

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011320\
 Data File : VU036443.D
 Acq On : 13 Jan 2020 18:13
 Operator : JC/MD
 Sample : L1090-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOP6

Quant Time: Jan 14 16:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	483536	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	458644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	169501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124913	33.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.30%
7) Chloroethane-d5	1.93	69	128469	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.84%
11) 1,1-Dichloroethene-d2	2.59	63	209797	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	4.68	46	311997	111.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.20%
24) Chloroform-d	5.11	84	318707	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.75	65	227380	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
32) Benzene-d6	5.77	84	633232	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
36) 1,2-Dichloropropane-d6	6.73	67	215525	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.66%
41) Toluene-d8	7.93	98	578960	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%
43) trans-1,3-Dichloropropene-	8.21	79	105883	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.67	63	214706	97.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.21%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	321350	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	12.22	152	179686	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

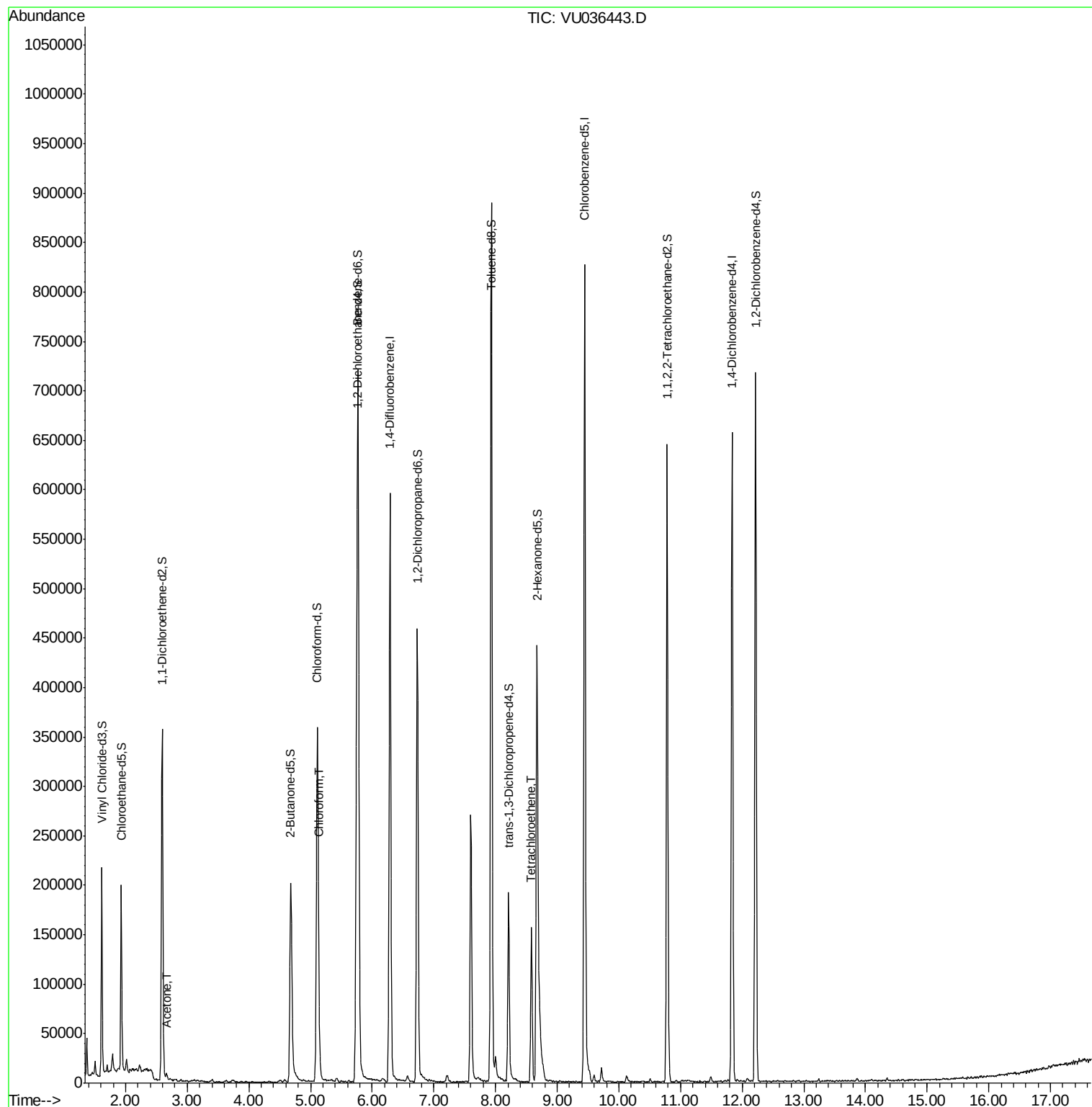
					Ovalue
13) Acetone	2.66	43	6394	2.197 ug/L	91
25) Chloroform	5.14	83	25755	3.992 ug/L	91
46) Tetrachloroethene	8.58	164	30396	12.163 ug/L	94

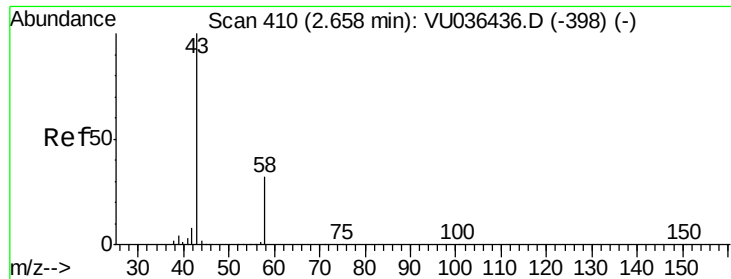
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.197 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU036443.D

Acq: 13 Jan 2020 18:13

Instrument :

MSVOA_U

ClientSampled :

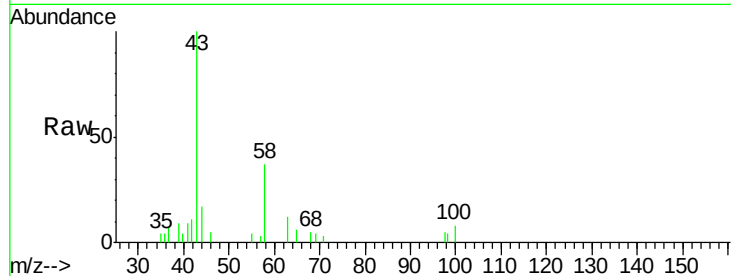
ETOP6

Tot Ion: 43 Resp: 6394

Ion Ratio Lower Upper

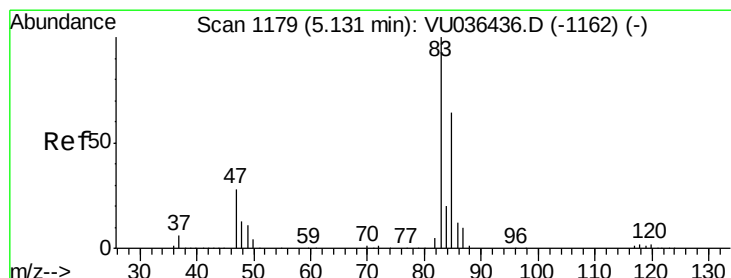
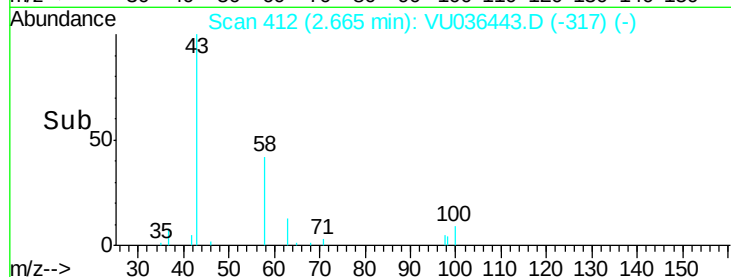
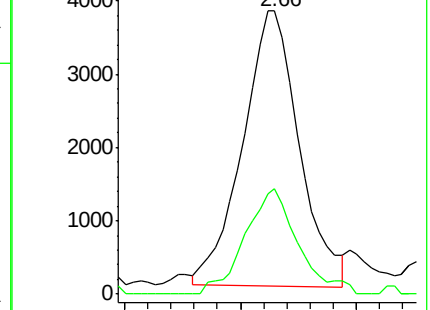
43 100

58 27.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036443.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036443.D (-317) (-)



#25

Chloroform

Concen: 3.992 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036443.D

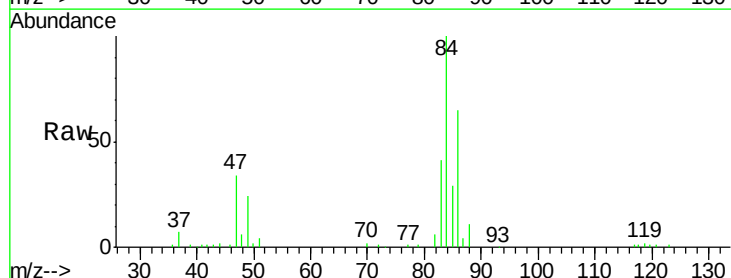
Acq: 13 Jan 2020 18:13

Tgt Ion: 83 Resp: 25755

Ion Ratio Lower Upper

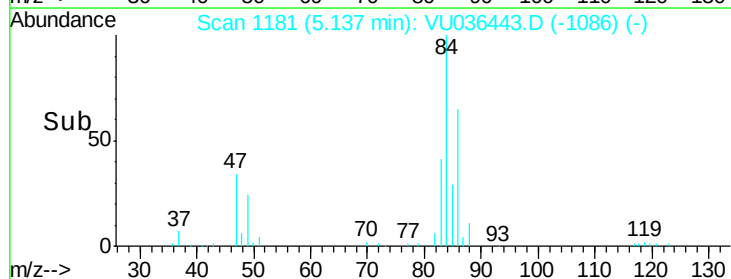
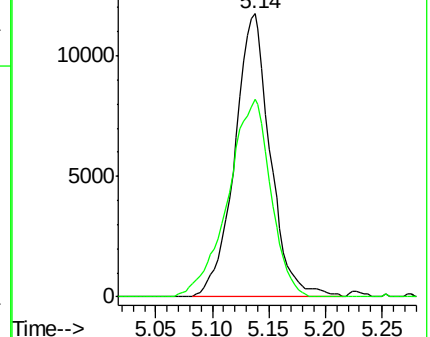
83 100

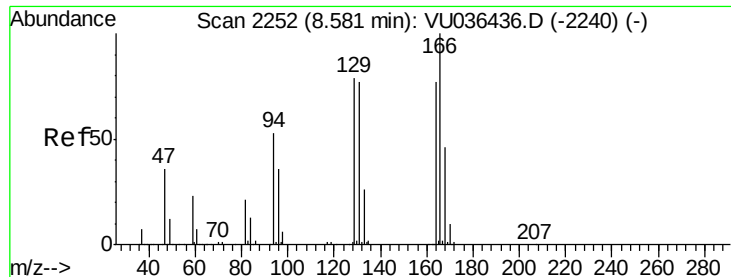
85 69.7 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036443.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036443.D (-1086) (-)





#46

Tetrachloroethene

Concen: 12.163 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036443.D

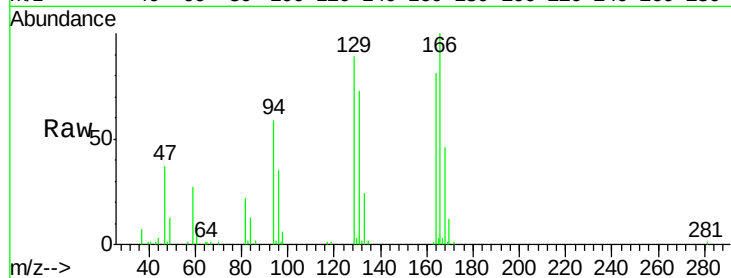
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Tot Ion:164 Resp: 30396

Ion Ratio Lower Upper

164 100

129 110.9 70.0 130.0

131 90.5 70.1 130.1

166 124.0 87.2 161.9

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

