

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036980.D
 Acq On : 28 Feb 2020 18:09
 Operator : JC/MD
 Sample : L1729-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT9

Quant Time: Mar 02 09:25:26 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	249366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83533	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.93	69	77099	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	111364	31.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.52%
21) 2-Butanone-d5	4.67	46	148357	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.11	84	150684	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	5.74	65	105436	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.76	84	328125	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.72	67	108512	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.92	98	299653	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	8.20	79	45691	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.66	63	108185	101.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153684	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	90456	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

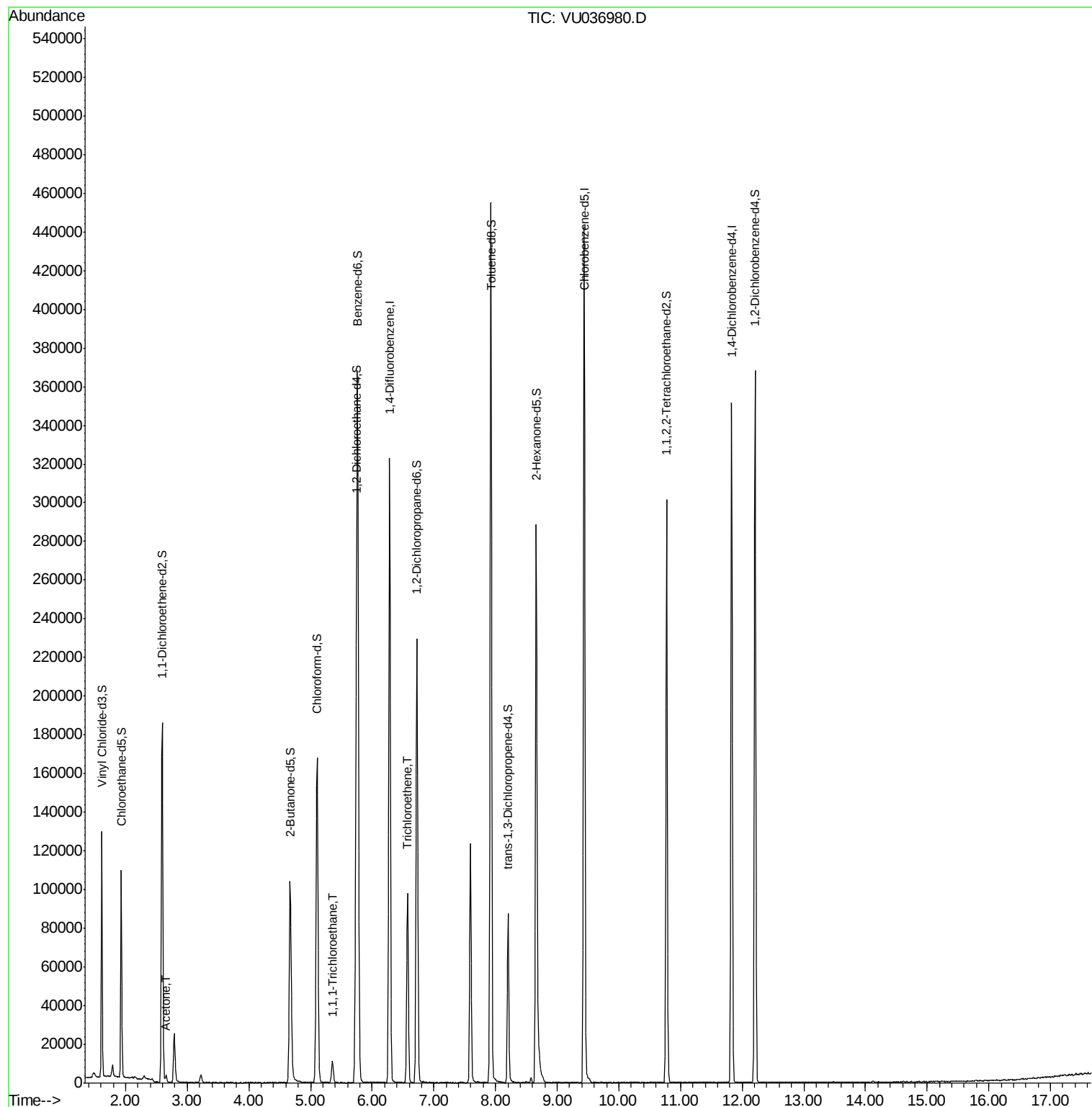
Target Compounds					Ovalue
13) Acetone	2.66	43	3691	2.555 ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	7880	3.144 ug/L	99
34) Trichloroethene	6.57	95	32191	17.737 ug/L	97

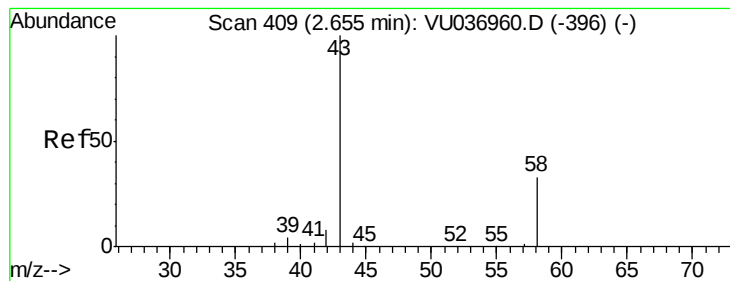
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.555 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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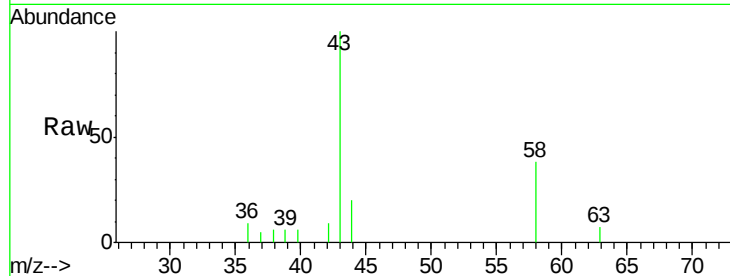
C0AT9

Tot Ion: 43 Resp: 3691

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036980.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU036980.D (-396) (-)

2.66

2000

1500

1000

500

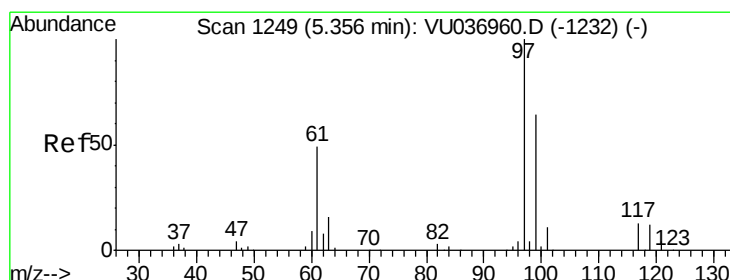
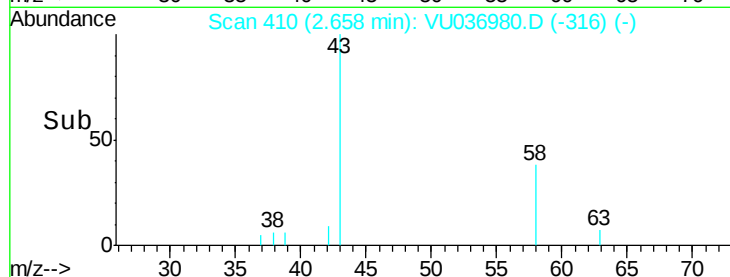
0

Time-->

2.60

2.65

2.70



#30

1,1,1-Trichloroethane

Concen: 3.144 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

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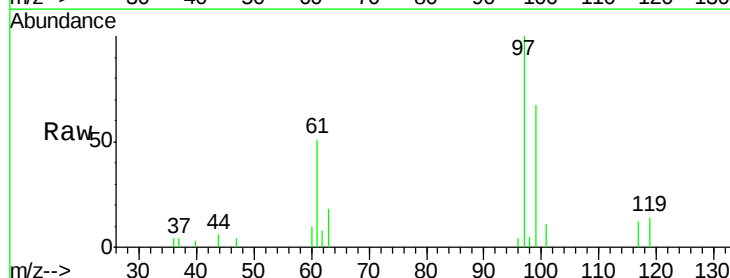
Tgt Ion: 97 Resp: 7880

Ion Ratio Lower Upper

97 100

99 64.2 50.4 75.6

61 50.5 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036980.D (-1232) (-)

Ion 99.00 (98.70 to 99.70): VU036980.D (-1232) (-)

Ion 61.05 (60.75 to 61.75): VU036980.D (-1232) (-)

5.36

4000

3000

2000

1000

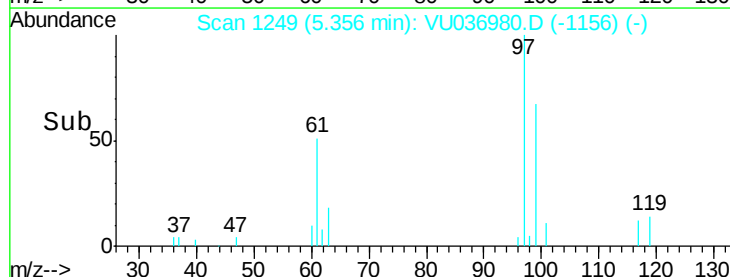
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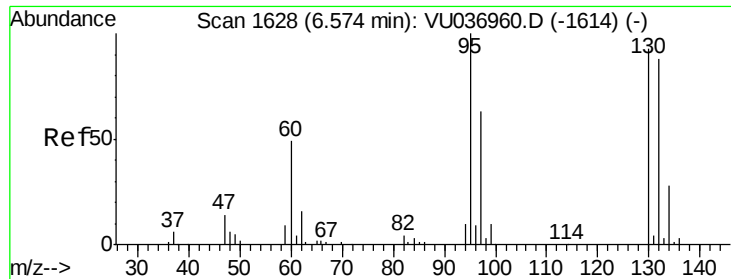
Time-->

5.30

5.35

5.40





#34

Trichloroethene

Concen: 17.737 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 32191

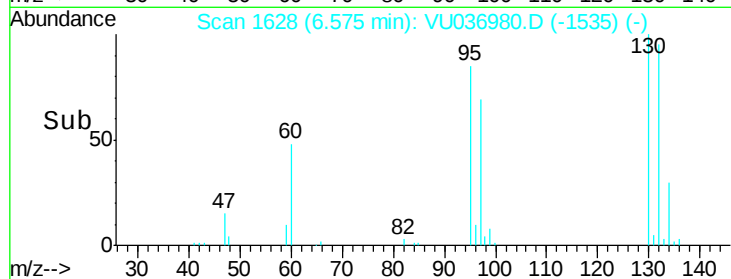
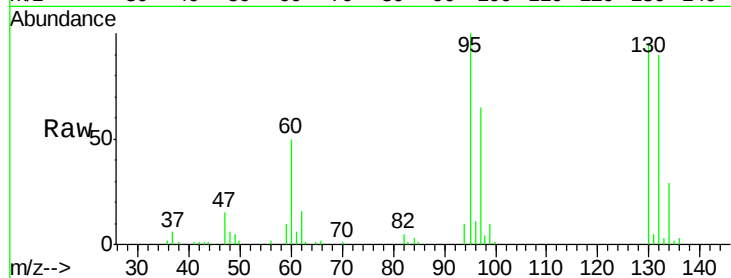
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 89.8 60.6 112.6

130 95.0 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

