

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030142.D
 Acq On : 16 Mar 2019 14:04
 Operator : JC/SP
 Sample : K1949-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B4

Quant Time: Mar 18 05:16:17 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	472073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149171	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.54%
7) Chloroethane-d5	1.68	69	129177	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.50%
11) 1,1-Dichloroethene-d2	2.27	63	212113	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	4.17	46	270369	115.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.57%
24) Chloroform-d	4.65	84	292580	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	5.31	65	178595	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.38%
32) Benzene-d6	5.34	84	617521	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.33	67	198120	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.16%
41) Toluene-d8	7.56	98	546365	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%
43) trans-1,3-Dichloropropene-	7.85	79	88870	50.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.08%
47) 2-Hexanone-d5	8.31	63	228566	112.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299902	53.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	230241	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

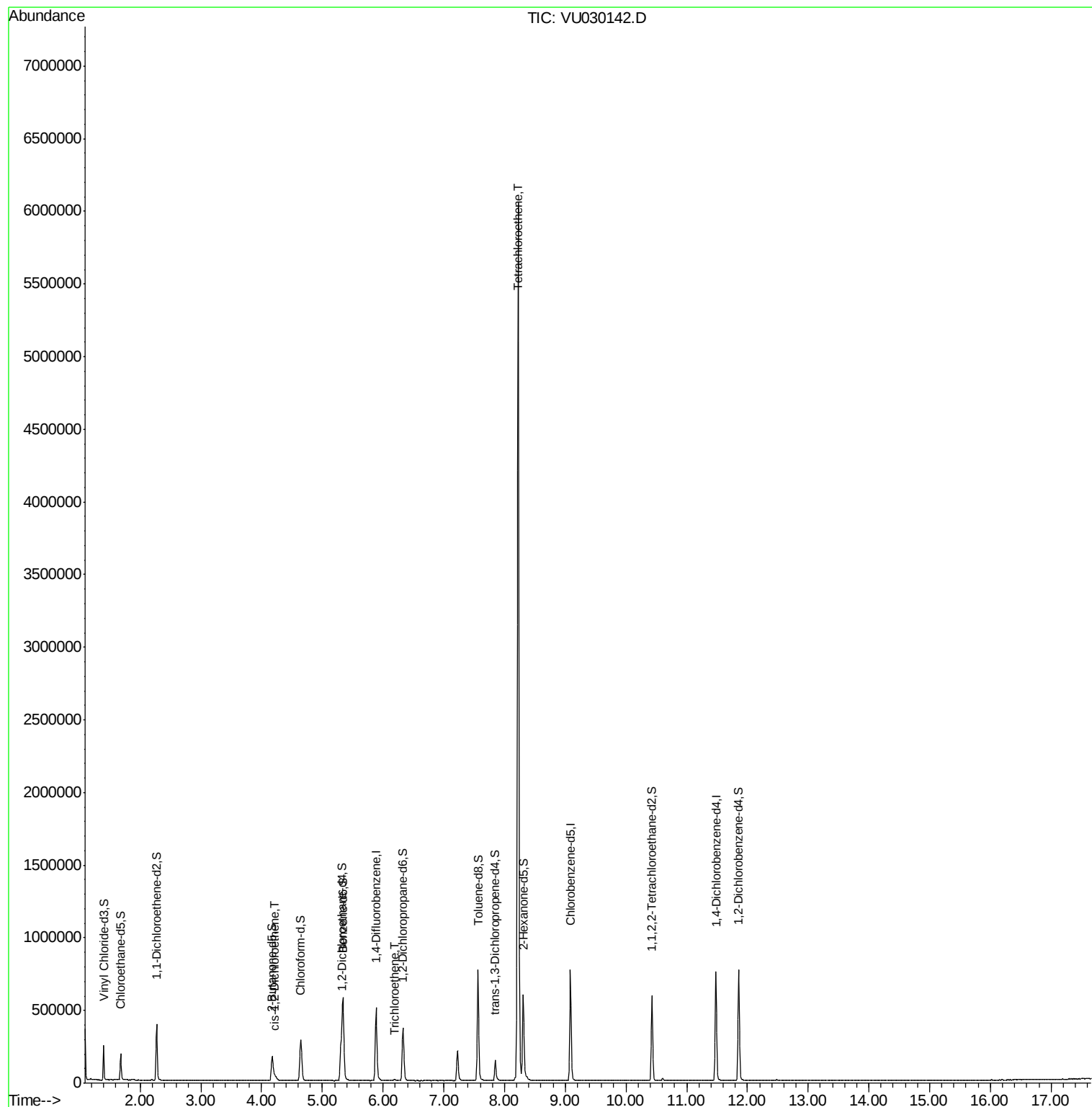
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	10976	2.992 ug/L	89
34) Trichloroethene	6.18	95	3907	1.131 ug/L	94
46) Tetrachloroethene	8.22	164	1473871	487.376 ug/L	99

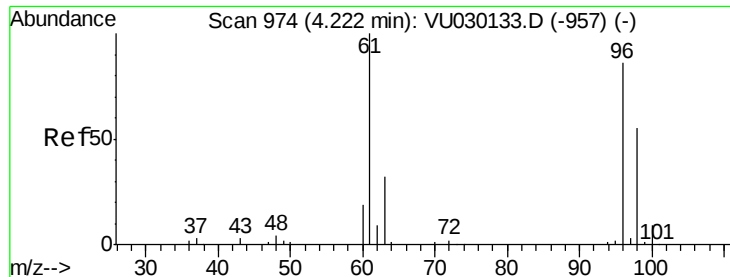
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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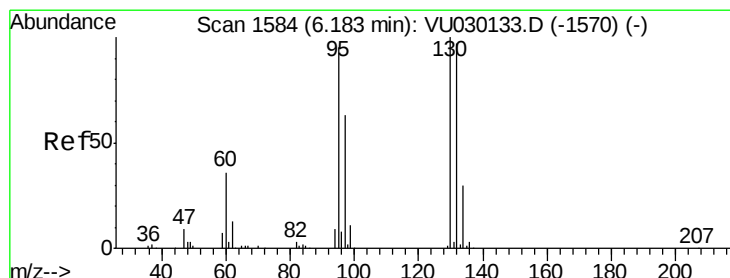
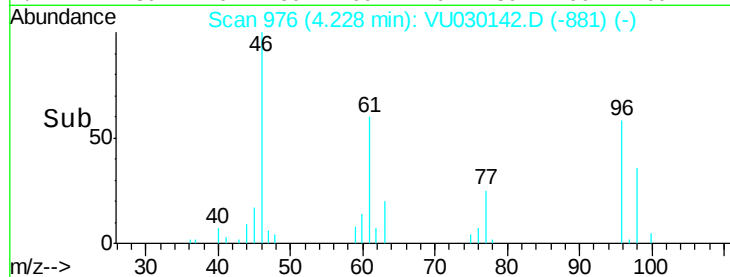
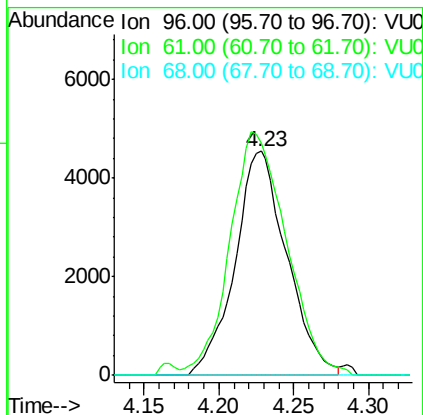
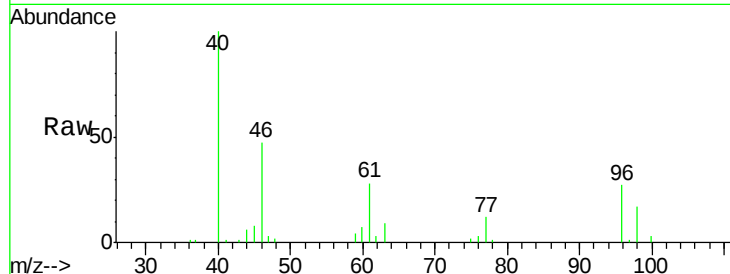


#20

cis-1,2-Dichloroethene
 Concen: 2.992 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030142.D
 Acq: 16 Mar 2019 14:04

Instrument :
 MSVOA_U
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 BF1B4

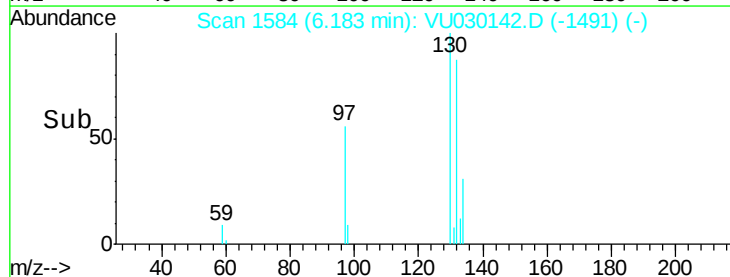
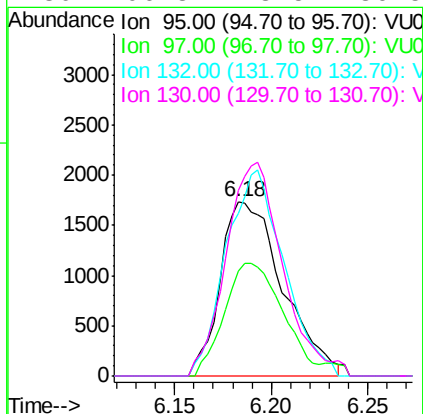
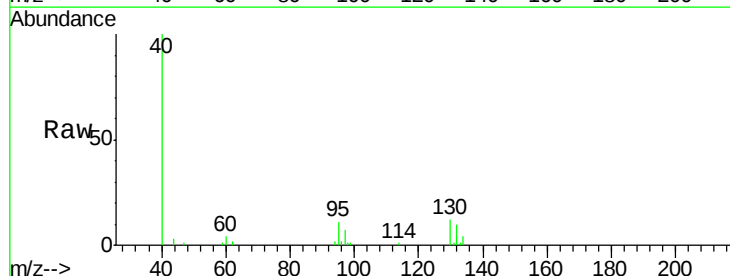
Tot Ion	96	Resp	10976
Ion	Ratio	Lower	Upper
96	100		
61	103.6	80.8	150.2
68	0.0	0.0	0.0

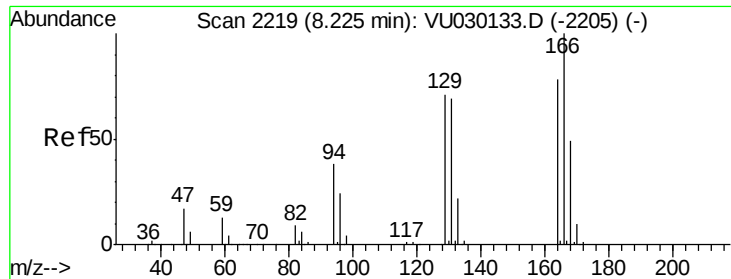


#34

Trichloroethene
 Concen: 1.131 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030142.D
 Acq: 16 Mar 2019 14:04

Tgt Ion	95	Resp	3907
Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.5	84.5
132	93.1	71.5	132.7
130	106.8	73.5	136.5





#46

Tetrachloroethene

Concen: 487.376 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030142.D

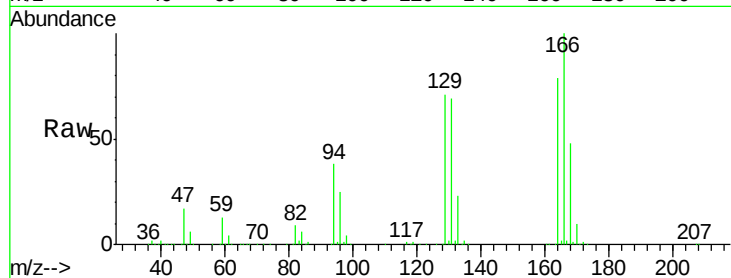
Acq: 16 Mar 2019 14:04

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Tot Ion:164 Resp: 1473871

Ion Ratio Lower Upper

164 100

129 90.8 63.3 117.7

131 88.5 62.0 115.2

166 127.4 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

