

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036966.D
 Acq On : 28 Feb 2020 12:28
 Operator : JC/MD
 Sample : L1687-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT4

Quant Time: Feb 29 01:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 29 00:30:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87563	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.62%
7) Chloroethane-d5	1.93	69	80866	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.59	63	116349	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.67	46	140212	101.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.01%
24) Chloroform-d	5.11	84	154743	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.74	65	106511	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.76	84	336217	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.72	67	111525	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.93	98	302978	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%
43) trans-1,3-Dichloropropene-	8.20	79	46096	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.66	63	104597	97.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153802	49.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	91518	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

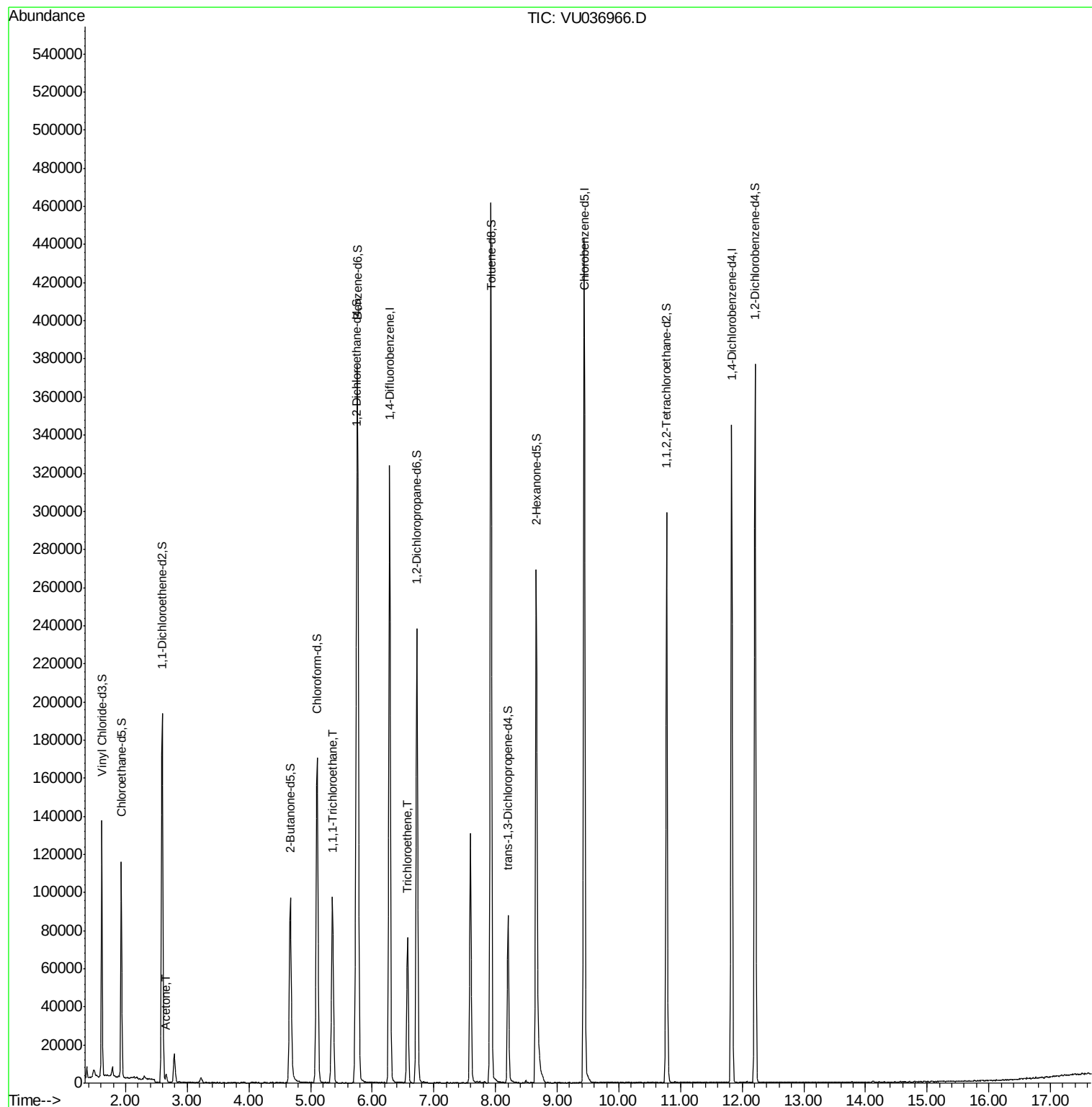
					Ovalue
13) Acetone	2.66	43	4873	3.413 ug/L	89
30) 1,1,1-Trichloroethane	5.36	97	67624	27.049 ug/L	99
34) Trichloroethene	6.57	95	25978	14.348 ug/L	100

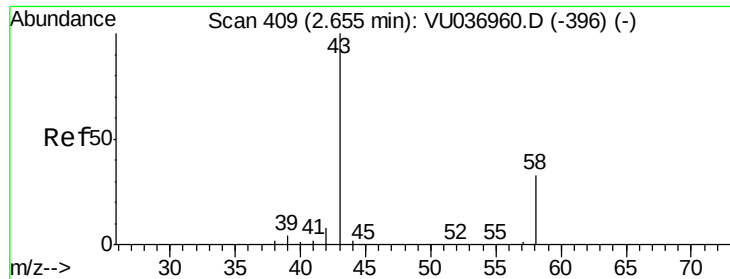
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.413 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

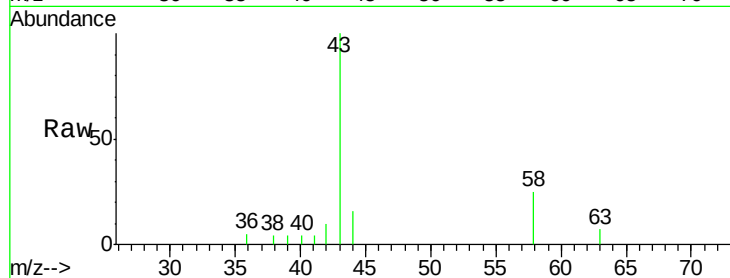
C0AT4

Tot Ion: 43 Resp: 4873

Ion Ratio Lower Upper

43 100

58 26.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036966.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036966.D (-316) (-)

2.66

2500

2000

1500

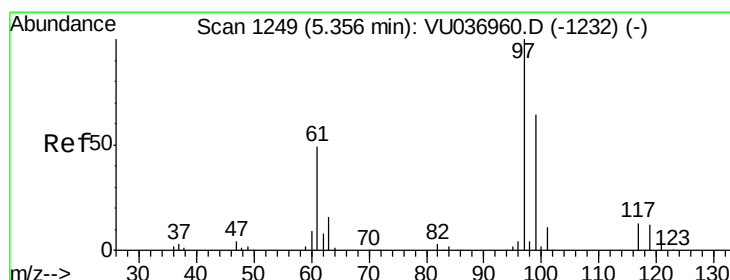
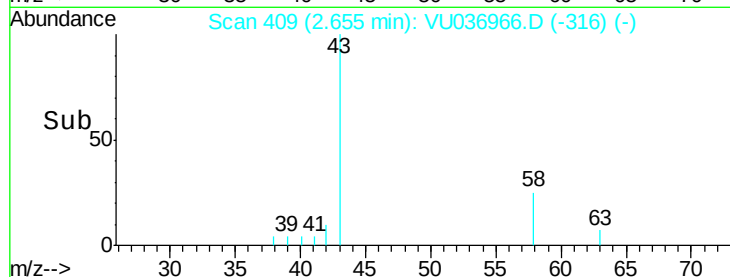
1000

500

0

Time-->

2.60 2.65 2.70



#30

1,1,1-Trichloroethane

Concen: 27.049 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU036966.D

Acq: 28 Feb 2020 12:28

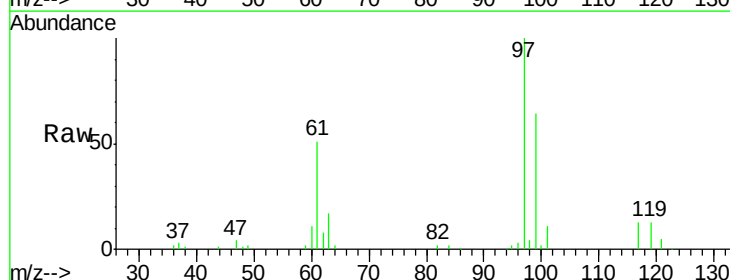
Tgt Ion: 97 Resp: 67624

Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

61 51.0 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036966.D (-1156) (-)

Ion 99.00 (98.70 to 99.70): VU036966.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU036966.D (-1156) (-)

5.36

40000

30000

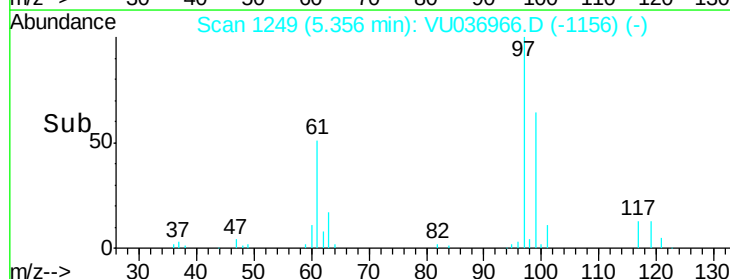
20000

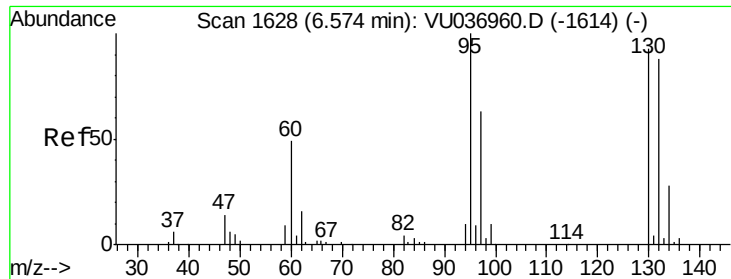
10000

0

Time-->

5.30 5.35 5.40





#34

Trichloroethene

Concen: 14.348 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036966.D

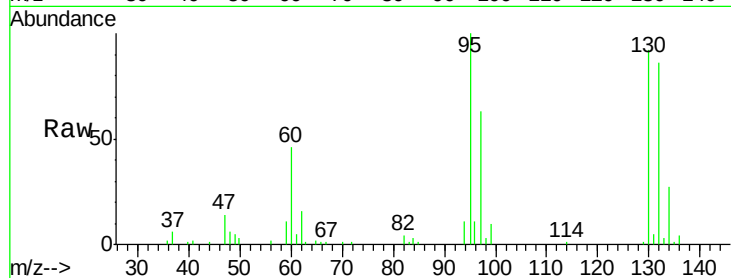
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Tot Ion: 95 Resp: 25978

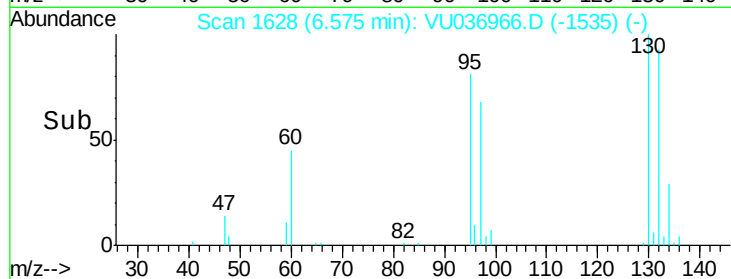
Ion Ratio Lower Upper

95 100

97 63.3 44.1 81.9

132 86.3 60.6 112.6

130 92.4 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

