

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034691.D
 Acq On : 20 Sep 2019 16:08
 Operator : JC/SP
 Sample : K4948-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN2

Quant Time: Sep 21 04:14:33 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	514800	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	472658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	218722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206484	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.67	69	169840	41.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.26	63	288319	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	4.15	46	409725	101.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.44%
24) Chloroform-d	4.62	84	333879	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
26) 1,2-Dichloroethane-d4	5.28	65	245084	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
32) Benzene-d6	5.32	84	679156	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	6.31	67	245468	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	7.54	98	626413	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.83	79	113349	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
47) 2-Hexanone-d5	8.29	63	257817	100.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	315966	44.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	214744	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%

Target Compounds

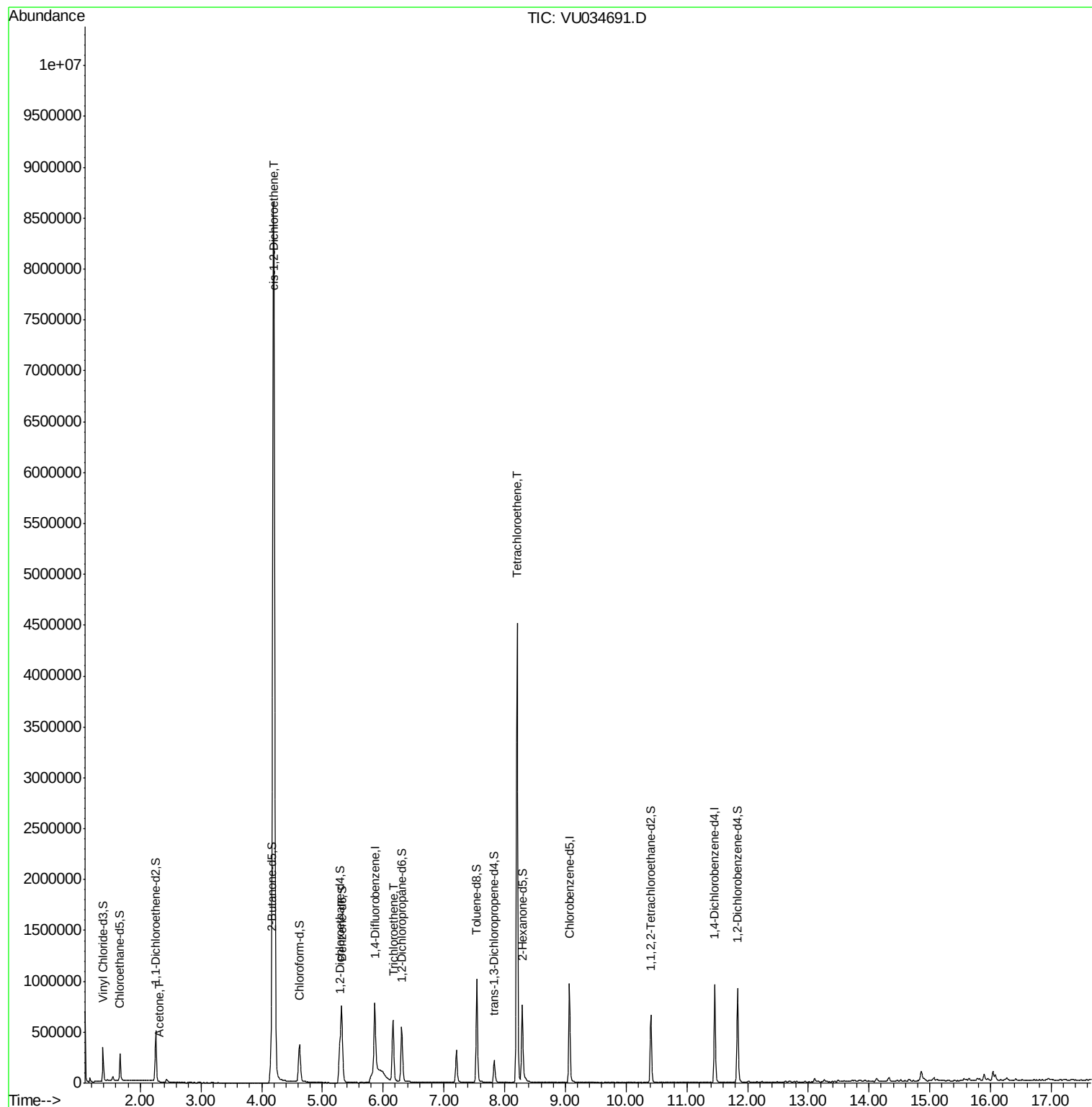
					Ovalue
13) Acetone	2.31	43	11644	2.478	ug/L 96
20) cis-1,2-Dichloroethene	4.20	96	4256676	988.598	ug/L # 100
34) Trichloroethene	6.16	95	198480	49.025	ug/L 97
46) Tetrachloroethene	8.21	164	868453	304.960	ug/L 97

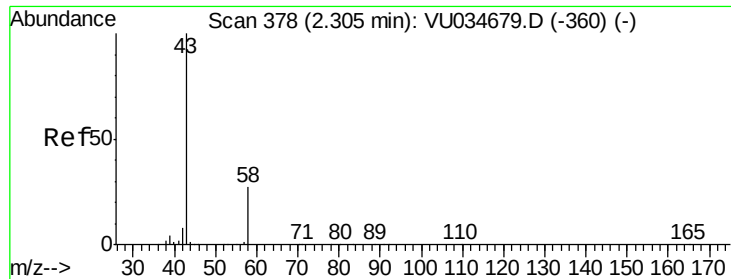
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.478 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034691.D

Acq: 20 Sep 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

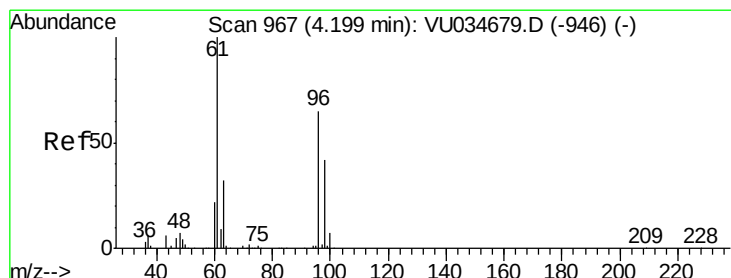
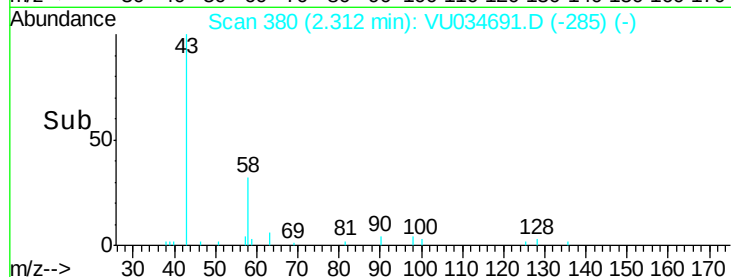
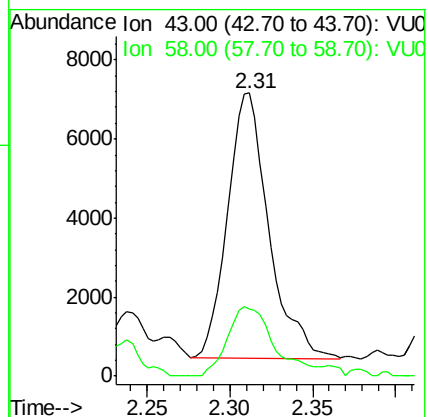
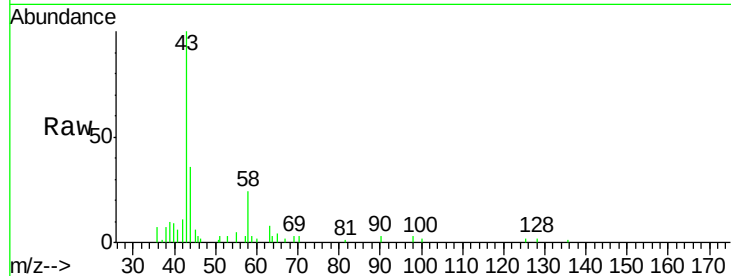
BEDN2

Tot Ion: 43 Resp: 11644

Ion Ratio Lower Upper

43 100

58 29.0 0.0 53.4



#20

cis-1,2-Dichloroethene

Concen: 988.598 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU034691.D

Acq: 20 Sep 2019 16:08

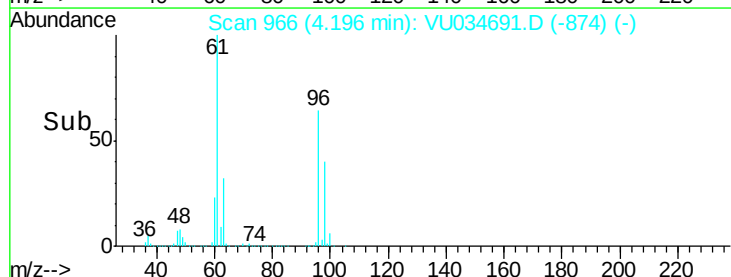
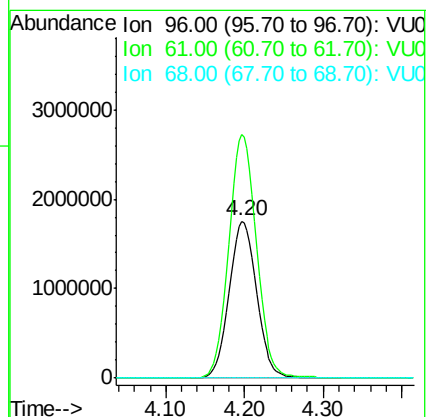
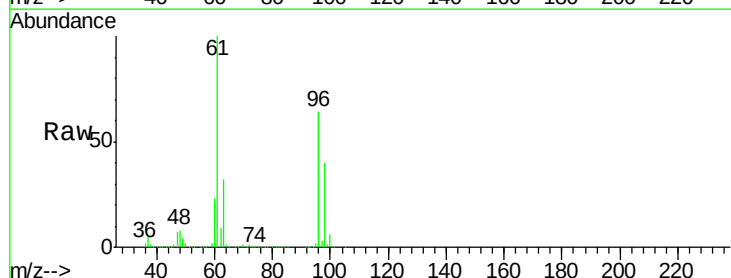
Tgt Ion: 96 Resp: 4256676

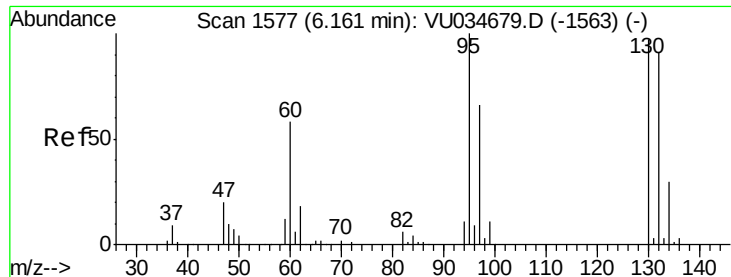
Ion Ratio Lower Upper

96 100

61 155.4 108.8 202.2

68 0.0 0.0 0.0#





#34

Trichloroethene

Concen: 49.025 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034691.D

Acq: 20 Sep 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

BEDN2

Tot Ion: 95 Resp: 198480

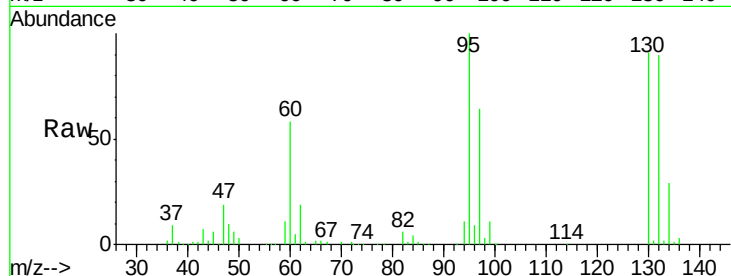
Ion Ratio Lower Upper

95 100

97 64.0 43.7 81.1

132 90.1 61.0 113.2

130 90.8 65.7 121.9



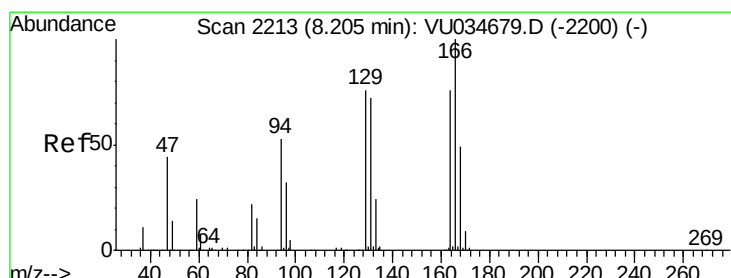
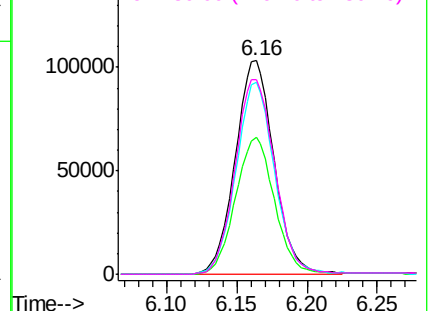
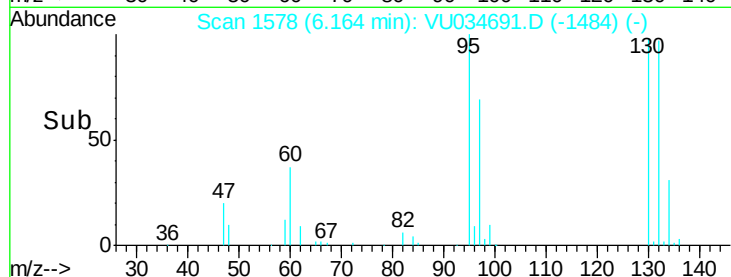
Abundance

Ion 95.00 (94.70 to 95.70): VU034691.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VU034691.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VU034691.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VU034691.D (-1563) (-)



#46

Tetrachloroethene

Concen: 304.960 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034691.D

Acq: 20 Sep 2019 16:08

Tgt Ion: 164 Resp: 868453

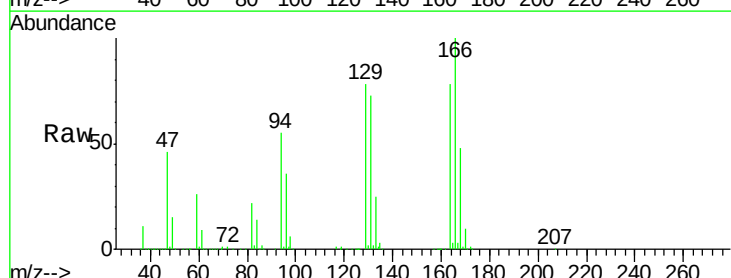
Ion Ratio Lower Upper

164 100

129 100.3 71.9 133.5

131 93.6 66.3 123.1

166 128.1 93.4 173.6



Abundance

Ion 164.00 (163.70 to 164.70): VU034691.D (-2200) (-)

Ion 129.00 (128.70 to 129.70): VU034691.D (-2200) (-)

Ion 131.00 (130.70 to 131.70): VU034691.D (-2200) (-)

Ion 166.00 (165.70 to 166.70): VU034691.D (-2200) (-)

