

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030324.D
 Acq On : 22 Mar 2019 21:23
 Operator : JC/SP
 Sample : K2062-06 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A1

Quant Time: Mar 23 05:38:34 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	518531	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505567	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224980	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131961	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.28%
7) Chloroethane-d5	1.68	69	118134	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.27	63	186163	29.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.20%#
21) 2-Butanone-d5	4.17	46	260099	99.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.99%
24) Chloroform-d	4.65	84	279450	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.31	65	166287	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.34	84	579307	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
36) 1,2-Dichloropropane-d6	6.33	67	191176	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.56	98	511277	40.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.62%
43) trans-1,3-Dichloropropene-	7.85	79	82707	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.31	63	209866	98.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298748	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	215004	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

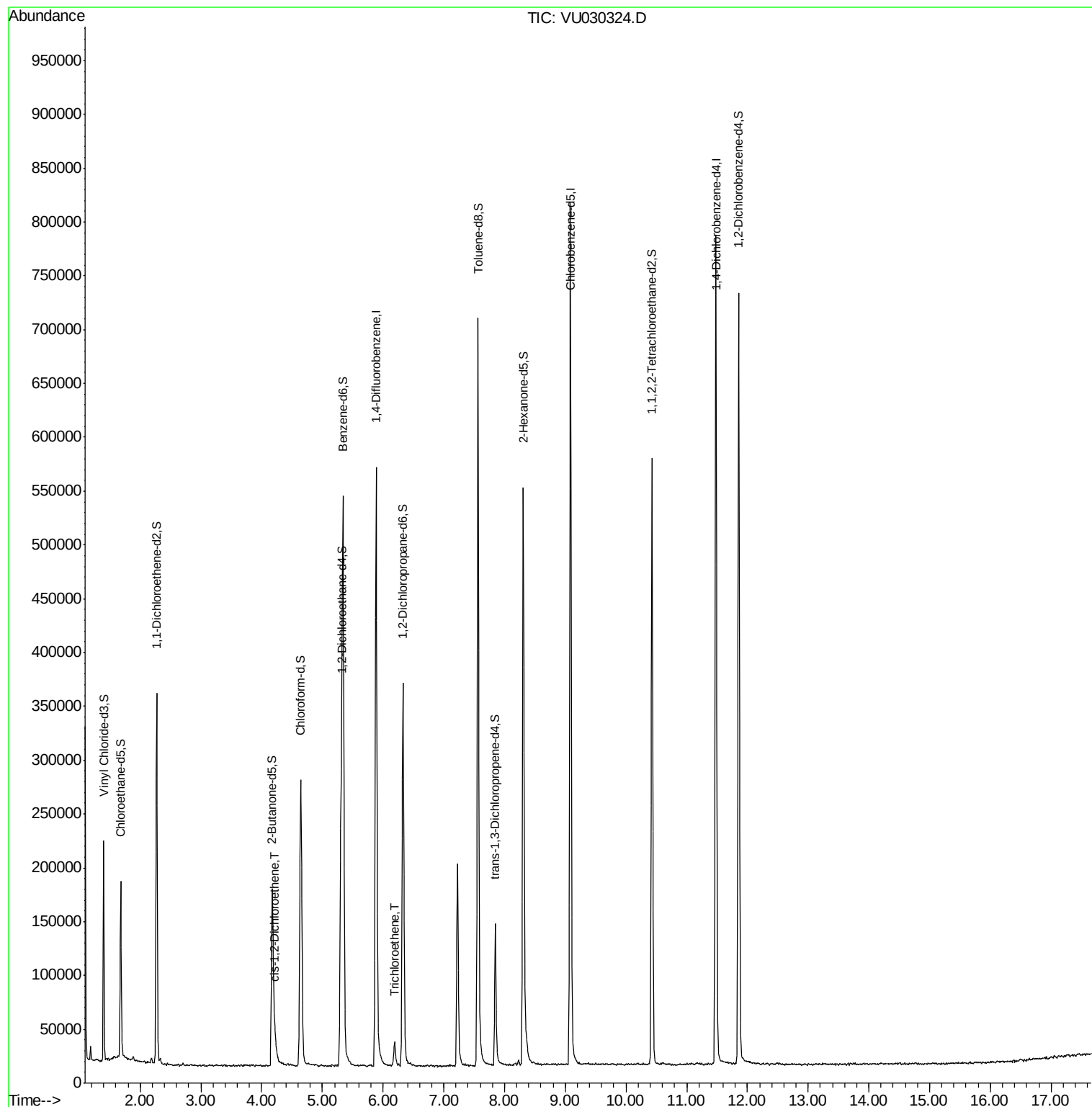
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	7930	1.985 ug/L	86
34) Trichloroethene	6.19	95	8523	2.217 ug/L	97

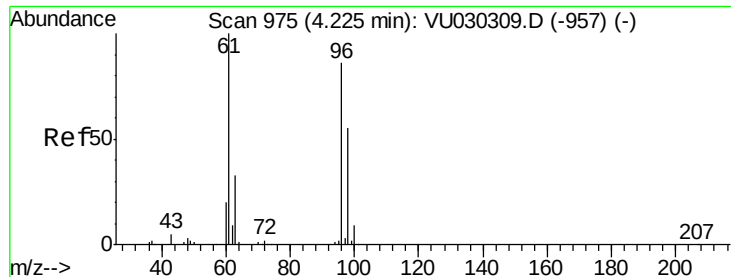
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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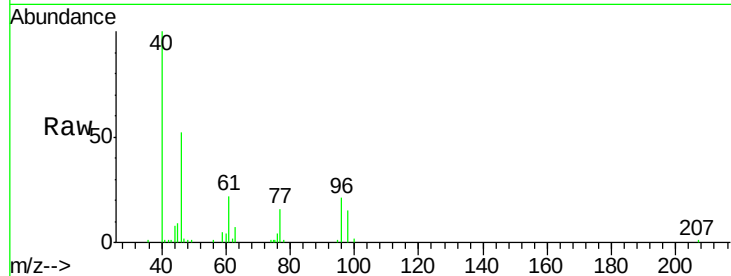


#20

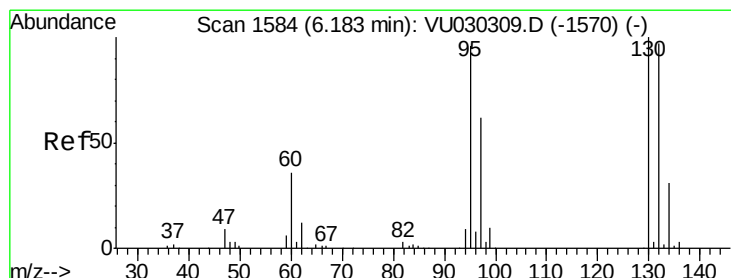
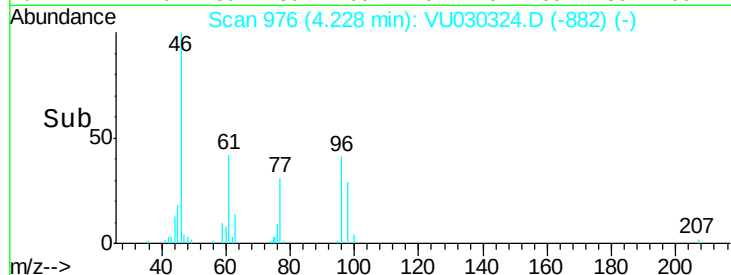
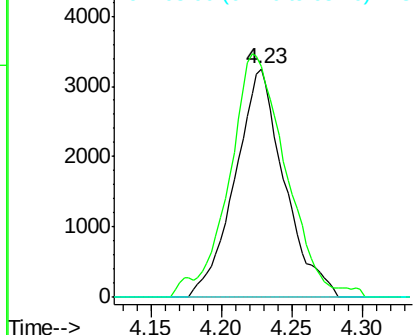
cis-1,2-Dichloroethene
 Concen: 1.985 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VU030324.D
 Acq: 22 Mar 2019 21:23

Instrument :
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Tot Ion: 96 Resp: 7930
 Ion Ratio Lower Upper
 96 100
 61 100.9 81.5 151.3
 68 0.0 0.0 0.0



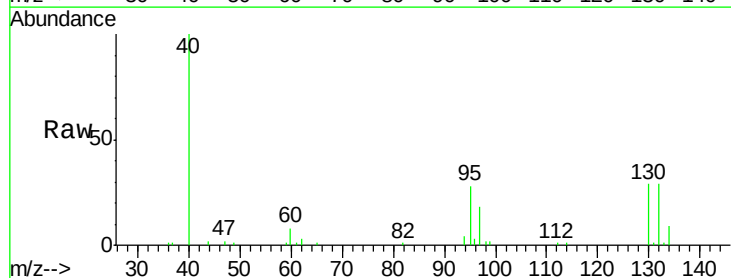
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 2.217 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030324.D
 Acq: 22 Mar 2019 21:23

Tgt Ion: 95 Resp: 8523
 Ion Ratio Lower Upper
 95 100
 97 62.8 46.2 85.8
 132 102.5 69.3 128.7
 130 104.3 73.6 136.6



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

