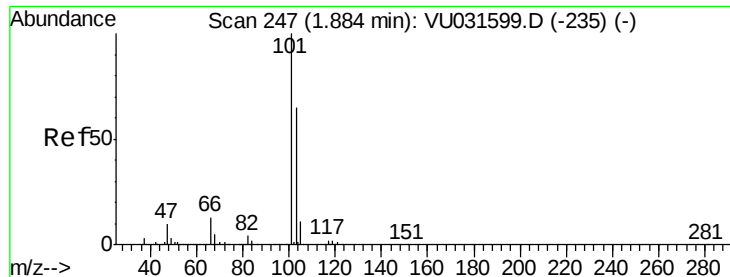
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.901 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

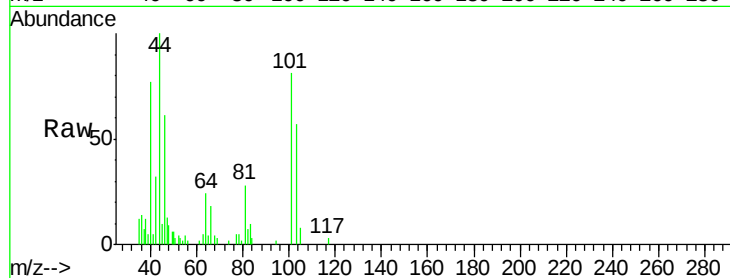
C0WZ8

Tot Ion:101 Resp: 7990

Ion Ratio Lower Upper

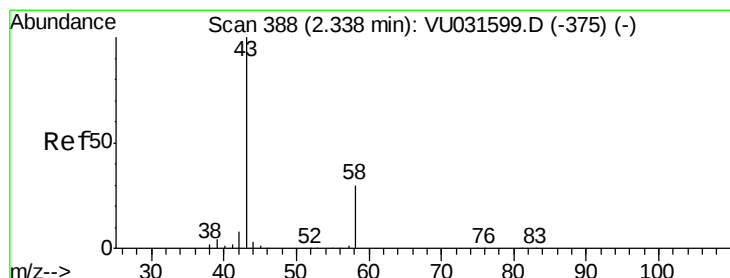
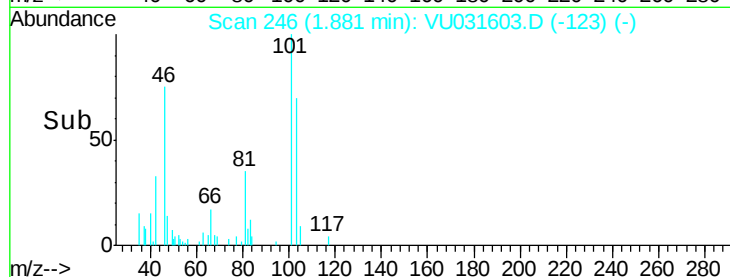
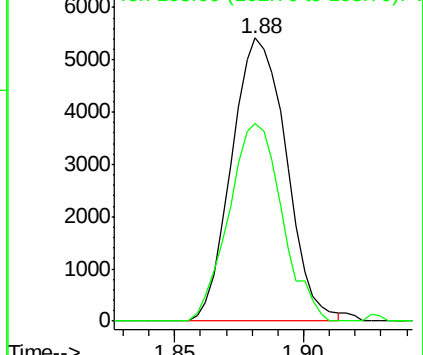
101 100

103 67.9 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.978 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

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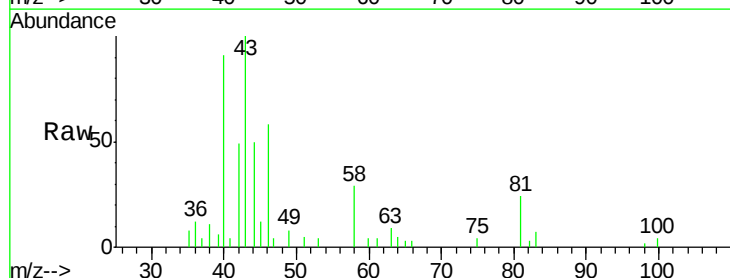
Acq: 29 Apr 2019 22:30

Tgt Ion: 43 Resp: 10568

Ion Ratio Lower Upper

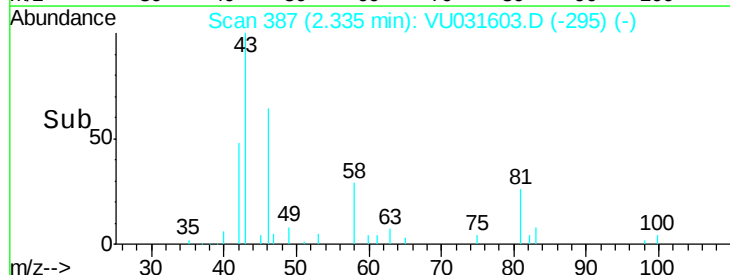
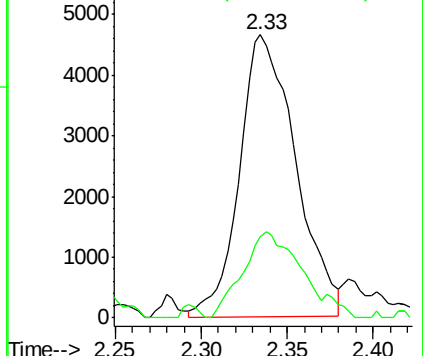
43 100

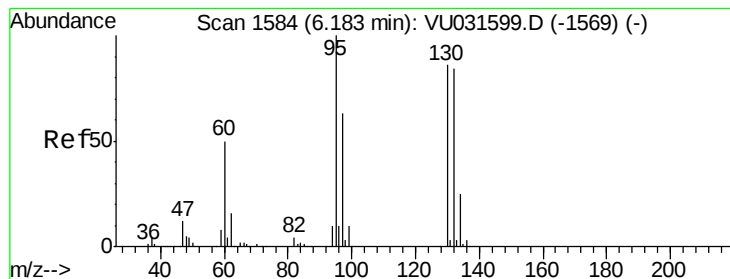
58 30.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 83.835 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031603.D

Acq: 29 Apr 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

C0WZ8

Tot Ion: 95 Resp: 461156

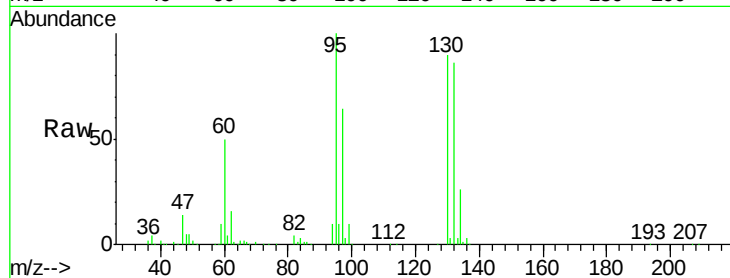
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 86.3 63.1 117.1

130 90.4 66.5 123.5

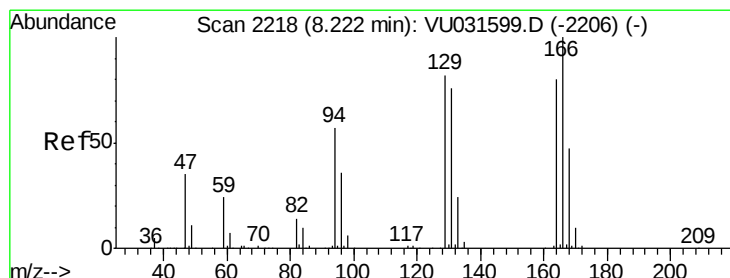
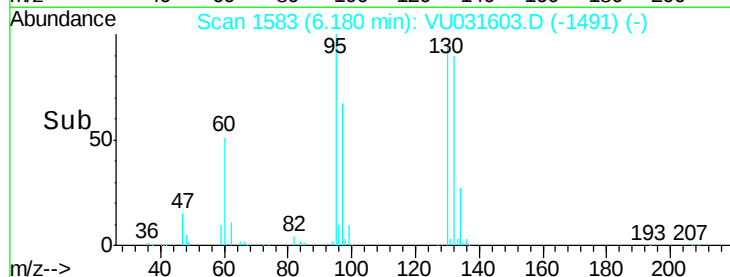
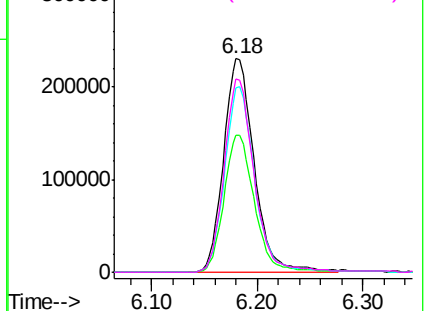


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.357 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031603.D

Acq: 29 Apr 2019 22:30

Tgt Ion:164 Resp: 20088

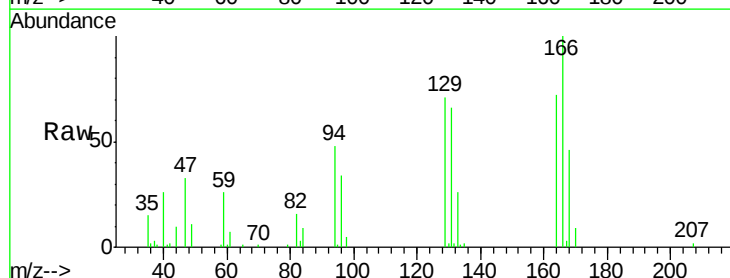
Ion Ratio Lower Upper

164 100

129 99.3 71.5 132.9

131 91.7 69.0 128.2

166 139.1 93.7 173.9



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

