

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030266.D
 Acq On : 21 Mar 2019 15:24
 Operator : JC/SP
 Sample : K2017-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D5

Quant Time: Mar 22 05:11:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 04:03:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	553658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	248763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180450	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	145802	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.27	63	239795	35.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.22%
21) 2-Butanone-d5	4.17	46	242130	87.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.18%
24) Chloroform-d	4.65	84	305127	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.31	65	182976	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.34	84	677878	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	209737	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.56	98	615535	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.85	79	93533	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	201378	89.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291496	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	239888	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

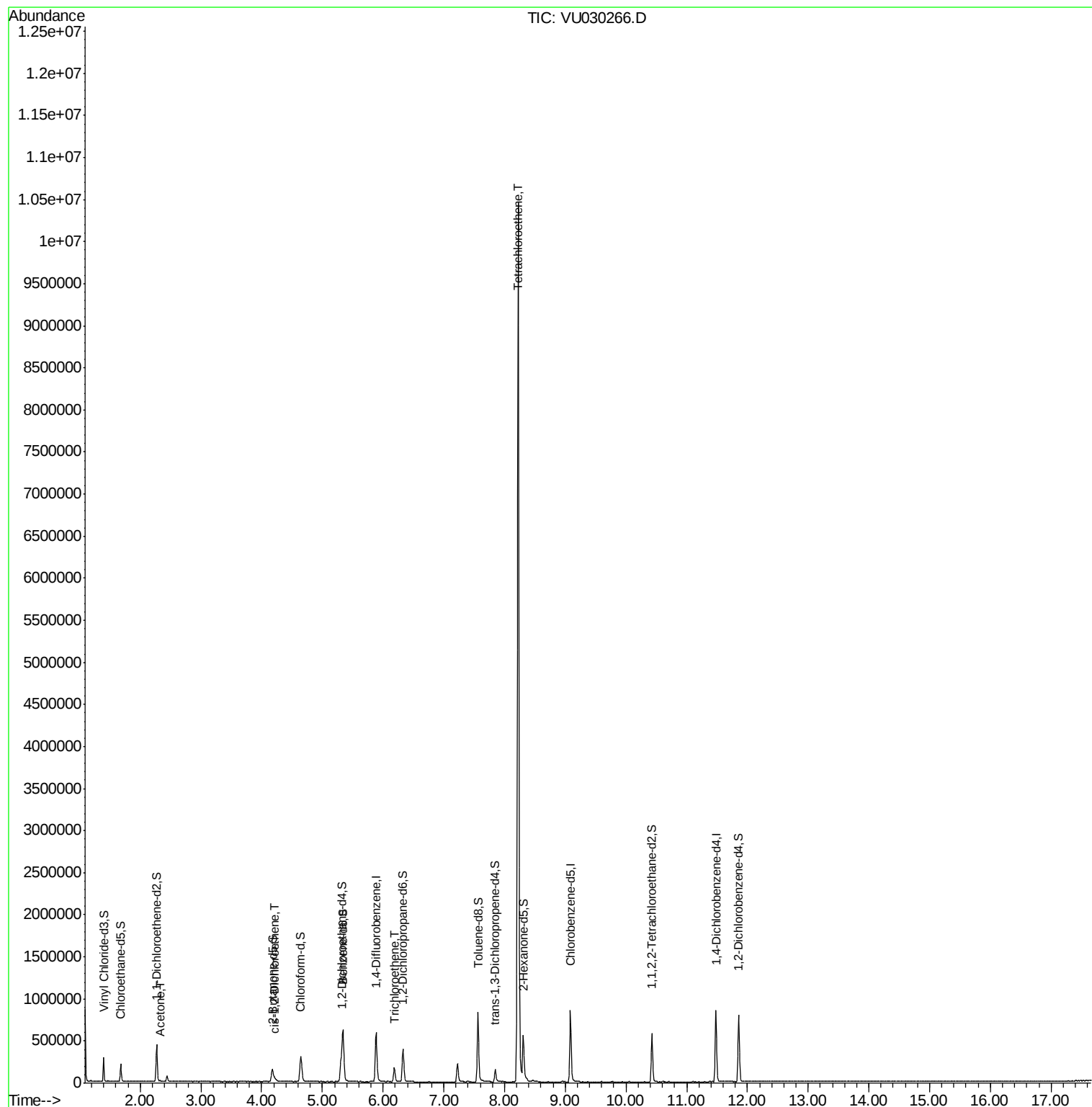
					Ovalue
13) Acetone	2.32	43	8282	2.854 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	13952	3.271 ug/L	97
34) Trichloroethene	6.19	95	61223	15.092 ug/L	98
46) Tetrachloroethene	8.22	164	2585001	754.177 ug/L	99

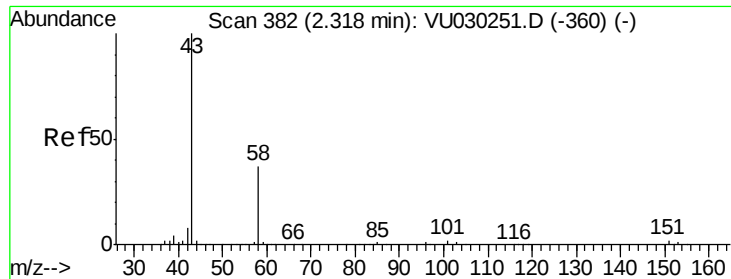
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.854 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

Instrument :

MSVOA_U

ClientSampled :

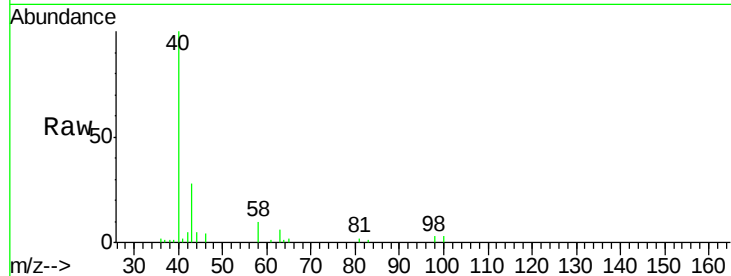
BF1D5

Tot Ion: 43 Resp: 8282

Ion Ratio Lower Upper

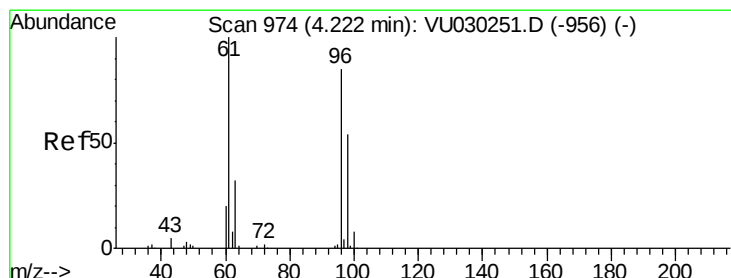
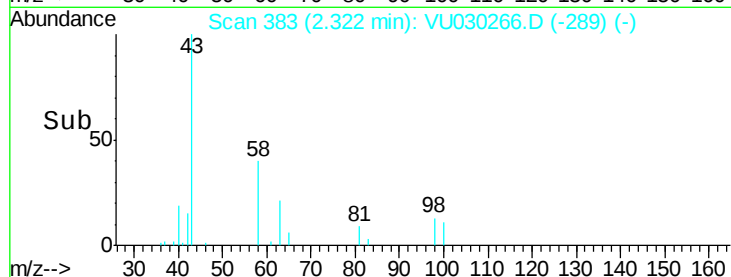
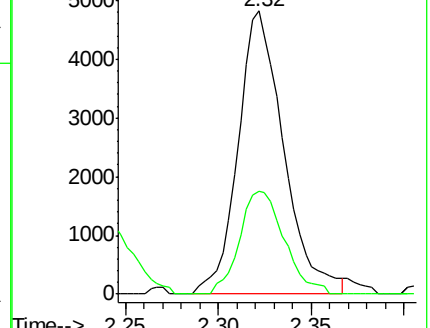
43 100

58 35.6 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU030251.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU030251.D (-360) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.271 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

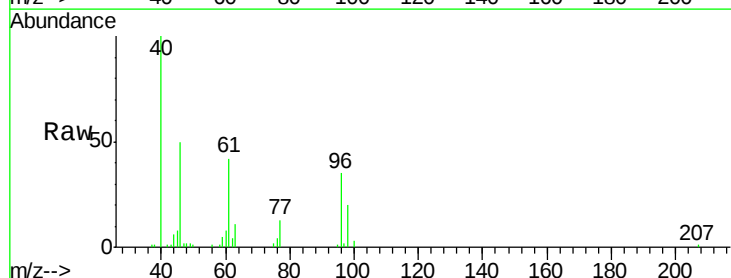
Tgt Ion: 96 Resp: 13952

Ion Ratio Lower Upper

96 100

61 119.8 81.5 151.3

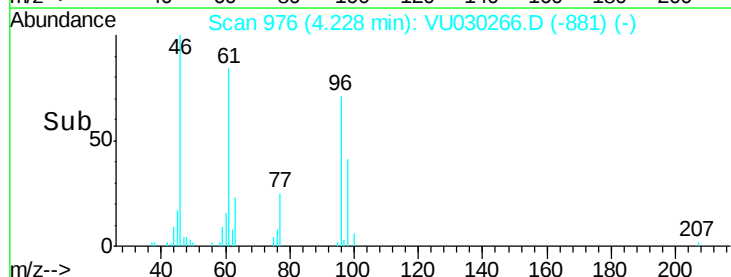
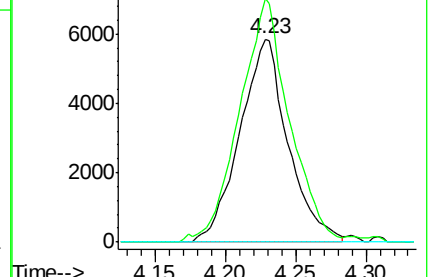
68 0.0 0.0 0.0

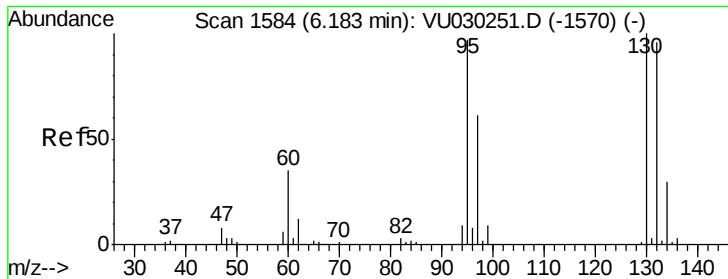


Abundance Ion 96.00 (95.70 to 96.70): VU030251.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030251.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030251.D (-956) (-)





#34

Trichloroethene

Concen: 15.092 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

BF1D5

Tot Ion: 95 Resp: 61223

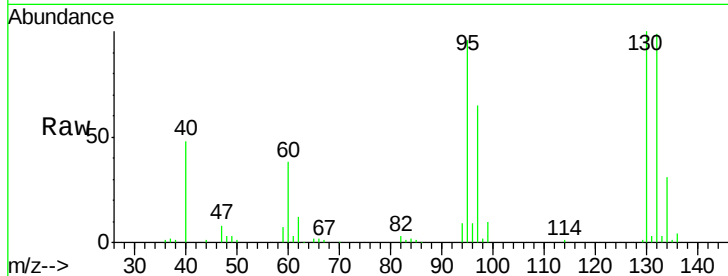
Ion Ratio Lower Upper

95 100

97 67.9 46.2 85.8

132 103.1 69.3 128.7

130 104.3 73.6 136.6



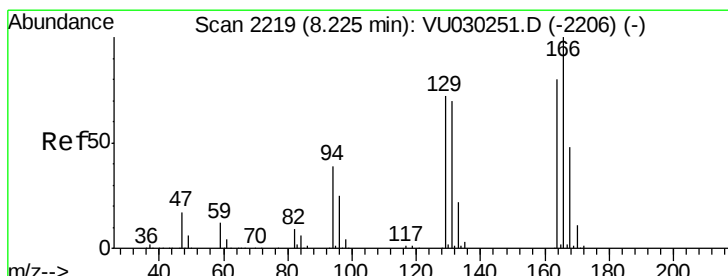
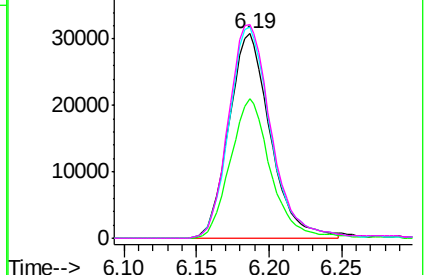
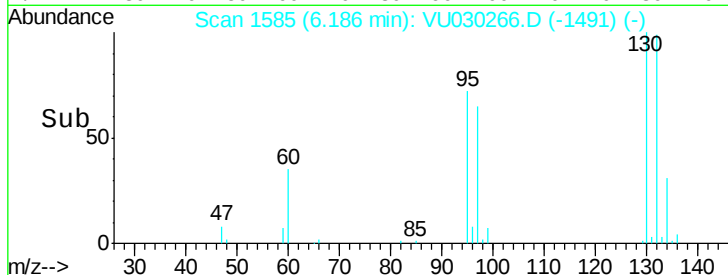
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#46

Tetrachloroethene

Concen: 754.177 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

Tgt Ion:164 Resp: 2585001

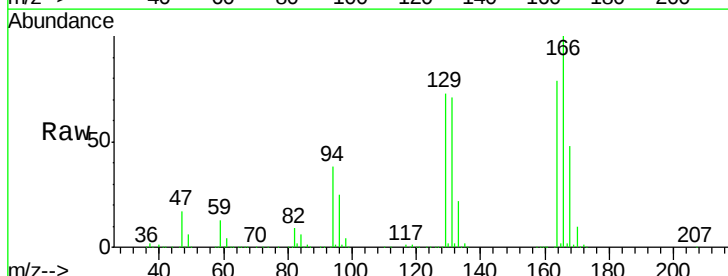
Ion Ratio Lower Upper

164 100

129 92.0 64.4 119.6

131 89.7 63.2 117.4

166 126.6 89.5 166.1



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

Time-->

