

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
 Data File : VU030894.D
 Acq On : 08 Apr 2019 10:45
 Operator : JC/SP
 Sample : K2327-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S4

Quant Time: Apr 08 12:55:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	492093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	490092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	239484	54.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.04%
7) Chloroethane-d5	1.68	69	189652	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.76%
11) 1,1-Dichloroethene-d2	2.27	63	339419	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
21) 2-Butanone-d5	4.17	46	370017	106.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.64	84	365727	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.31	65	264197	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
32) Benzene-d6	5.34	84	758426	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.32	67	259175	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.56	98	656367	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%
43) trans-1,3-Dichloropropene-	7.85	79	114703	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
47) 2-Hexanone-d5	8.31	63	222858	99.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	349416	52.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	219173	57.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.20%

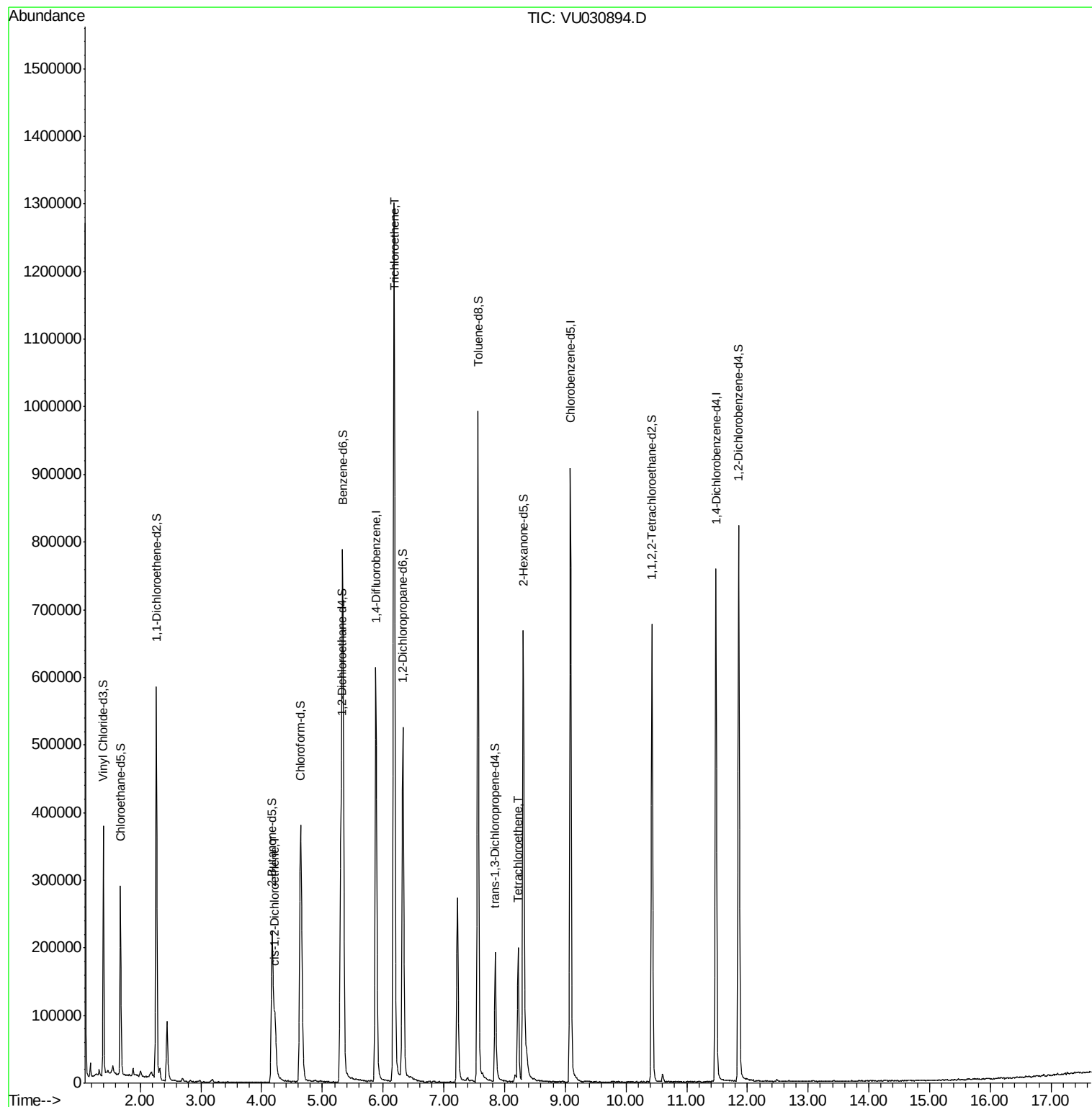
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	37556	9.417 ug/L	89
34) Trichloroethene	6.18	95	469222	119.286 ug/L	99
46) Tetrachloroethene	8.22	164	42429	14.836 ug/L	92

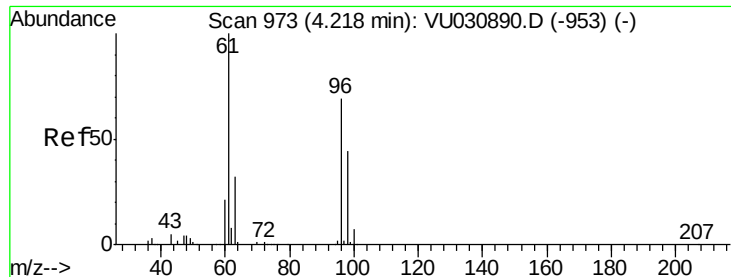
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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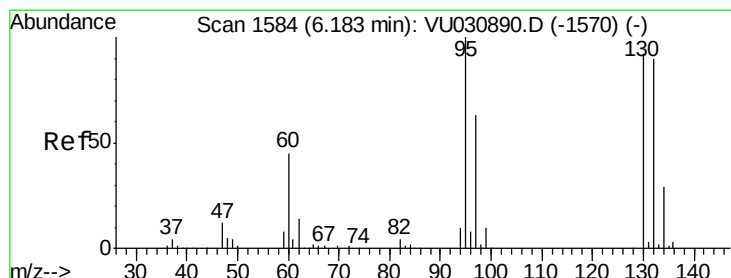
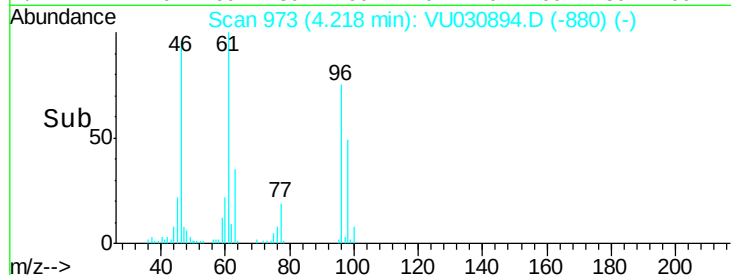
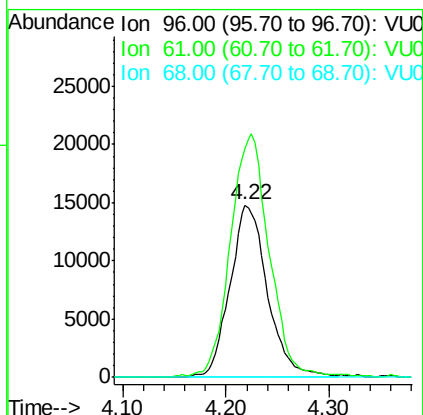
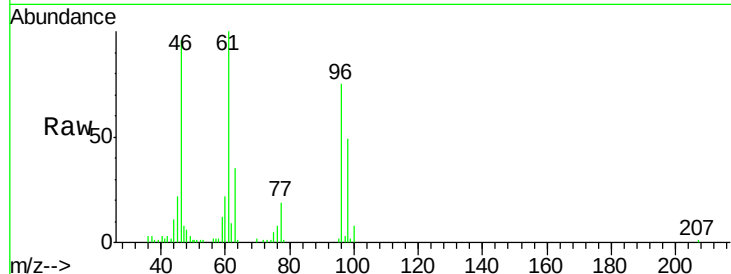




#20
 cis-1,2-Dichloroethene
 Concen: 9.417 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030894.D
 Acq: 08 Apr 2019 10:45

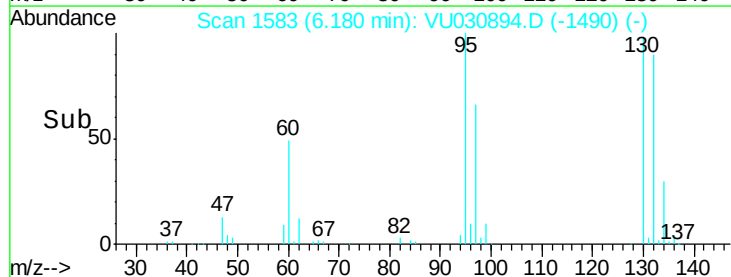
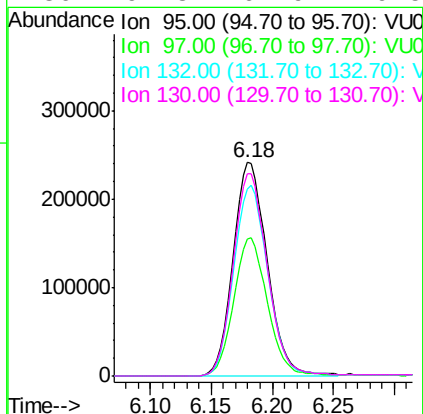
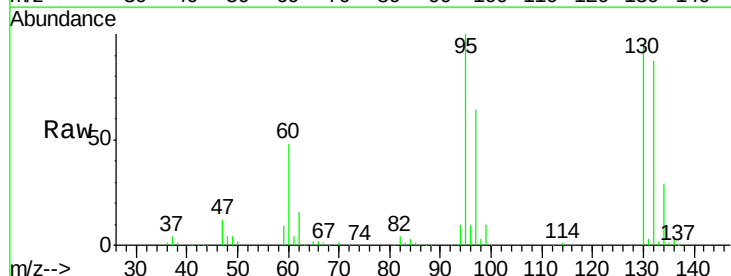
Instrument :
 MSVOA_U
 ClientSampled :
 BF2S4

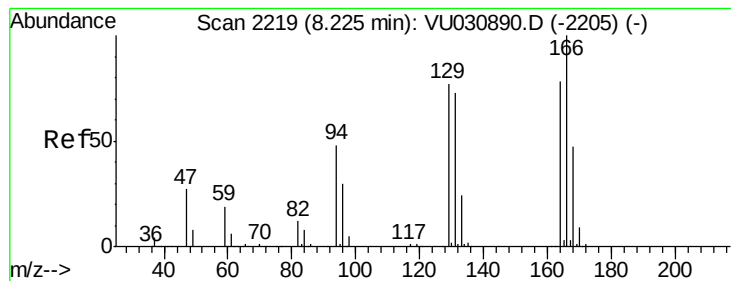
Tot Ion: 96 Resp: 37556
 Ion Ratio Lower Upper
 96 100
 61 132.7 102.9 191.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 119.286 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030894.D
 Acq: 08 Apr 2019 10:45

Tgt Ion: 95 Resp: 469222
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.5 82.7
 132 87.4 61.5 114.1
 130 94.8 64.9 120.5





#46

Tetrachloroethene

Concen: 14.836 ug/L

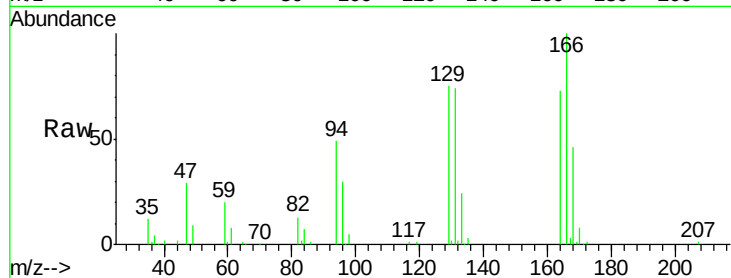
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030894.D

Acq: 08 Apr 2019 10:45

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Tot Ion:164 Resp: 42429

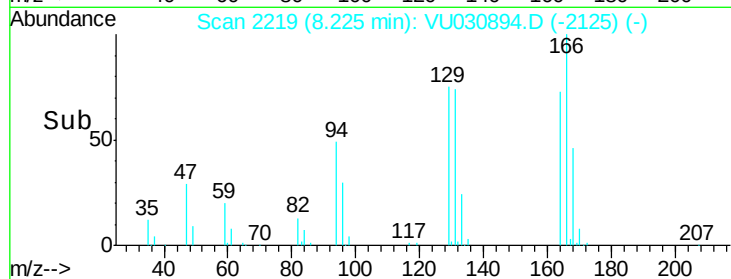
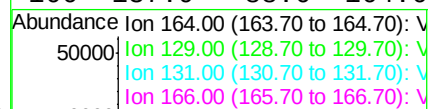
Ion Ratio Lower Upper

164 100

129 103.6 67.4 125.2

131 101.4 65.9 122.5

166 137.9 88.6 164.6



Time-->