

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036312.D
 Acq On : 20 Dec 2019 12:46
 Operator : JC/MD
 Sample : K6282-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW4DL

Quant Time: Dec 21 00:58:11 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	249781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	100063	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	92239	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.59	63	109052	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.68	46	180398	43.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	5.11	84	158823	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	85314	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.77	84	288571	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	93940	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.93	98	237314	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.21	79	35788	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.67	63	137546	41.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86290	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92221	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

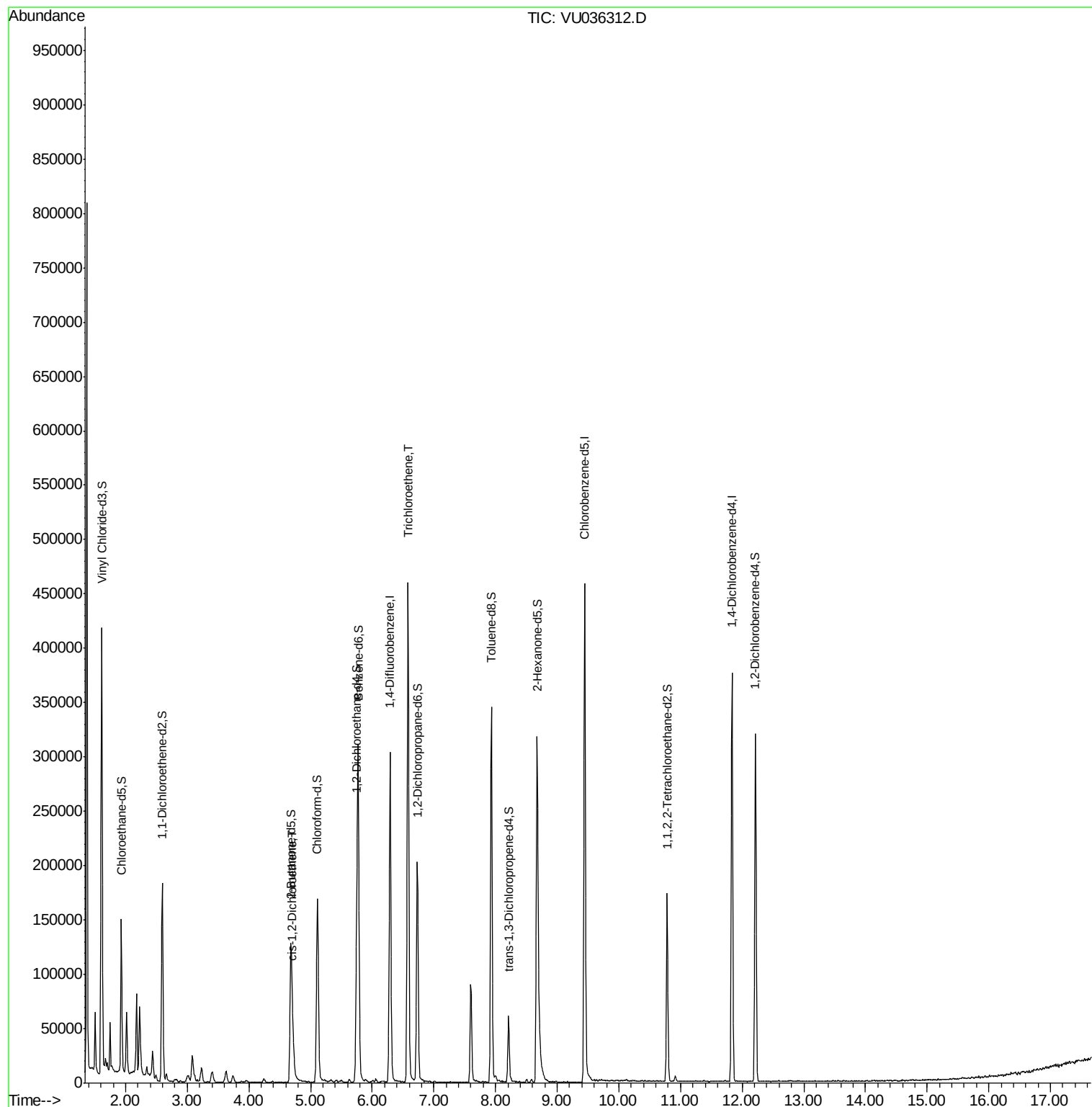
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.72	96	12551	0.603 ug/L	95
34) Trichloroethene	6.58	95	153014	7.180 ug/L	96

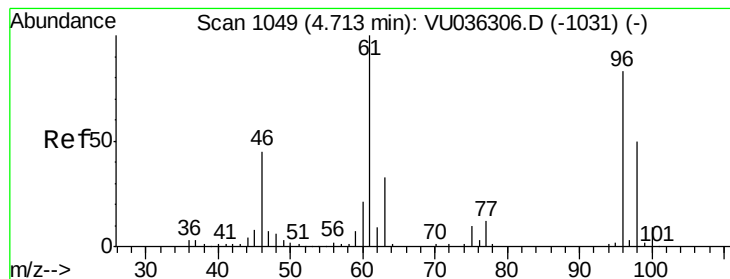
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.603 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFDW4DL

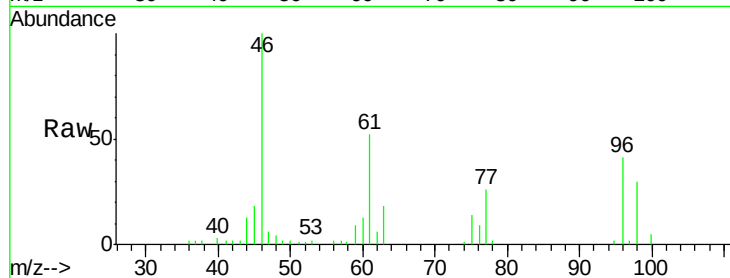
Tot Ion: 96 Resp: 12551

Ion Ratio Lower Upper

96 100

61 129.3 86.7 161.1

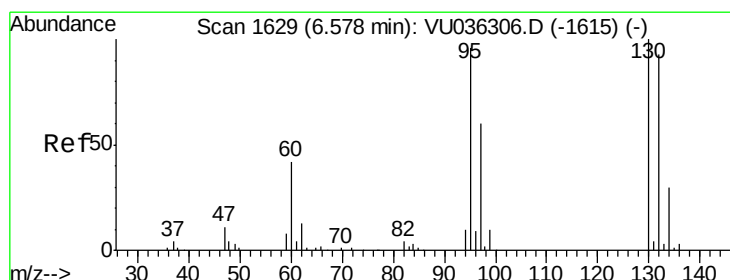
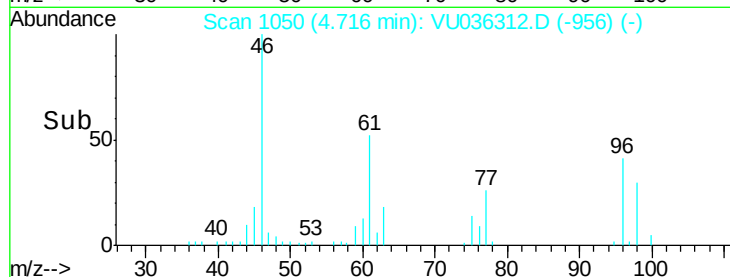
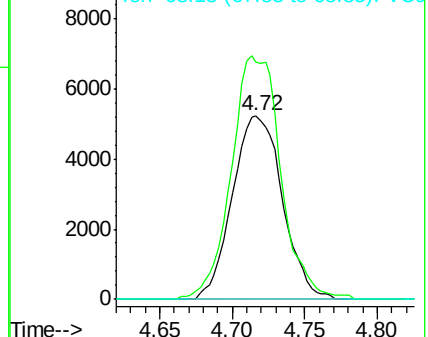
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036312.D (-1536) (-)

Ion 61.05 (60.75 to 61.75): VU036312.D (-1536) (-)

Ion 68.15 (67.85 to 68.85): VU036312.D (-1536) (-)



#34

Trichloroethene

Concen: 7.180 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

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Acq: 20 Dec 2019 12:46

Tgt Ion: 95 Resp: 153014

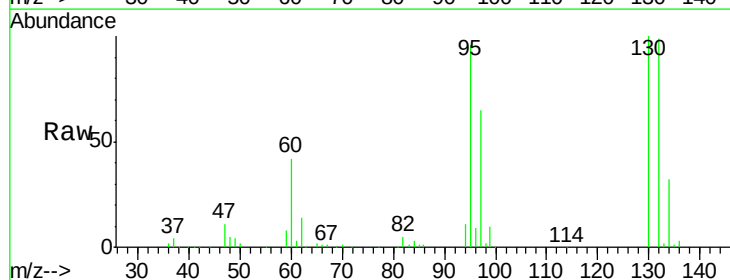
Ion Ratio Lower Upper

95 100

97 67.5 43.6 81.0

132 102.9 69.6 129.2

130 103.8 70.3 130.7



Abundance Ion 95.00 (94.70 to 95.70): VU036312.D (-1536) (-)

Ion 96.95 (96.65 to 97.65): VU036312.D (-1536) (-)

Ion 131.95 (131.65 to 132.65): VU036312.D (-1536) (-)

Ion 129.95 (129.65 to 130.65): VU036312.D (-1536) (-)

