

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036894.D
 Acq On : 24 Feb 2020 19:30
 Operator : JC/MD
 Sample : L1608-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP4

Quant Time: Feb 25 09:04:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245234	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93430	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105152	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.52%
7) Chloroethane-d5	1.93	69	91027	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.84%
11) 1,1-Dichloroethene-d2	2.59	63	136139	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.67	46	155853	103.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	5.11	84	162405	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.74	65	114990	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.76	84	364319	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.73	67	119692	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.20%
41) Toluene-d8	7.92	98	327877	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloropropene-	8.20	79	50058	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.66	63	115694	102.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.99%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	161436	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	12.21	152	98482	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

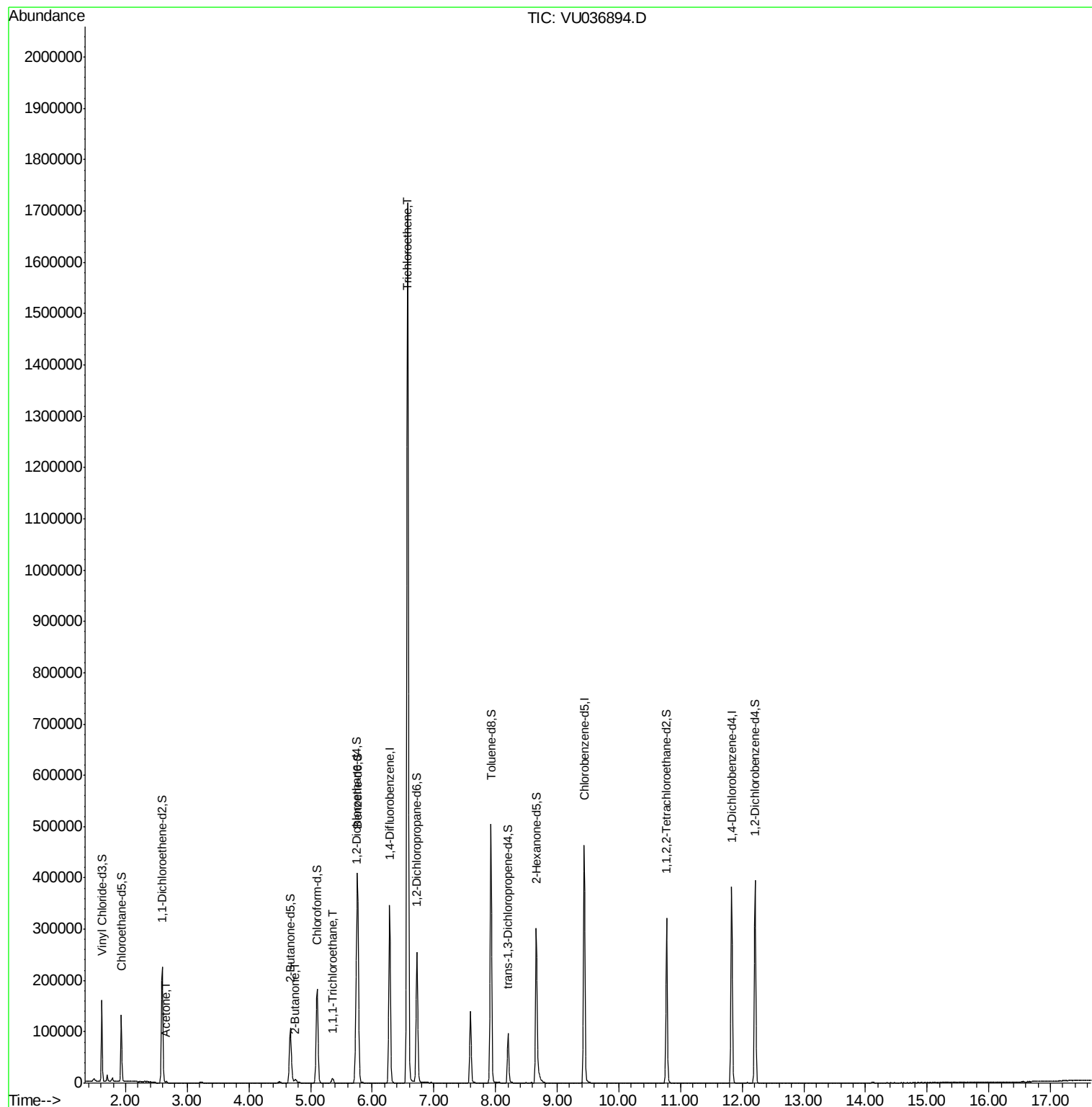
					Ovalue
13) Acetone	2.66	43	2826	1.821 ug/L	98
22) 2-Butanone	4.75	43	9236	4.936 ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	6602	2.511 ug/L	97
34) Trichloroethene	6.57	95	592530	311.176 ug/L	99

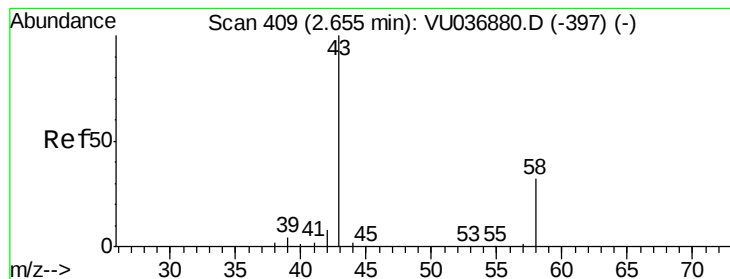
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.821 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Acq: 24 Feb 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

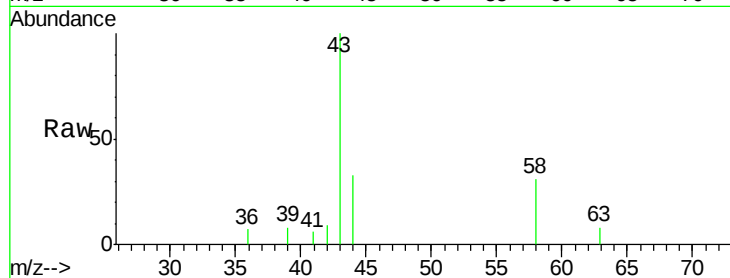
C0AP4

Tot Ion: 43 Resp: 2826

Ion Ratio Lower Upper

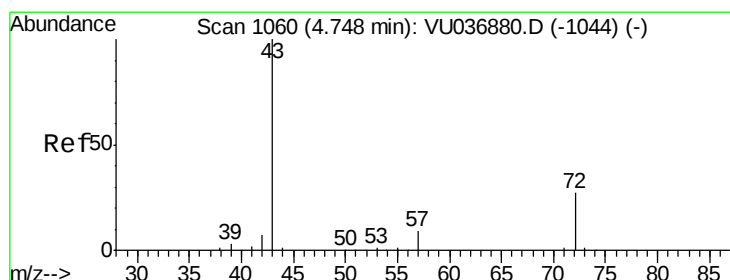
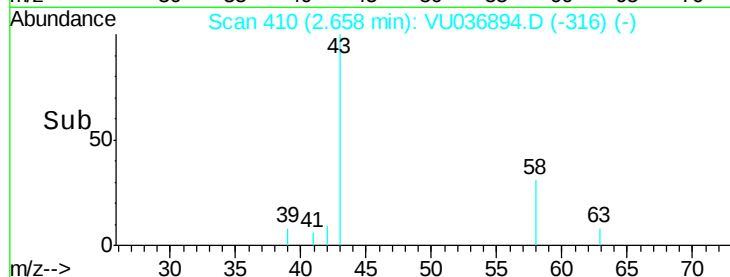
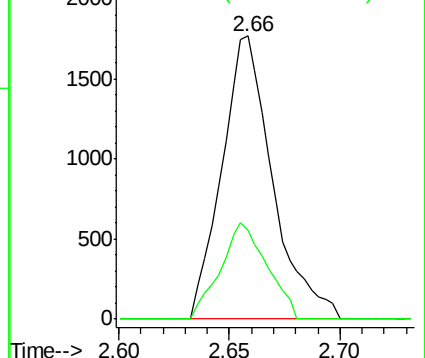
43 100

58 31.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036880.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036880.D (-397) (-)



#22

2-Butanone

Concen: 4.936 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VU036894.D

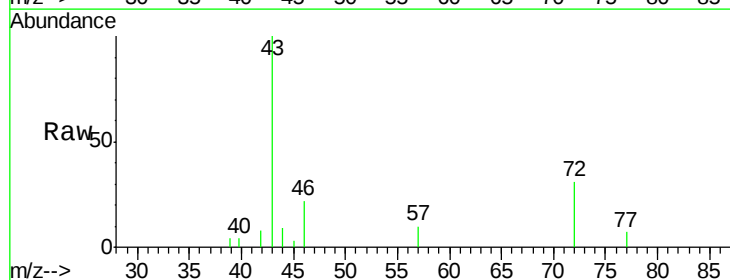
Acq: 24 Feb 2020 19:30

Tgt Ion: 43 Resp: 9236

Ion Ratio Lower Upper

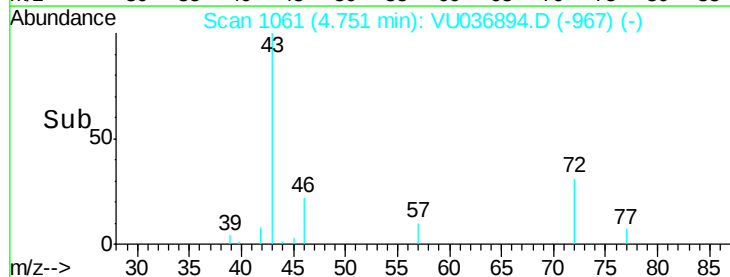
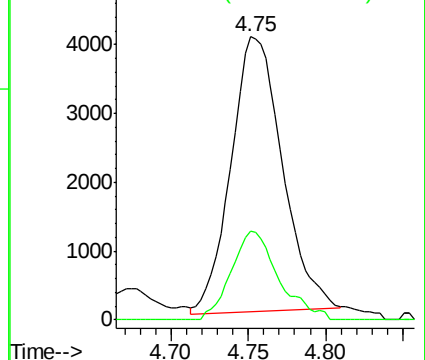
43 100

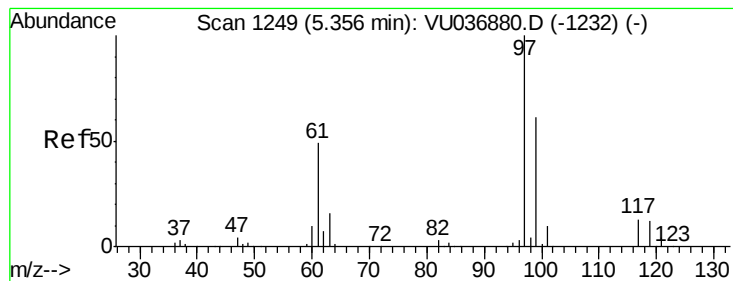
72 29.1 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036880.D (-1044) (-)

Ion 72.00 (71.70 to 72.70): VU036880.D (-1044) (-)





#30

1,1,1-Trichloroethane

Concen: 2.511 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU036894.D

Acq: 24 Feb 2020 19:30

Instrument :

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ClientSampleId :

C0AP4

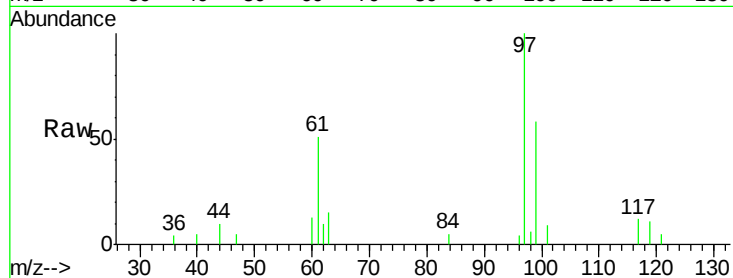
Tot Ion: 97 Resp: 6602

Ion Ratio Lower Upper

97 100

99 66.8 50.4 75.6

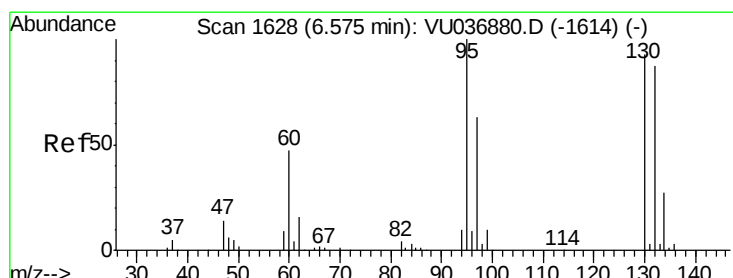
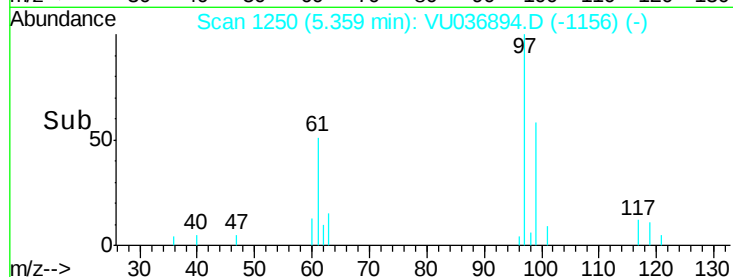
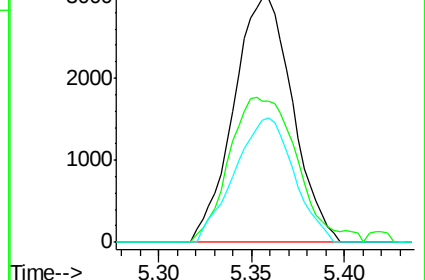
61 51.0 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036880.D (-1232) (-)

Ion 99.00 (98.70 to 99.70): VU036880.D (-1232) (-)

Ion 61.05 (60.75 to 61.75): VU036880.D (-1232) (-)



#34

Trichloroethene

Concen: 311.176 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036894.D

Acq: 24 Feb 2020 19:30

Tgt Ion: 95 Resp: 592530

Ion Ratio Lower Upper

95 100

97 63.3 44.1 81.9

132 88.0 60.6 112.6

130 91.0 64.9 120.5

Abundance Ion 95.00 (94.70 to 95.70): VU036880.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU036880.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU036880.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU036880.D (-1614) (-)

