

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112719\
 Data File : VU035903.D
 Acq On : 27 Nov 2019 18:36
 Operator : JC/SP
 Sample : K5992-11DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF2DL

Quant Time: Dec 06 00:33:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101963	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128268	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	121215	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	158449	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.70	46	389538	56.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.00%
24) Chloroform-d	5.11	84	227017	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.75	65	130827	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	431752	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.73	67	153961	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.93	98	334565	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	8.21	79	52817	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.68	63	280243	51.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	133130	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	109042	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

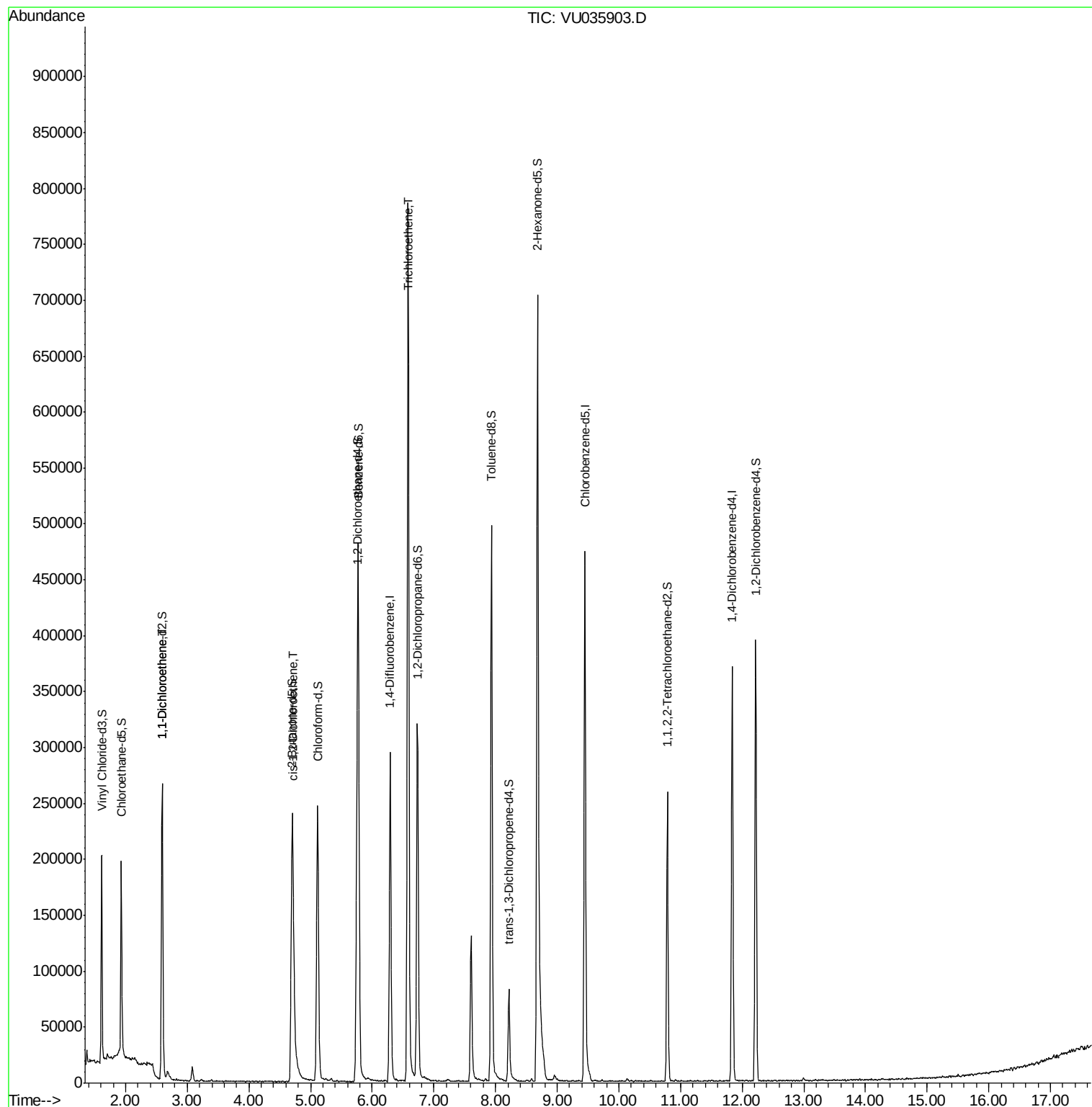
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.60	96	3058	0.128 ug/L #	1
22) cis-1,2-Dichloroethene	4.72	96	21808	0.830 ug/L	96
34) Trichloroethene	6.58	95	277698	9.979 ug/L	99

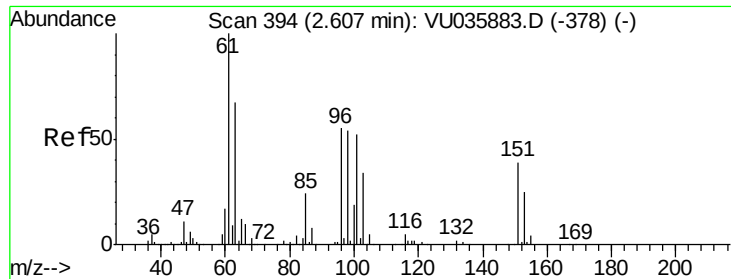
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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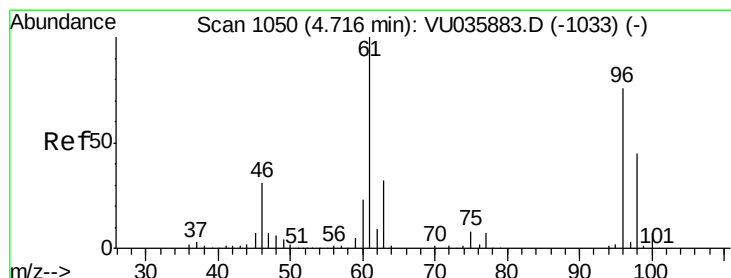
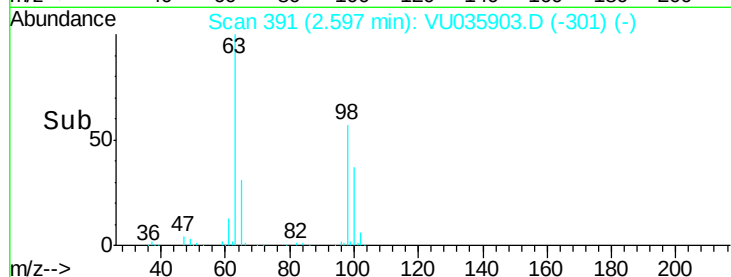
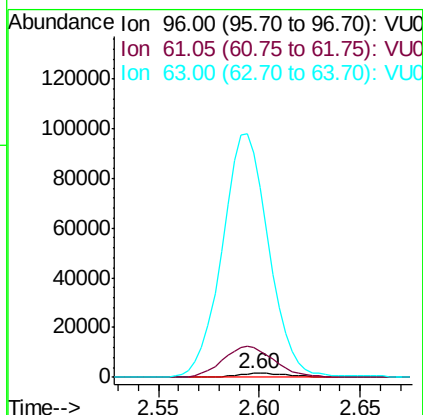
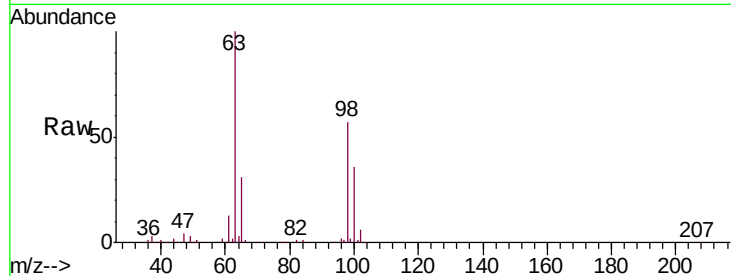




#12
 1,1-Dichloroethene
 Concen: 0.128 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035903.D
 Acq: 27 Nov 2019 18:36

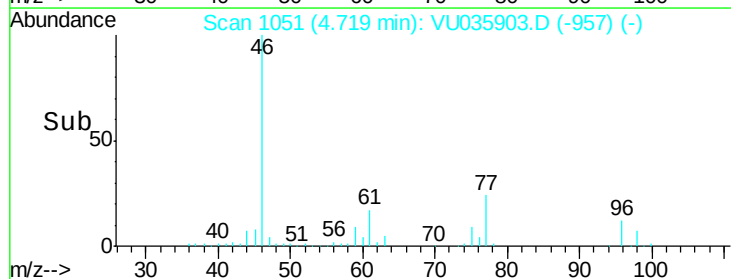
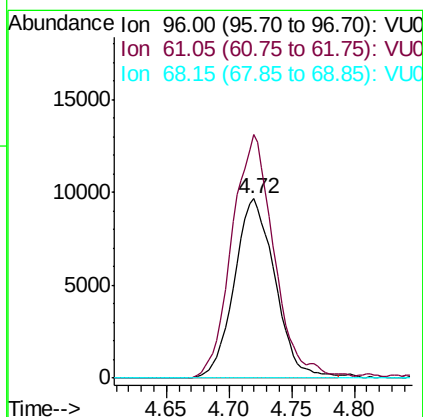
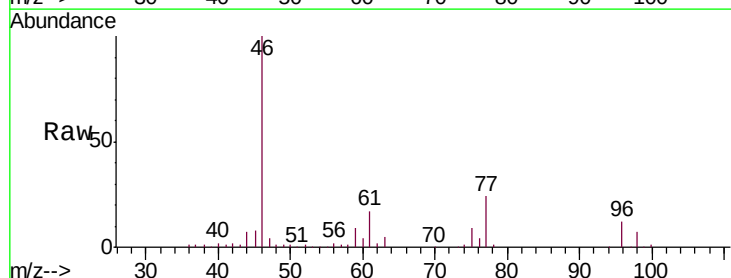
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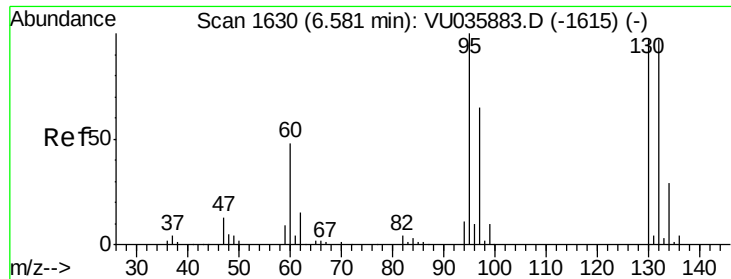
Tgt Ion: 96 Resp: 3058
 Ion Ratio Lower Upper
 96 100
 61 793.8 139.3 258.7#
 63 5916.1 93.7 174.1#



#22
 cis-1,2-Dichloroethene
 Concen: 0.830 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035903.D
 Acq: 27 Nov 2019 18:36

Tgt Ion: 96 Resp: 21808
 Ion Ratio Lower Upper
 96 100
 61 135.7 98.1 182.1
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.979 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035903.D

Acq: 27 Nov 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

GARF2DL

Tgt Ion: 95 Resp: 277698

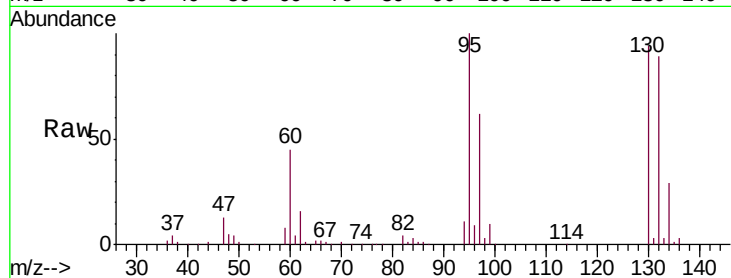
Ion Ratio Lower Upper

95 100

97 62.2 45.1 83.9

132 89.1 61.9 114.9

130 93.8 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

