

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030107.D
 Acq On : 15 Mar 2019 13:40
 Operator : JC/SP
 Sample : K1936-20 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B5

Quant Time: Mar 16 00:38:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104457	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.58%
7) Chloroethane-d5	1.68	69	100540	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.62%
11) 1,1-Dichloroethene-d2	2.27	63	161756	26.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.70%#
21) 2-Butanone-d5	4.17	46	268792	107.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.47%
24) Chloroform-d	4.65	84	268668	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.31	65	165656	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.34	84	548582	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	183992	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.56	98	491683	41.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.82%
43) trans-1,3-Dichloropropene-	7.85	79	85505	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.31	63	224534	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295575	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	225324	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

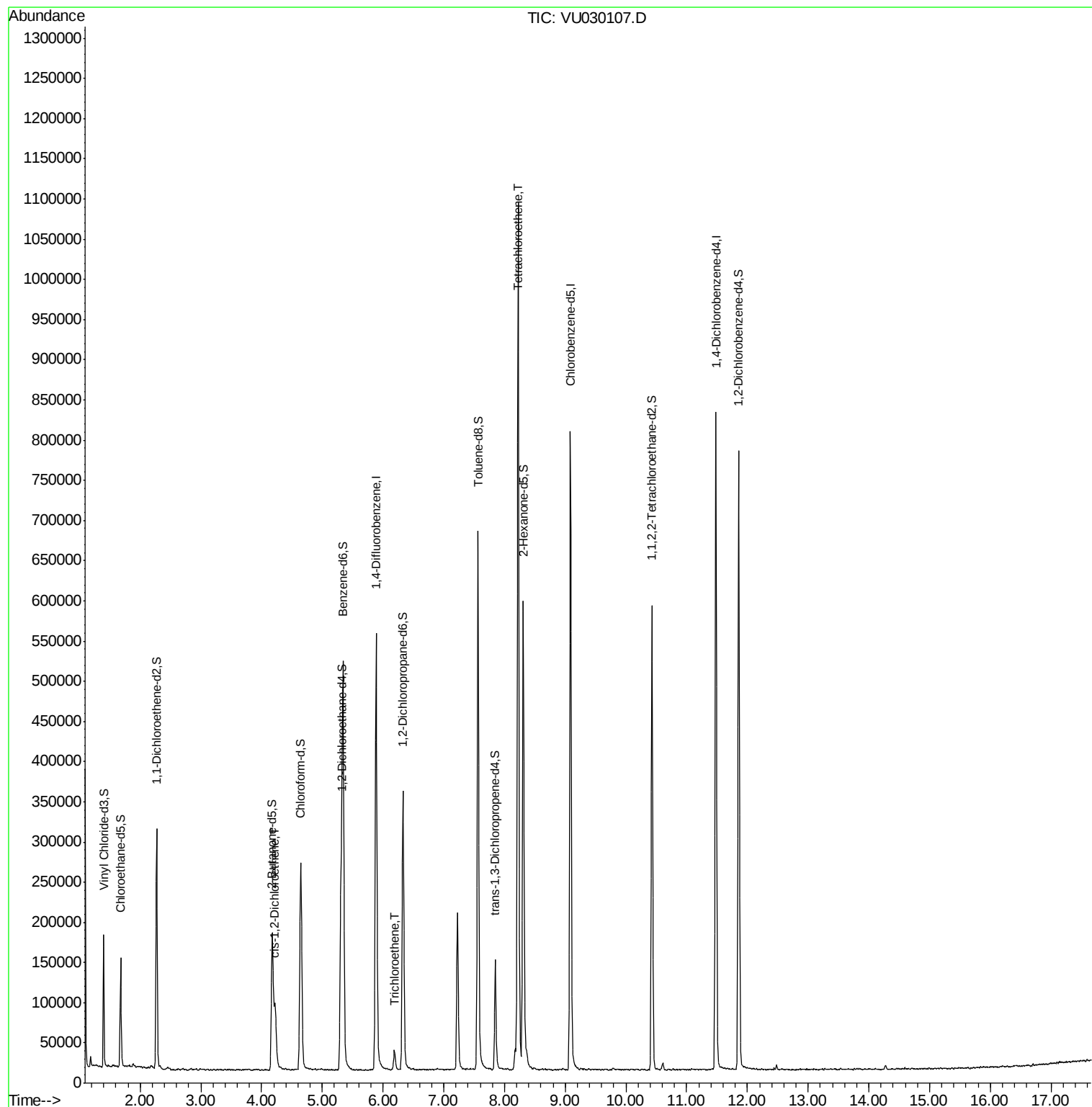
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	39410	10.050	ug/L 99
34) Trichloroethene	6.19	95	8466	2.291	ug/L 91
46) Tetrachloroethene	8.22	164	268314	82.985	ug/L 100

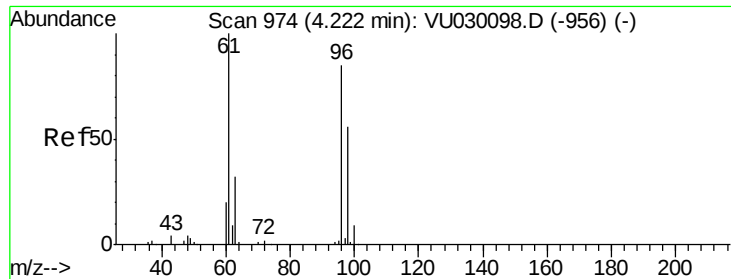
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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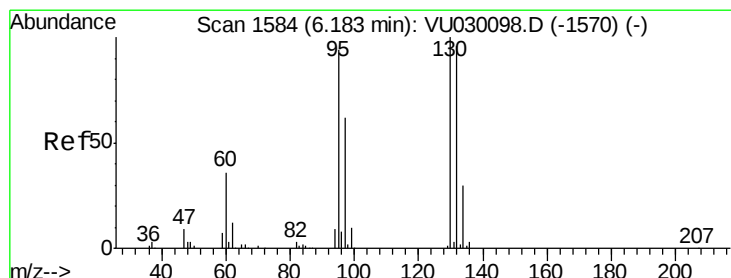
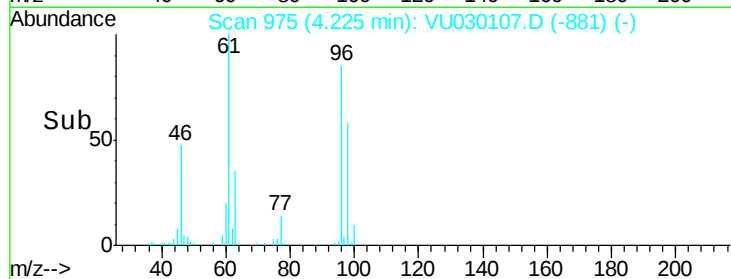
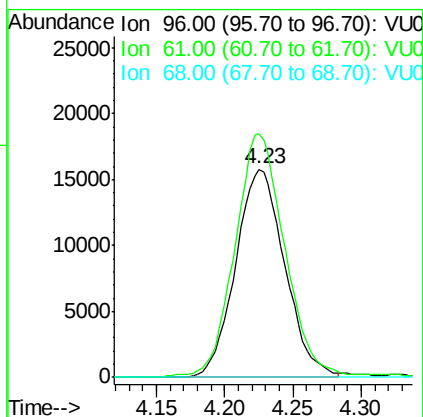
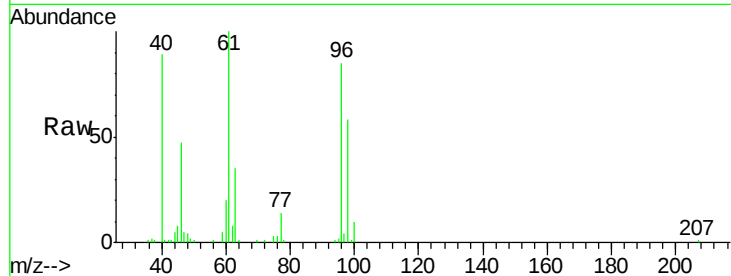




#20
 cis-1,2-Dichloroethene
 Concen: 10.050 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030107.D
 Acq: 15 Mar 2019 13:40

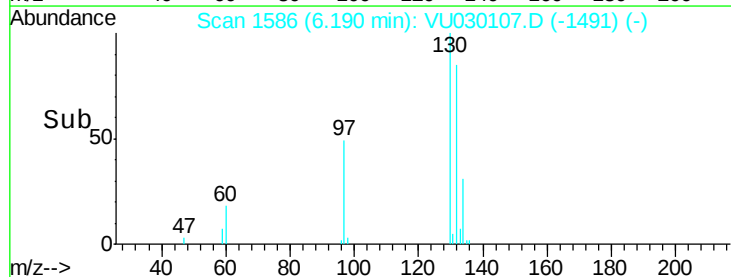
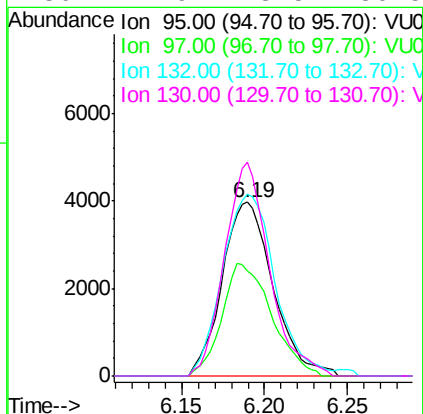
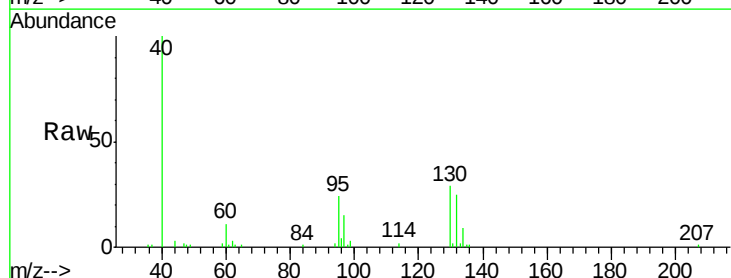
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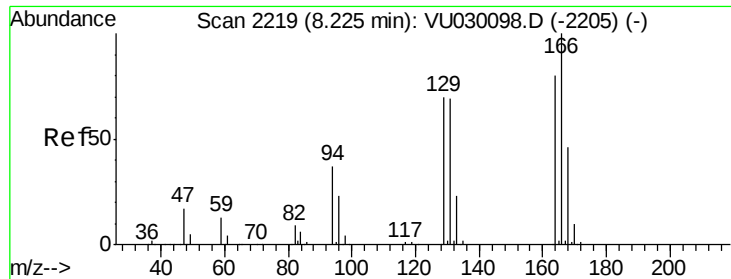
Tot Ion: 96 Resp: 39410
 Ion Ratio Lower Upper
 96 100
 61 117.1 80.8 150.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.291 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU030107.D
 Acq: 15 Mar 2019 13:40

Tgt Ion: 95 Resp: 8466
 Ion Ratio Lower Upper
 95 100
 97 60.6 45.5 84.5
 132 104.2 71.5 132.7
 130 122.9 73.5 136.5





#46

Tetrachloroethene

Concen: 82.985 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030107.D

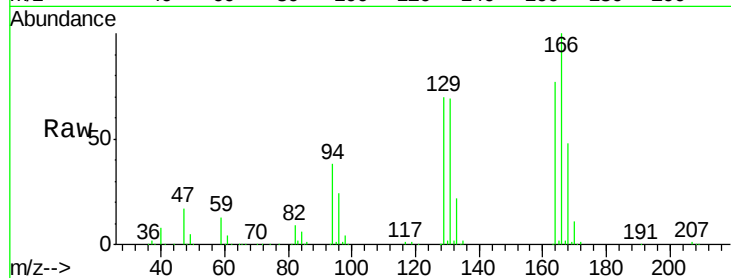
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Tot Ion:164 Resp: 268314

Ion Ratio Lower Upper

164 100

129 91.0 63.3 117.7

131 88.9 62.0 115.2

166 129.3 90.5 168.1

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

