

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022520\
 Data File : VU036900.D
 Acq On : 25 Feb 2020 12:02
 Operator : JC/MD
 Sample : L1608-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR2

Quant Time: Feb 26 02:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 26 01:28:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	198701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	188369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	71271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108505	65.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.06%
7) Chloroethane-d5	1.93	69	98996	71.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	143.40%#
11) 1,1-Dichloroethene-d2	2.59	63	144895	51.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.70%
21) 2-Butanone-d5	4.67	46	174870	156.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	156.23%#
24) Chloroform-d	5.11	84	180774	70.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.88%#
26) 1,2-Dichloroethane-d4	5.74	65	124870	72.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.82%#
32) Benzene-d6	5.76	84	395513	72.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	145.22%#
36) 1,2-Dichloropropane-d6	6.73	67	129267	73.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	146.50%#
41) Toluene-d8	7.93	98	360061	71.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	142.50%#
43) trans-1,3-Dichloropropene-	8.20	79	56295	68.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	137.28%#
47) 2-Hexanone-d5	8.66	63	133283	154.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.46%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	177475	71.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	142.66%#
64) 1,2-Dichlorobenzene-d4	12.21	152	106268	76.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.54%#

Target Compounds

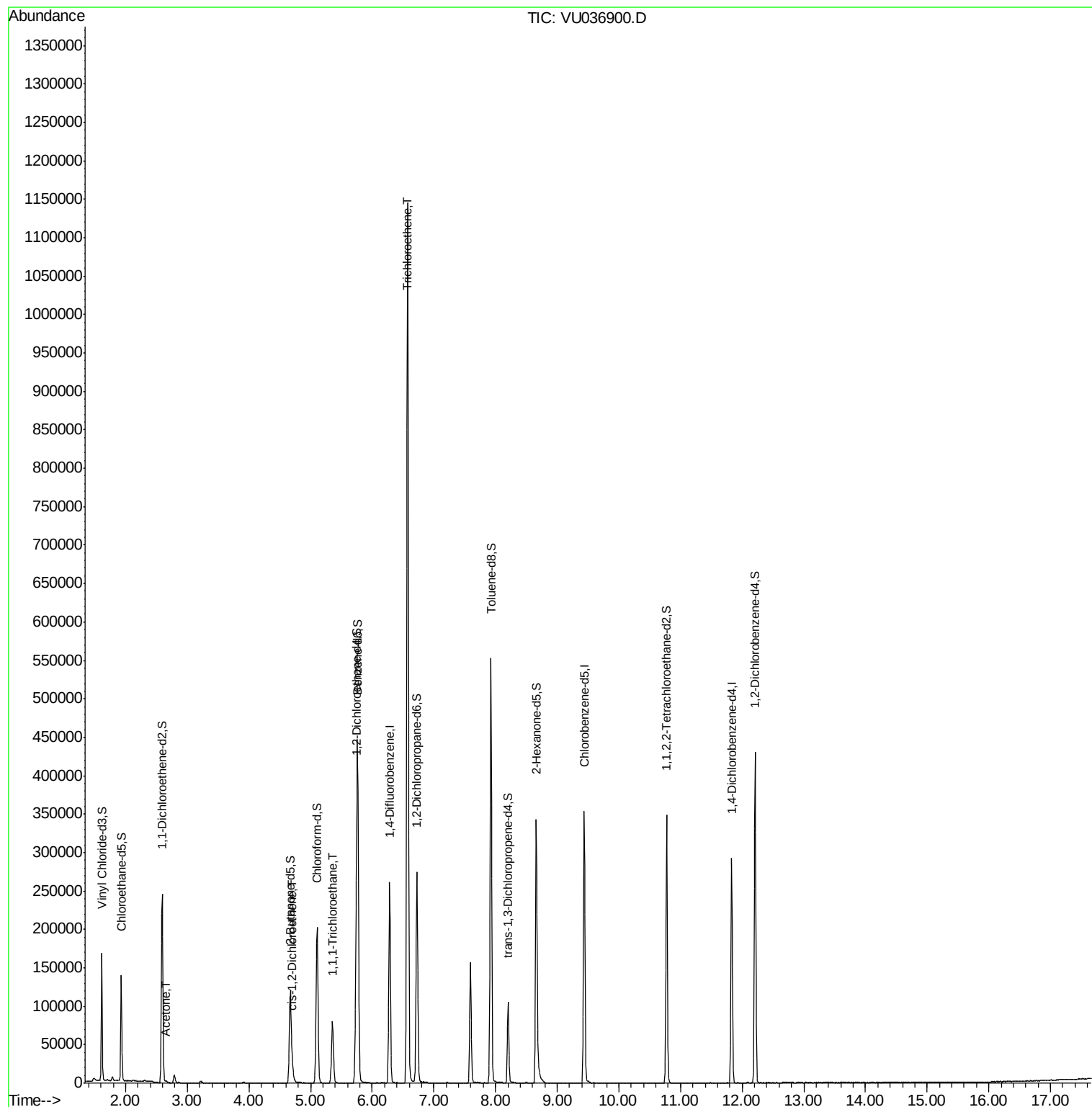
					Ovalue
13) Acetone	2.66	43	3229	2.805 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	7137	4.630 ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	54620	27.045 ug/L	99
34) Trichloroethene	6.57	95	391052	267.363 ug/L	98

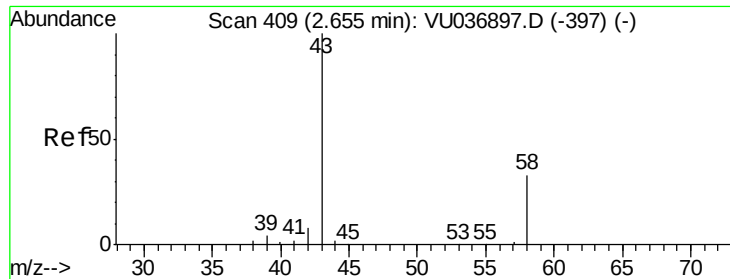
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.805 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036900.D

Acq: 25 Feb 2020 12:02

Instrument :

MSVOA_U

ClientSampled :

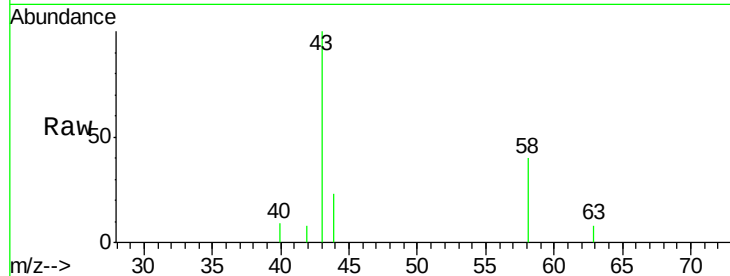
C0AR2

Tot Ion: 43 Resp: 3229

Ion Ratio Lower Upper

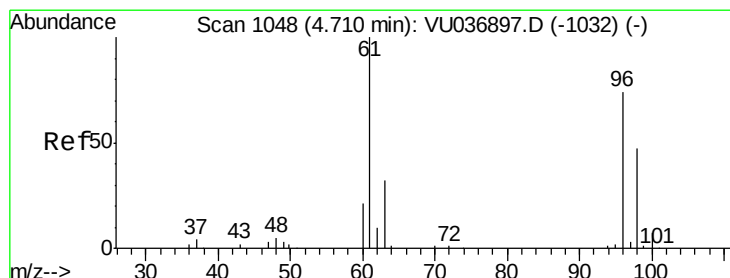
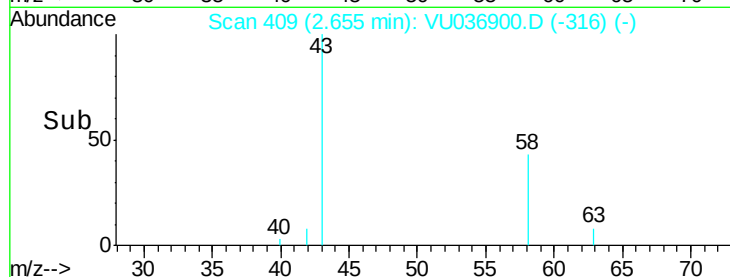
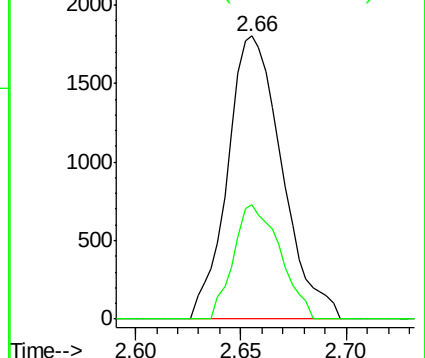
43 100

58 34.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036900.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036900.D (-316) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.630 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU036900.D

Acq: 25 Feb 2020 12:02

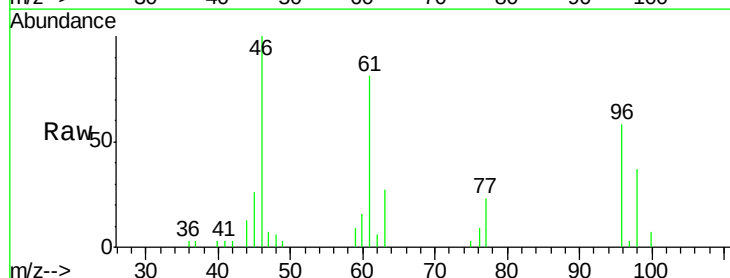
Tgt Ion: 96 Resp: 7137

Ion Ratio Lower Upper

96 100

61 140.0 93.1 172.9

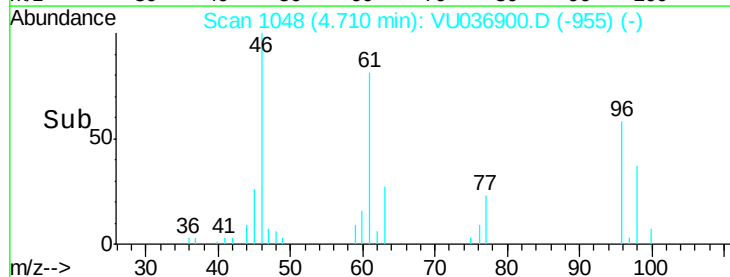
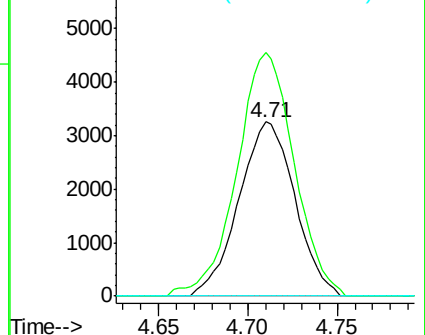
68 0.0 0.0 0.0

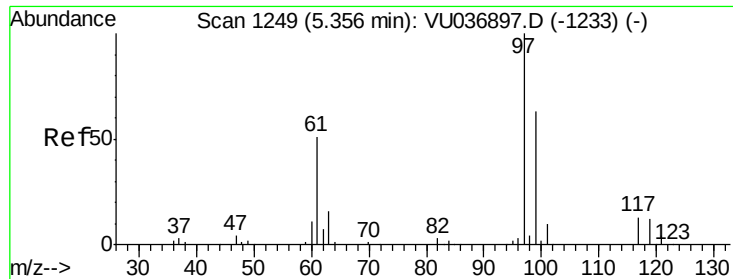


Abundance Ion 96.00 (95.70 to 96.70): VU036900.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU036900.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU036900.D (-955) (-)

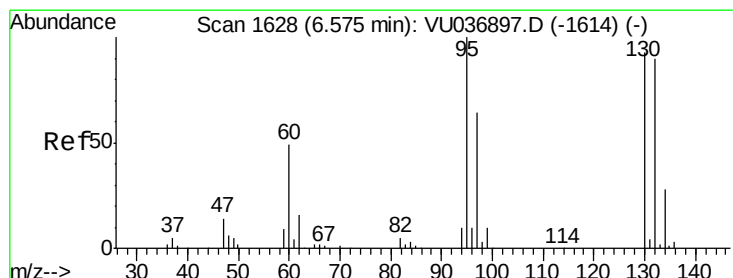
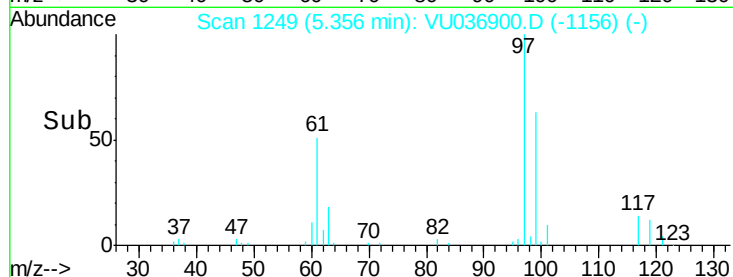
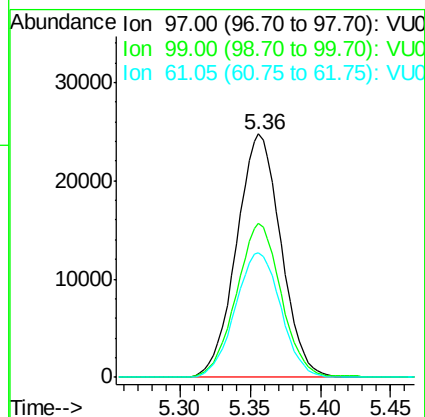
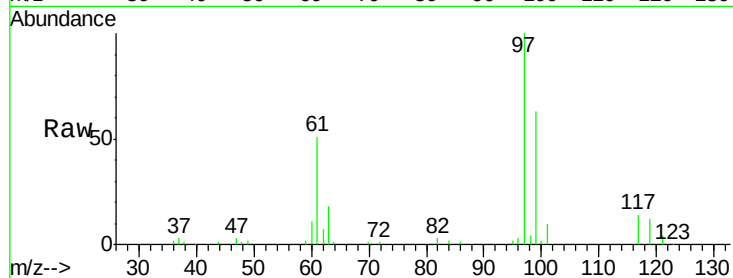




#30
1,1,1-Trichloroethane
Concen: 27.045 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036900.D
Acq: 25 Feb 2020 12:02

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Tot Ion: 97 Resp: 54620
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 52.2 40.3 60.5



#34
Trichloroethene
Concen: 267.363 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036900.D
Acq: 25 Feb 2020 12:02

Tgt Ion: 95 Resp: 391052
Ion Ratio Lower Upper
95 100
97 63.6 44.1 81.9
132 87.3 60.6 112.6
130 90.1 64.9 120.5

