

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036967.D
 Acq On : 28 Feb 2020 12:51
 Operator : JC/MD
 Sample : L1687-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7

Quant Time: Feb 29 01:10:38 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	252239	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86859	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.93	69	79439	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.59	63	115003	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	4.67	46	140077	98.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.59%
24) Chloroform-d	5.11	84	151704	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	106190	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.76	84	333596	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.72	67	109999	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.93	98	302710	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	8.20	79	47373	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.66	63	104974	94.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153237	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	12.21	152	90533	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

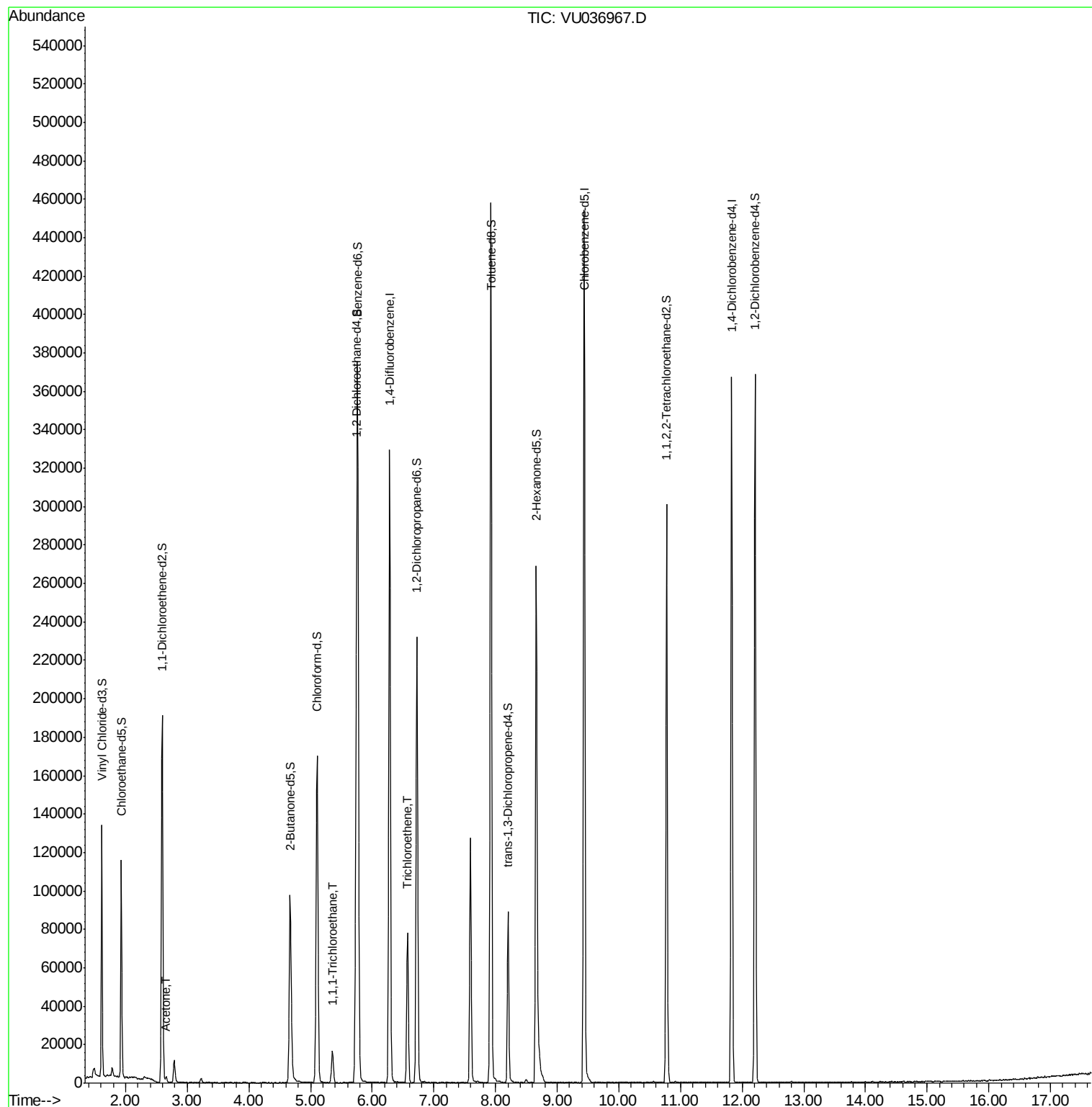
Target Compounds					Ovalue
13) Acetone	2.66	43	3588	2.455 ug/L	90
30) 1,1,1-Trichloroethane	5.35	97	11160	4.283 ug/L	95
34) Trichloroethene	6.57	95	26261	13.918 ug/L	99

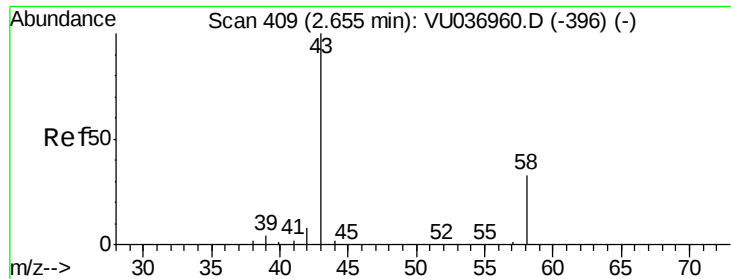
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.455 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

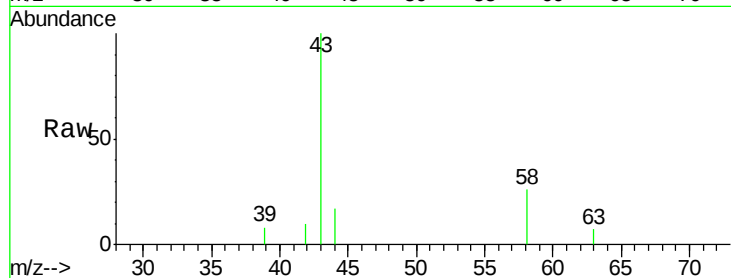
C0AT7

Tot Ion: 43 Resp: 3588

Ion Ratio Lower Upper

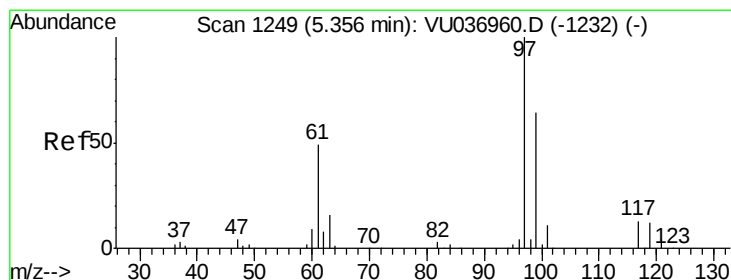
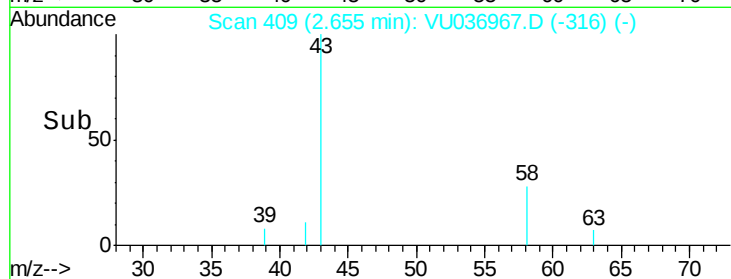
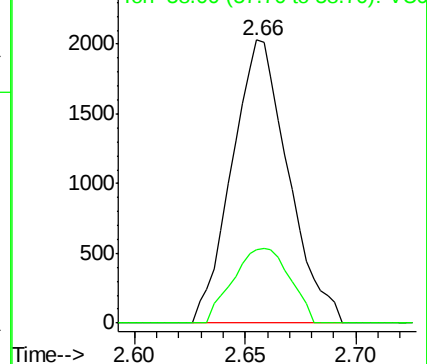
43 100

58 26.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#30

1,1,1-Trichloroethane

Concen: 4.283 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

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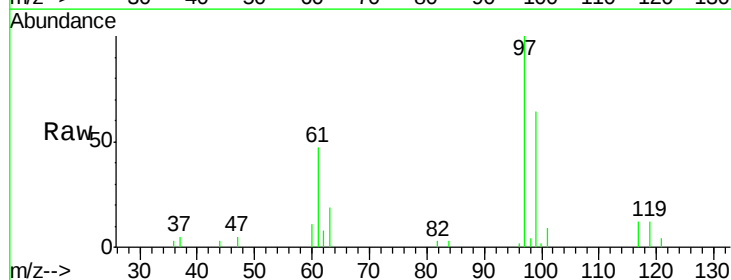
Tgt Ion: 97 Resp: 11160

Ion Ratio Lower Upper

97 100

99 67.4 50.4 75.6

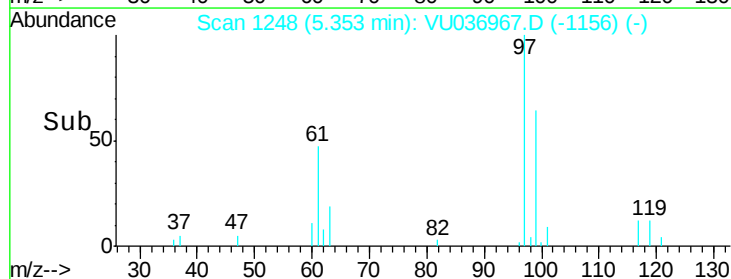
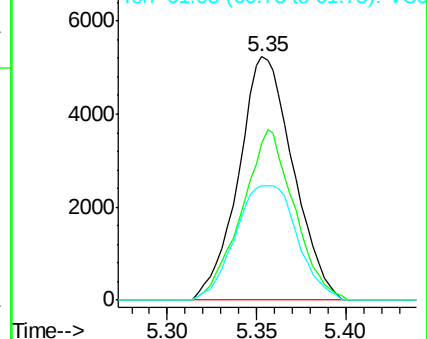
61 53.2 40.3 60.5

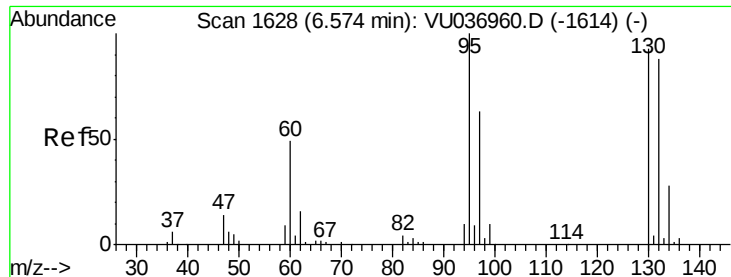


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 13.918 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036967.D

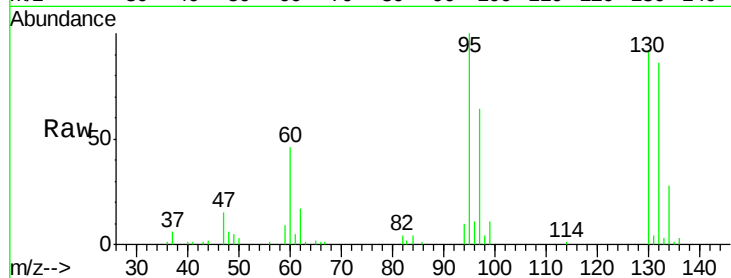
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Tot Ion: 95 Resp: 26261

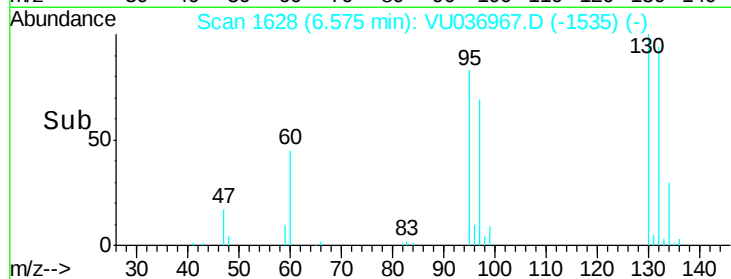
Ion Ratio Lower Upper

95 100

97 63.7 44.1 81.9

132 86.3 60.6 112.6

130 92.2 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

