

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037037.D
 Acq On : 04 Mar 2020 12:06
 Operator : JC/MD
 Sample : L1746-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY3DL

Quant Time: Mar 05 01:13:56 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	258693	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87145	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96216	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.93	69	90589	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	127335	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	4.67	46	153582	105.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.39%
24) Chloroform-d	5.11	84	166465	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.74	65	113924	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.76	84	359396	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.72	67	118820	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.93	98	318790	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	47911	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.66	63	101395	89.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162792	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	91638	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

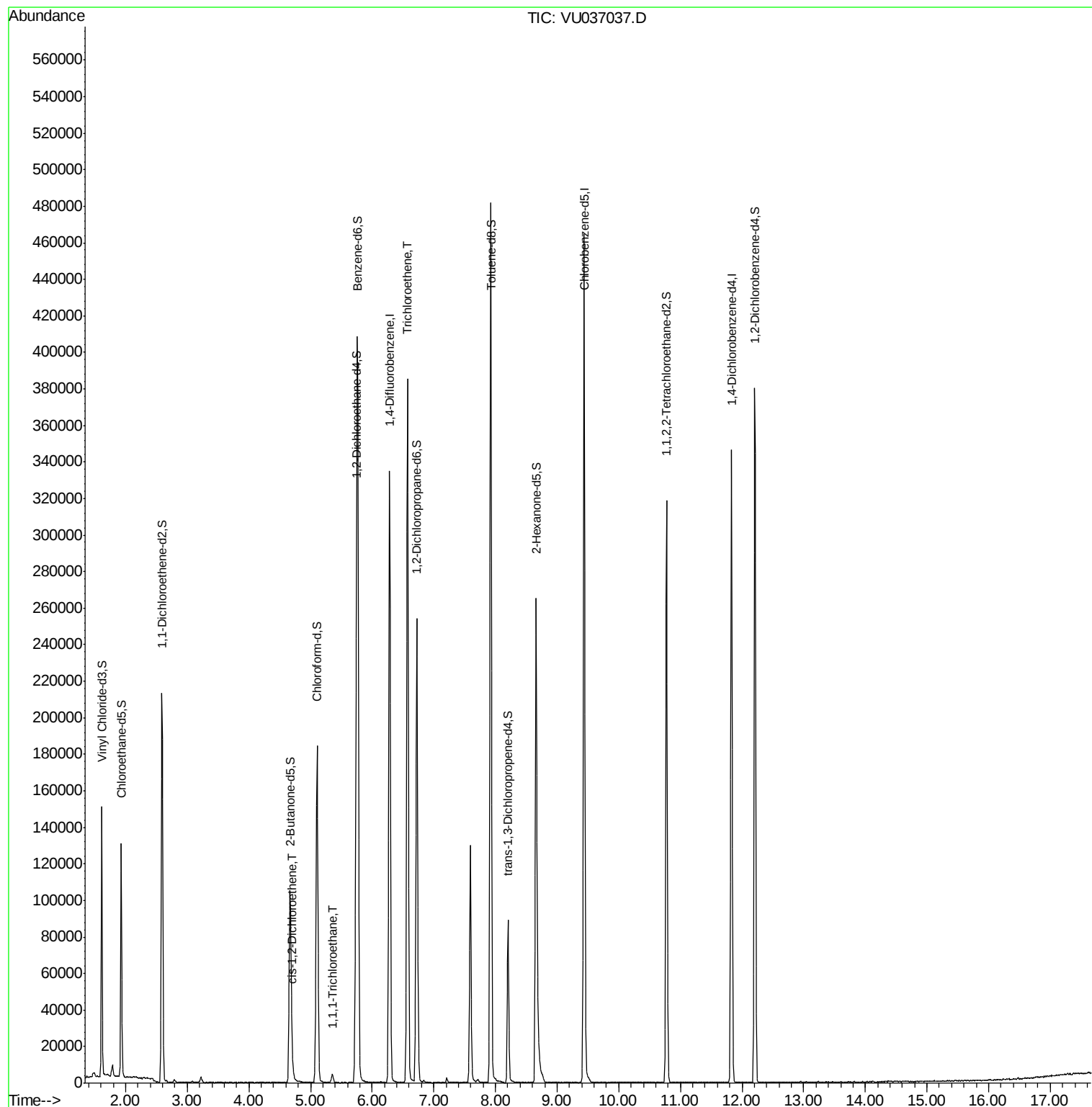
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	2118	1.055 ug/L	72
30) 1,1,1-Trichloroethane	5.35	97	3427	1.289 ug/L #	90
34) Trichloroethene	6.57	95	132828	68.961 ug/L	99

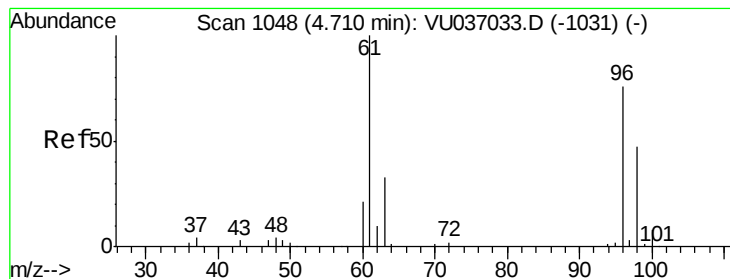
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.055 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037037.D

Acq: 04 Mar 2020 12:06

Instrument :

MSVOA_U

ClientSampleId :

C0AY3DL

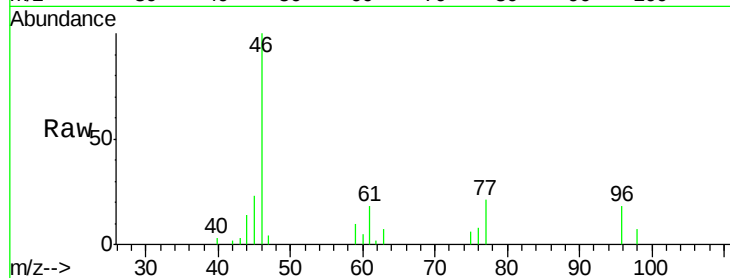
Tot Ion: 96 Resp: 2118

Ion Ratio Lower Upper

96 100

61 99.7 93.1 172.9

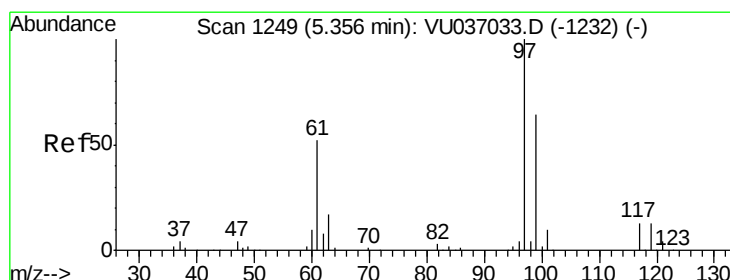
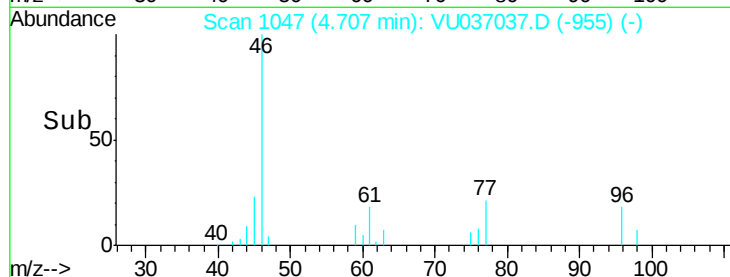
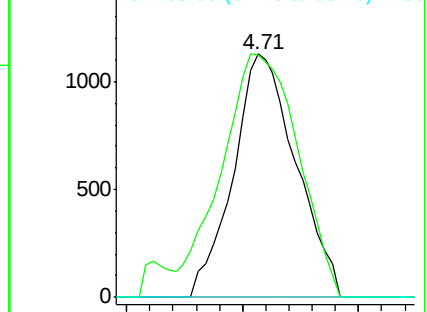
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037037.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU037037.D (-1031) (-)

Ion 68.00 (67.70 to 68.70): VU037037.D (-1031) (-)



#30

1,1,1-Trichloroethane

Concen: 1.289 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037037.D

Acq: 04 Mar 2020 12:06

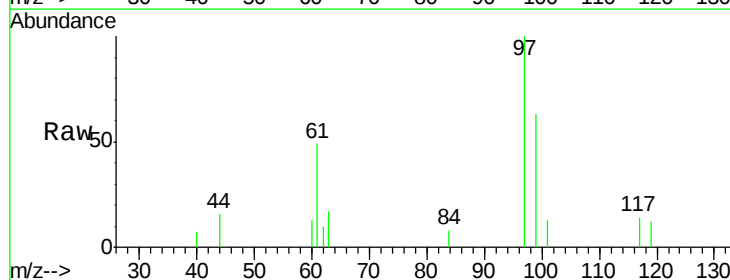
Tgt Ion: 97 Resp: 3427

Ion Ratio Lower Upper

97 100

99 63.1 50.4 75.6

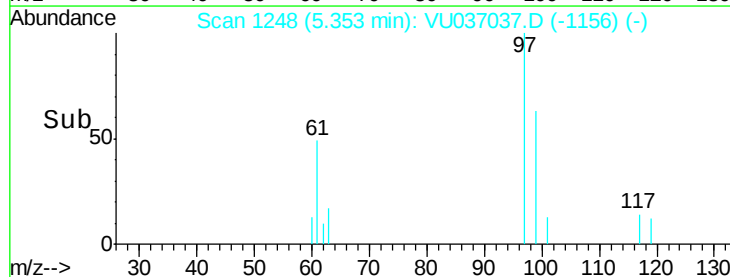
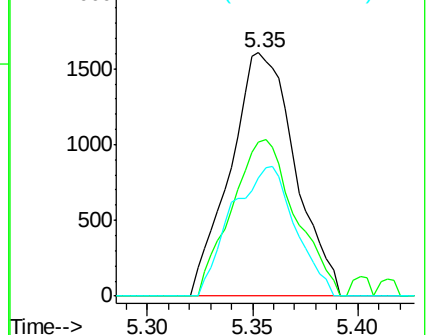
61 35.3 40.3 60.5#

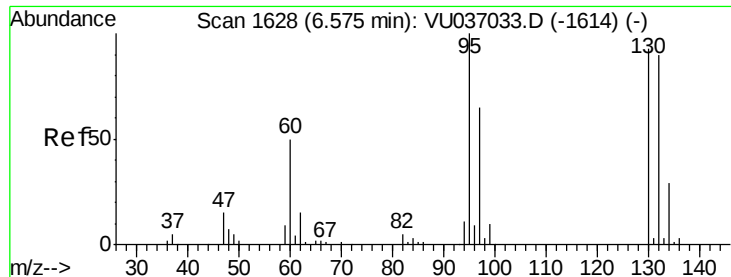


Abundance Ion 97.00 (96.70 to 97.70): VU037037.D (-1232) (-)

Ion 99.00 (98.70 to 99.70): VU037037.D (-1232) (-)

Ion 61.05 (60.75 to 61.75): VU037037.D (-1232) (-)





#34

Trichloroethene

Concen: 68.961 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037037.D

Acq: 04 Mar 2020 12:06

Instrument :

MSVOA_U

ClientSampleId :

C0AY3DL

Tot Ion: 95 Resp: 132828

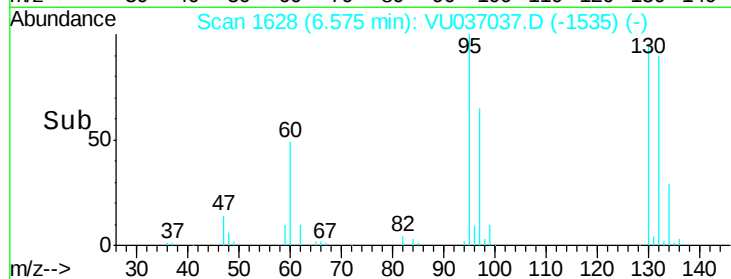
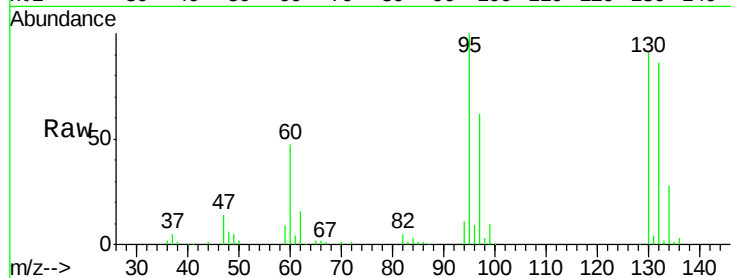
Ion Ratio Lower Upper

95 100

97 62.2 44.1 81.9

132 85.9 60.6 112.6

130 90.5 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

