

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036314.D
 Acq On : 20 Dec 2019 13:33
 Operator : JC/MD
 Sample : K6282-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW8DL

Quant Time: Dec 21 03:37:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	103366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96341	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.93	69	87208	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	100346	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.68	46	175887	46.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.70%
24) Chloroform-d	5.11	84	152273	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	82258	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	270588	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.73	67	89748	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	219440	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	8.21	79	33687	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.67	63	135034	41.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82060	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	89325	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

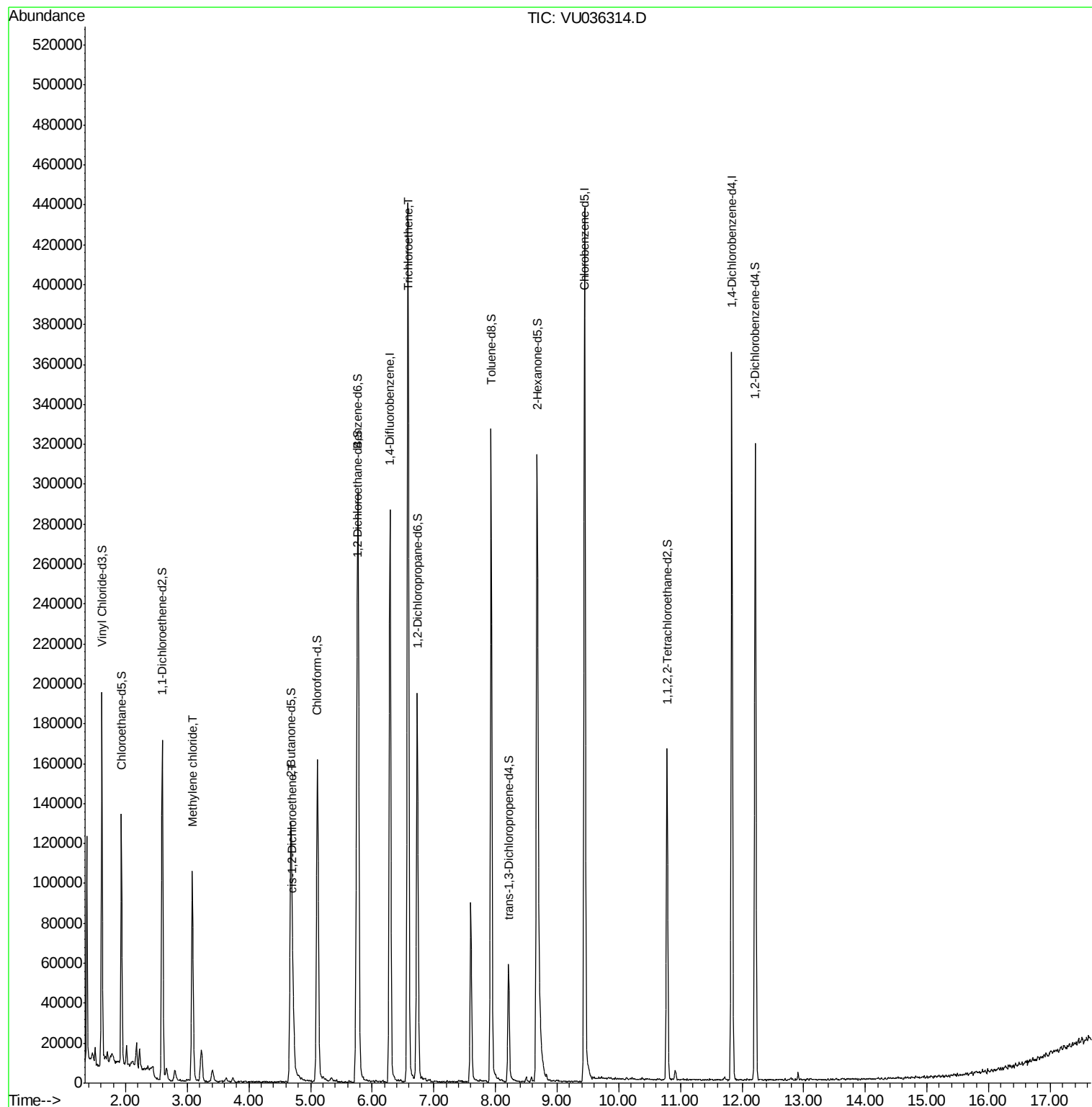
					Ovalue
16) Methylene chloride	3.08	84	51223	2.042 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	15232	0.795 ug/L	100
34) Trichloroethene	6.58	95	147724	7.177 ug/L	96

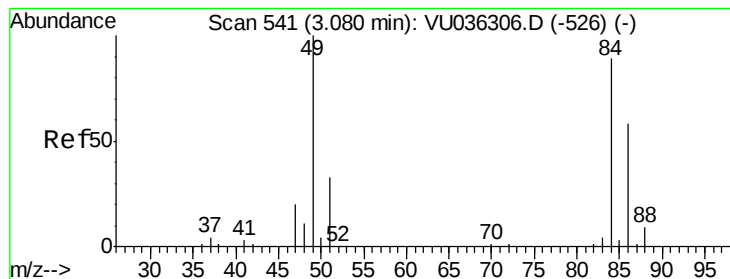
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 2.042 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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ClientSampleId :

BFDW8DL

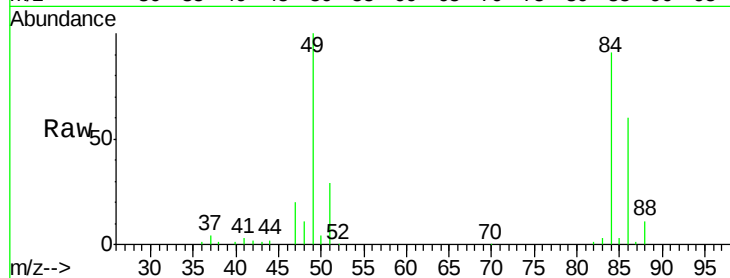
Tot Ion: 84 Resp: 51223

Ion Ratio Lower Upper

84 100

86 65.8 43.0 79.8

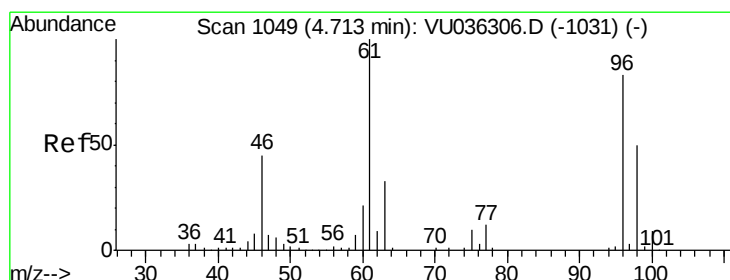
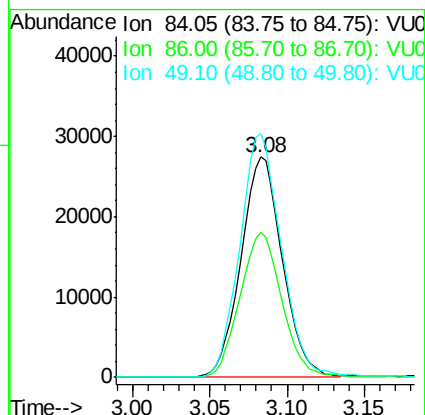
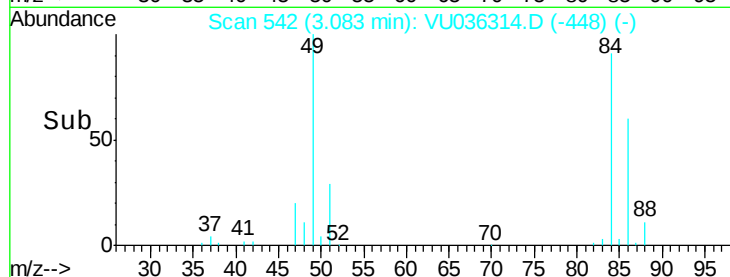
49 110.5 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.795 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

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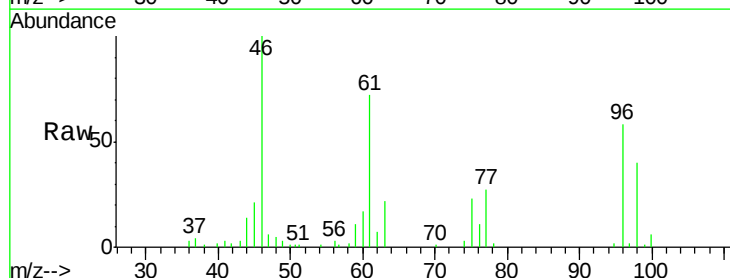
Tgt Ion: 96 Resp: 15232

Ion Ratio Lower Upper

96 100

61 124.2 86.7 161.1

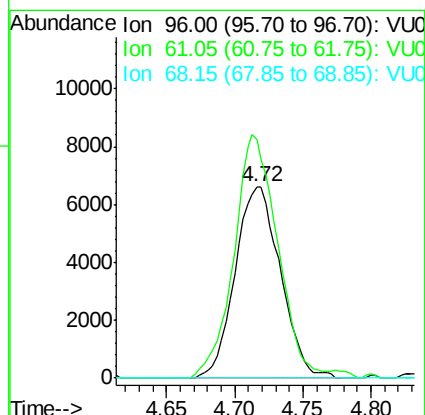
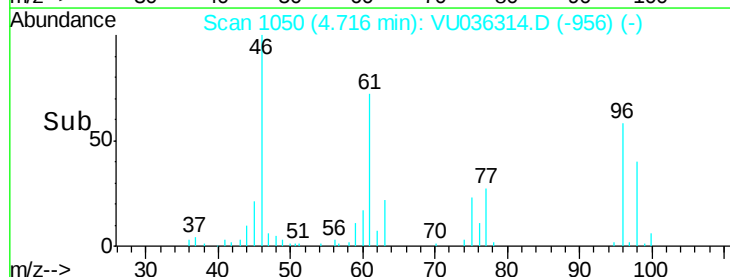
68 0.0 0.0 0.0

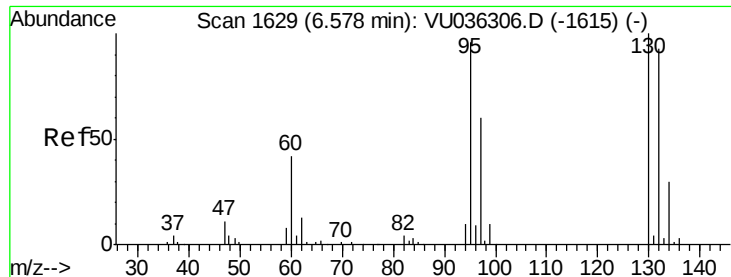


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 7.177 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

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ClientSampleId :

BFDW8DL

Tot Ion: 95 Resp: 147724

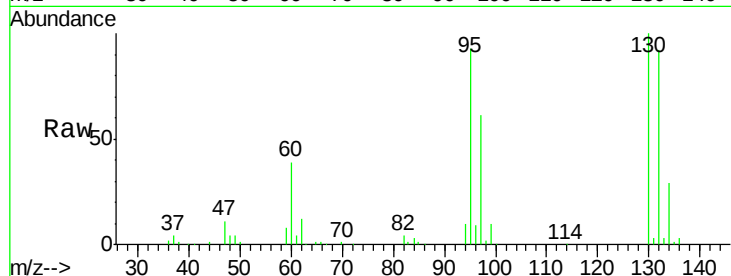
Ion Ratio Lower Upper

95 100

97 65.2 43.6 81.0

132 99.0 69.6 129.2

130 107.6 70.3 130.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

