

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031234.D
 Acq On : 17 Apr 2019 00:38
 Operator : JC/SP
 Sample : K2339-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Quant Time: Apr 17 05:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	206038	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.72%
7) Chloroethane-d5	1.68	69	170199	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.46%
11) 1,1-Dichloroethene-d2	2.27	63	293125	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.19	46	295212	86.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.29%
24) Chloroform-d	4.64	84	324477	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	214175	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
32) Benzene-d6	5.34	84	659095	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.33	67	223555	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.56%
41) Toluene-d8	7.56	98	574831	41.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.98%
43) trans-1,3-Dichloropropene-	7.85	79	94306	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
47) 2-Hexanone-d5	8.31	63	199490	83.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295731	42.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	201546	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%

Target Compounds

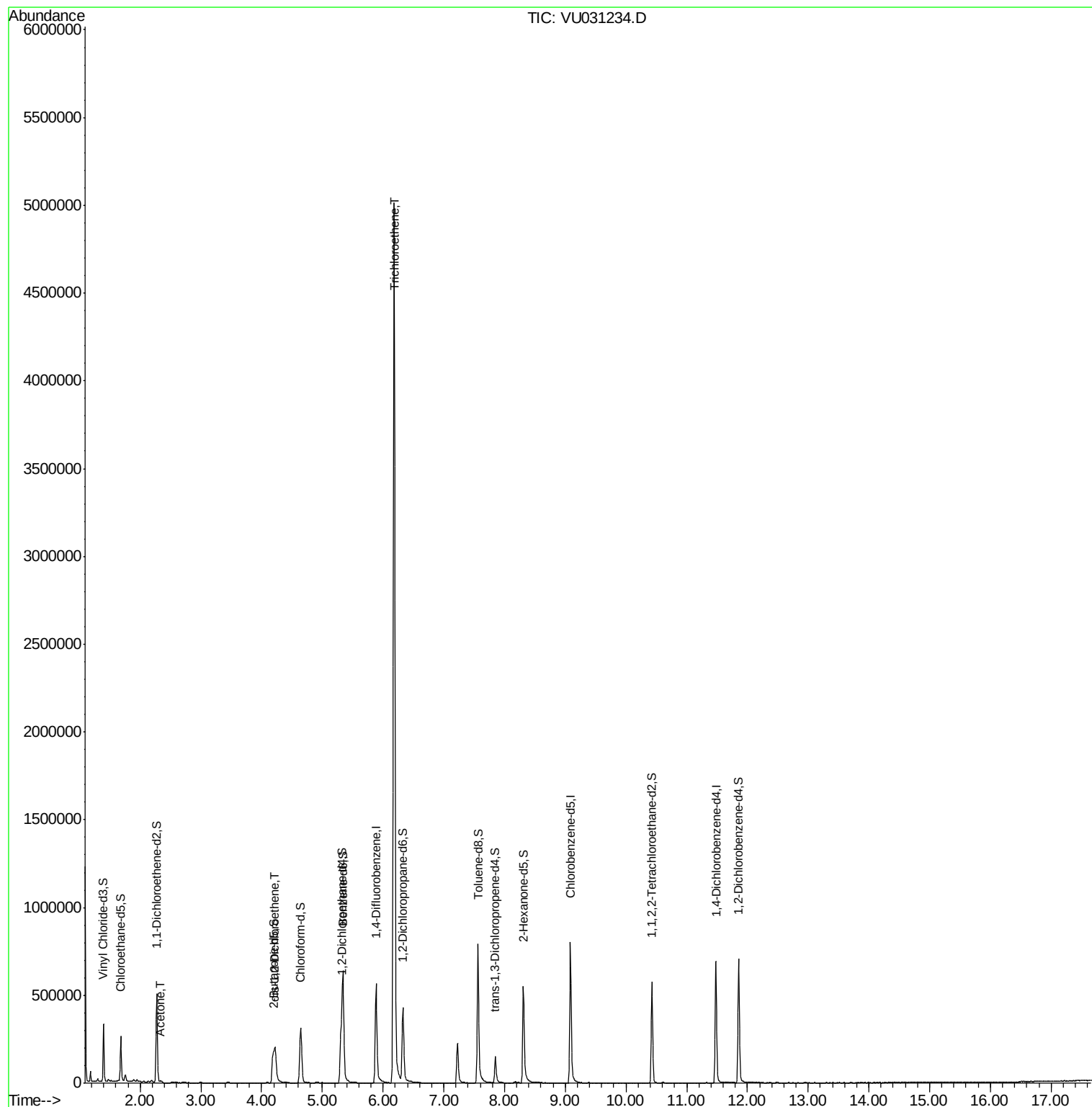
					Ovalue
13) Acetone	2.34	43	9323	3.541 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	90103	21.315 ug/L	95
34) Trichloroethene	6.18	95	1824638	440.620 ug/L	97

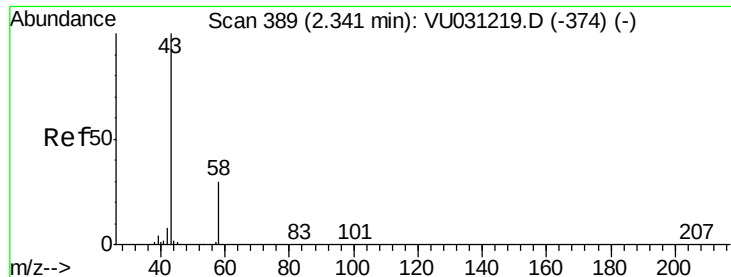
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.541 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

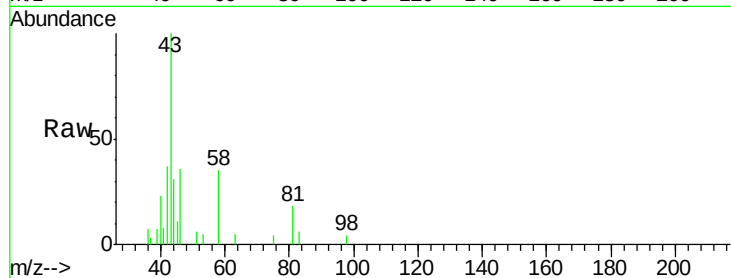
BFC37

Tot Ion: 43 Resp: 9323

Ion Ratio Lower Upper

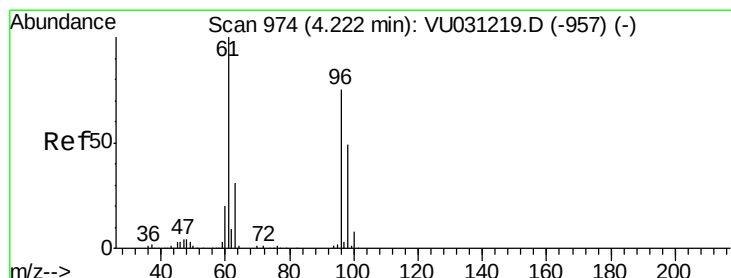
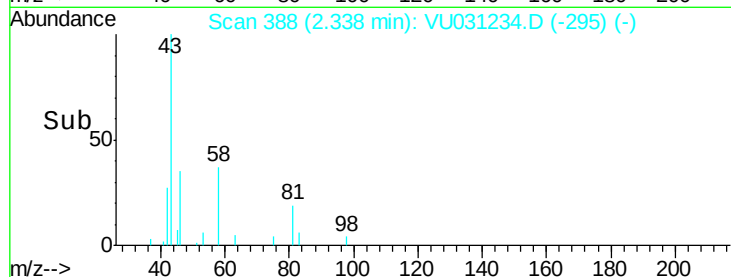
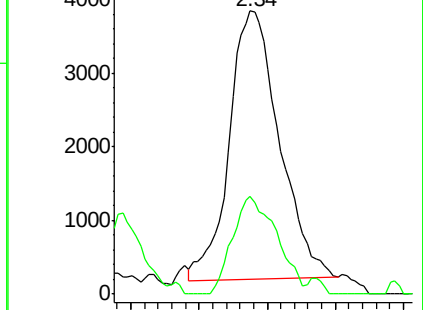
43 100

58 32.0 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)



#20

cis-1,2-Dichloroethene

Concen: 21.315 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

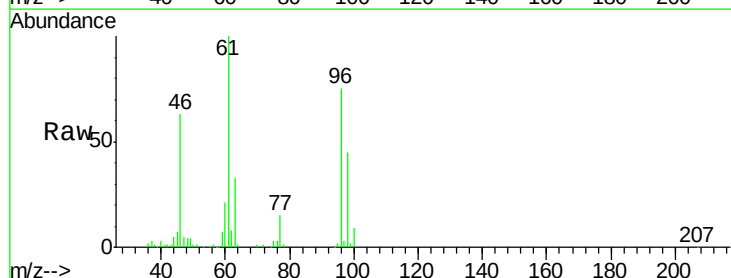
Tgt Ion: 96 Resp: 90103

Ion Ratio Lower Upper

96 100

61 134.2 98.2 182.4

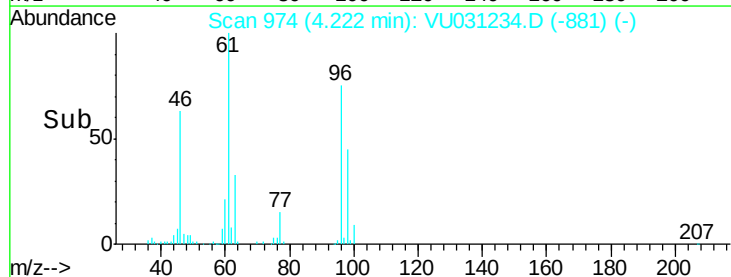
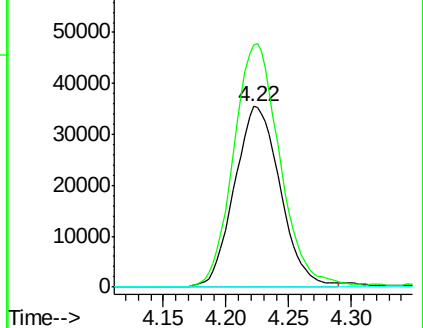
68 0.0 0.0 0.0

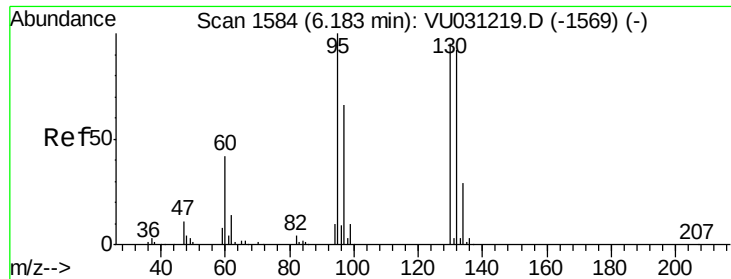


Abundance Ion 96.00 (95.70 to 96.70): VU031219.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU031219.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU031219.D (-957) (-)





#34

Trichloroethene

Concen: 440.620 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031234.D

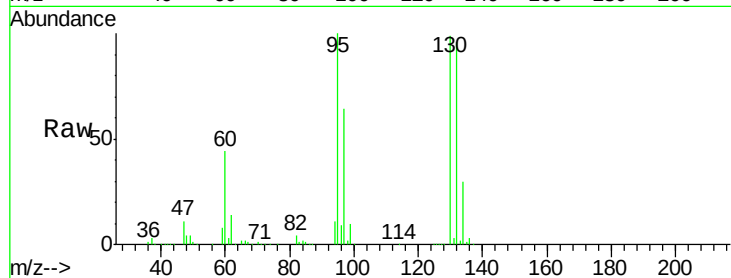
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Tot Ion: 95 Resp: 1824638

Ion Ratio Lower Upper

95 100

97 63.8 43.6 81.0

132 95.7 64.5 119.7

130 99.4 68.0 126.2

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

