

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034695.D
 Acq On : 20 Sep 2019 17:42
 Operator : JC/SP
 Sample : K4948-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDP1

Quant Time: Sep 21 04:50:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	480455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	466516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	204546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199611	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.16%
7) Chloroethane-d5	1.67	69	173745	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.26	63	279671	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	4.15	46	392344	104.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	4.62	84	343895	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.29	65	251293	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.32	84	678099	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	245061	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.54	98	644163	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	7.83	79	109318	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.29	63	249191	98.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.17%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328165	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	218570	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

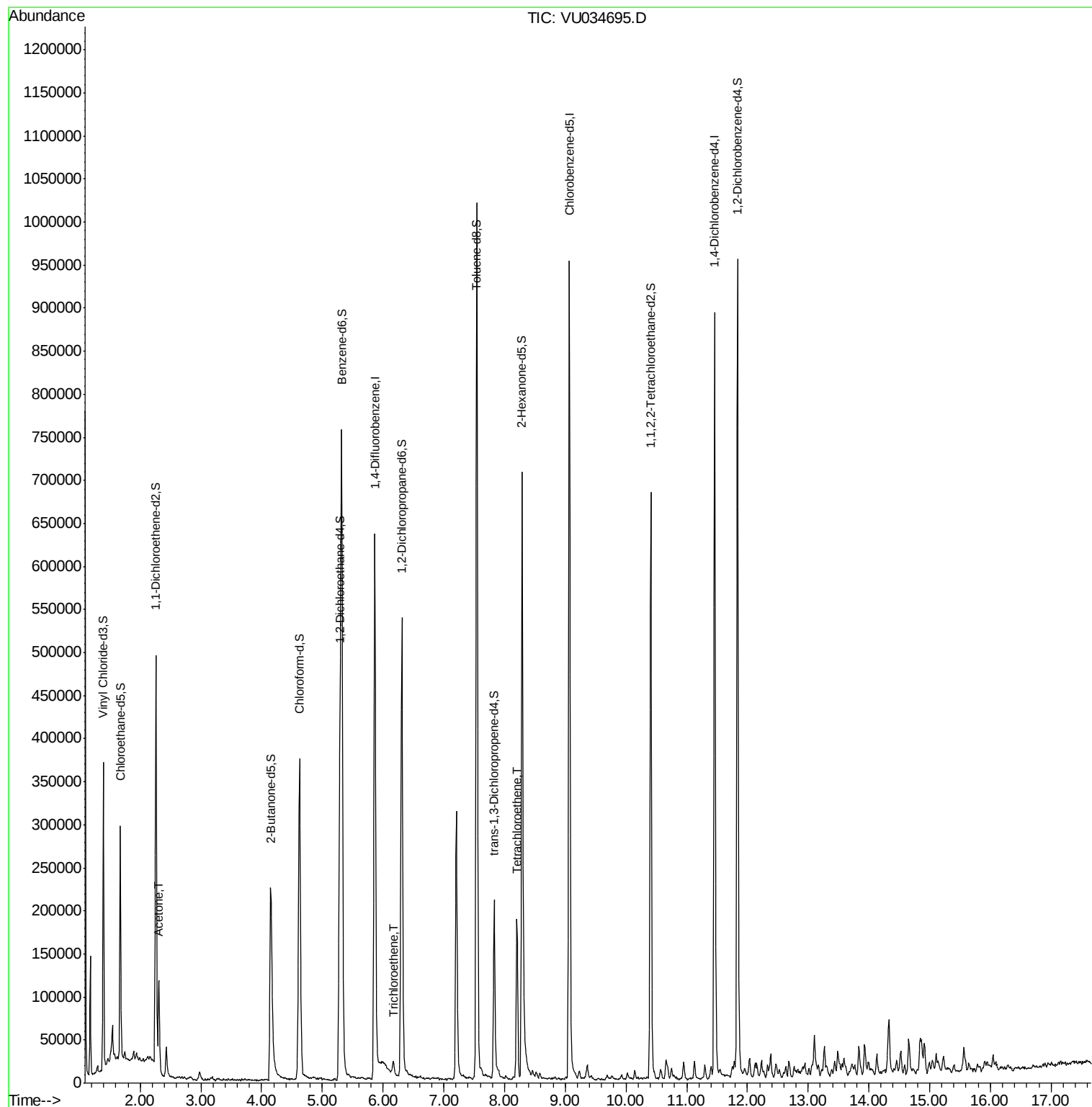
					Ovalue
13) Acetone	2.31	43	119960	27.356	ug/L 99
34) Trichloroethene	6.17	95	4547	1.138	ug/L 92
46) Tetrachloroethene	8.21	164	37069	13.188	ug/L 93

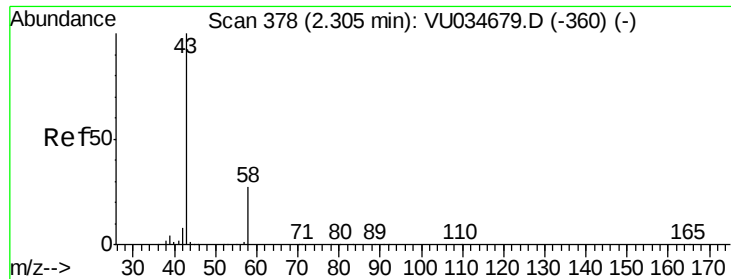
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034695.D
Acq On : 20 Sep 2019 17:42
Operator : JC/SP
Sample : K4948-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDP1

Quant Time: Sep 21 04:50:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 27.356 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034695.D

Acq: 20 Sep 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

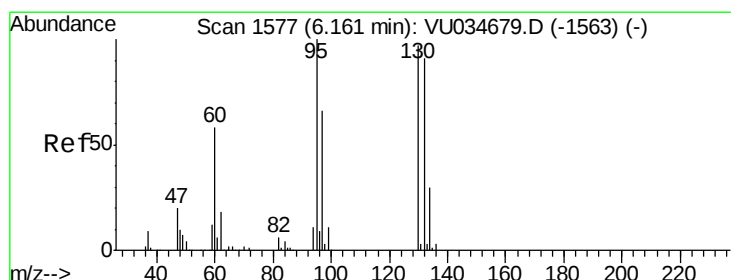
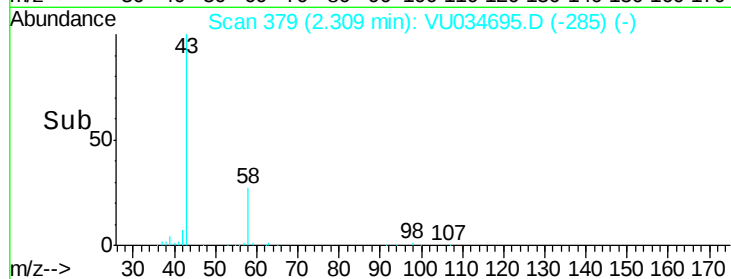
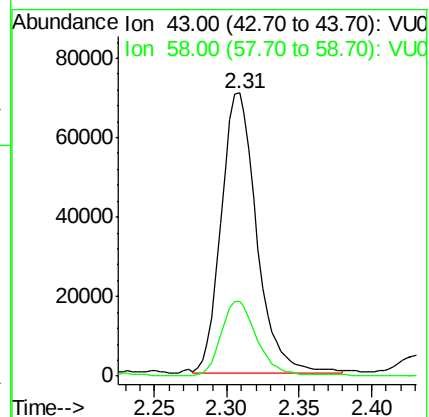
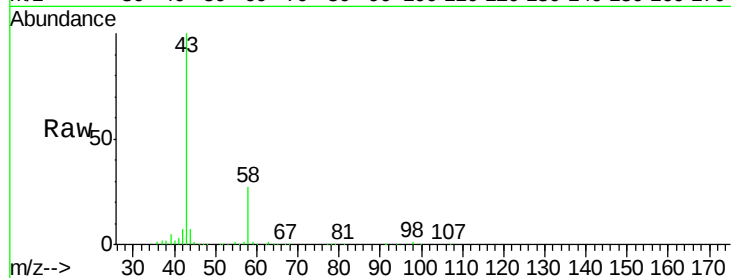
BEDP1

Tot Ion: 43 Resp: 119960

Ion Ratio Lower Upper

43 100

58 27.0 0.0 53.4



#34

Trichloroethene

Concen: 1.138 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU034695.D

Acq: 20 Sep 2019 17:42

Tgt Ion: 95 Resp: 4547

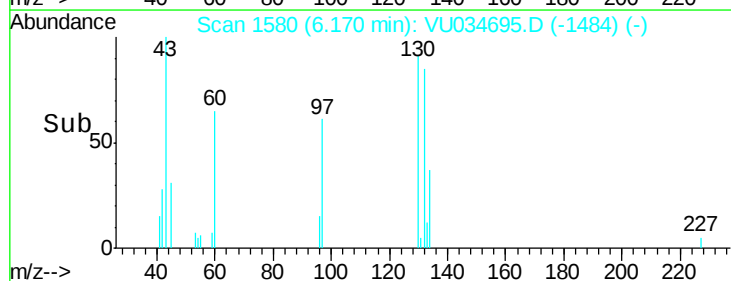
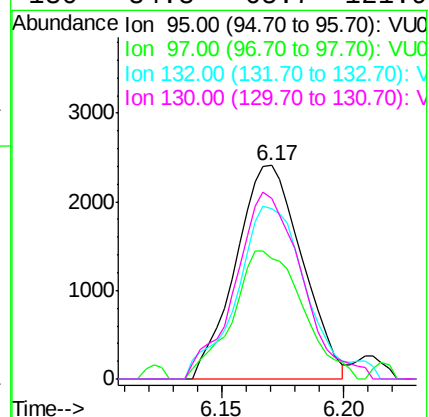
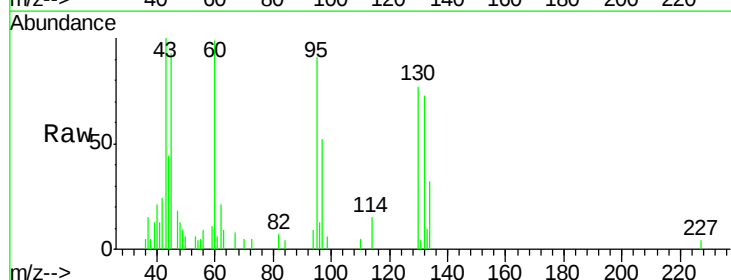
Ion Ratio Lower Upper

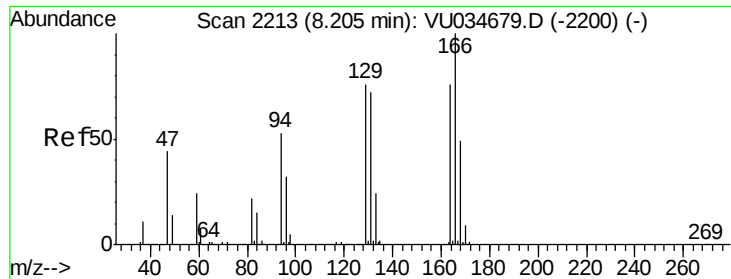
95 100

97 56.6 43.7 81.1

132 79.5 61.0 113.2

130 84.8 65.7 121.9





#46

Tetrachloroethene

Concen: 13.188 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034695.D

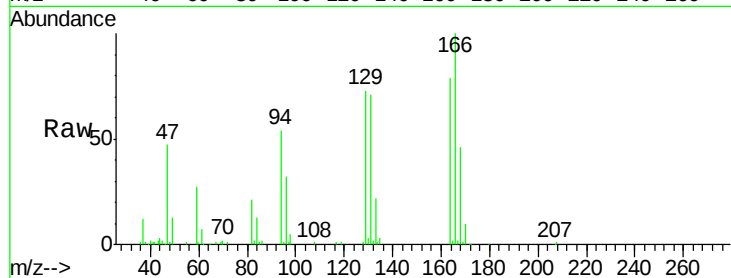
Acq: 20 Sep 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

BEDP1



Tot Ion:164 Resp: 37069

Ion Ratio Lower Upper

164 100

129 92.3 71.9 133.5

131 90.6 66.3 123.1

166 127.2 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

