

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030156.D
 Acq On : 16 Mar 2019 19:35
 Operator : JC/SP
 Sample : K1936-13
 Misc : 6.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOX1

Quant Time: Mar 18 06:03:46 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	599759	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	602524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138941	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.04%
7) Chloroethane-d5	1.64	69	67776	21.16	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.32%#
11) 1,1-Dichloroethene-d2	2.23	63	197185	27.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.19	46	278905	93.83	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.83%
24) Chloroform-d	4.64	84	287412	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.78%
26) 1,2-Dichloroethane-d4	5.30	65	173199	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
32) Benzene-d6	5.33	84	603980	38.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.88%
36) 1,2-Dichloropropane-d6	6.32	67	195252	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.26%
41) Toluene-d8	7.56	98	545440	37.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.12%#
43) trans-1,3-Dichloropropene-	7.85	79	88536	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
47) 2-Hexanone-d5	8.32	63	254542	95.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	350788	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	265113	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%

Target Compounds

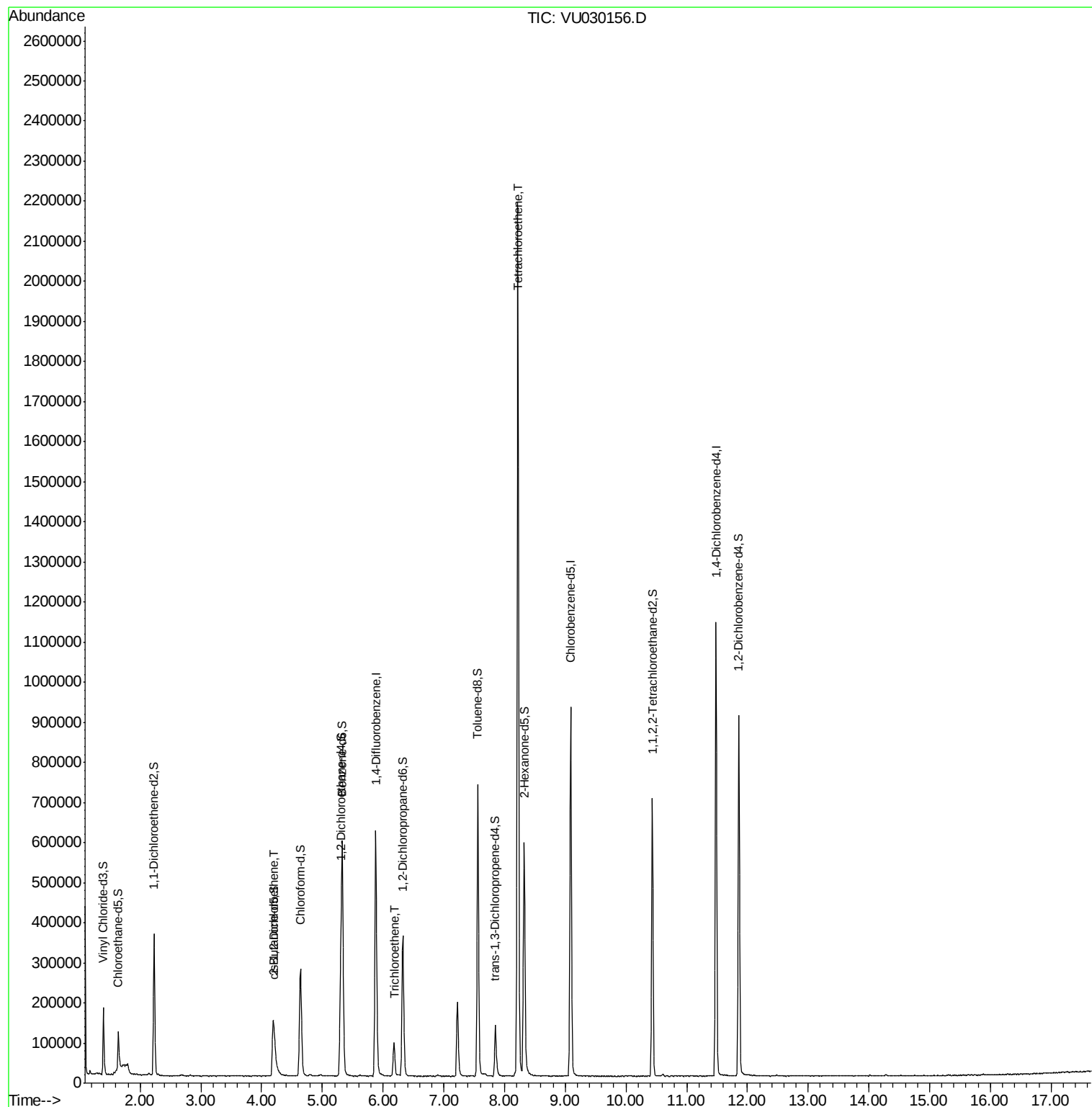
					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	11444	2.456 ug/L	99
34) Trichloroethene	6.18	95	30448	6.738 ug/L	95
46) Tetrachloroethene	8.22	164	533015	134.786 ug/L	99

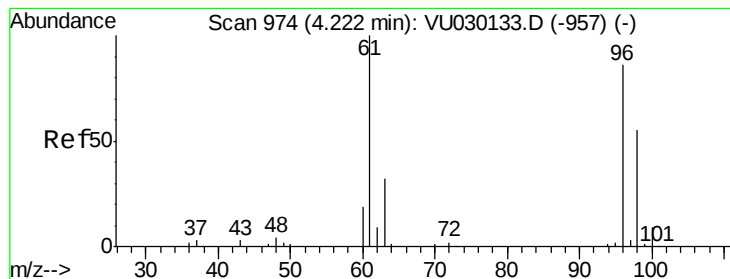
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.456 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030156.D

Acq: 16 Mar 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

BF0X1

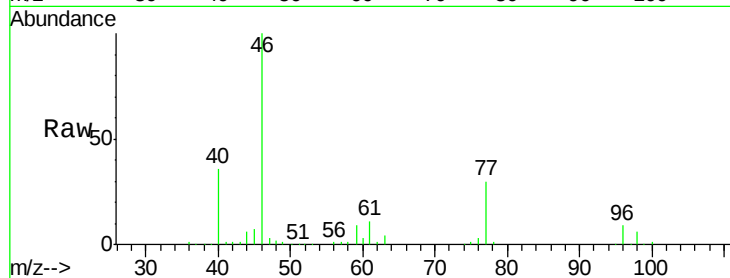
Tot Ion: 96 Resp: 11444

Ion Ratio Lower Upper

96 100

61 117.0 80.8 150.2

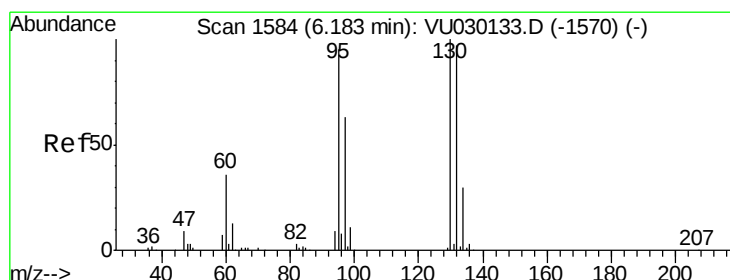
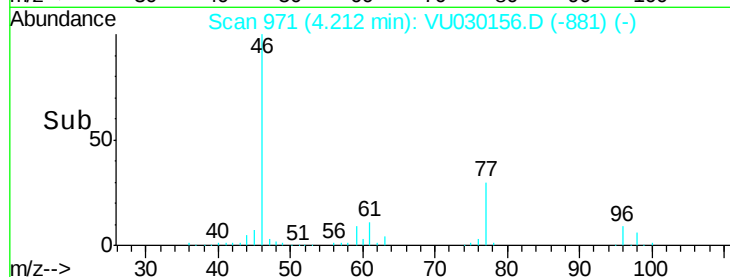
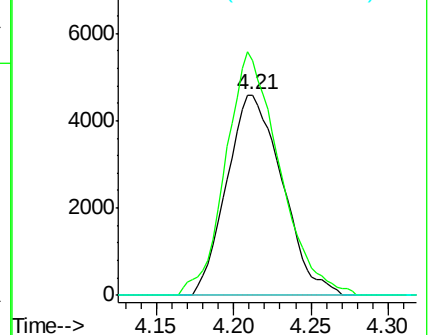
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030133.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030133.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030133.D (-957) (-)



#34

Trichloroethene

Concen: 6.738 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030156.D

Acq: 16 Mar 2019 19:35

Tgt Ion: 95 Resp: 30448

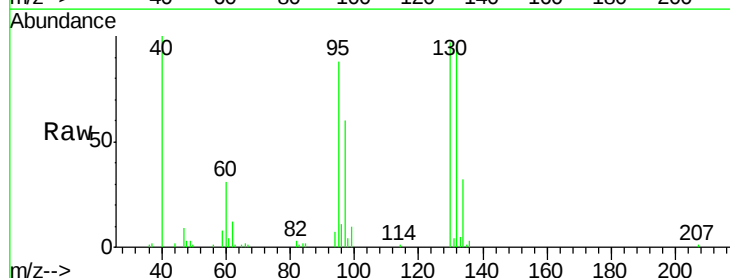
Ion Ratio Lower Upper

95 100

97 67.9 45.5 84.5

132 109.0 71.5 132.7

130 109.7 73.5 136.5

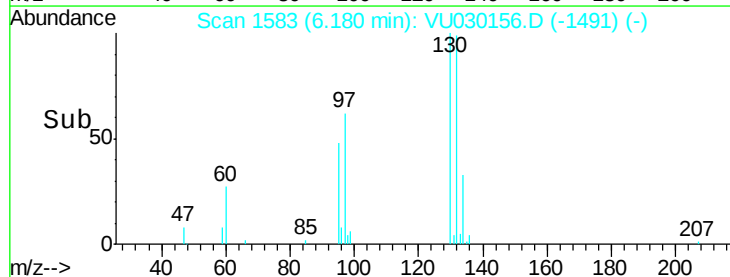
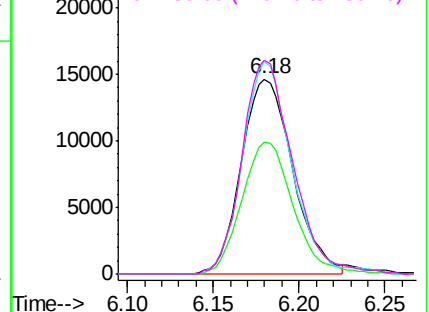


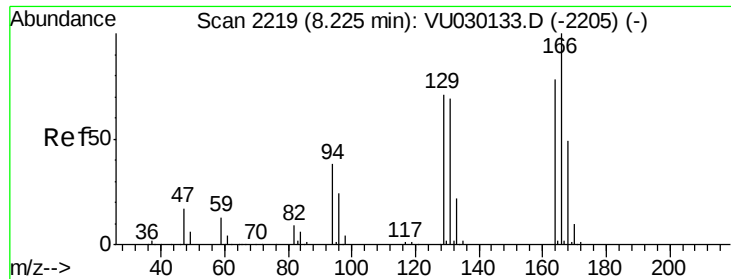
Abundance Ion 95.00 (94.70 to 95.70): VU030133.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030133.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030133.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030133.D (-1570) (-)





#46

Tetrachloroethene

Concen: 134.786 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030156.D

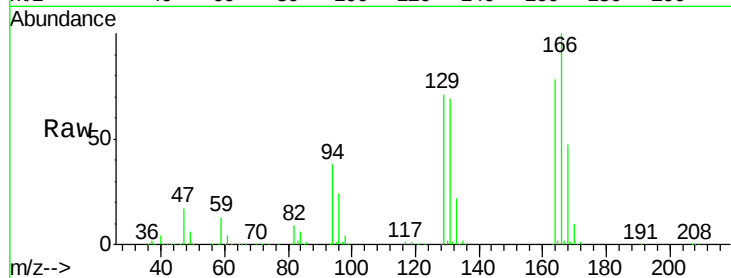
Acq: 16 Mar 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

BF0X1



Tot Ion:164 Resp: 533015

Ion Ratio Lower Upper

164 100

129 91.0 63.3 117.7

131 88.2 62.0 115.2

166 127.8 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

