

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034788.D
 Acq On : 24 Sep 2019 21:54
 Operator : JC/SP
 Sample : K4948-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN6

Quant Time: Sep 25 07:41:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	550869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	505551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204097	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.38%
7) Chloroethane-d5	1.67	69	187126	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.26	63	290369	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.15	46	469185	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	4.62	84	396541	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.29	65	277072	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
32) Benzene-d6	5.32	84	806052	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
36) 1,2-Dichloropropane-d6	6.31	67	291263	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.36%
41) Toluene-d8	7.54	98	754662	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.83	79	133787	51.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.00%
47) 2-Hexanone-d5	8.29	63	306905	111.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	388018	51.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.12%
64) 1,2-Dichlorobenzene-d4	11.84	152	256575	55.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.42%

Target Compounds

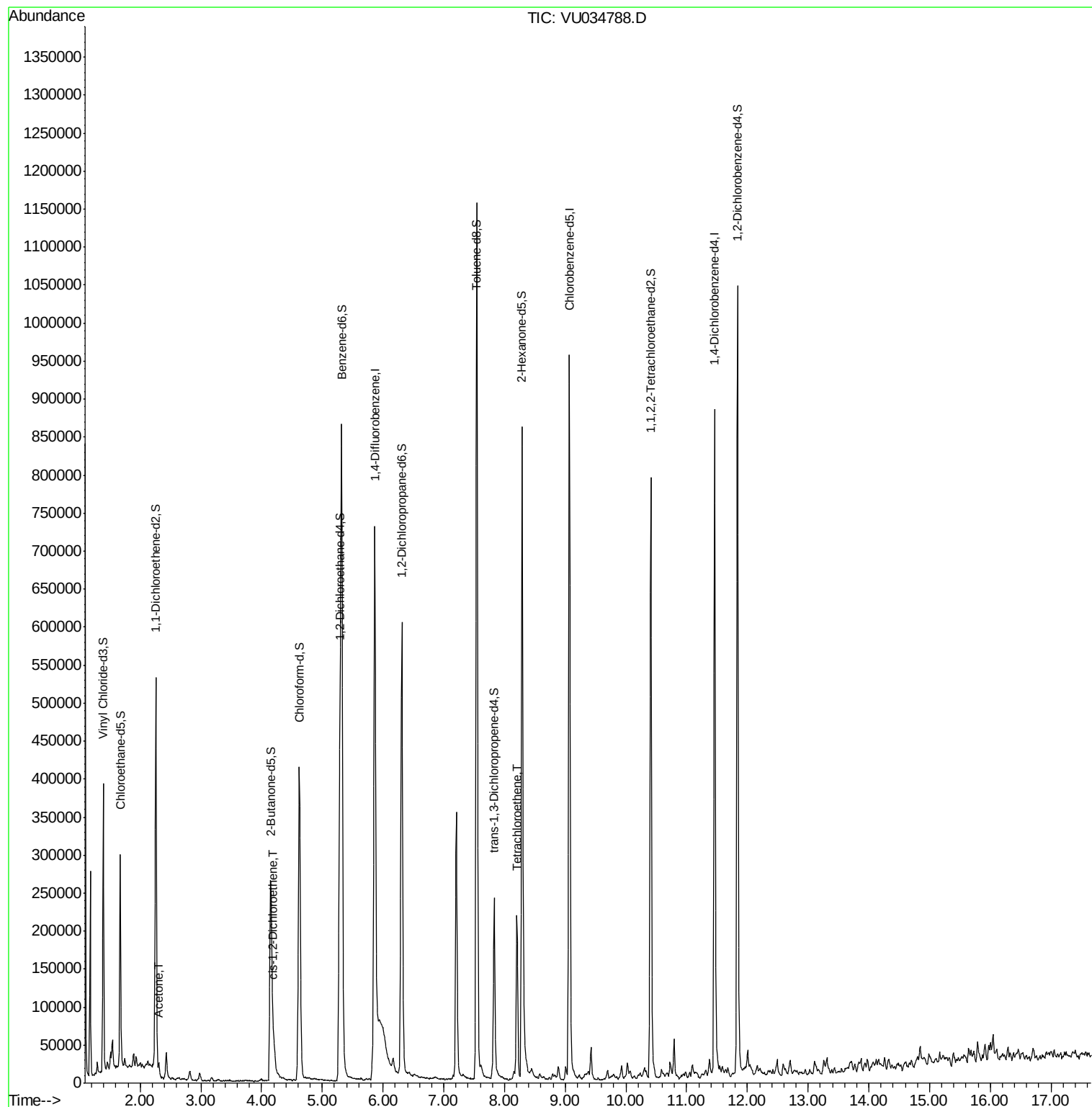
					Ovalue
13) Acetone	2.31	43	18020	3.584 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	16272	3.532 ug/L	87
46) Tetrachloroethene	8.21	164	44362	14.564 ug/L	97

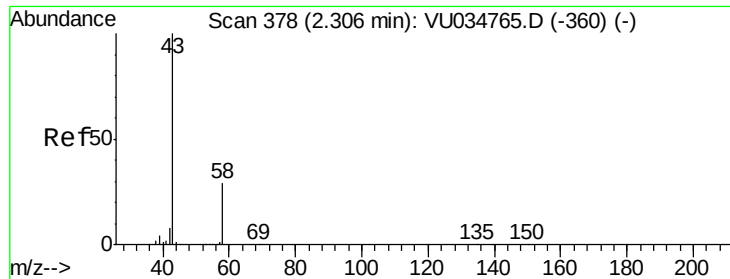
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.584 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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ClientSampleId :

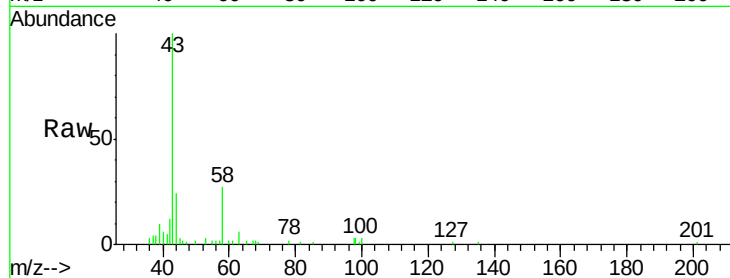
BEDN6

Tot Ion: 43 Resp: 18020

Ion Ratio Lower Upper

43 100

58 28.3 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034765.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU034765.D (-360) (-)

2.31

12000

10000

8000

6000

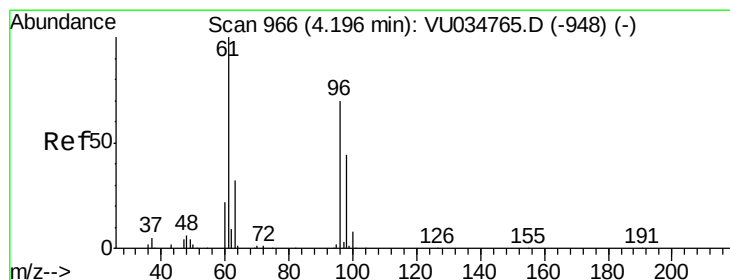
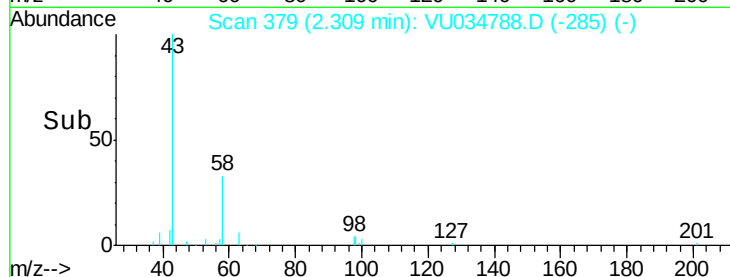
4000

2000

0

Time-->

2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 3.532 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034788.D

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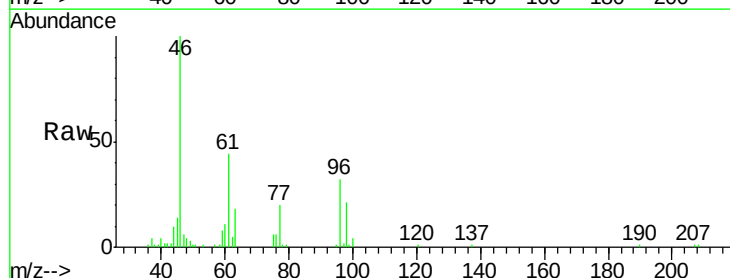
Tgt Ion: 96 Resp: 16272

Ion Ratio Lower Upper

96 100

61 138.6 108.8 202.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034765.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU034765.D (-948) (-)

Ion 68.00 (67.70 to 68.70): VU034765.D (-948) (-)

4.20

12000

10000

8000

6000

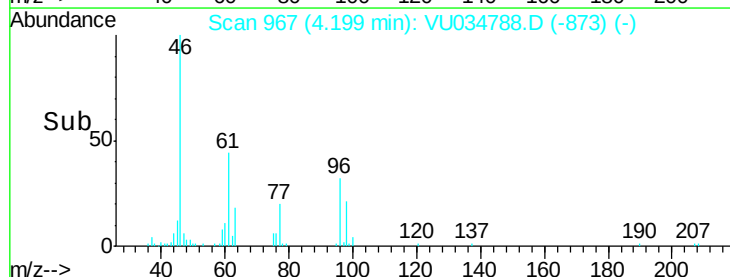
4000

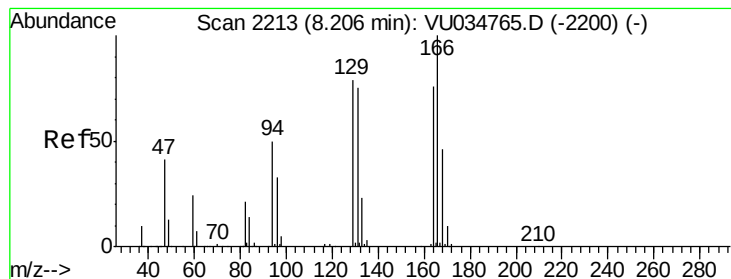
2000

0

Time-->

4.10 4.15 4.20 4.25 4.30





#46

Tetrachloroethene

Concen: 14.564 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034788.D

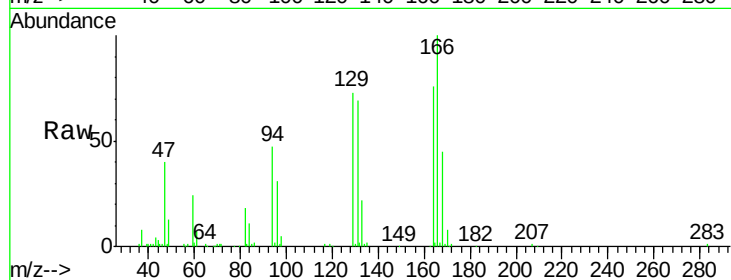
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Tot Ion:164 Resp: 44362

Ion Ratio Lower Upper

164 100

129 96.9 71.9 133.5

131 90.8 66.3 123.1

166 132.3 93.4 173.6

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

