

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034684.D
 Acq On : 20 Sep 2019 13:24
 Operator : JC/SP
 Sample : K4948-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM9

Quant Time: Sep 21 03:35:33 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	483553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	450611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	203813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217211	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.76%
7) Chloroethane-d5	1.67	69	181331	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.78%
11) 1,1-Dichloroethene-d2	2.26	63	293805	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.15	46	413583	109.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.01%
24) Chloroform-d	4.62	84	351703	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.29	65	256871	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
32) Benzene-d6	5.32	84	702296	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
36) 1,2-Dichloropropane-d6	6.31	67	248989	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.54	98	653520	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	7.83	79	115504	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
47) 2-Hexanone-d5	8.29	63	251238	102.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	324190	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	213196	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%

Target Compounds

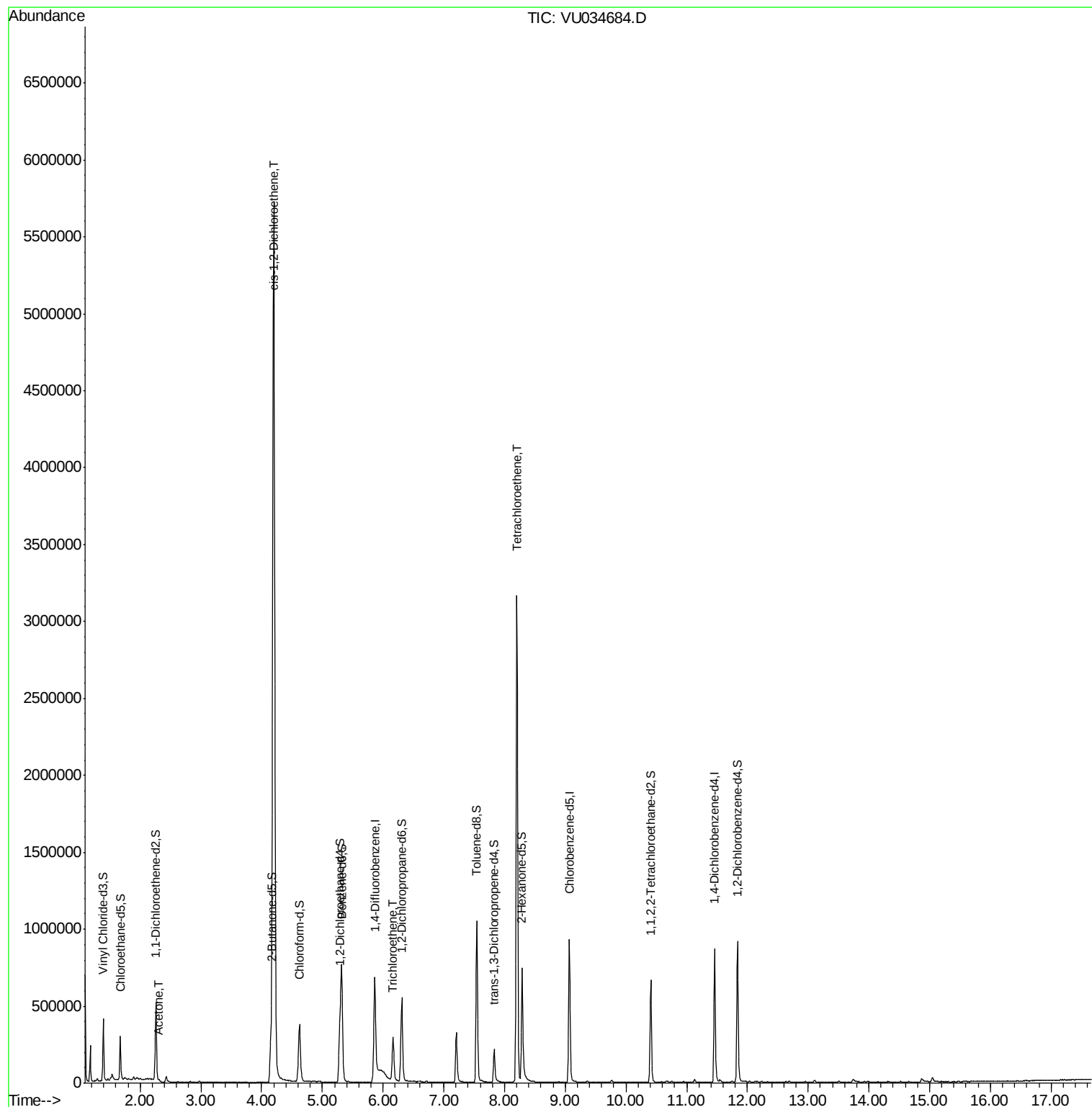
					Ovalue
13) Acetone	2.31	43	14823	3.359 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	2825256	698.556 ug/L #	100
34) Trichloroethene	6.16	95	97631	25.295 ug/L	95
46) Tetrachloroethene	8.21	164	609834	224.622 ug/L	97

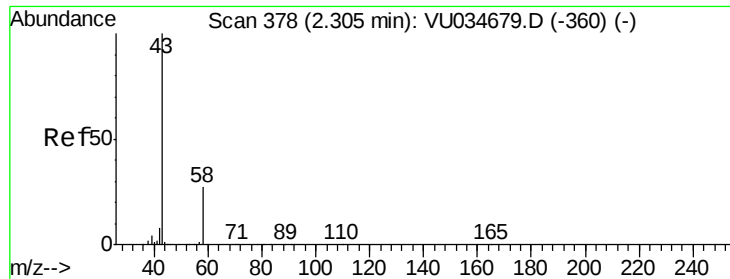
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.359 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034684.D

Acq: 20 Sep 2019 13:24

Instrument :

MSVOA_U

ClientSampleId :

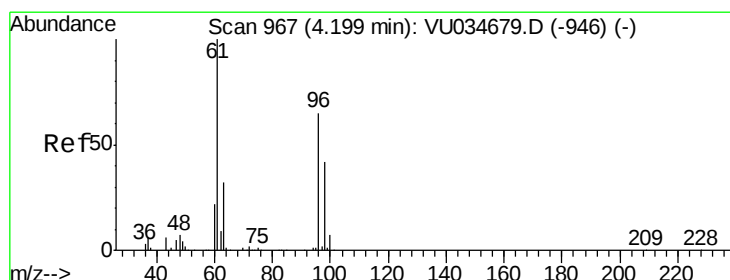
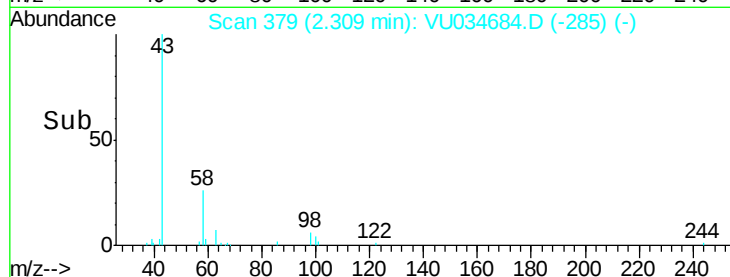
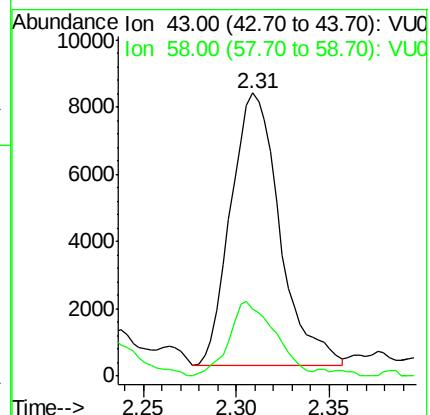
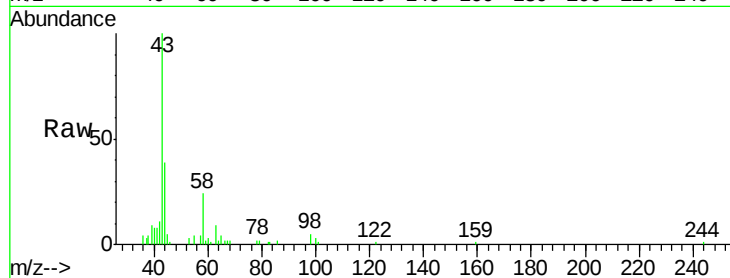
BEDM9

Tot Ion: 43 Resp: 14823

Ion Ratio Lower Upper

43 100

58 25.7 0.0 53.4



#20

cis-1,2-Dichloroethene

Concen: 698.556 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034684.D

Acq: 20 Sep 2019 13:24

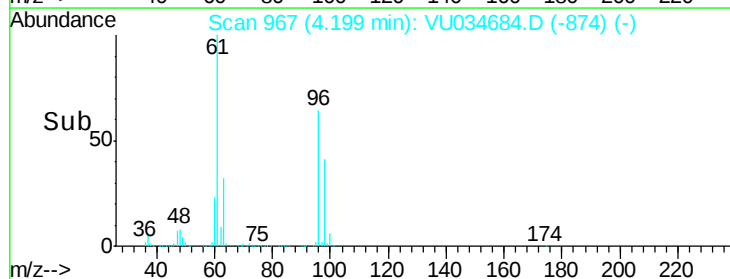
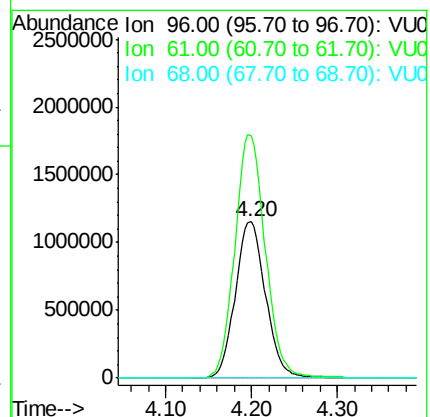
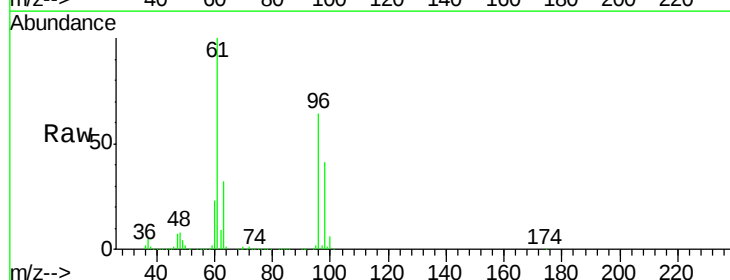
Tgt Ion: 96 Resp: 2825256

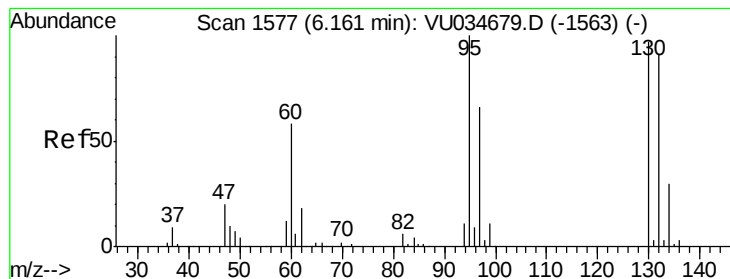
Ion Ratio Lower Upper

96 100

61 155.6 108.8 202.2

68 0.0 0.0 0.0#





#34

Trichloroethene

Concen: 25.295 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034684.D

Acq: 20 Sep 2019 13:24

Instrument :

MSVOA_U

ClientSampleId :

BEDM9

Tot Ion: 95 Resp: 97631

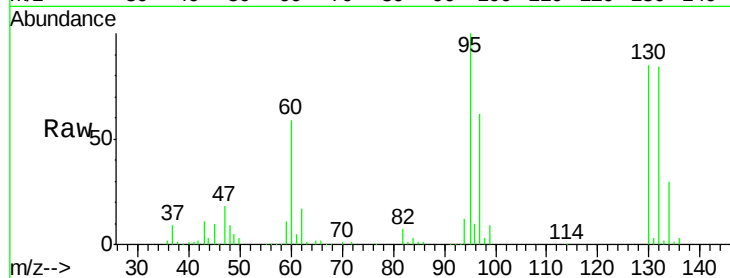
Ion Ratio Lower Upper

95 100

97 61.5 43.7 81.1

132 83.7 61.0 113.2

130 85.2 65.7 121.9



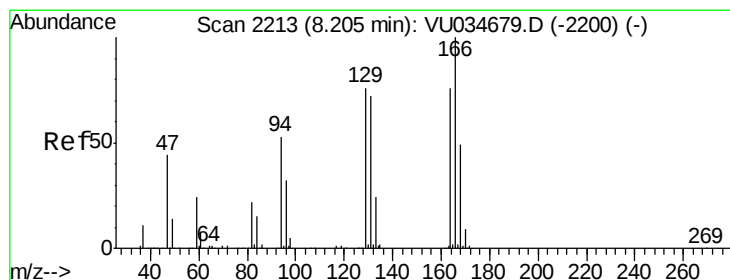
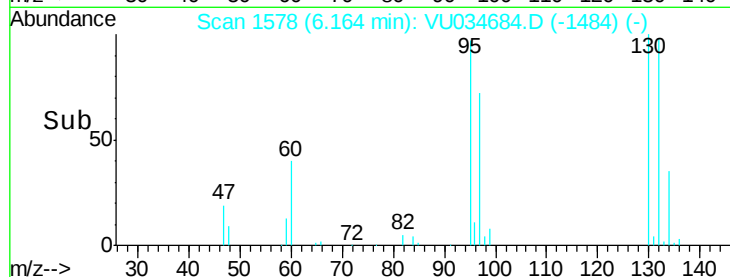
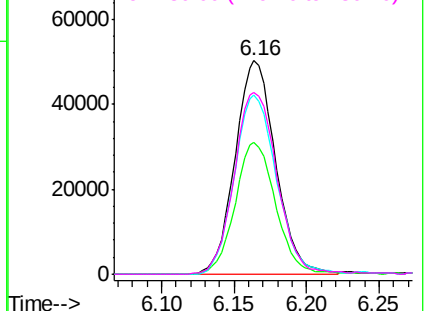
Abundance

Ion 95.00 (94.70 to 95.70): VU034684.D (-1484) (-)

Ion 97.00 (96.70 to 97.70): VU034684.D (-1484) (-)

Ion 132.00 (131.70 to 132.70): VU034684.D (-1484) (-)

Ion 130.00 (129.70 to 130.70): VU034684.D (-1484) (-)



#46

Tetrachloroethene

Concen: 224.622 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034684.D

Acq: 20 Sep 2019 13:24

Tgt Ion: 164 Resp: 609834

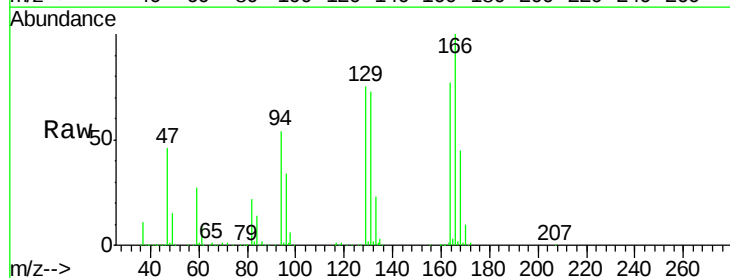
Ion Ratio Lower Upper

164 100

129 98.2 71.9 133.5

131 95.5 66.3 123.1

166 130.7 93.4 173.6



Abundance

Ion 164.00 (163.70 to 164.70): VU034684.D (-2120) (-)

Ion 129.00 (128.70 to 129.70): VU034684.D (-2120) (-)

Ion 131.00 (130.70 to 131.70): VU034684.D (-2120) (-)

Ion 166.00 (165.70 to 166.70): VU034684.D (-2120) (-)

