

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030140.D
 Acq On : 16 Mar 2019 13:19
 Operator : JC/SP
 Sample : K1939-19
 Misc : 5.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Y2

Quant Time: Mar 18 05:06:55 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	506923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139302	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.64	69	69181	25.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.12%#
11) 1,1-Dichloroethene-d2	2.23	63	196936	32.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.08%
21) 2-Butanone-d5	4.19	46	251861	100.25	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.25%
24) Chloroform-d	4.64	84	273665	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.30	65	168667	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.33	84	591252	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
36) 1,2-Dichloropropane-d6	6.32	67	189499	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.56	98	528292	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%
43) trans-1,3-Dichloropropene-	7.85	79	85380	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
47) 2-Hexanone-d5	8.32	63	229583	100.70	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324066	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	252344	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

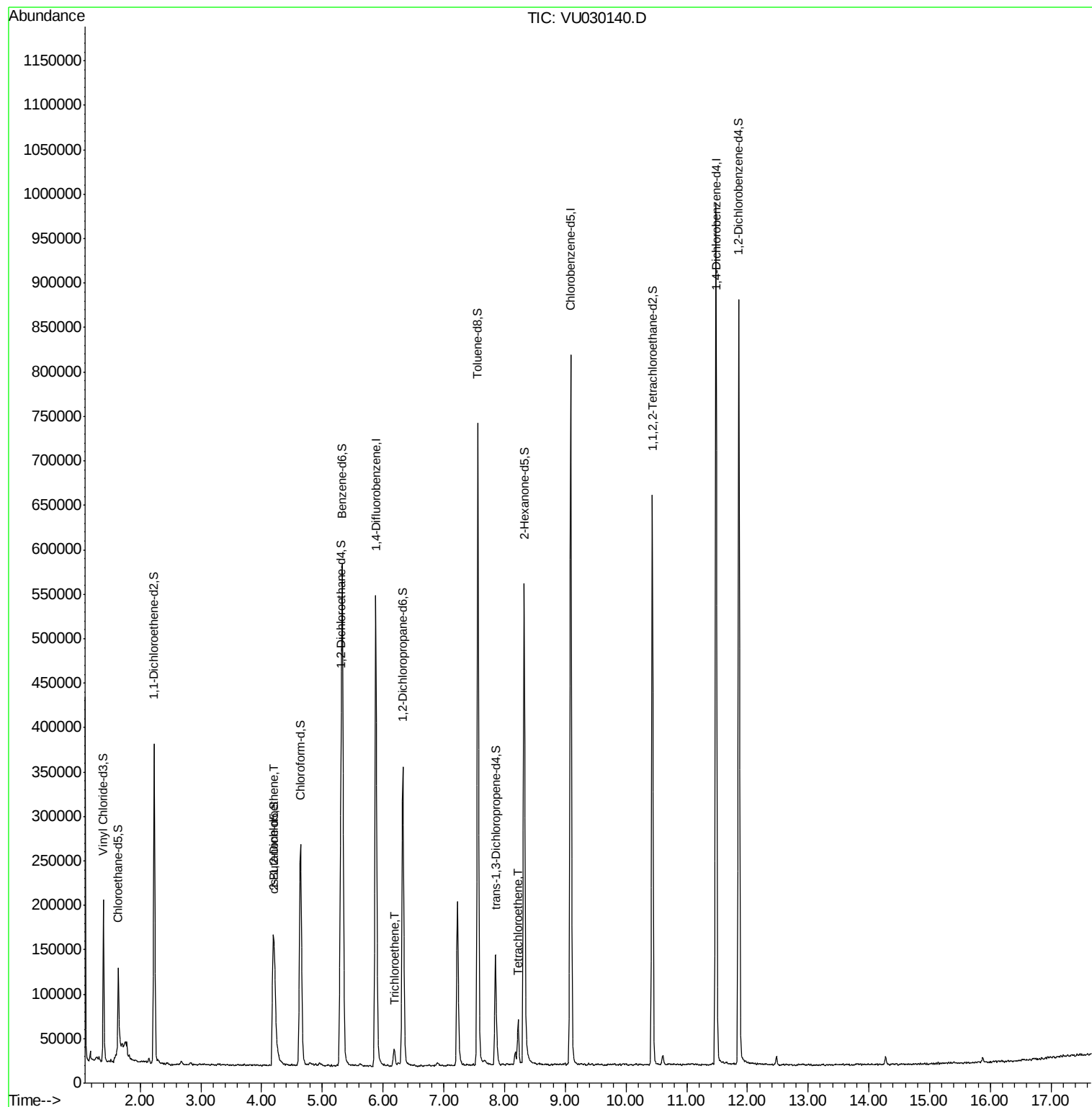
					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	31365	7.963 ug/L	93
34) Trichloroethene	6.18	95	6860	1.769 ug/L	96
46) Tetrachloroethene	8.22	164	11982	3.530 ug/L	98

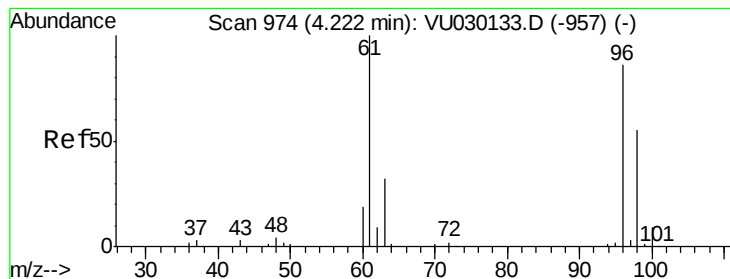
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 7.963 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

BF0Y2

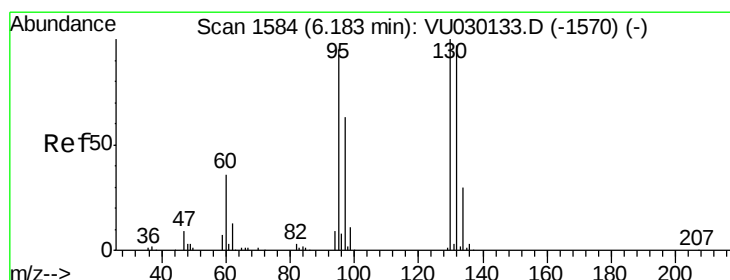
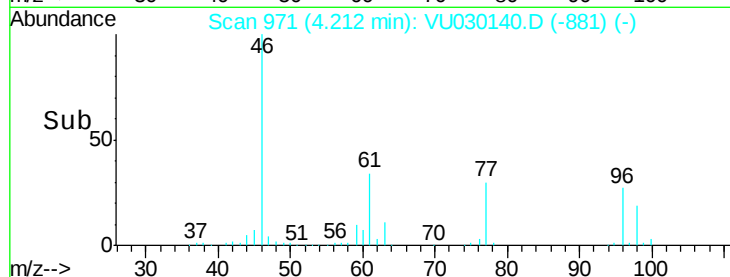
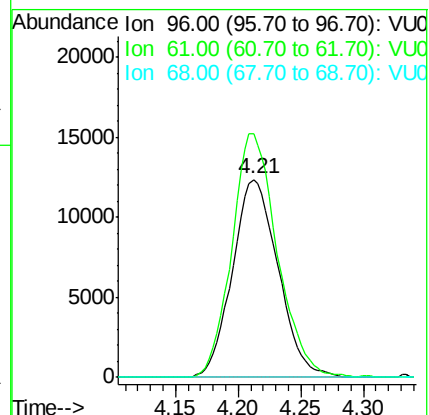
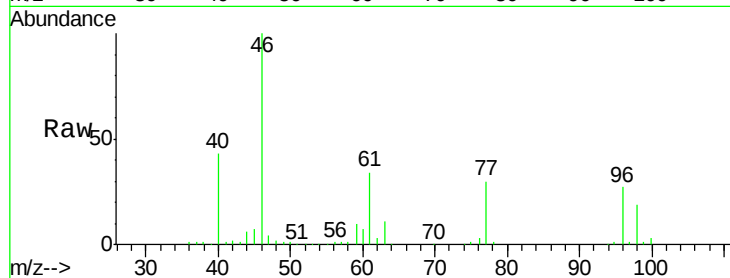
Tot Ion: 96 Resp: 31365

Ion Ratio Lower Upper

96 100

61 122.9 80.8 150.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 1.769 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 95 Resp: 6860

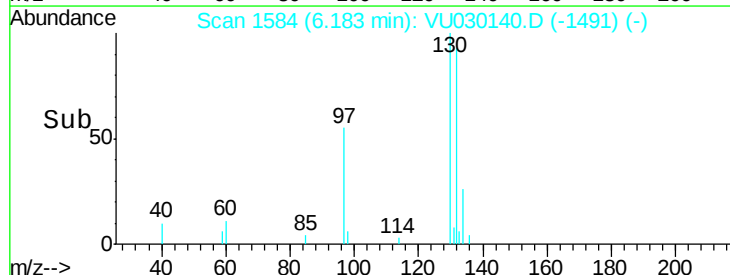
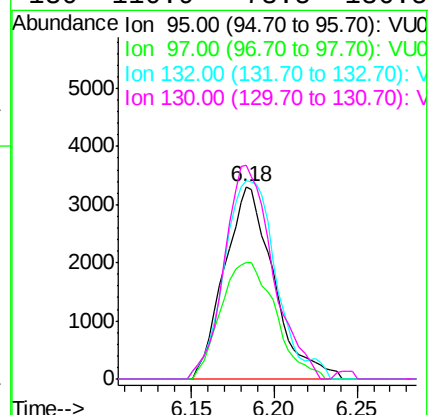
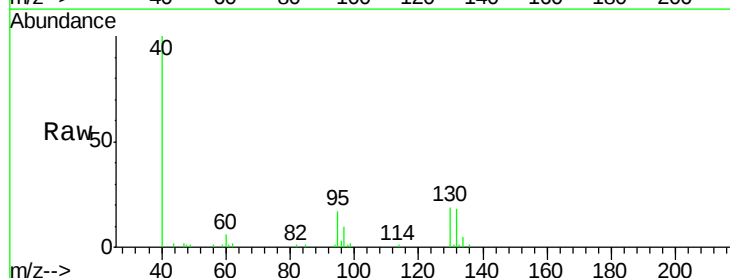
Ion Ratio Lower Upper

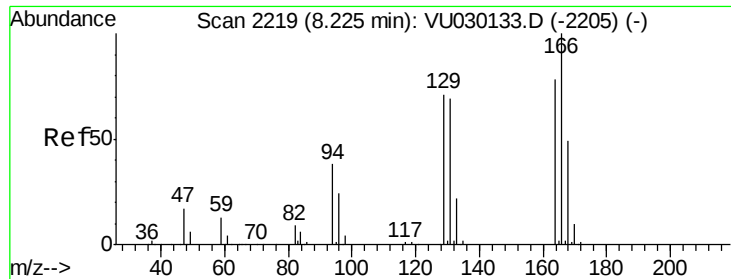
95 100

97 60.8 45.5 84.5

132 103.0 71.5 132.7

130 110.9 73.5 136.5





#46

Tetrachloroethene

Concen: 3.530 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030140.D

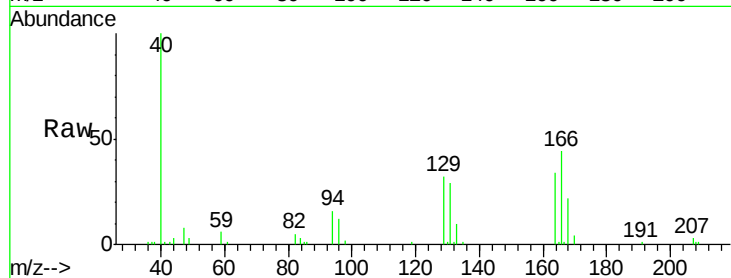
Acq: 16 Mar 2019 13:19

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MSVOA_U

ClientSampleId :

BF0Y2



Tot Ion:164 Resp: 11982

Ion Ratio Lower Upper

164 100

129 93.8 63.3 117.7

131 85.9 62.0 115.2

166 128.2 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

