

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037015.D
 Acq On : 02 Mar 2020 21:24
 Operator : JC/MD
 Sample : L1729-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX8

Quant Time: Mar 03 09:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258067	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75405	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.58%
7) Chloroethane-d5	1.93	69	76951	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.82%
11) 1,1-Dichloroethene-d2	2.59	63	109187	30.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.18%
21) 2-Butanone-d5	4.67	46	159709	109.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.86%
24) Chloroform-d	5.11	84	159585	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.74	65	111953	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
32) Benzene-d6	5.76	84	339412	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
36) 1,2-Dichloropropane-d6	6.72	67	111992	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.92	98	302781	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	8.20	79	48757	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.66	63	113806	100.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164108	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	95014	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%

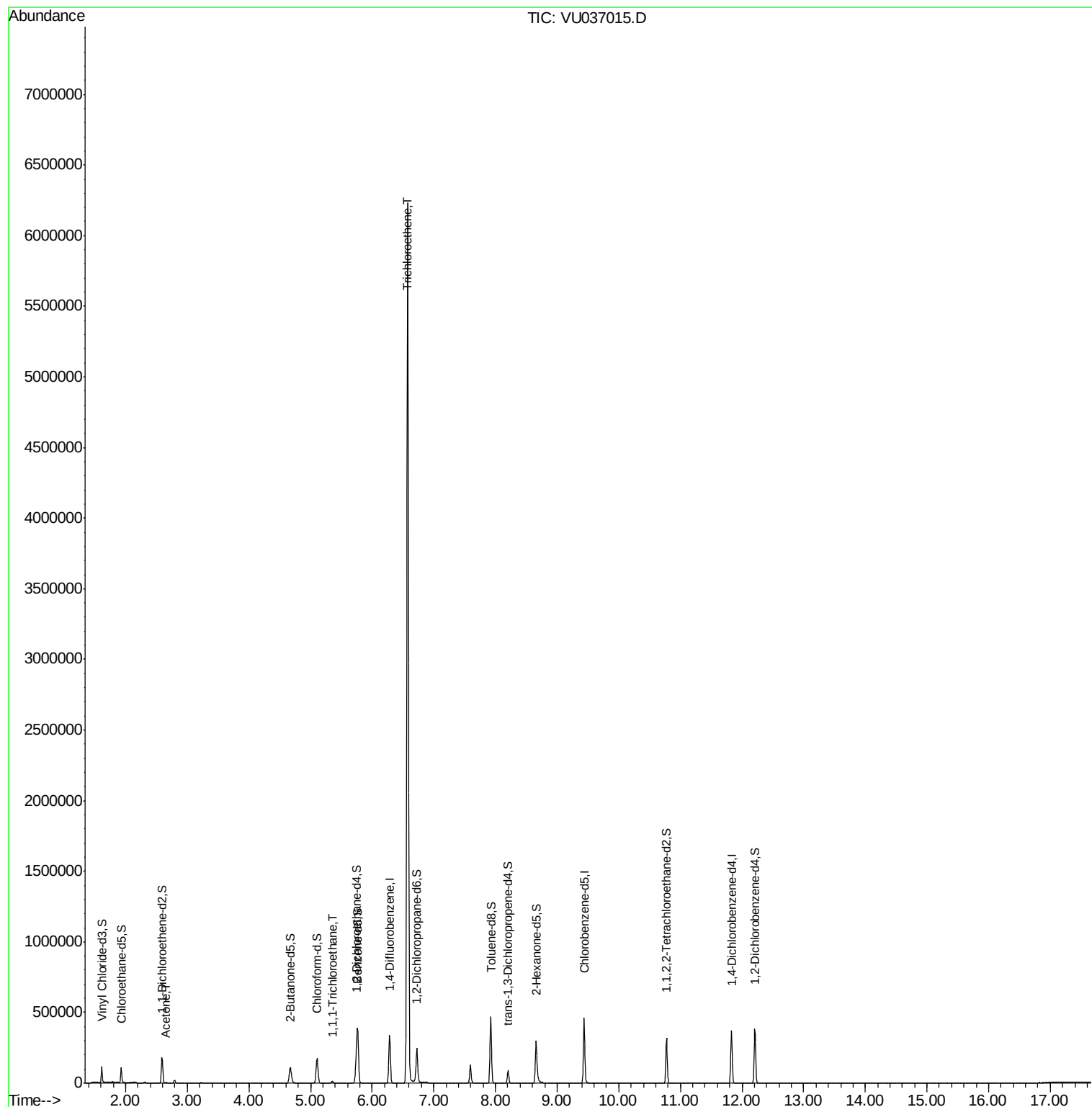
Target Compounds					Ovalue
13) Acetone	2.66	43	4157	2.780 ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	7319	2.767 ug/L	98
34) Trichloroethene	6.57	95	2130812	1112.225 ug/L	99

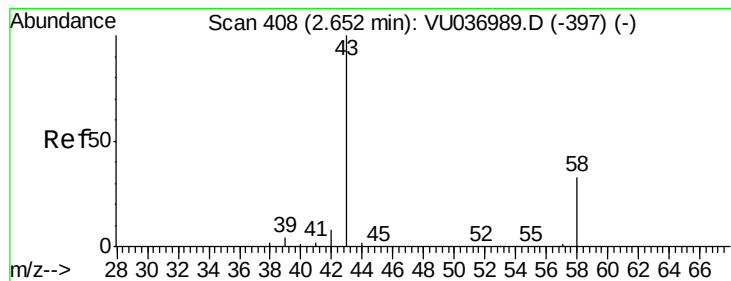
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.780 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

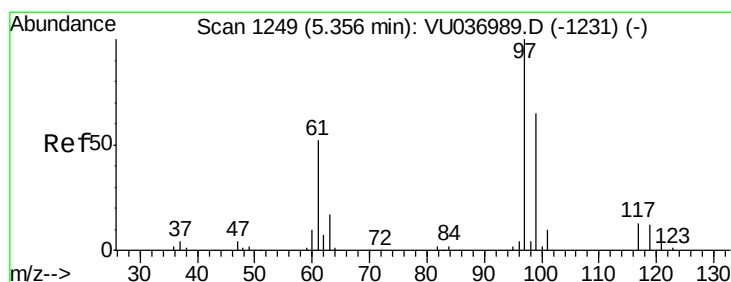
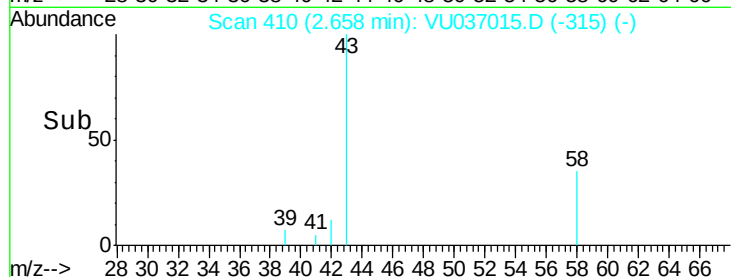
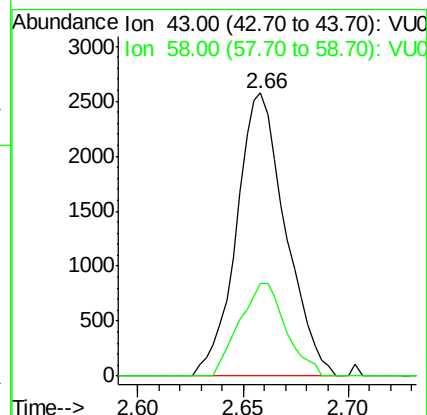
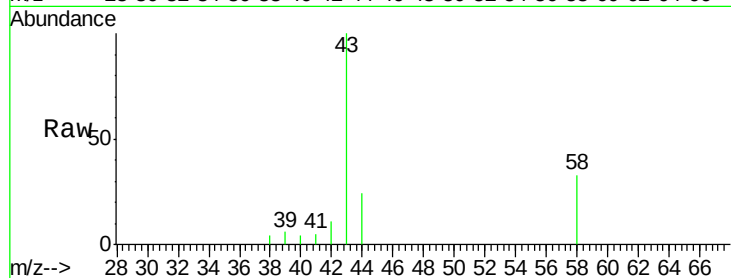
C0AX8

Tot Ion: 43 Resp: 4157

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.6



#30

1,1,1-Trichloroethane

Concen: 2.767 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

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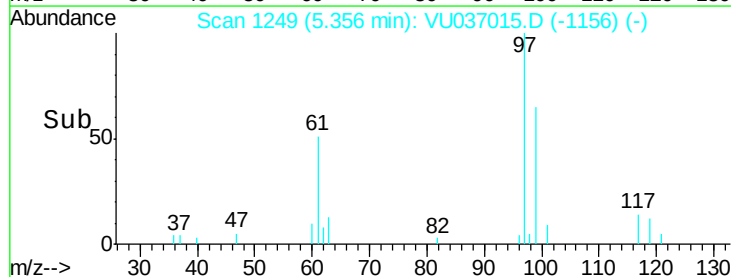
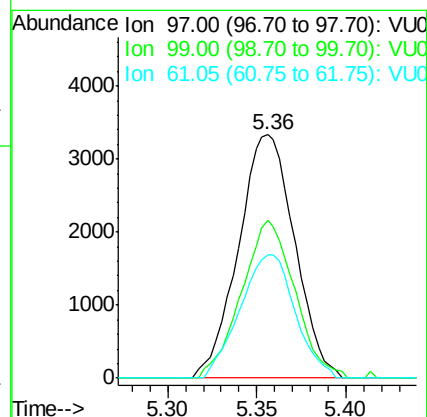
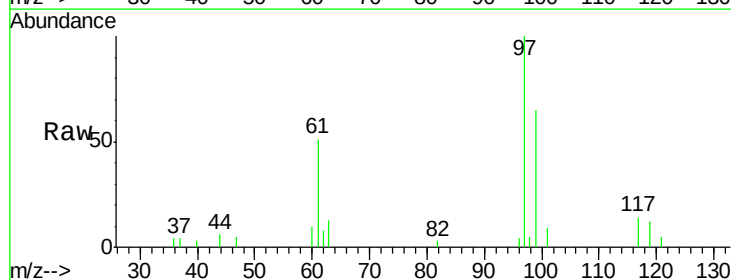
Tgt Ion: 97 Resp: 7319

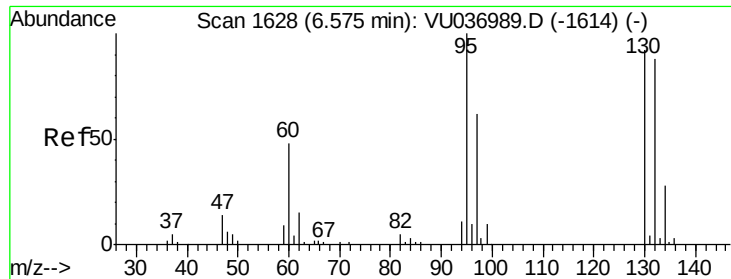
Ion Ratio Lower Upper

97 100

99 61.5 50.4 75.6

61 49.7 40.3 60.5





#34

Trichloroethene

Concen: 1112.225 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AX8

Tot Ion: 95 Resp: 2130812

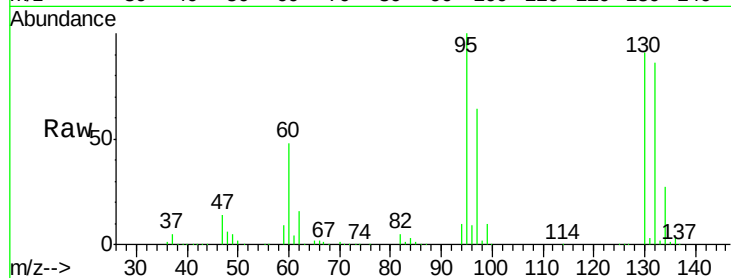
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 85.8 60.6 112.6

130 90.8 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

