

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022620\
 Data File : VU036926.D
 Acq On : 26 Feb 2020 19:29
 Operator : JC/MD
 Sample : L1687-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT4

Quant Time: Feb 27 06:36:35 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	246485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87017	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.93	69	80265	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.59	63	115140	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.67	46	142223	102.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	5.11	84	151067	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.74	65	104716	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.76	84	328115	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.72	67	108425	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.22%
41) Toluene-d8	7.93	98	292849	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	8.20	79	46559	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.66	63	108308	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153379	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	90437	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

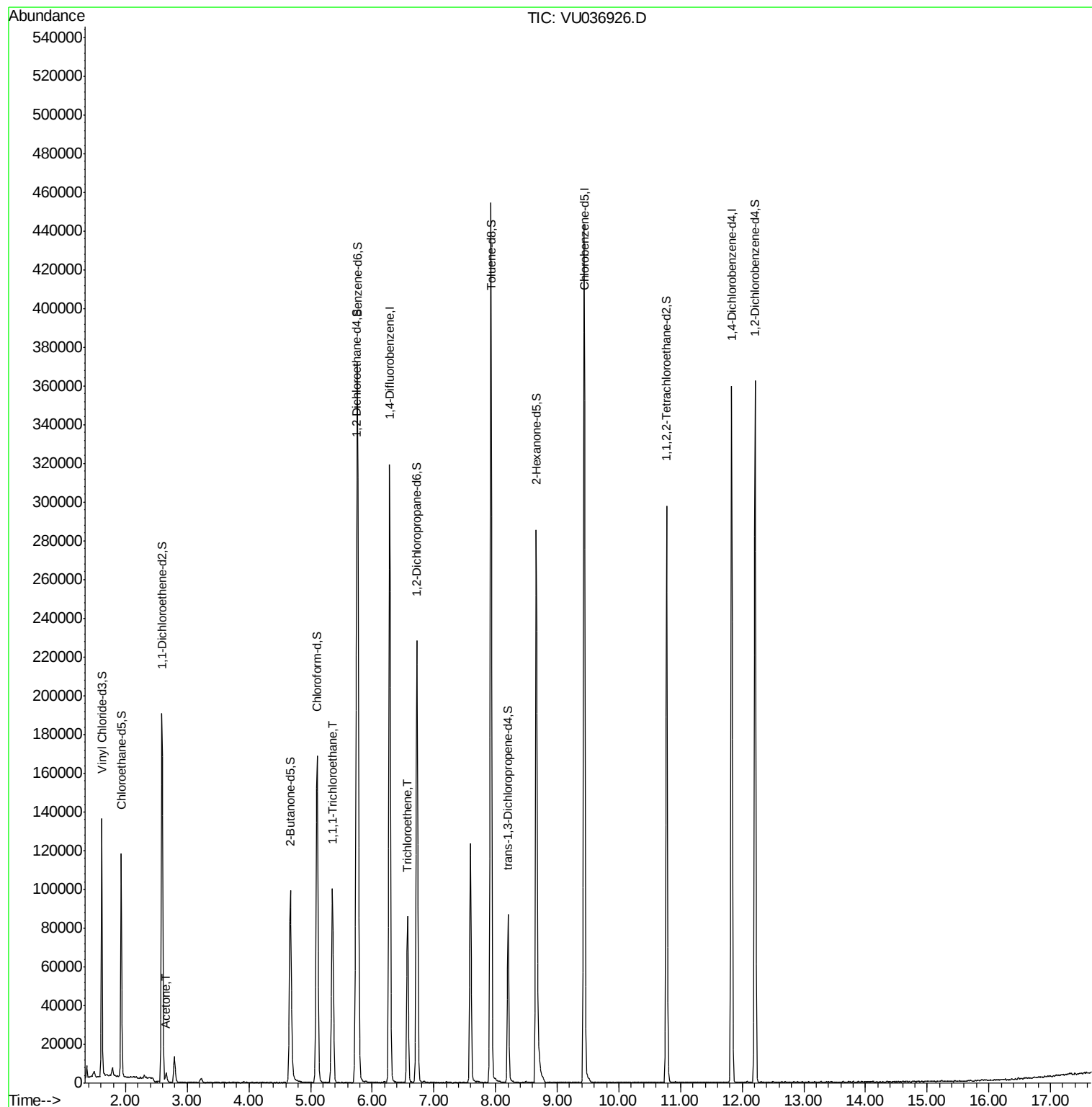
					Ovalue
13) Acetone	2.66	43	5203	3.643 ug/L	96
30) 1,1,1-Trichloroethane	5.36	97	68793	27.506 ug/L	99
34) Trichloroethene	6.57	95	29266	16.158 ug/L	97

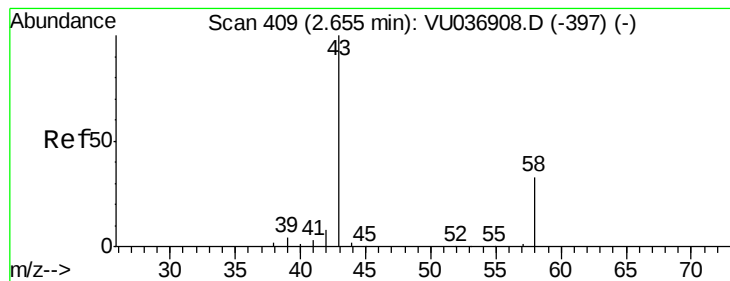
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.643 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Acq: 26 Feb 2020 19:29

Instrument :

MSVOA_U

ClientSampled :

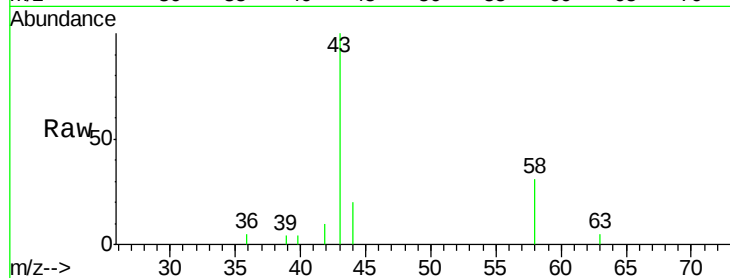
C0AT4

Tot Ion: 43 Resp: 5203

Ion Ratio Lower Upper

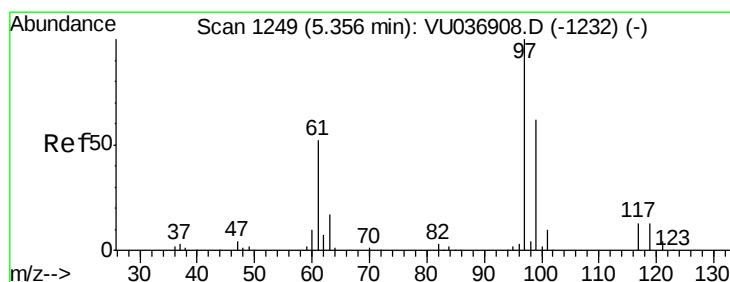
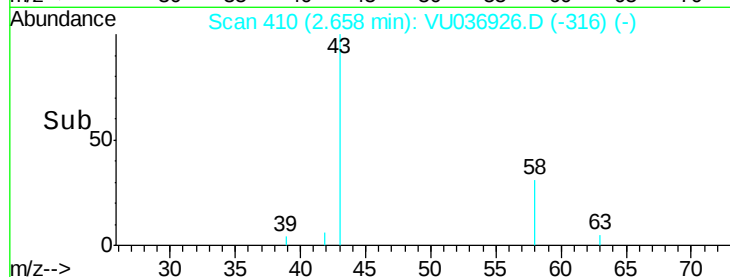
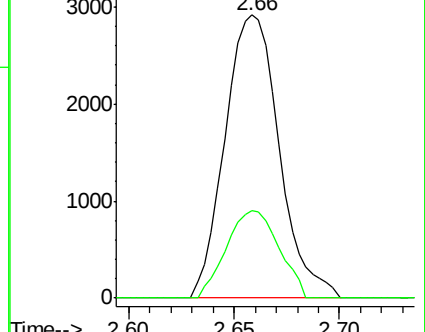
43 100

58 29.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036926.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU036926.D (-410) (-)



#30

1,1,1-Trichloroethane

Concen: 27.506 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU036926.D

Acq: 26 Feb 2020 19:29

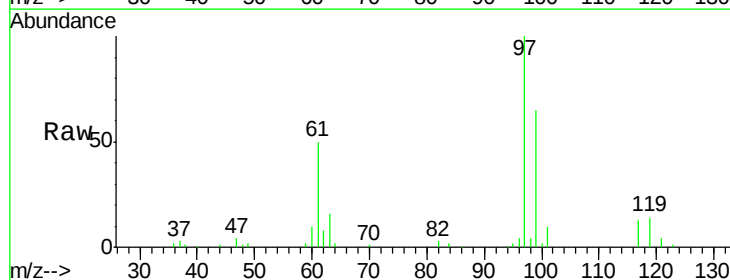
Tgt Ion: 97 Resp: 68793

Ion Ratio Lower Upper

97 100

99 64.5 50.4 75.6

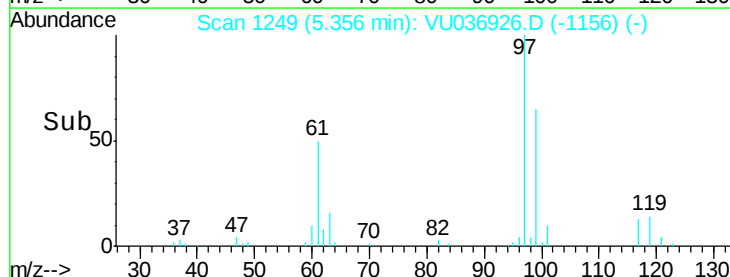
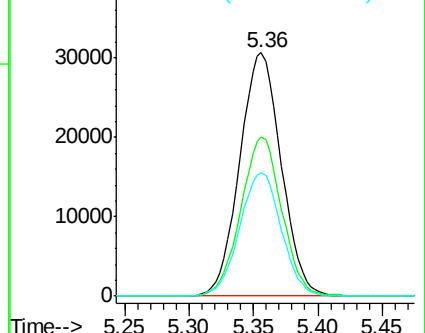
61 50.8 40.3 60.5

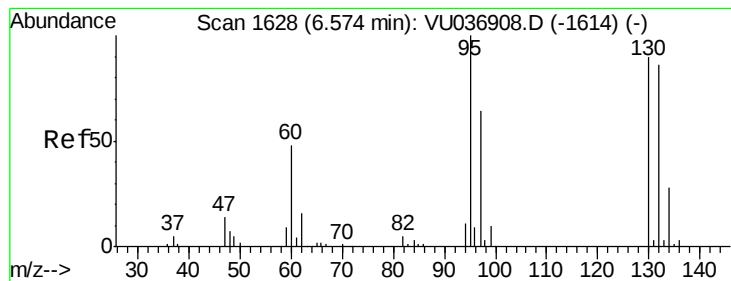


Abundance Ion 97.00 (96.70 to 97.70): VU036926.D (-1249) (-)

Ion 99.00 (98.70 to 99.70): VU036926.D (-1249) (-)

Ion 61.05 (60.75 to 61.75): VU036926.D (-1249) (-)





#34

Trichloroethene

Concen: 16.158 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

C0AT4

Tot Ion: 95 Resp: 29266

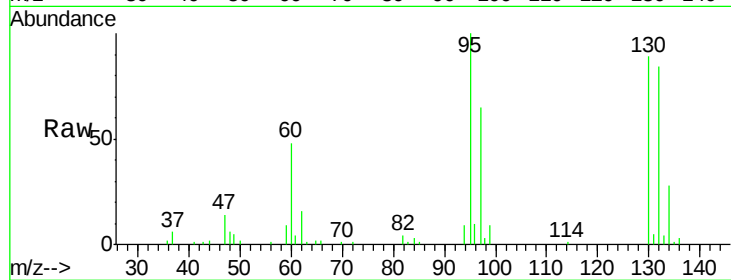
Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 84.0 60.6 112.6

130 88.6 64.9 120.5



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

