

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022620\
 Data File : VU036919.D
 Acq On : 26 Feb 2020 16:49
 Operator : JC/MD
 Sample : L1687-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS3

Quant Time: Feb 27 05:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 04:47:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248527	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88585	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.93	69	79944	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.58%
11) 1,1-Dichloroethene-d2	2.59	63	114866	32.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.74%
21) 2-Butanone-d5	4.67	46	147757	105.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.54%
24) Chloroform-d	5.11	84	150802	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.74	65	104770	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
32) Benzene-d6	5.76	84	324423	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	6.73	67	107631	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.93	98	294091	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%
43) trans-1,3-Dichloropropene-	8.20	79	45501	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.66	63	104820	98.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150831	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	12.21	152	88469	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%

Target Compounds

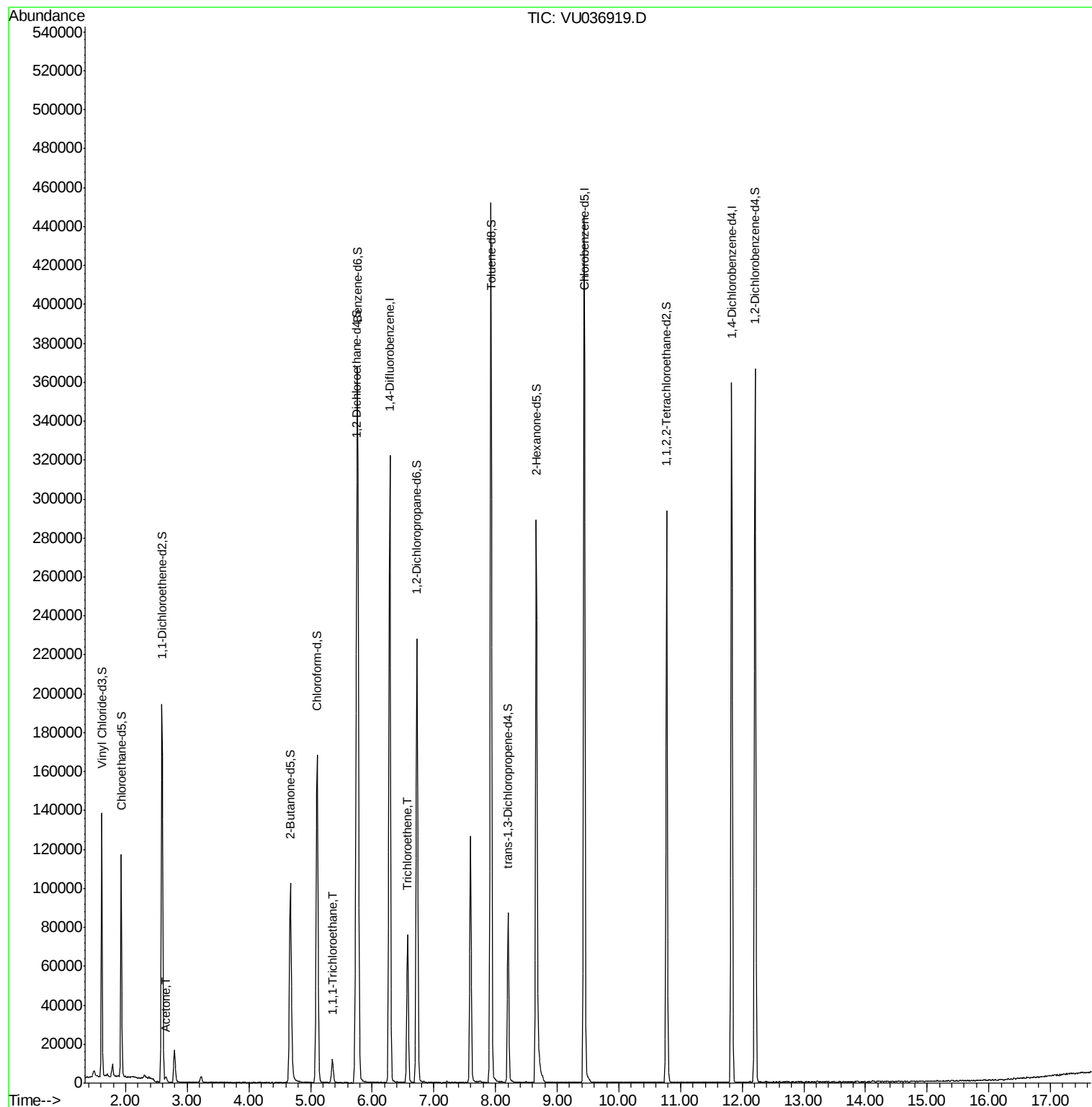
					Ovalue
13) Acetone	2.66	43	2877	1.998 ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	7955	3.191 ug/L	94
34) Trichloroethene	6.57	95	24770	13.722 ug/L	96

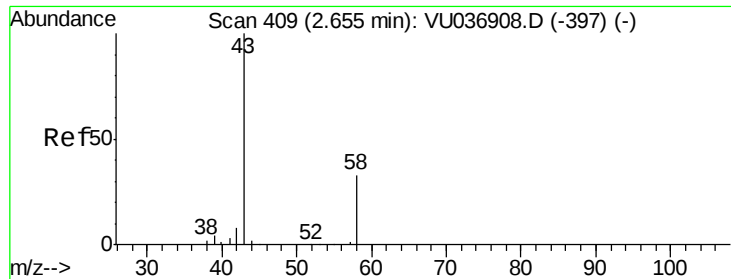
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.998 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036919.D

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Instrument :

MSVOA_U

ClientSampleId :

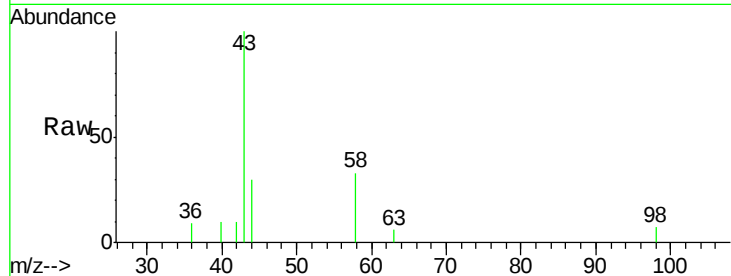
C0AS3

Tot Ion: 43 Resp: 2877

Ion Ratio Lower Upper

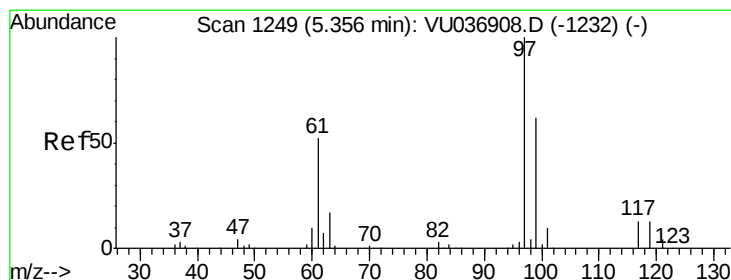
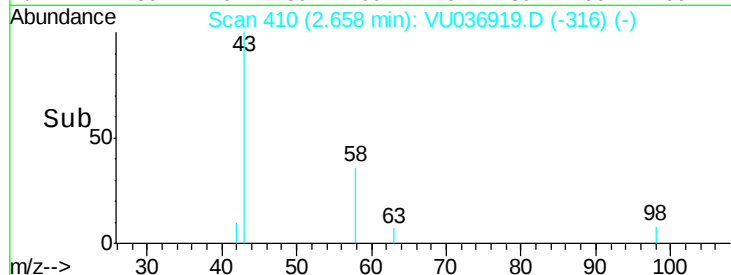
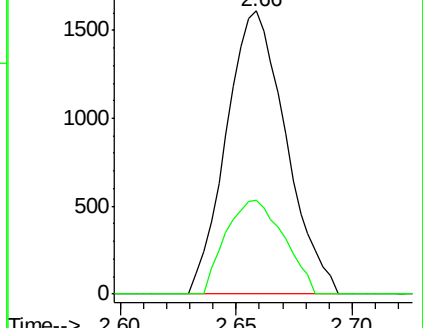
43 100

58 32.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036919.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036919.D (-316) (-)



#30

1,1,1-Trichloroethane

Concen: 3.191 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU036919.D

Acq: 26 Feb 2020 16:49

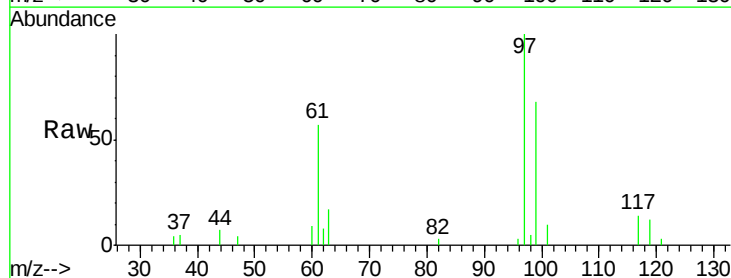
Tgt Ion: 97 Resp: 7955

Ion Ratio Lower Upper

97 100

99 66.0 50.4 75.6

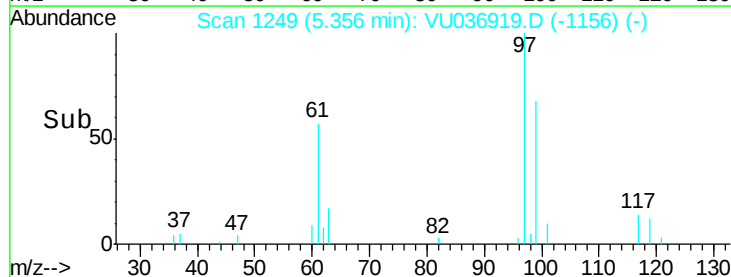
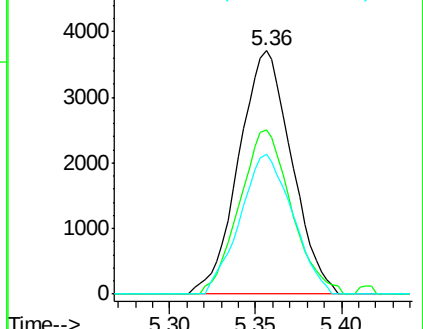
61 56.9 40.3 60.5

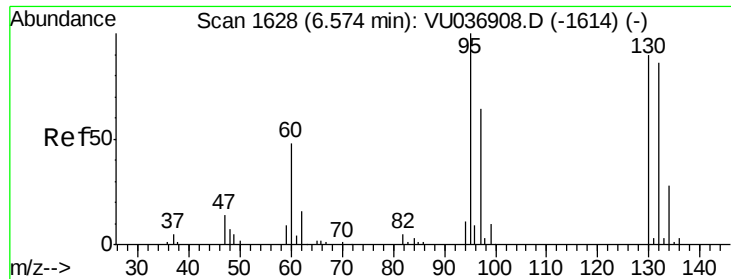


Abundance Ion 97.00 (96.70 to 97.70): VU036919.D (-1156) (-)

Ion 99.00 (98.70 to 99.70): VU036919.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU036919.D (-1156) (-)





#34
 Trichloroethene
 Concen: 13.722 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036919.D
 Acq: 26 Feb 2020 16:49

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Tot Ion:	95	Resp:	24770
Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.1	81.9
132	91.5	60.6	112.6
130	94.2	64.9	120.5

