

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030323.D
 Acq On : 22 Mar 2019 21:00
 Operator : JC/SP
 Sample : K2048-08 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A0

Quant Time: Mar 23 05:36:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	529864	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134776	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.24%
7) Chloroethane-d5	1.68	69	121306	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.68%
11) 1,1-Dichloroethene-d2	2.27	63	193109	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.17	46	254094	95.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.65	84	282307	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.31	65	167836	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
32) Benzene-d6	5.34	84	592678	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.33	67	192597	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.96%
41) Toluene-d8	7.56	98	522005	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.85	79	81850	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.26%
47) 2-Hexanone-d5	8.31	63	202222	93.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294793	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	217605	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%

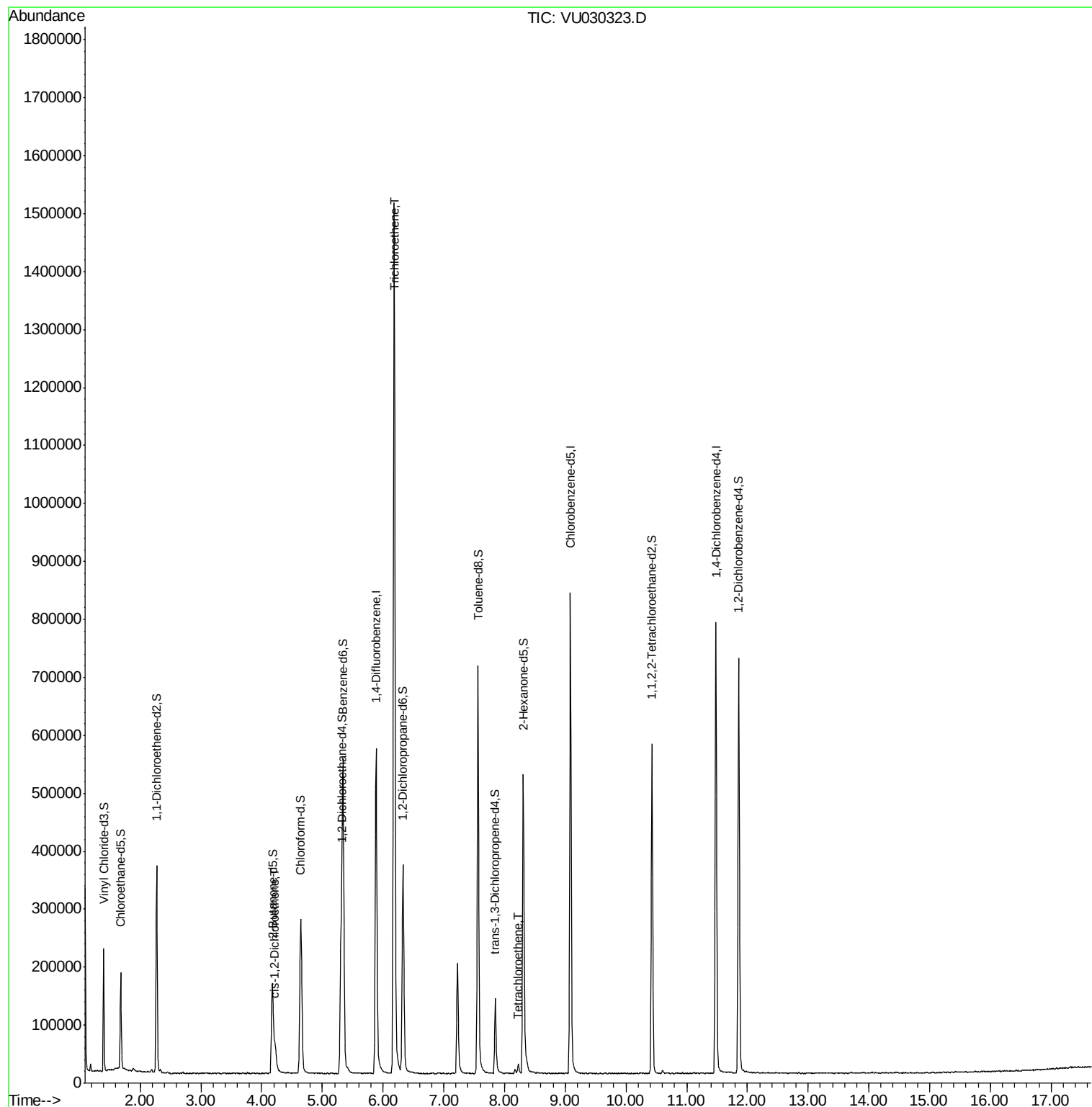
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	20708	5.073 ug/L	98
34) Trichloroethene	6.18	95	551016	141.058 ug/L	99
46) Tetrachloroethene	8.23	164	4506	1.365 ug/L	85

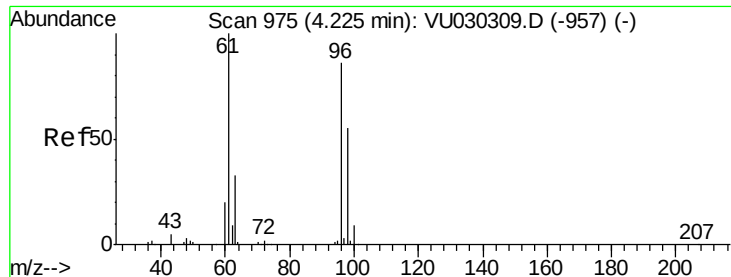
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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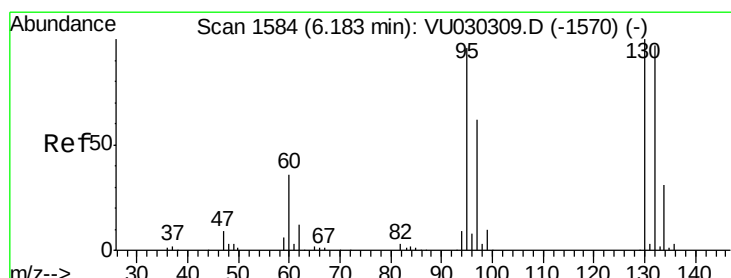
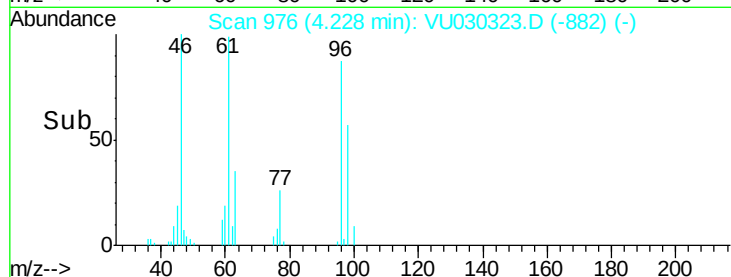
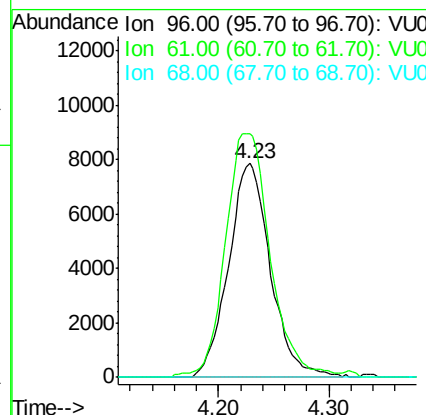
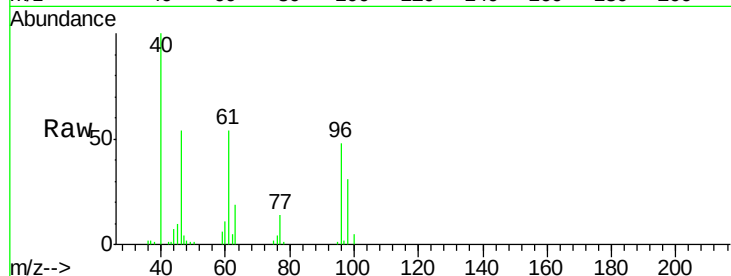




#20
 cis-1,2-Dichloroethene
 Concen: 5.073 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VU030323.D
 Acq: 22 Mar 2019 21:00

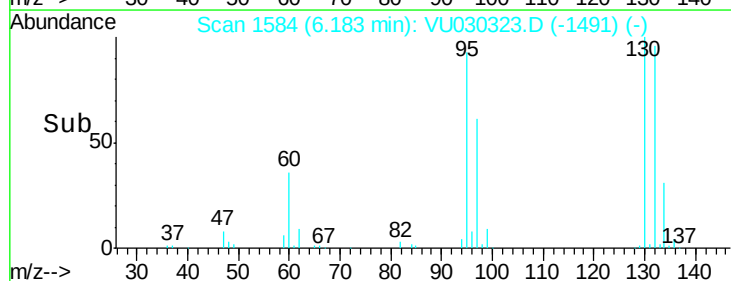
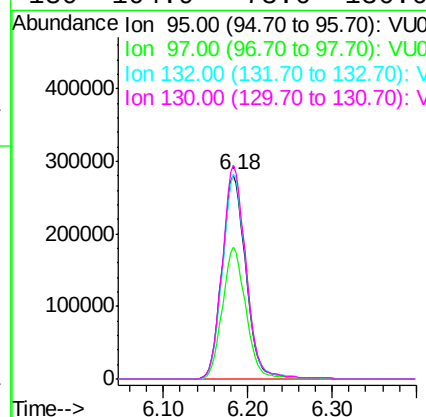
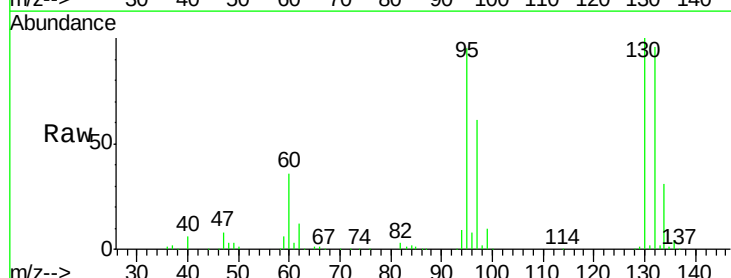
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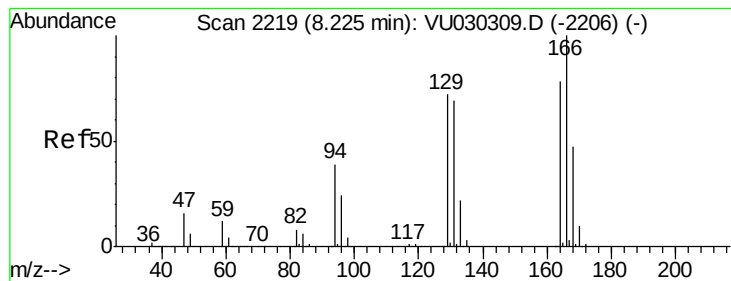
Tot Ion: 96 Resp: 20708
 Ion Ratio Lower Upper
 96 100
 61 113.7 81.5 151.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 141.058 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030323.D
 Acq: 22 Mar 2019 21:00

Tgt Ion: 95 Resp: 551016
 Ion Ratio Lower Upper
 95 100
 97 64.5 46.2 85.8
 132 100.8 69.3 128.7
 130 104.9 73.6 136.6





#46

Tetrachloroethene

Concen: 1.365 ug/L

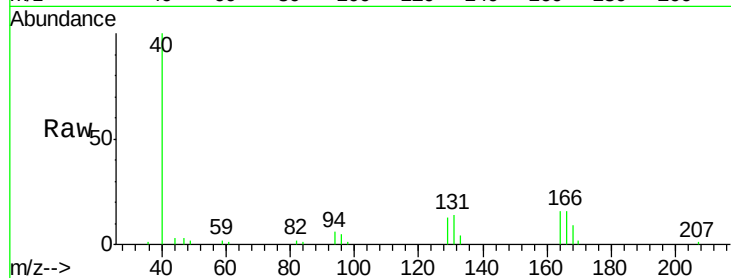
RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030323.D

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Tot Ion:	164	Resp:	4506
Ion	Ratio	Lower	Upper
164	100		
129	78.5	64.4	119.6
131	86.0	63.2	117.4
166	100.6	89.5	166.1

