

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037036.D
 Acq On : 04 Mar 2020 11:43
 Operator : JC/MD
 Sample : L1746-04DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY2DL

Quant Time: Mar 05 01:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95453	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.93	69	91510	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.59	63	126187	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	4.67	46	149574	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	5.11	84	165381	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	114766	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.76	84	355100	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.72	67	118113	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.92	98	313818	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	8.20	79	47425	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.66	63	99919	88.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163492	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	91687	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

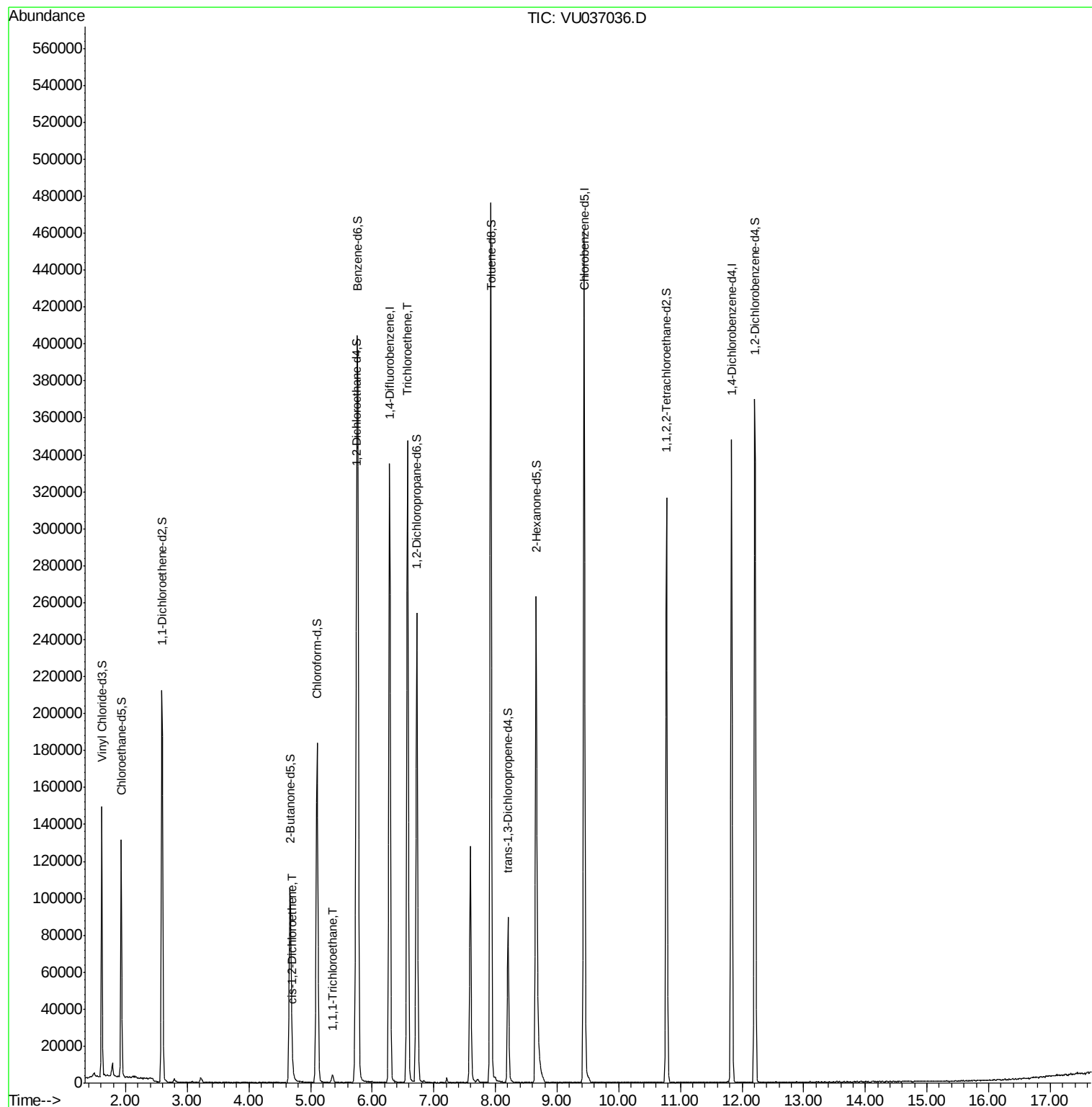
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	1602	0.807 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	3099	1.169 ug/L	98
34) Trichloroethene	6.57	95	118693	61.830 ug/L	99

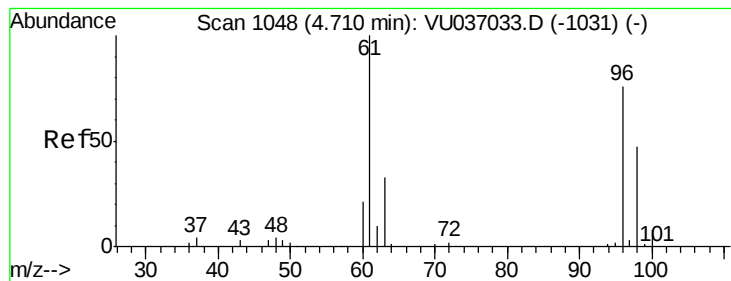
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 0.807 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

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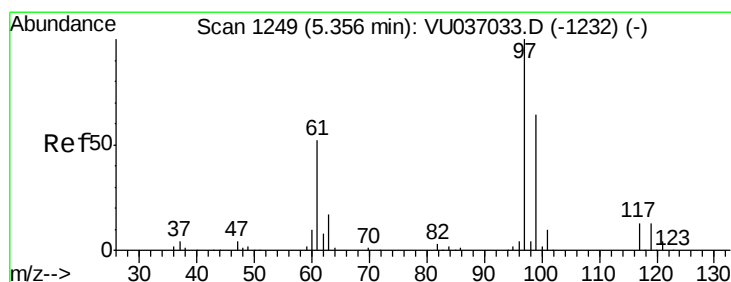
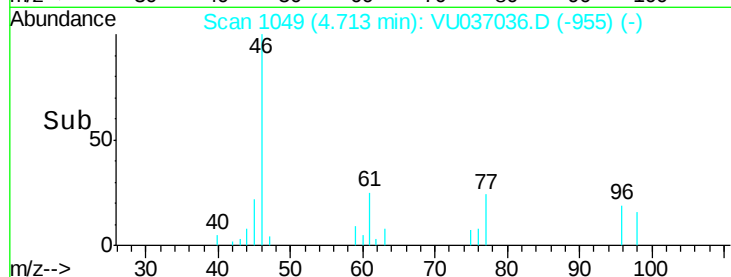
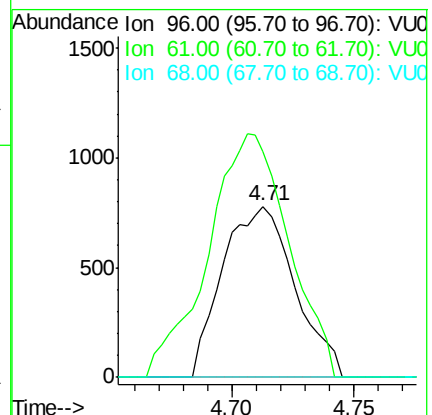
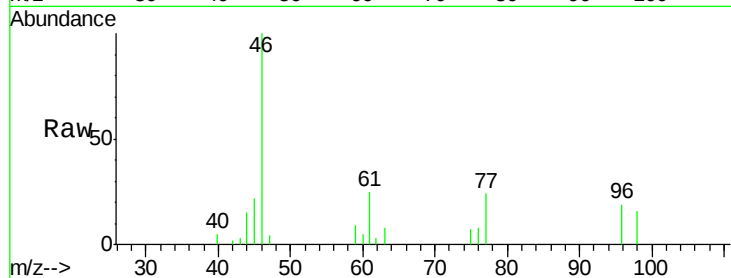
Tot Ion: 96 Resp: 1602

Ion Ratio Lower Upper

96 100

61 132.4 93.1 172.9

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 1.169 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

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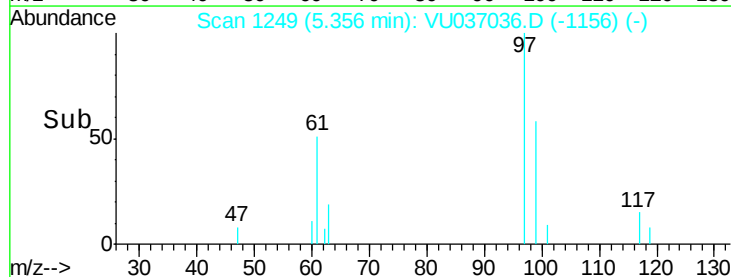
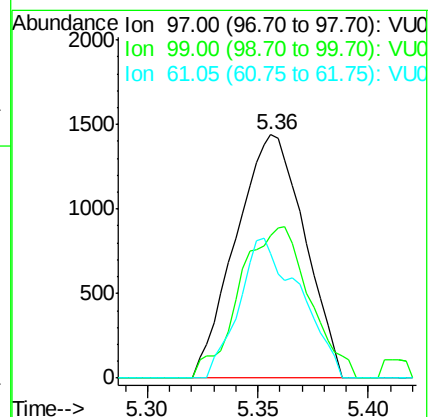
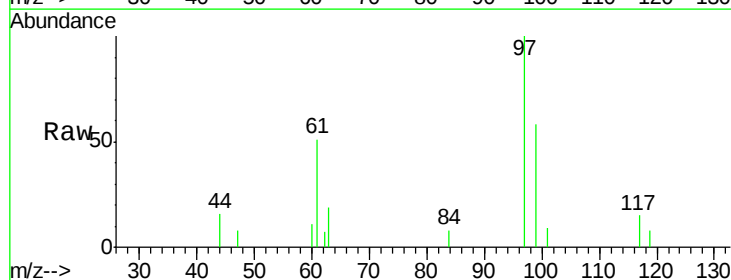
Tgt Ion: 97 Resp: 3099

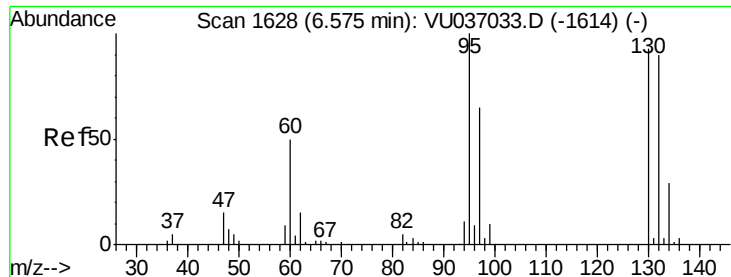
Ion Ratio Lower Upper

97 100

99 60.8 50.4 75.6

61 51.2 40.3 60.5





#34

Trichloroethene

Concen: 61.830 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

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Tot Ion: 95 Resp: 118693

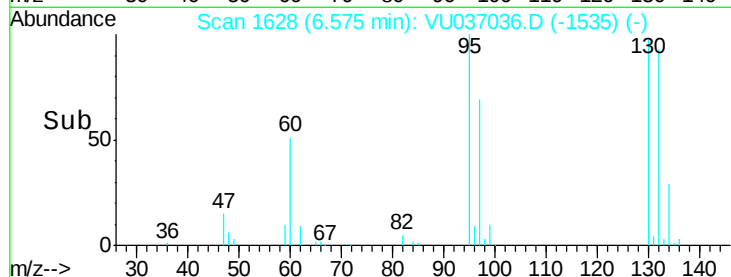
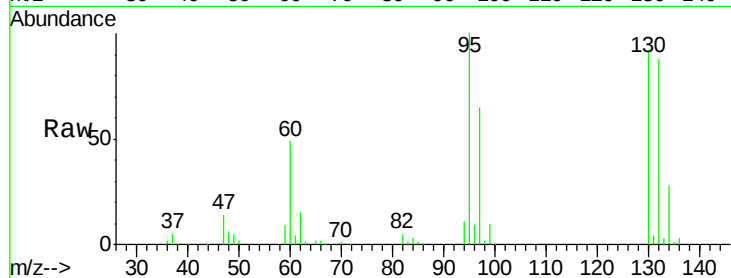
Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 87.7 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

