

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035880.D
 Acq On : 27 Nov 2019 00:35
 Operator : JC/SP
 Sample : K5992-11DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF2DL

Quant Time: Nov 27 04:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134485	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	123125	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	166263	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.69	46	223690	35.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.86%
24) Chloroform-d	5.11	84	179946	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.75	65	124028	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.77	84	415419	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.74	67	150053	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	332181	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.21	79	48426	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.69	63	220597	44.90	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115592	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	74679	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

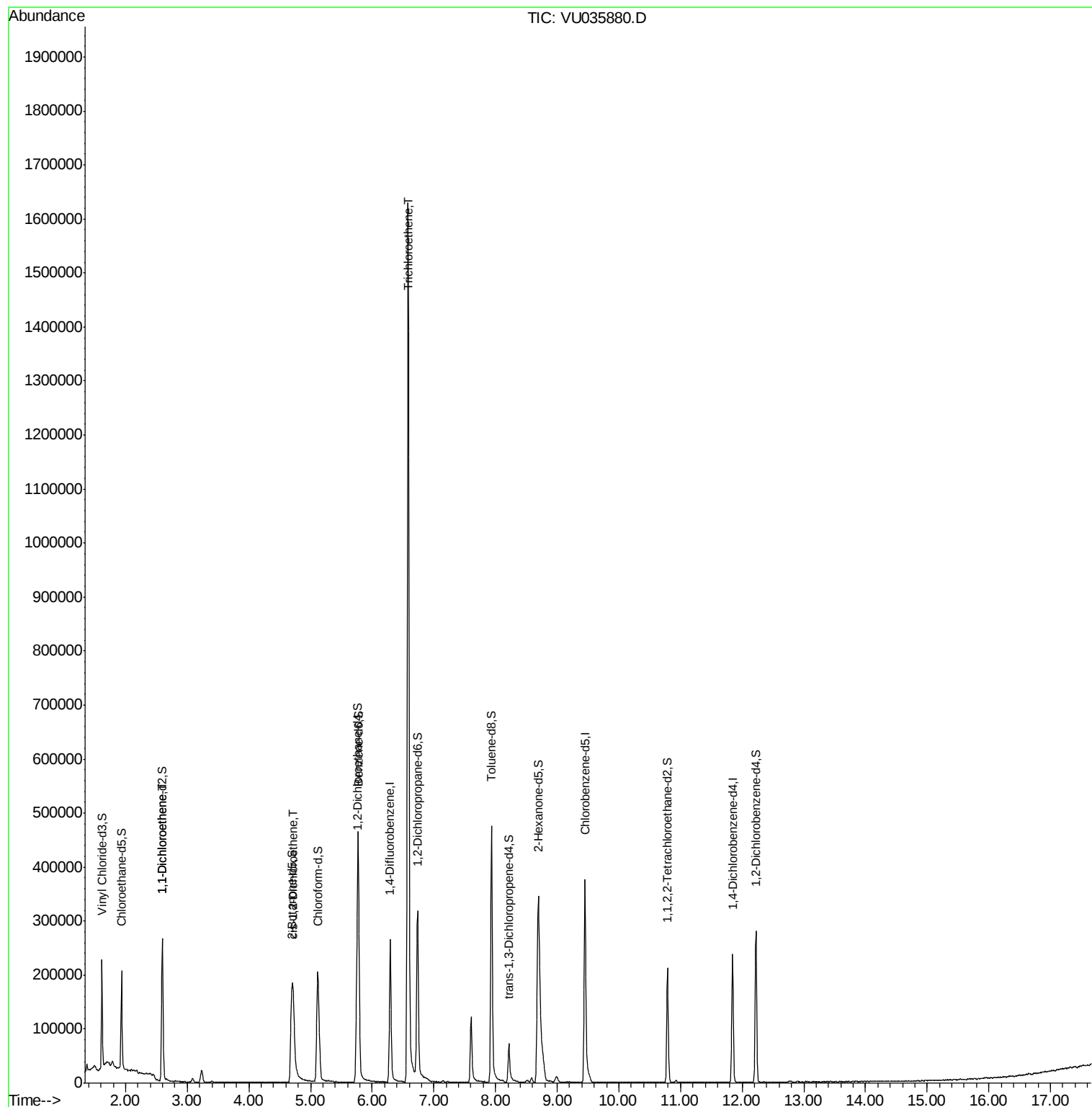
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.61	96	5327	0.245 ug/L	# 1
22) cis-1,2-Dichloroethene	4.72	96	42776	1.794 ug/L	97
34) Trichloroethene	6.58	95	586256	23.442 ug/L	98

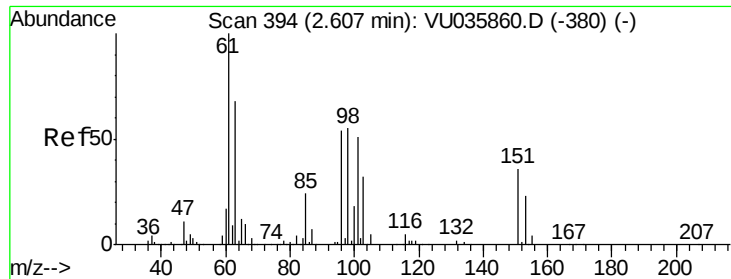
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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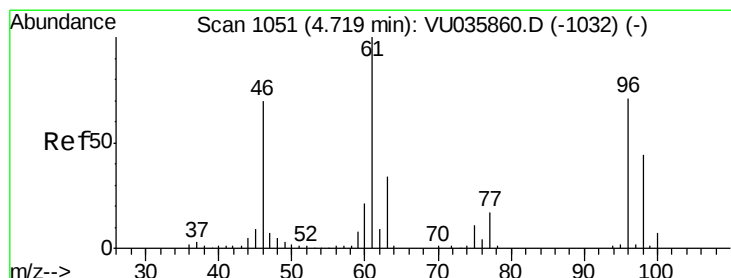
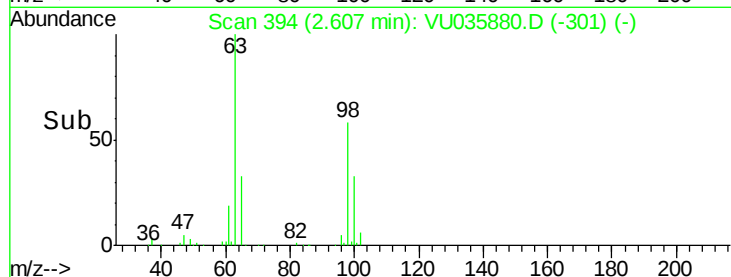
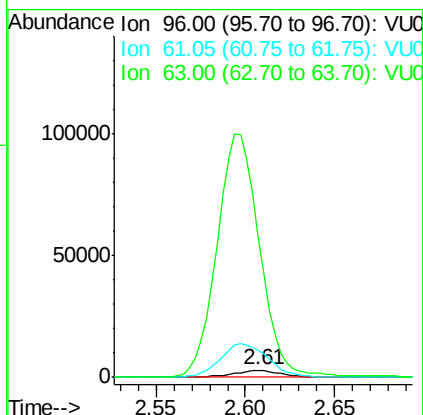
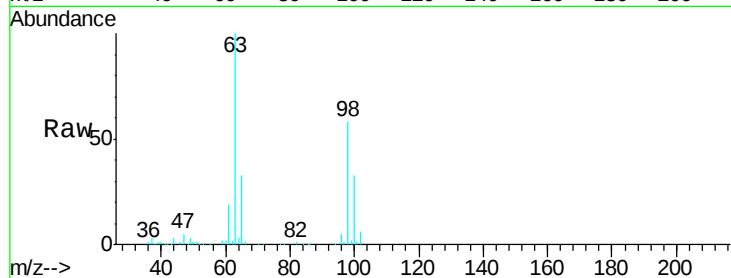




#12
 1,1-Dichloroethene
 Concen: 0.245 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: VU035880.D
 Acq: 27 Nov 2019 00:35

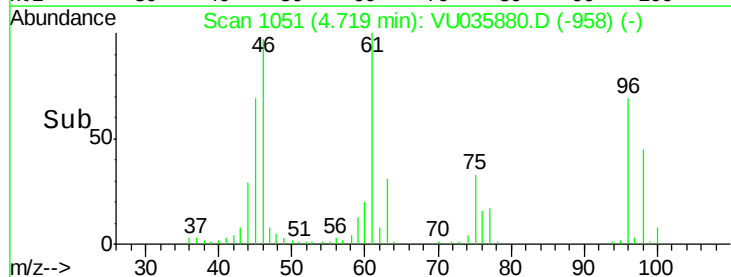
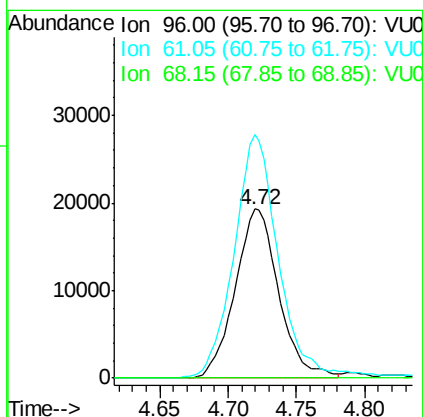
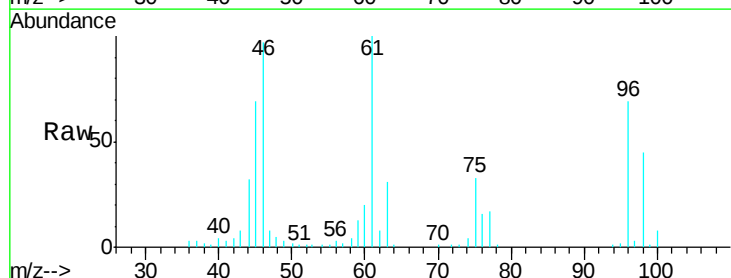
Instrument :
 MSVOA_U
 ClientSampled :
 GARF2DL

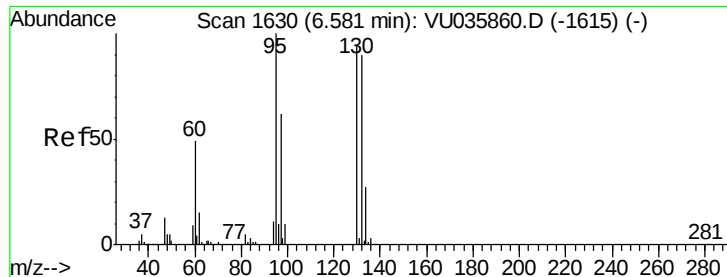
Tgt Ion: 96 Resp: 5327
 Ion Ratio Lower Upper
 96 100
 61 386.4 139.3 258.7#
 63 2015.3 93.7 174.1#



#22
 cis-1,2-Dichloroethene
 Concen: 1.794 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035880.D
 Acq: 27 Nov 2019 00:35

Tgt Ion: 96 Resp: 42776
 Ion Ratio Lower Upper
 96 100
 61 144.1 98.1 182.1
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 23.442 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035880.D

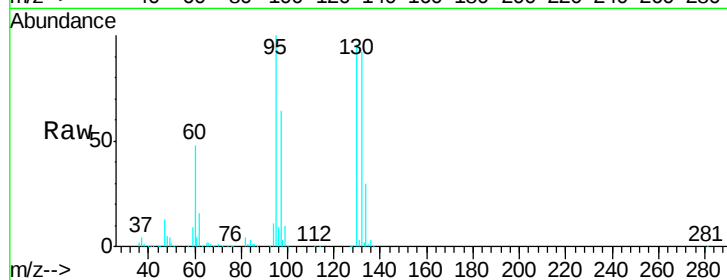
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MSVOA_U

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Tgt Ion: 95 Resp: 586256

Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 92.2 61.9 114.9

130 96.5 66.3 123.1

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

