

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022620\
 Data File : VU036922.D
 Acq On : 26 Feb 2020 17:57
 Operator : JC/MD
 Sample : L1687-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT0

Quant Time: Feb 27 06:03:11 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	6.28	114	249677	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91128	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.92%
7) Chloroethane-d5	1.93	69	83621	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	116643	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.67	46	149183	106.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.07%
24) Chloroform-d	5.11	84	155011	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.74	65	107354	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.76	84	334308	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.72	67	112137	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.93	98	301160	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	46955	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.66	63	110561	102.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156265	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	91760	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

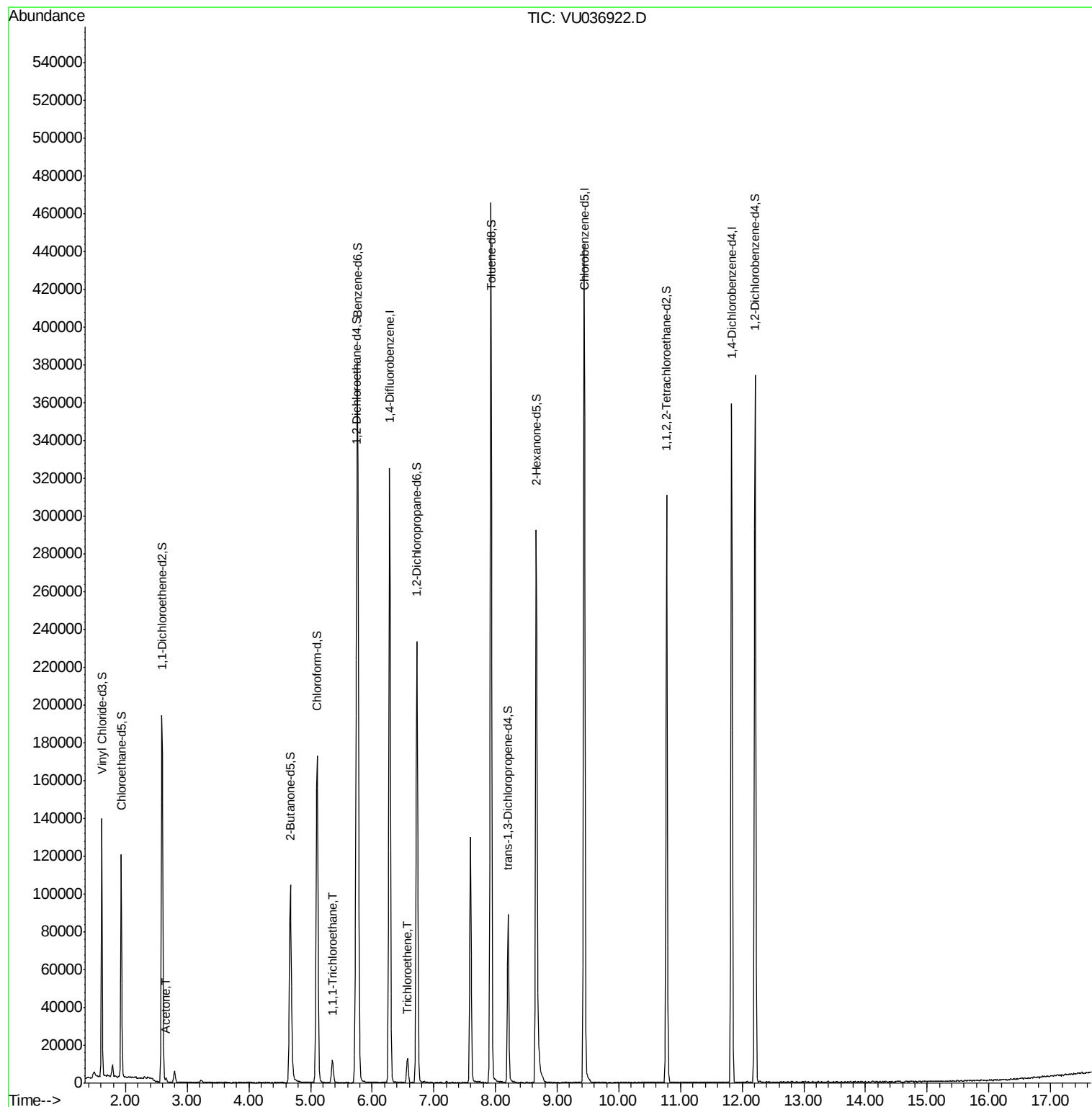
					Ovalue
13) Acetone	2.66	43	2341	1.618 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	8150	3.216 ug/L	93
34) Trichloroethene	6.57	95	4304	2.345 ug/L	97

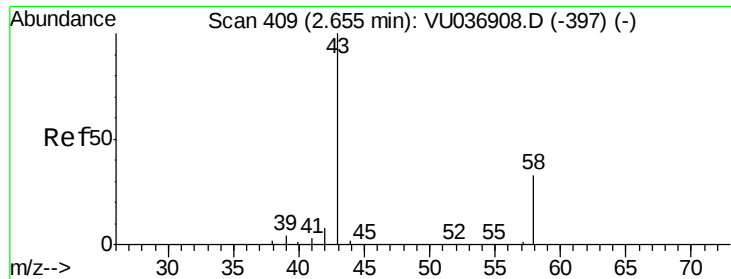
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.618 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036922.D

Acq: 26 Feb 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

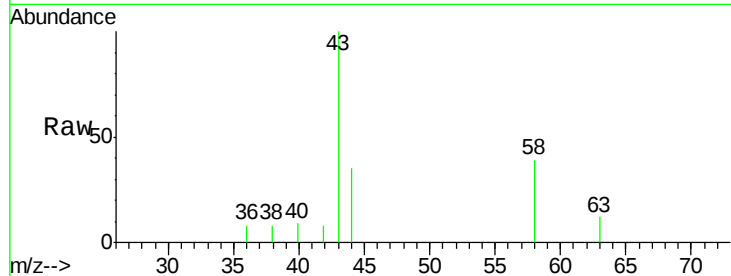
C0AT0

Tot Ion: 43 Resp: 2341

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036922.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036922.D (-316) (-)

2.66

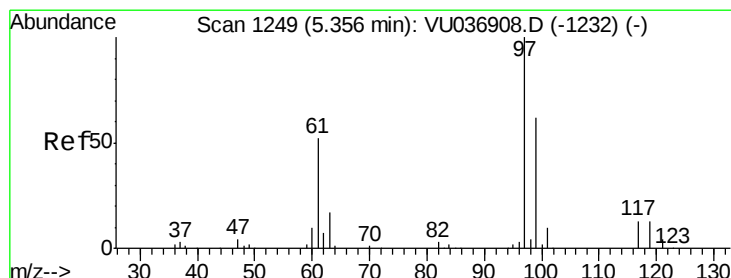
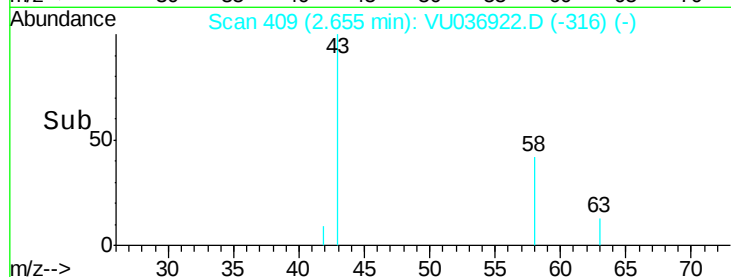
1500

1000

500

0

Time--> 2.60 2.65 2.70



#30

1,1,1-Trichloroethane

Concen: 3.216 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

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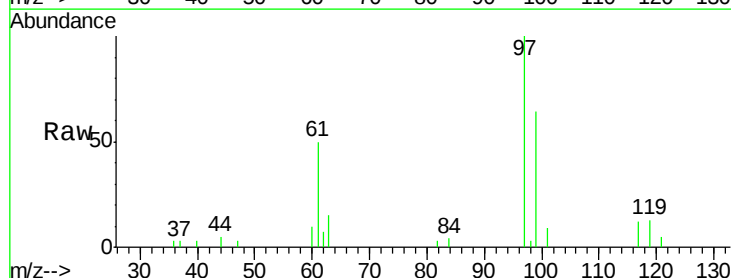
Tgt Ion: 97 Resp: 8150

Ion Ratio Lower Upper

97 100

99 70.3 50.4 75.6

61 52.7 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036922.D (-1156) (-)

Ion 99.00 (98.70 to 99.70): VU036922.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU036922.D (-1156) (-)

5.36

5000

4000

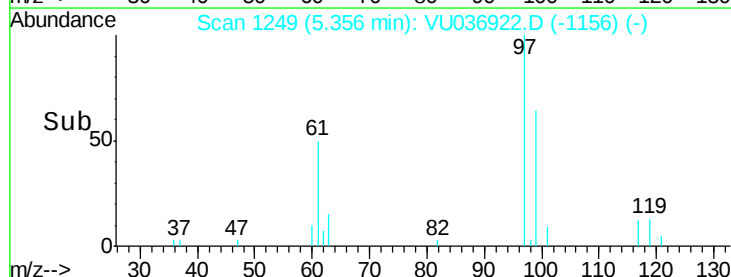
3000

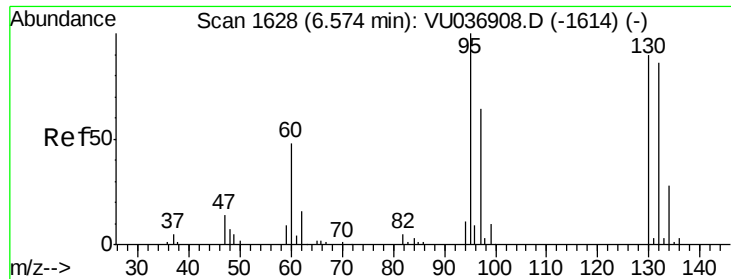
2000

1000

0

Time--> 5.30 5.35 5.40





#34
 Trichloroethene
 Concen: 2.345 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036922.D
 Acq: 26 Feb 2020 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT0

Tot Ion:	95	Resp:	4304
Ion	Ratio	Lower	Upper
95	100		
97	57.7	44.1	81.9
132	87.1	60.6	112.6
130	90.8	64.9	120.5

