

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028844.D
 Acq On : 20 Dec 2018 23:07
 Operator : MD/SY
 Sample : J6506-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF013

Quant Time: Dec 21 06:37:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	192567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64645	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.74%
7) Chloroethane-d5	1.67	69	52461	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	83071	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.00%
21) 2-Butanone-d5	4.17	46	114784	106.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.12%
24) Chloroform-d	4.65	84	110594	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.31	65	71792	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.34	84	239138	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.33	67	84512	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.57	98	209965	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.85	79	36019	46.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.44%
47) 2-Hexanone-d5	8.31	63	87937	107.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117521	49.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	75322	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

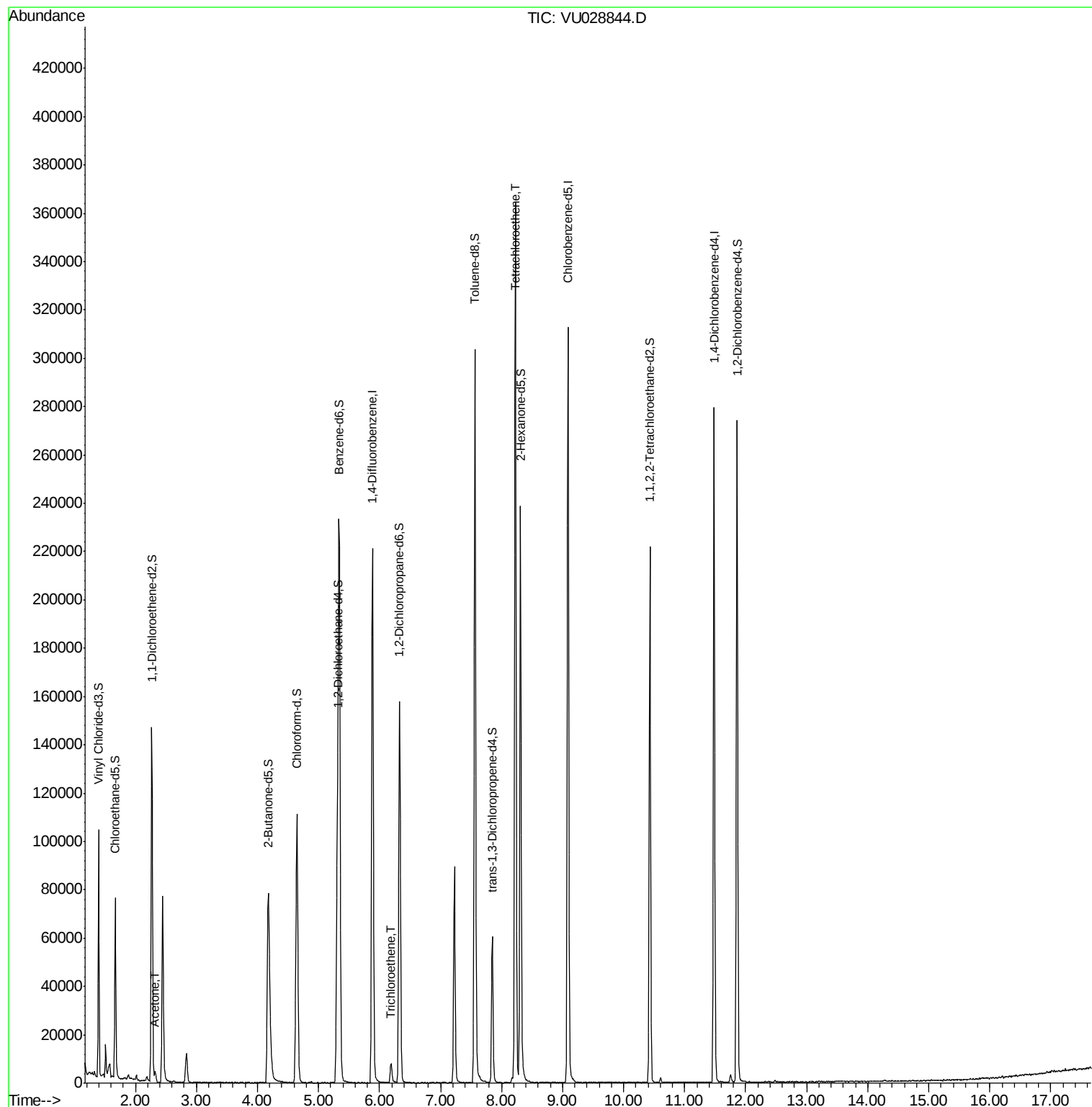
Target Compounds					Qvalue
13) Acetone	2.32	43	3513	3.187 ug/L	96
34) Trichloroethene	6.19	95	2301	1.670 ug/L	93
46) Tetrachloroethene	8.22	164	83641	78.815 ug/L	99

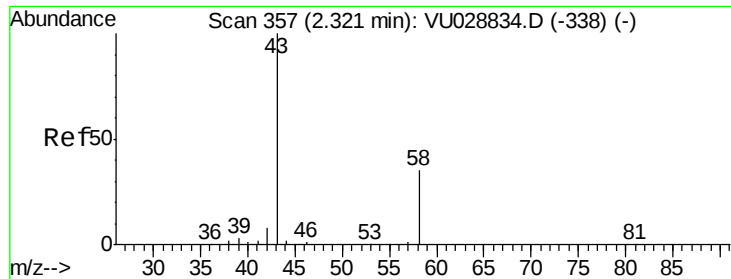
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028844.D
Acq On : 20 Dec 2018 23:07
Operator : MD/SY
Sample : J6506-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF013

Quant Time: Dec 21 06:37:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.187 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028844.D

Acq: 20 Dec 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

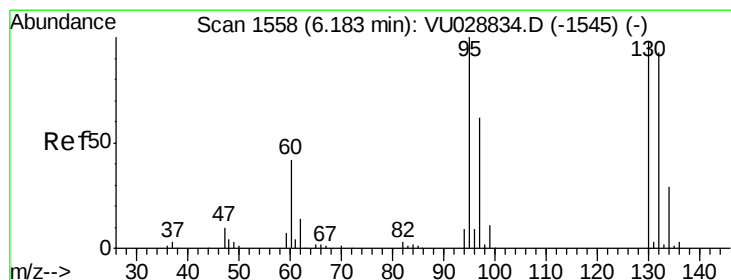
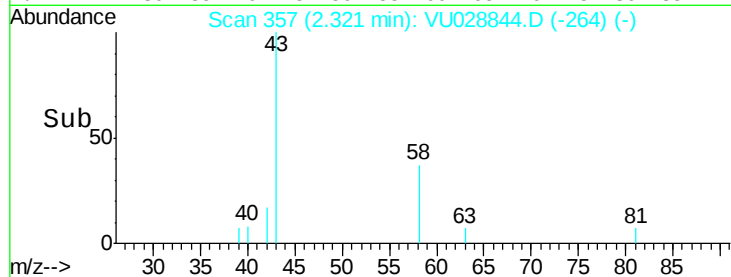
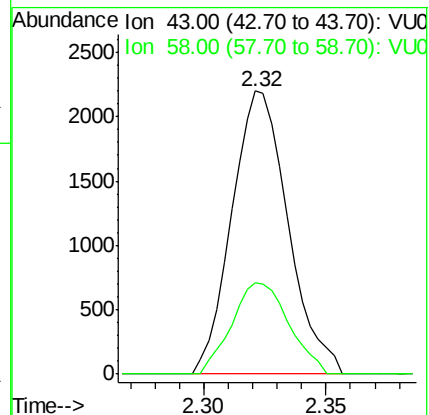
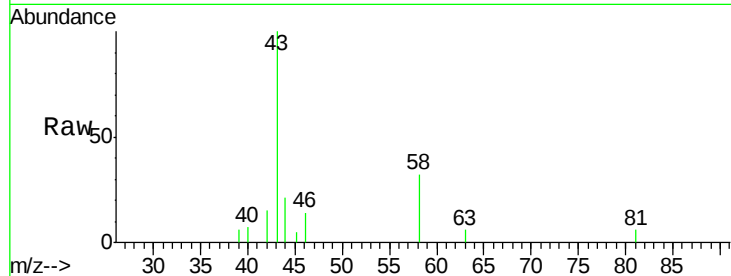
BF013

Tgt Ion: 43 Resp: 3513

Ion Ratio Lower Upper

43 100

58 32.7 0.0 70.2



#34

Trichloroethene

Concen: 1.670 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VU028844.D

Acq: 20 Dec 2018 23:07

Tgt Ion: 95 Resp: 2301

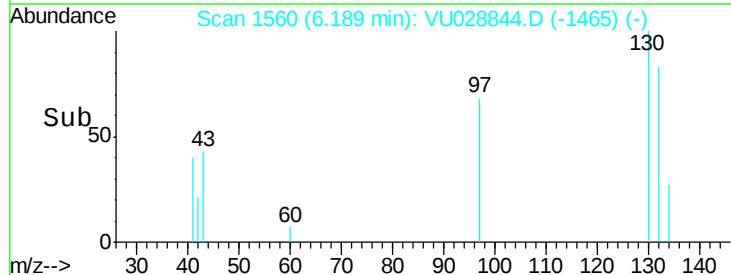
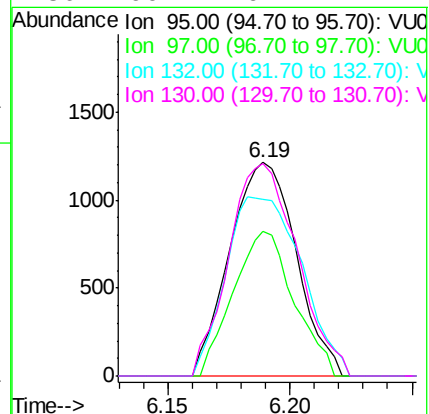
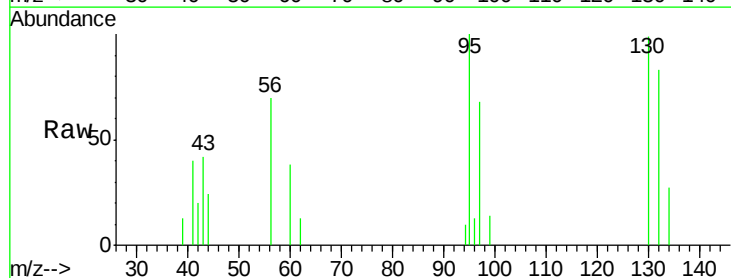
Ion Ratio Lower Upper

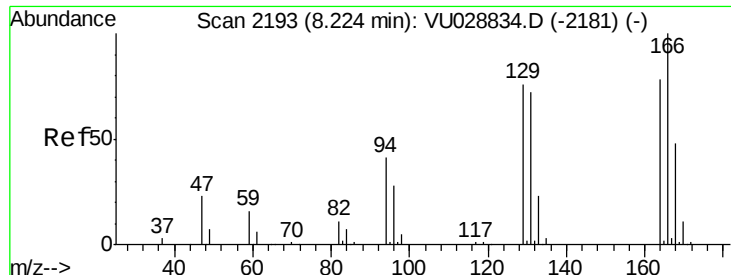
95 100

97 67.6 43.3 80.3

132 82.8 64.2 119.2

130 99.4 67.1 124.7





#46

Tetrachloroethene

Concen: 78.815 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028844.D

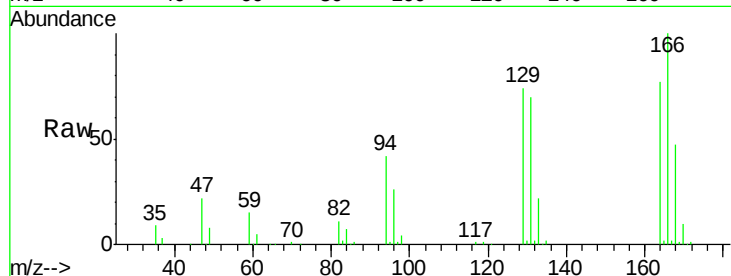
Acq: 20 Dec 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

BF013



Tgt Ion:164 Resp: 83641

Ion Ratio Lower Upper

164 100

129 95.8 66.8 124.0

131 90.6 64.2 119.2

166 129.4 90.8 168.6

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

