

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031891.D
 Acq On : 10 May 2019 16:14
 Operator : JC/SP
 Sample : K2740-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG8

Quant Time: May 11 02:45:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 00:57:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1005453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1035655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	396325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370388	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.67	69	318361	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.27	63	523212	31.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.44%
21) 2-Butanone-d5	4.17	46	668517	87.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.64	84	680850	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.31	65	463770	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.34	84	1419037	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.32	67	480883	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	1201152	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	196053	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.64%
47) 2-Hexanone-d5	8.31	63	461371	95.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685591	45.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	403300	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

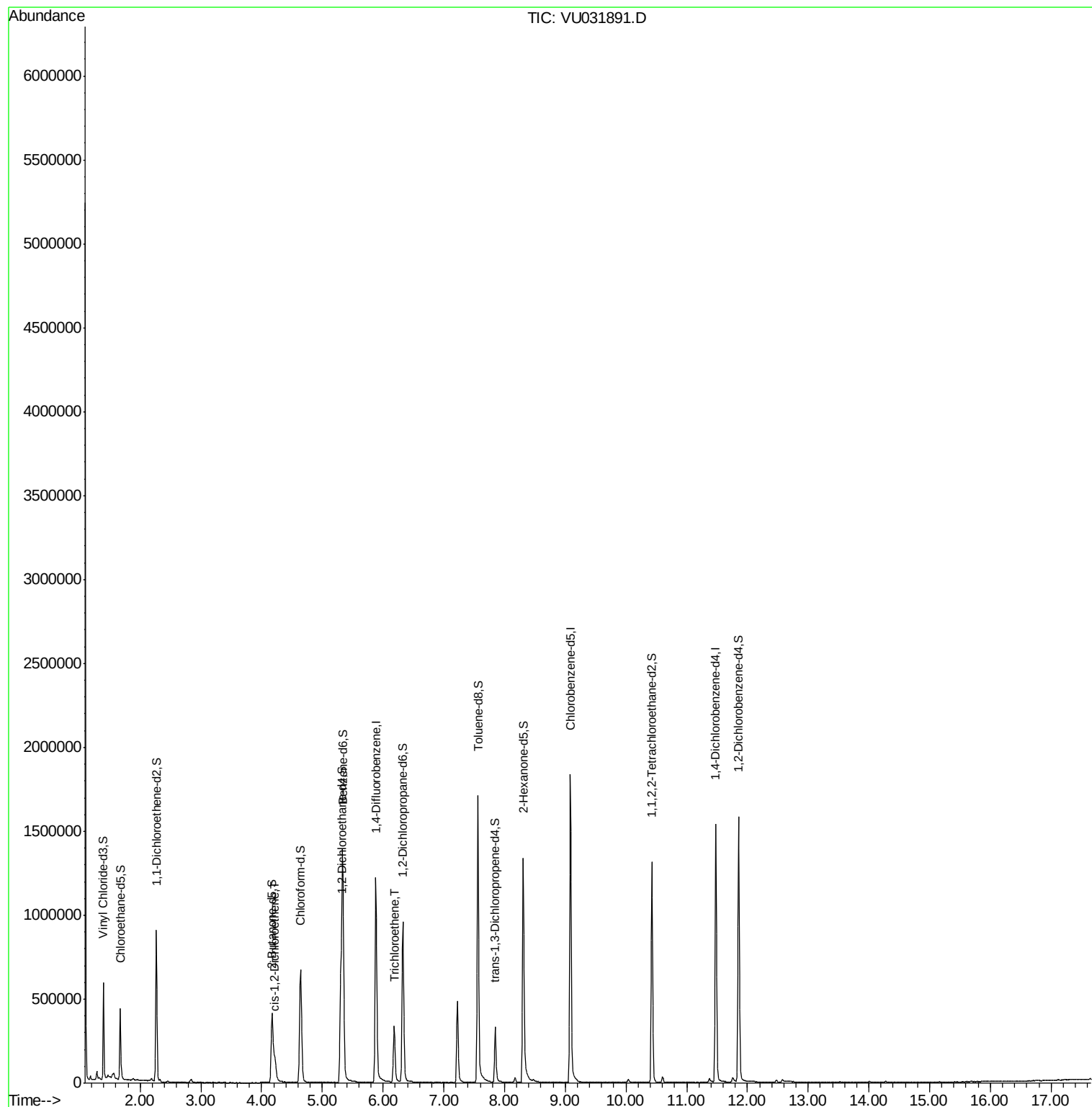
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	55441	6.323 ug/L	99
34) Trichloroethene	6.18	95	125136	13.558 ug/L	99

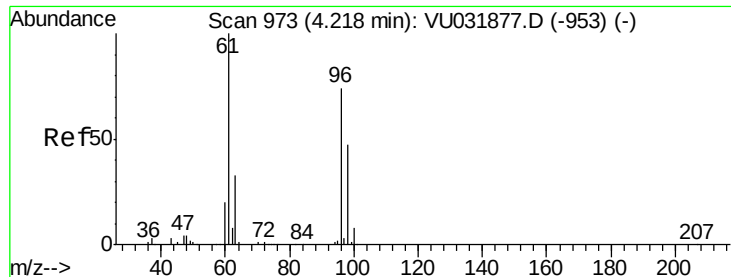
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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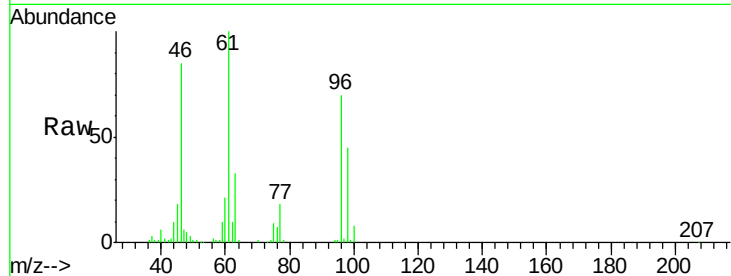


#20

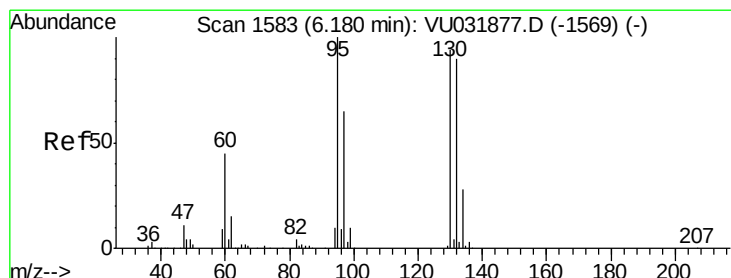
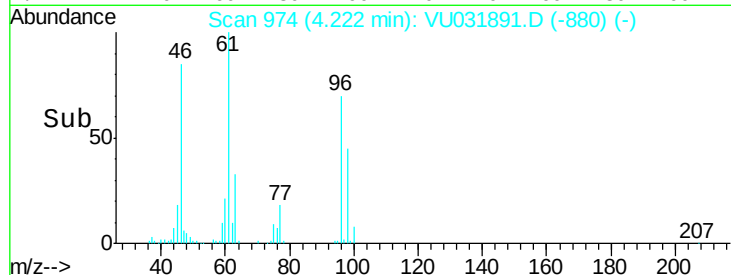
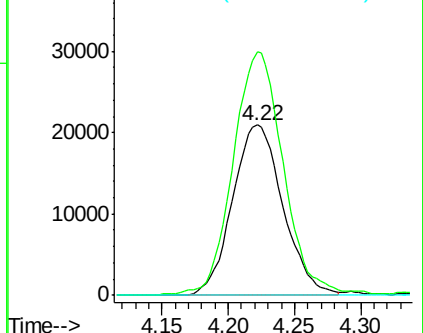
cis-1,2-Dichloroethene
Concen: 6.323 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031891.D
Acq: 10 May 2019 16:14

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Tot Ion: 96 Resp: 55441
Ion Ratio Lower Upper
96 100
61 143.0 99.5 184.7
68 0.0 0.0 0.0



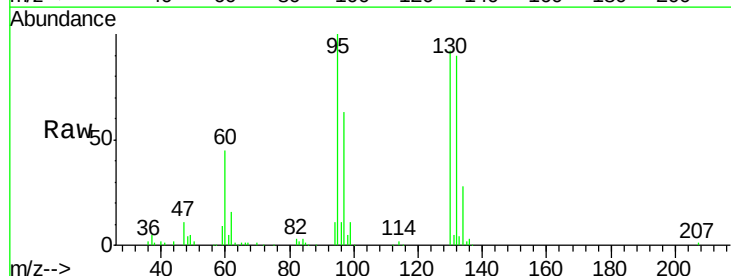
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 13.558 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031891.D
Acq: 10 May 2019 16:14

Tgt Ion: 95 Resp: 125136
Ion Ratio Lower Upper
95 100
97 63.5 44.8 83.2
132 89.7 63.1 117.1
130 92.1 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

