

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034716.D
 Acq On : 21 Sep 2019 02:17
 Operator : JC/SP
 Sample : K5001-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDP7

Quant Time: Sep 21 06:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	453956	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	426174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170830	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.67	69	150164	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.62%
11) 1,1-Dichloroethene-d2	2.26	63	239465	30.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.86%
21) 2-Butanone-d5	4.15	46	345817	97.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.09%
24) Chloroform-d	4.62	84	309307	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.29	65	226663	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.32	84	616189	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.31	67	225023	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.54	98	569809	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.83	79	94653	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.60%
47) 2-Hexanone-d5	8.29	63	217787	93.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	297431	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
64) 1,2-Dichlorobenzene-d4	11.84	152	187209	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

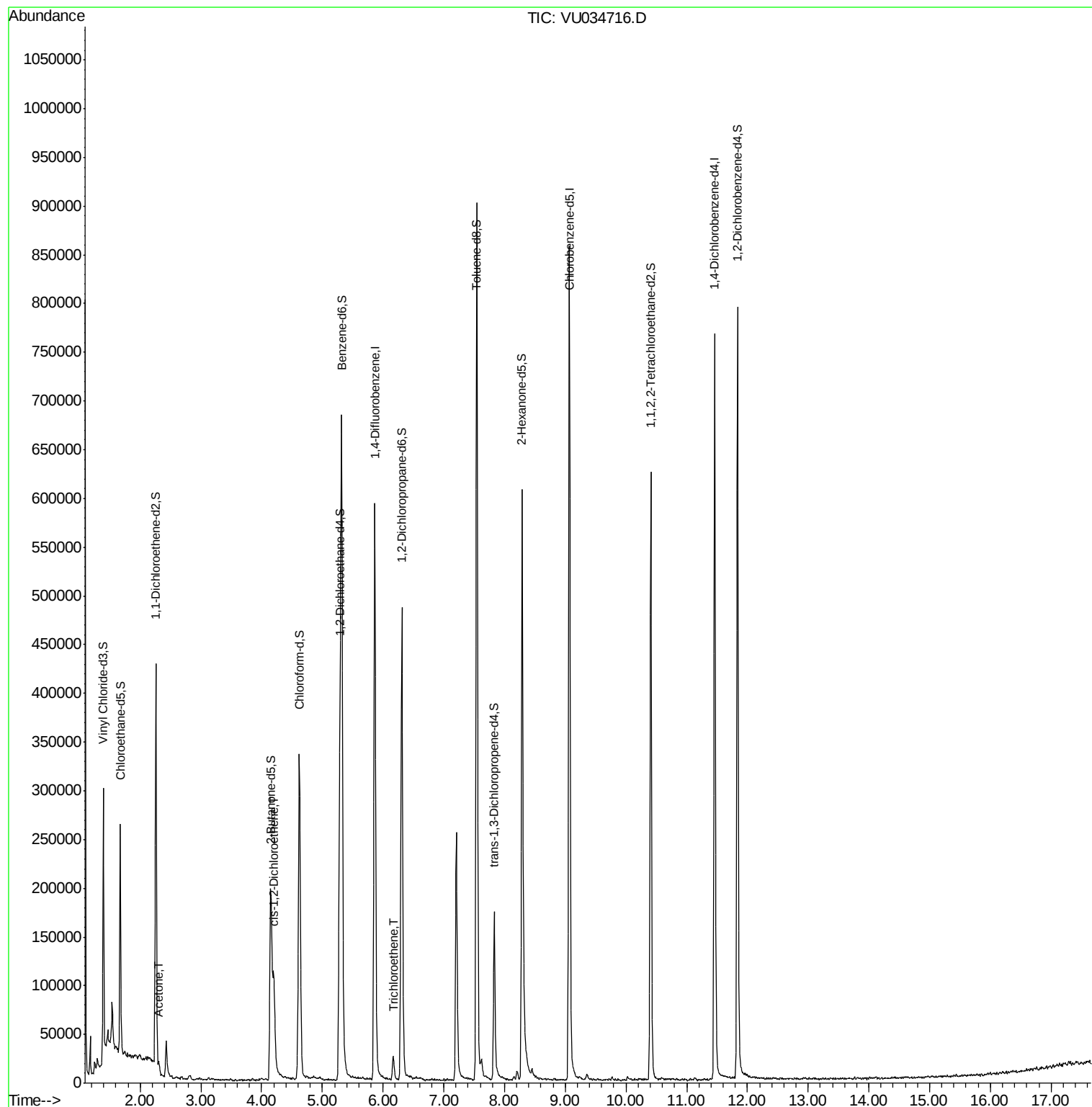
					Ovalue
13) Acetone	2.31	43	11893	2.870 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	42995	11.324 ug/L	96
34) Trichloroethene	6.17	95	7133	1.954 ug/L	94

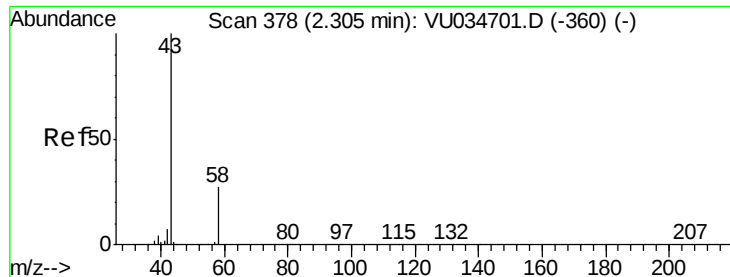
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.870 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

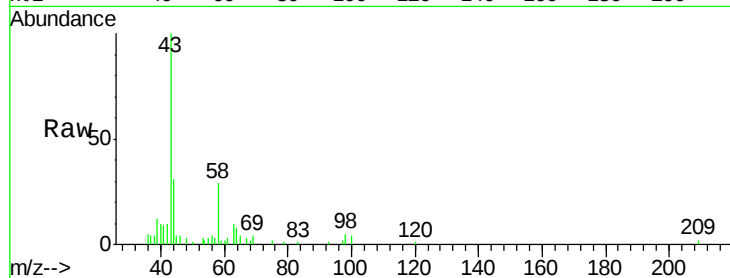
BEDP7

Tot Ion: 43 Resp: 11893

Ion Ratio Lower Upper

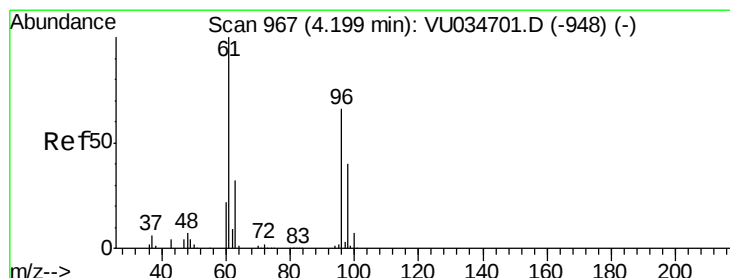
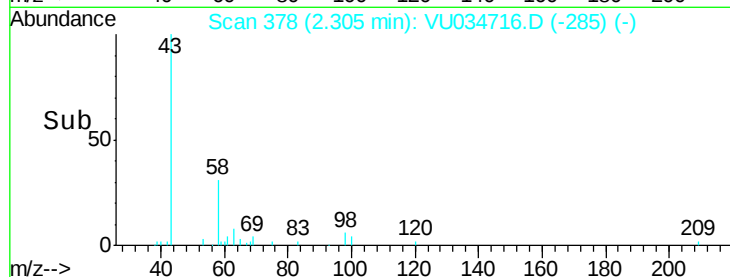
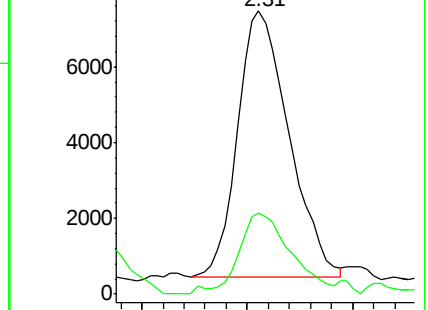
43 100

58 27.9 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034716.D (-285) (-)

Ion 58.00 (57.70 to 58.70): VU034716.D (-285) (-)



#20

cis-1,2-Dichloroethene

Concen: 11.324 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034716.D

Acq: 21 Sep 2019 02:17

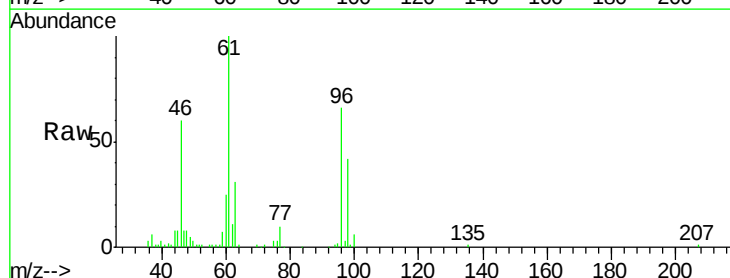
Tgt Ion: 96 Resp: 42995

Ion Ratio Lower Upper

96 100

61 150.9 108.8 202.2

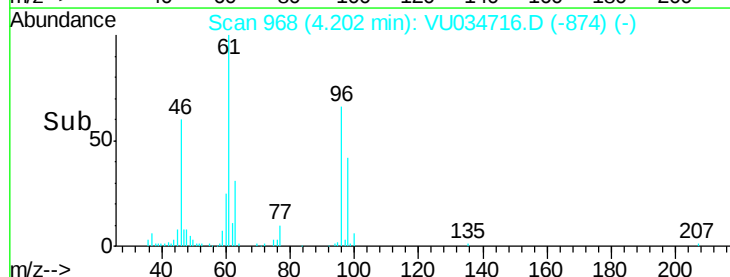
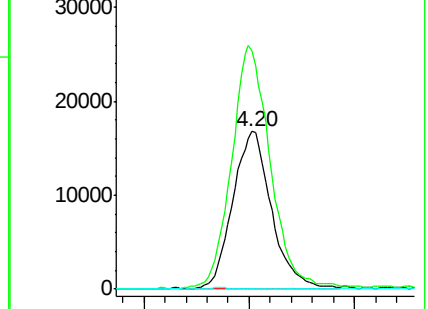
68 0.0 0.0 0.0

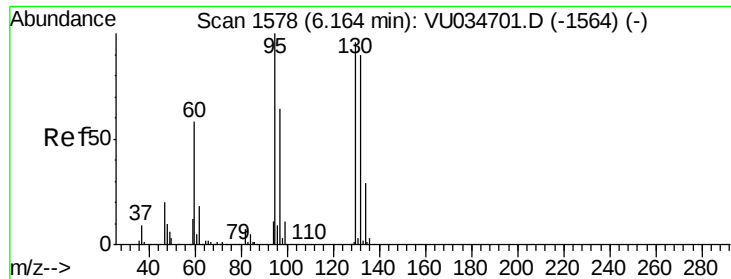


Abundance Ion 96.00 (95.70 to 96.70): VU034716.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU034716.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU034716.D (-874) (-)





#34

Trichloroethene

Concen: 1.954 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034716.D

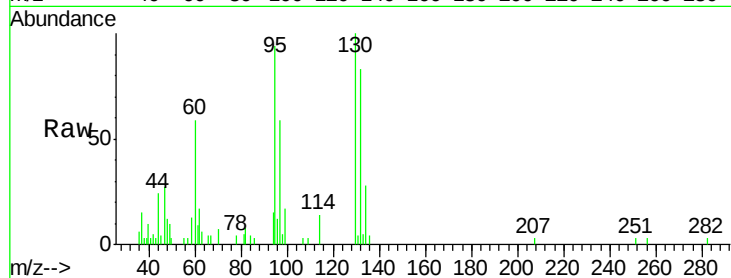
Acq: 21 Sep 2019 02:17

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ClientSampleId :

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Tot Ion: 95 Resp: 7133

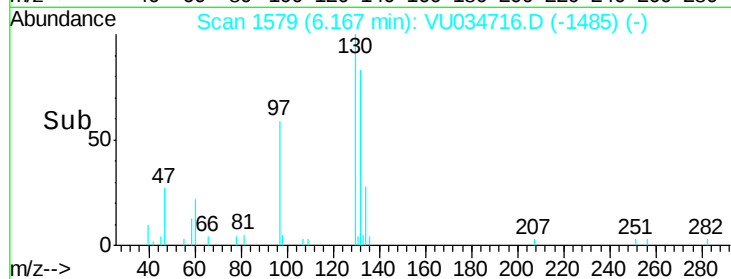
Ion Ratio Lower Upper

95 100

97 62.8 43.7 81.1

132 88.5 61.0 113.2

130 106.5 65.7 121.9



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

