

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030143.D
 Acq On : 16 Mar 2019 14:27
 Operator : JC/SP
 Sample : K1949-16 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B7

Quant Time: Mar 18 05:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151007	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	1.68	69	130405	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.88%
11) 1,1-Dichloroethene-d2	2.27	63	210632	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	4.17	46	290044	125.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.67%
24) Chloroform-d	4.65	84	298497	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	5.31	65	177298	55.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.08%
32) Benzene-d6	5.34	84	622887	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
36) 1,2-Dichloropropane-d6	6.33	67	201519	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.36%
41) Toluene-d8	7.56	98	556275	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	7.85	79	90094	51.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.78%
47) 2-Hexanone-d5	8.31	63	231966	114.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315185	56.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	233561	55.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.90%

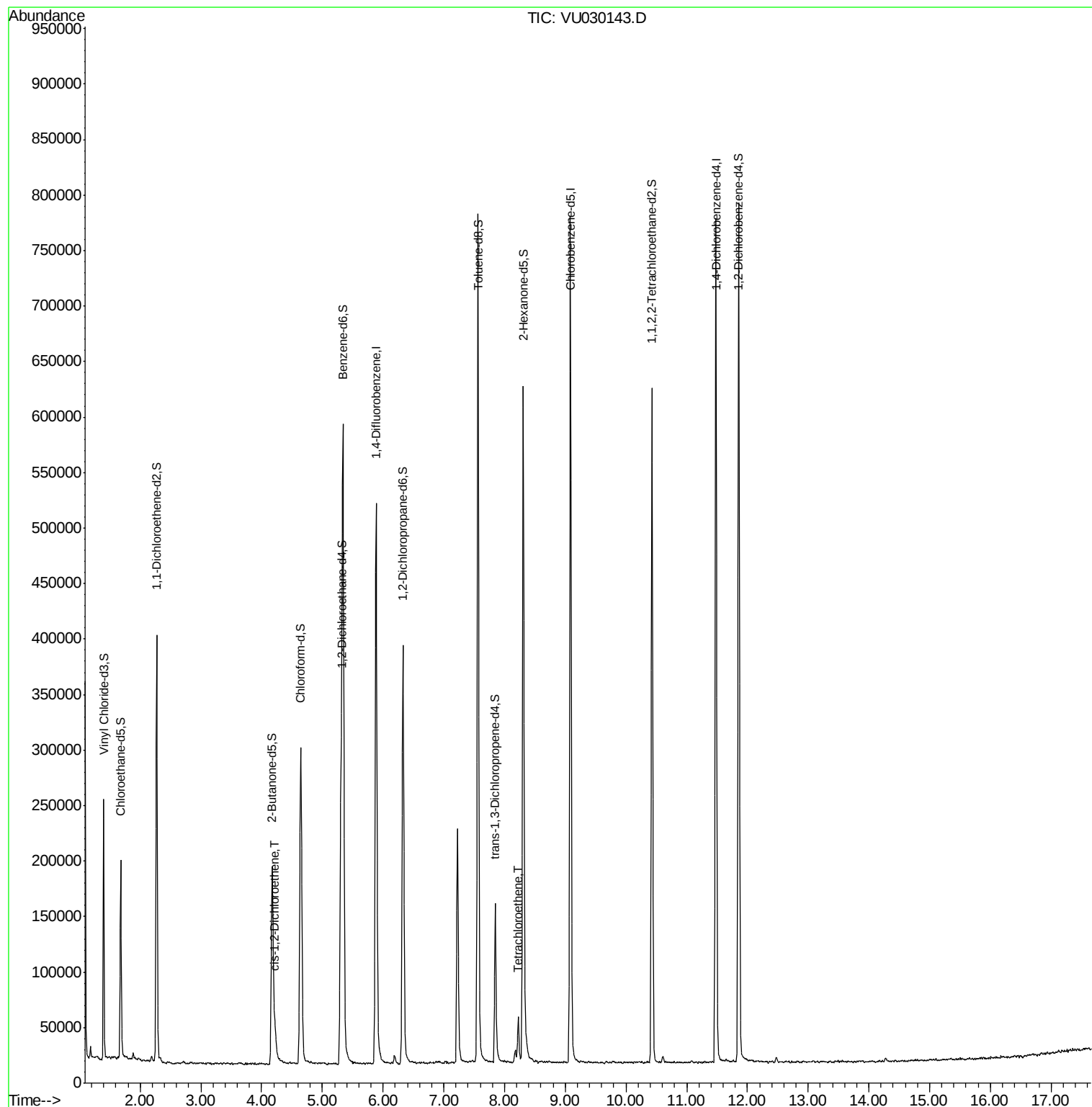
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	9140	2.526 ug/L	93
46) Tetrachloroethene	8.22	164	10445	3.464 ug/L	91

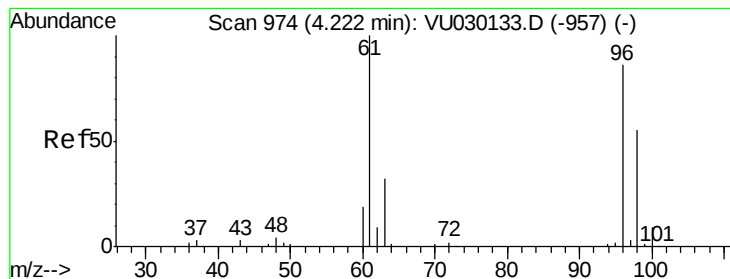
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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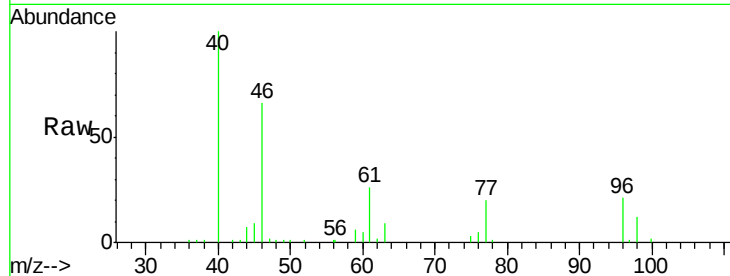


#20

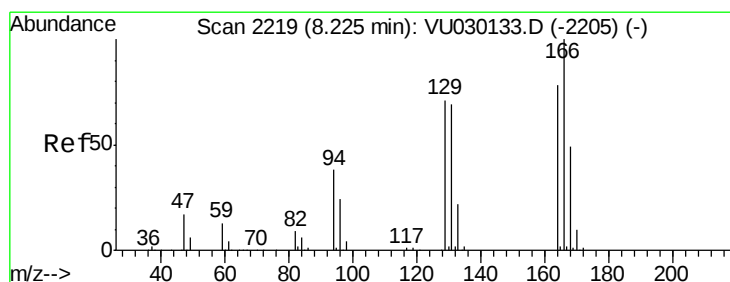
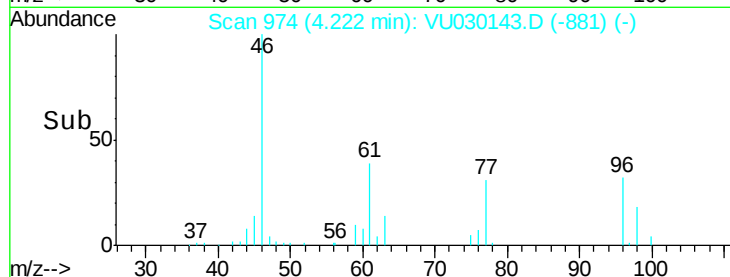
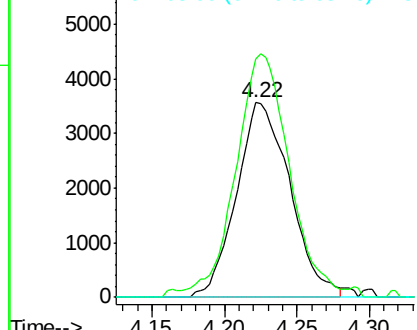
cis-1,2-Dichloroethene
Concen: 2.526 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU030143.D
Acq: 16 Mar 2019 14:27

Instrument :
MSVOA_U
ClientSampleId :
BF1B7

Tot Ion: 96 Resp: 9140
Ion Ratio Lower Upper
96 100
61 122.7 80.8 150.2
68 0.0 0.0 0.0



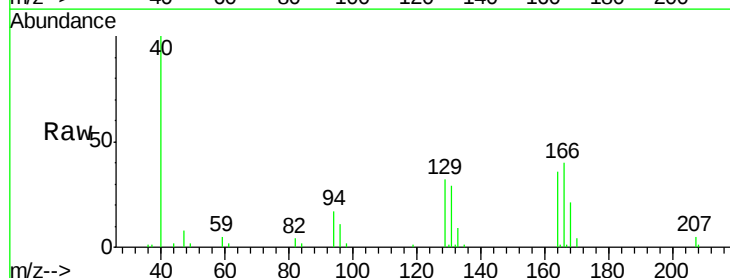
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#46

Tetrachloroethene
Concen: 3.464 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030143.D
Acq: 16 Mar 2019 14:27

Tgt Ion: 164 Resp: 10445
Ion Ratio Lower Upper
164 100
129 88.9 63.3 117.7
131 81.6 62.0 115.2
166 111.2 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

