

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031809.D
 Acq On : 07 May 2019 17:01
 Operator : JC/SP
 Sample : K2694-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG3

Quant Time: May 08 08:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	624268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	611320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	235480	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.14%
7) Chloroethane-d5	1.68	69	182617	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.27	63	375540	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.18	46	472883	99.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.90%
24) Chloroform-d	4.64	84	454170	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	327639	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.34	84	882826	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.33	67	315229	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.56	98	712448	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.85	79	125141	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.31	63	257286	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	389403	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	215638	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%

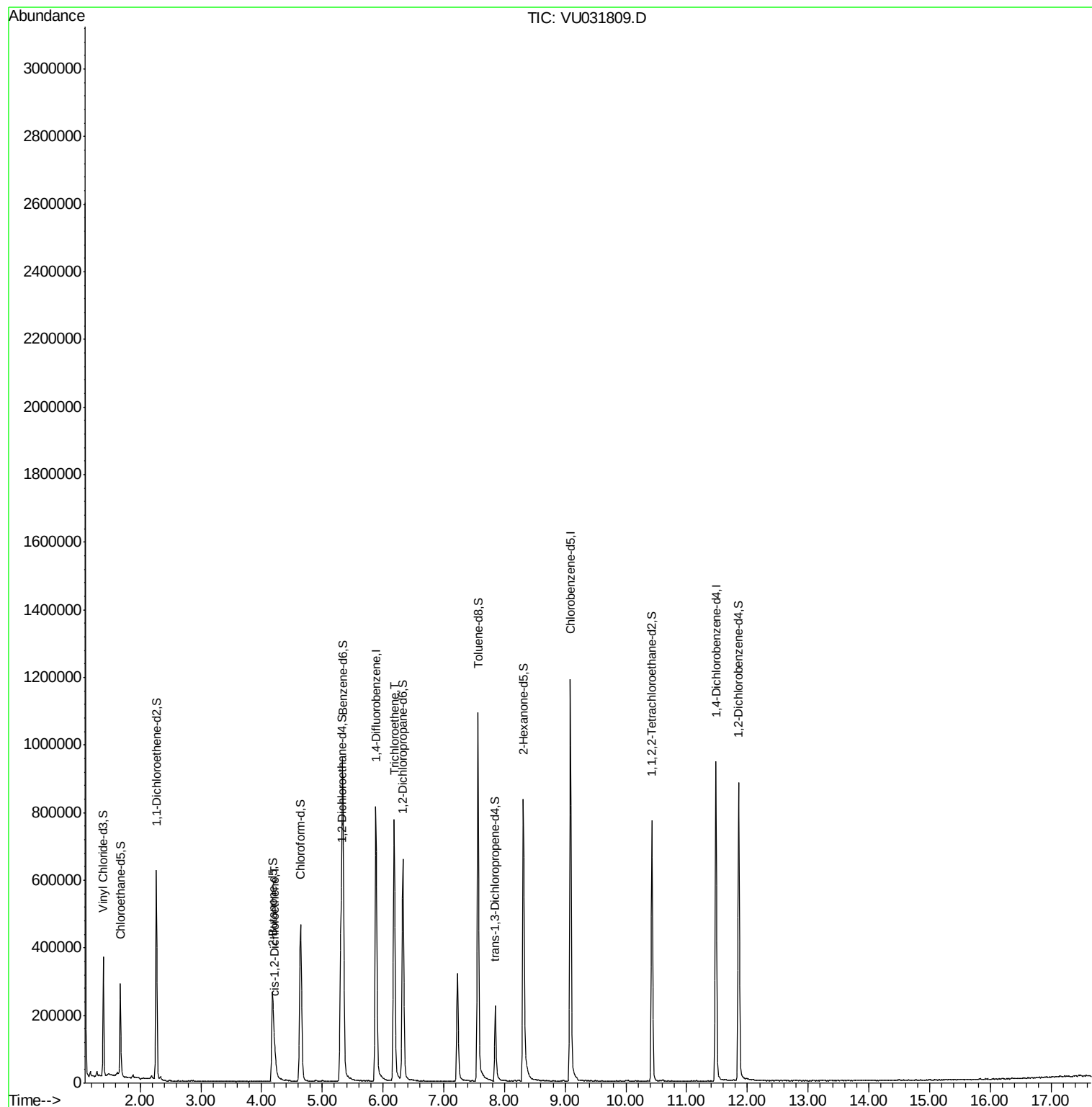
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	15414	2.831 ug/L	70
34) Trichloroethene	6.18	95	280725	51.526 ug/L	93

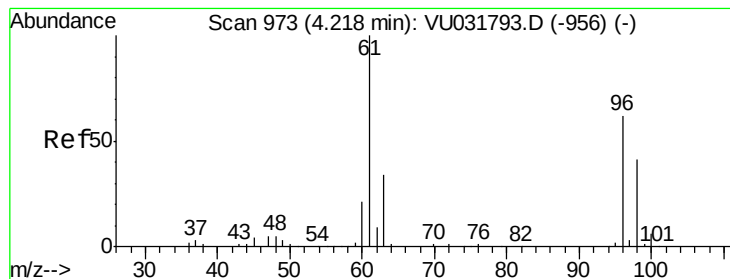
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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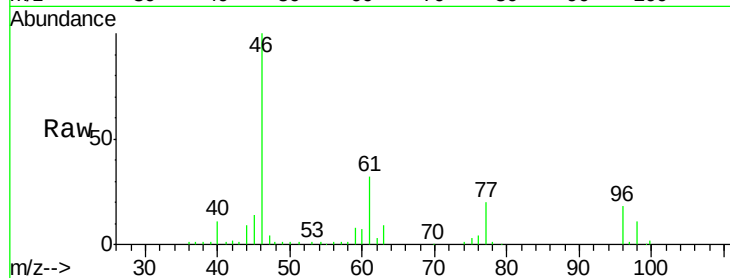


#20

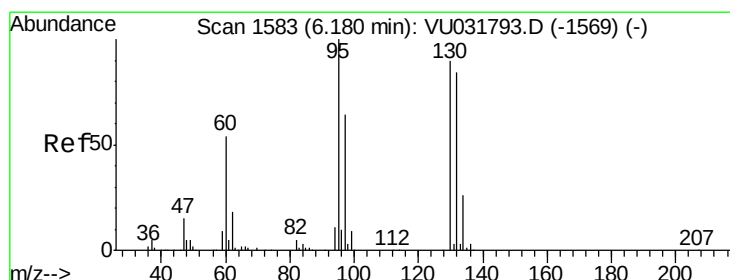
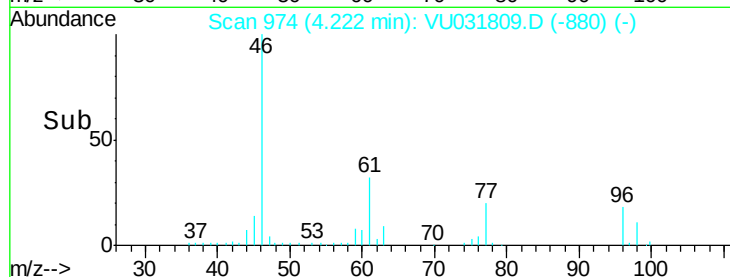
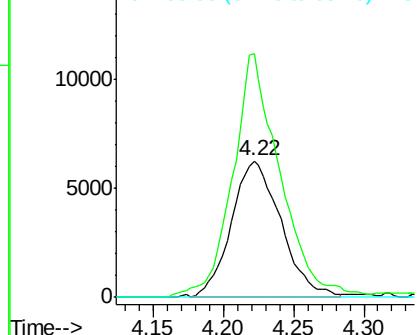
cis-1,2-Dichloroethene
 Concen: 2.831 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031809.D
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Tot Ion: 96 Resp: 15414
 Ion Ratio Lower Upper
 96 100
 61 178.4 99.5 184.7
 68 0.0 0.0 0.0



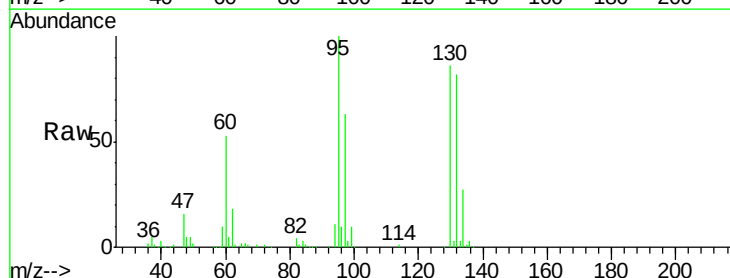
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 51.526 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031809.D
 Acq: 07 May 2019 17:01

Tgt Ion: 95 Resp: 280725
 Ion Ratio Lower Upper
 95 100
 97 63.1 44.8 83.2
 132 81.9 63.1 117.1
 130 85.8 66.5 123.5



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

