

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 03:06:13 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

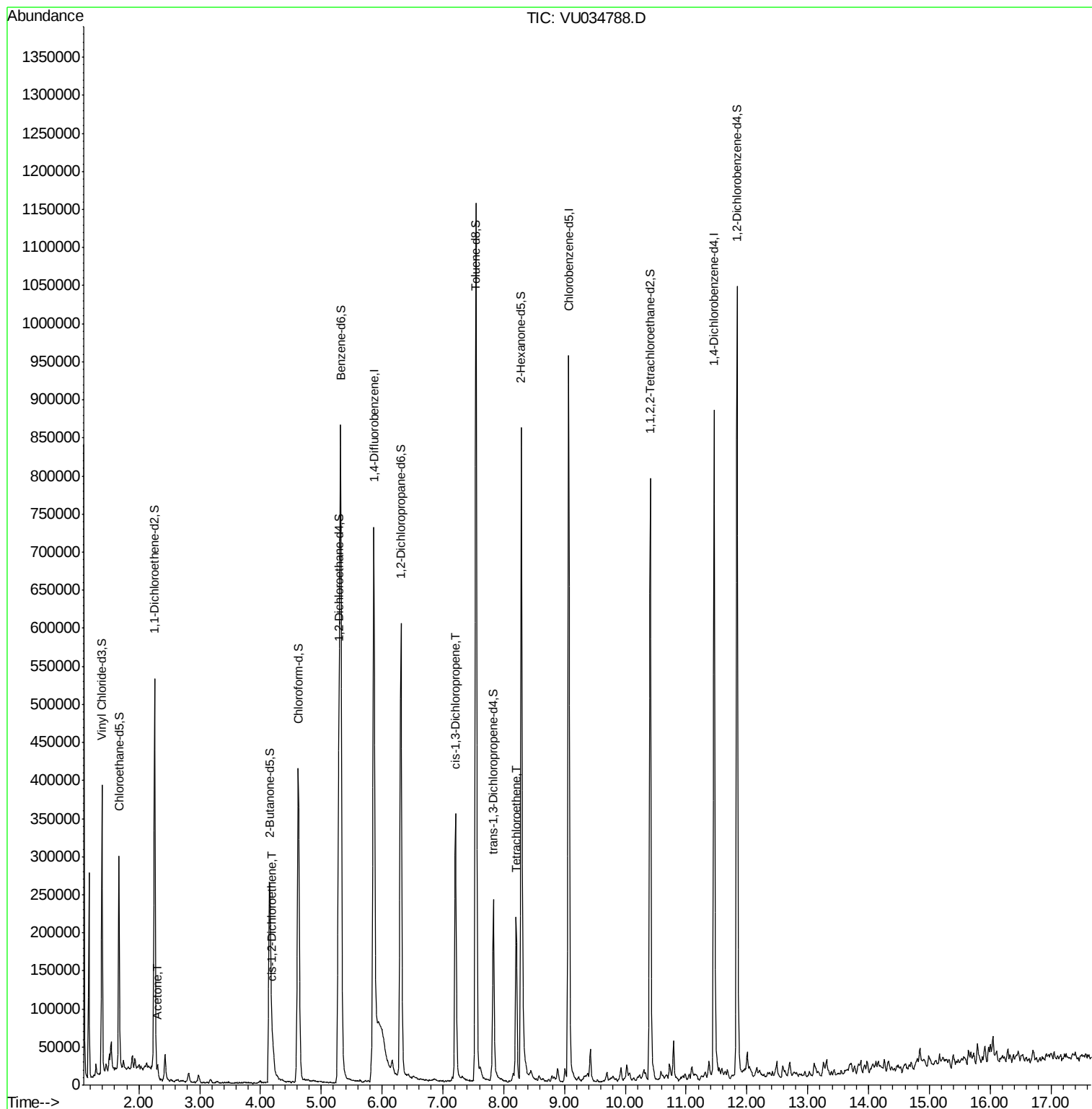
					Qvalue
13) Acetone	2.31	43	18020	3.584 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	16272	3.532 ug/L	87
39) cis-1,3-Dichloropropene	7.21	75	8974	1.144 ug/L #	65
46) Tetrachloroethene	8.21	164	44362	14.564 ug/L	97

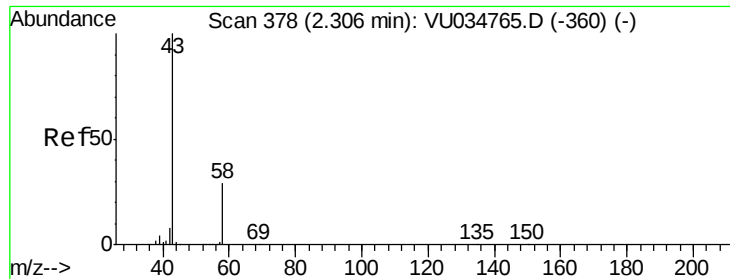
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_U

ClientSampleId :

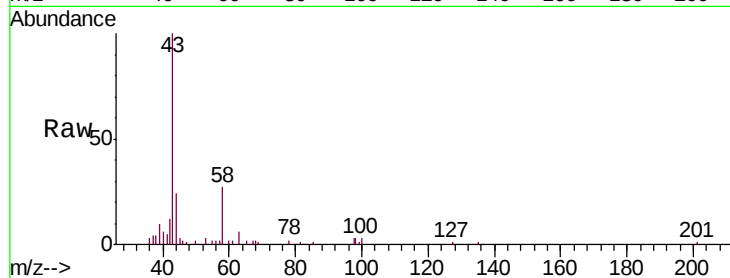
BEDN6

Tgt Ion: 43 Resp: 18020

Ion Ratio Lower Upper

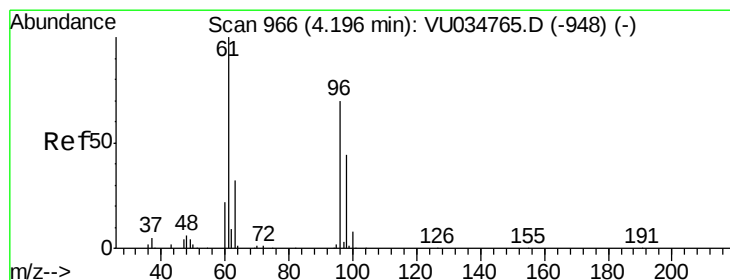
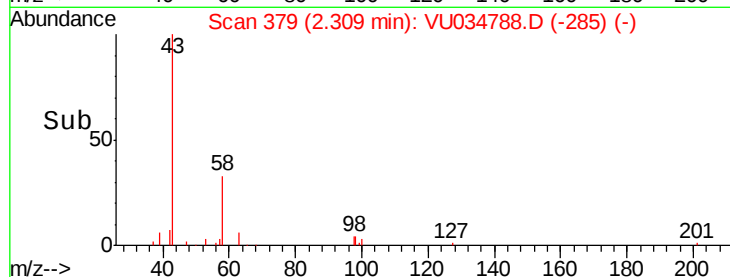
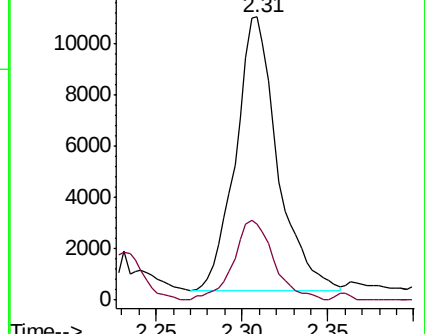
43 100

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) (-)



#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

Acq: 24 Sep 2019 21:54

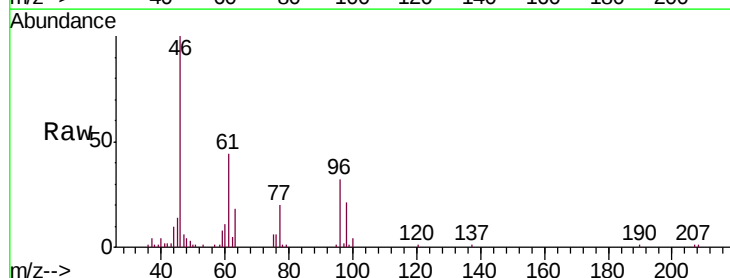
Tgt Ion: 96 Resp: 16272

Ion Ratio Lower Upper

96 100

61 138.6 108.8 202.2

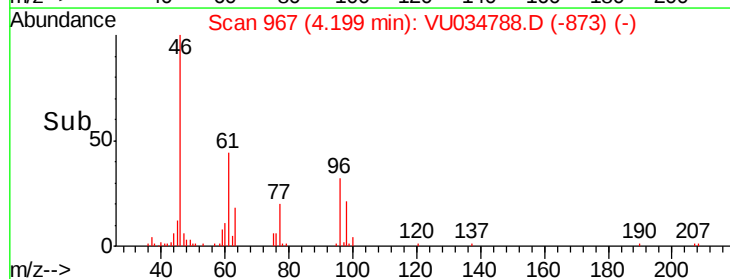
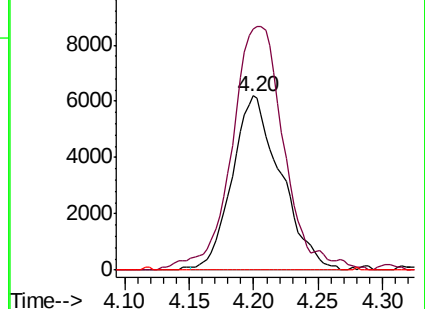
68 0.0 0.0 0.0

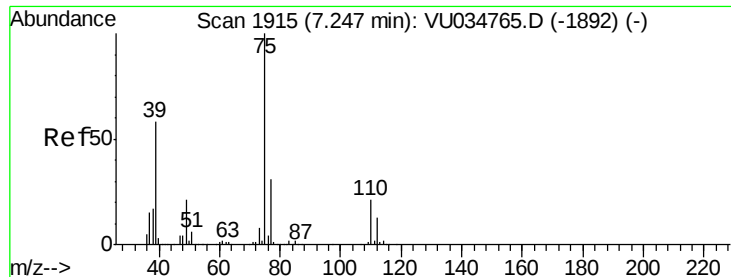


Abundance Ion 96.00 (95.70 to 96.70): VU034765.D (-948) (-)

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

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





#39

cis-1,3-Dichloropropene

Concen: 1.144 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

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ClientSampleId :

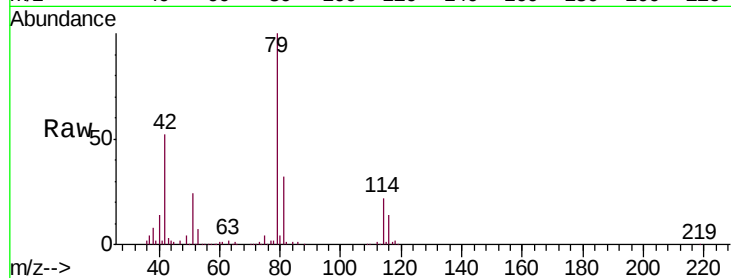
BEDN6

Tgt Ion: 75 Resp: 8974

Ion Ratio Lower Upper

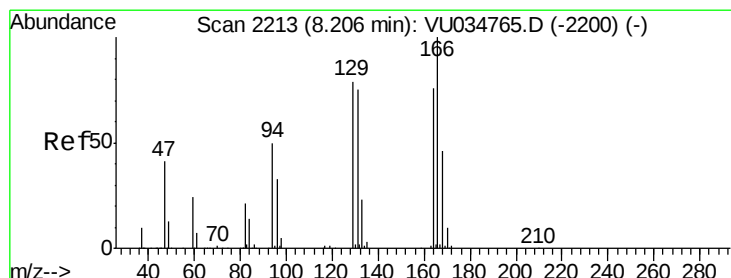
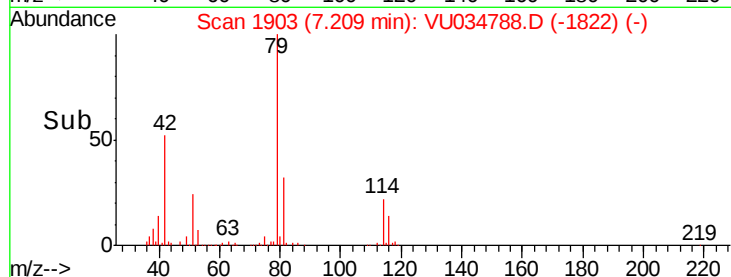
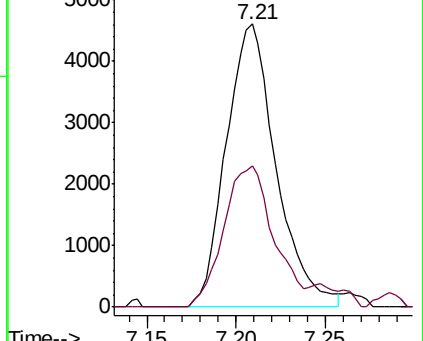
75 100

77 49.7 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU034765.D (-1892) (-)

Ion 77.00 (76.70 to 77.70): VU034765.D (-1892) (-)



#46

Tetrachloroethene

Concen: 14.564 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034788.D

Acq: 24 Sep 2019 21:54

Tgt Ion: 164 Resp: 44362

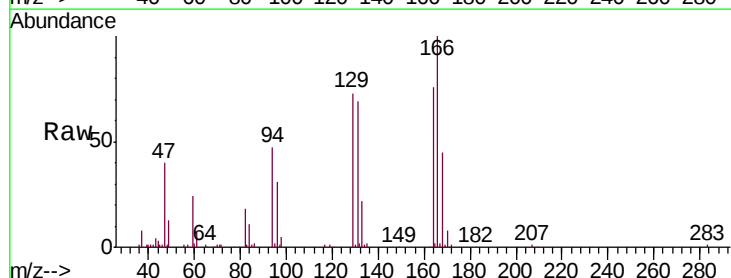
Ion Ratio Lower Upper

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): VU034765.D (-2200) (-)

Ion 129.00 (128.70 to 129.70): VU034765.D (-2200) (-)

Ion 131.00 (130.70 to 131.70): VU034765.D (-2200) (-)

Ion 166.00 (165.70 to 166.70): VU034765.D (-2200) (-)

