

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031804.D
 Acq On : 07 May 2019 15:04
 Operator : JC/SP
 Sample : K2694-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH6

Quant Time: May 08 08:03:08 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	635321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	606549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218982	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	239920	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.24%
7) Chloroethane-d5	1.68	69	185058	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.08%
11) 1,1-Dichloroethene-d2	2.27	63	388604	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.18	46	506317	105.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.64	84	461361	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.31	65	328436	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.34	84	889682	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.33	67	323229	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	735625	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.85	79	127446	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.31	63	273368	96.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405394	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	220446	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

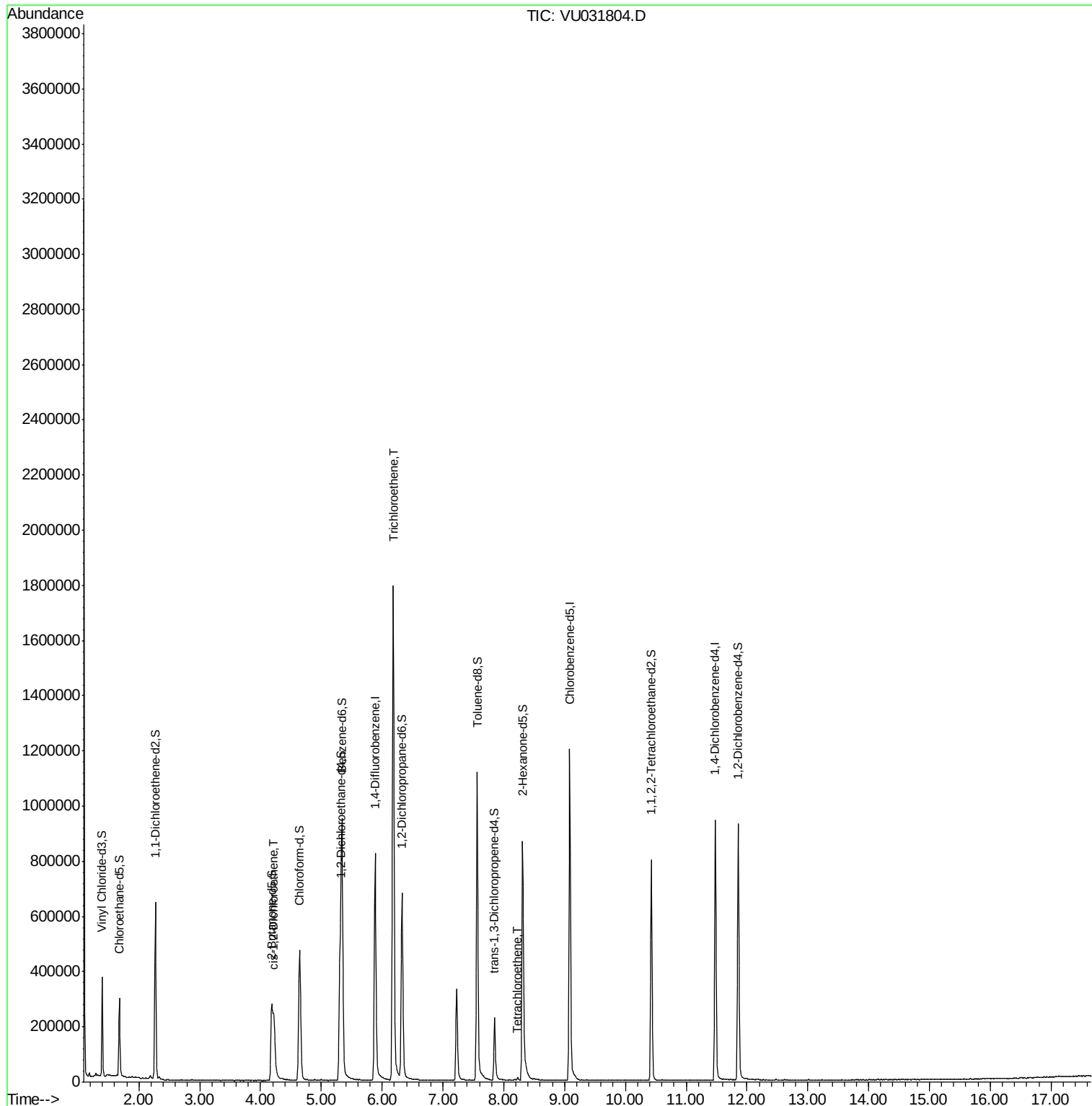
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	80937	14.609 ug/L	92
34) Trichloroethene	6.18	95	663199	122.686 ug/L	94
46) Tetrachloroethene	8.22	164	1769	0.480 ug/L	87

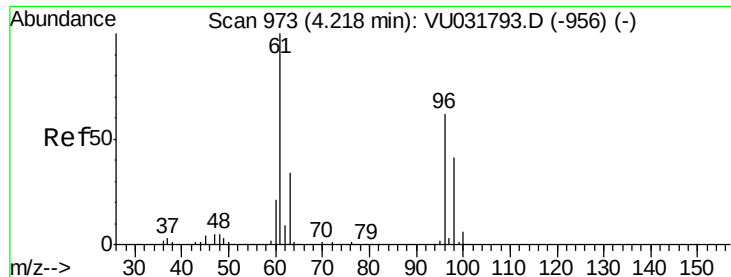
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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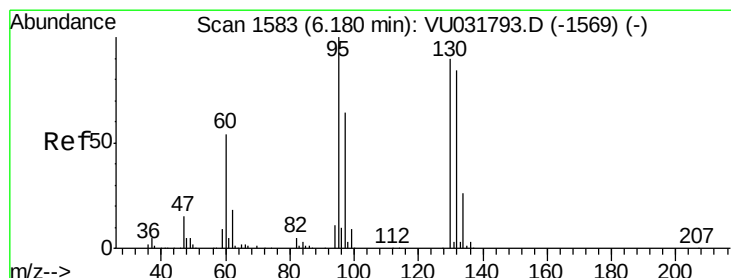
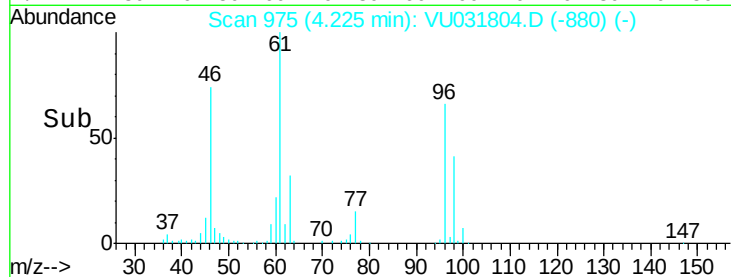
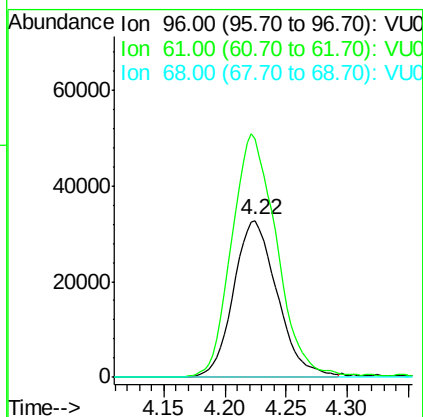
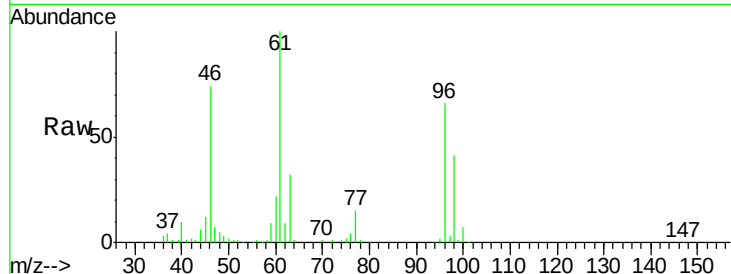




#20
 cis-1,2-Dichloroethene
 Concen: 14.609 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

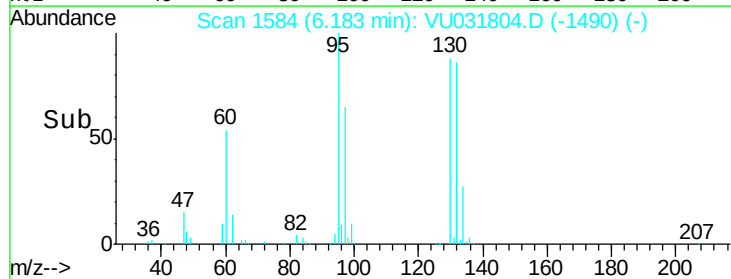
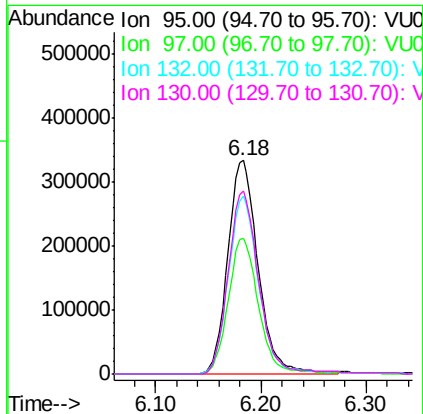
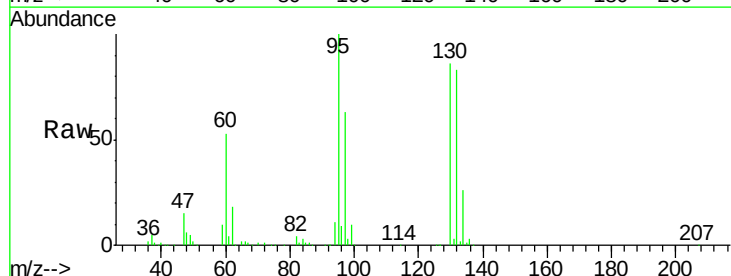
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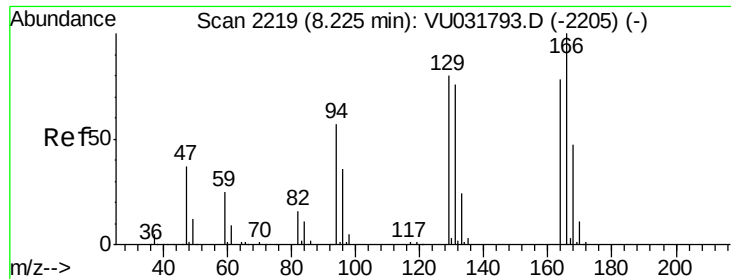
Tot Ion: 96 Resp: 80937
 Ion Ratio Lower Upper
 96 100
 61 152.3 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 122.686 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

Tgt Ion: 95 Resp: 663199
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.8 83.2
 132 83.3 63.1 117.1
 130 85.6 66.5 123.5





#46

Tetrachloroethene

Concen: 0.480 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031804.D

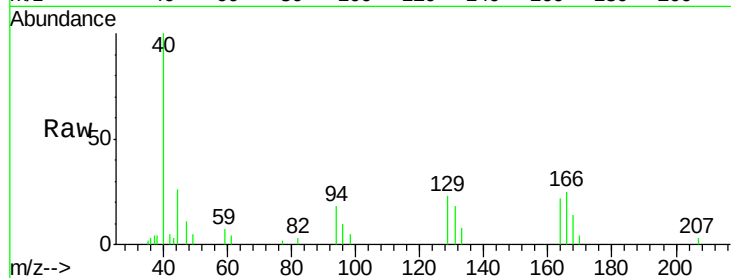
Acq: 07 May 2019 15:04

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Tot Ion:164 Resp: 1769

Ion Ratio Lower Upper

164 100

129 105.2 71.5 132.9

131 81.5 69.0 128.2

166 113.7 93.7 173.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

