

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028878.D
 Acq On : 21 Dec 2018 17:00
 Operator : MD/SY
 Sample : J6506-18RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF010

Quant Time: Dec 22 01:40:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 23:27:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55031	37.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.66%
7) Chloroethane-d5	1.67	69	47845	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.04%
11) 1,1-Dichloroethene-d2	2.27	63	74430	30.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.06%
21) 2-Butanone-d5	4.18	46	119056	115.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.28%
24) Chloroform-d	4.65	84	105126	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.31	65	68838	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
32) Benzene-d6	5.34	84	228225	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.33	67	81739	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.28%
41) Toluene-d8	7.57	98	195653	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	7.85	79	34109	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.31	63	92617	117.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118730	51.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	73013	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds

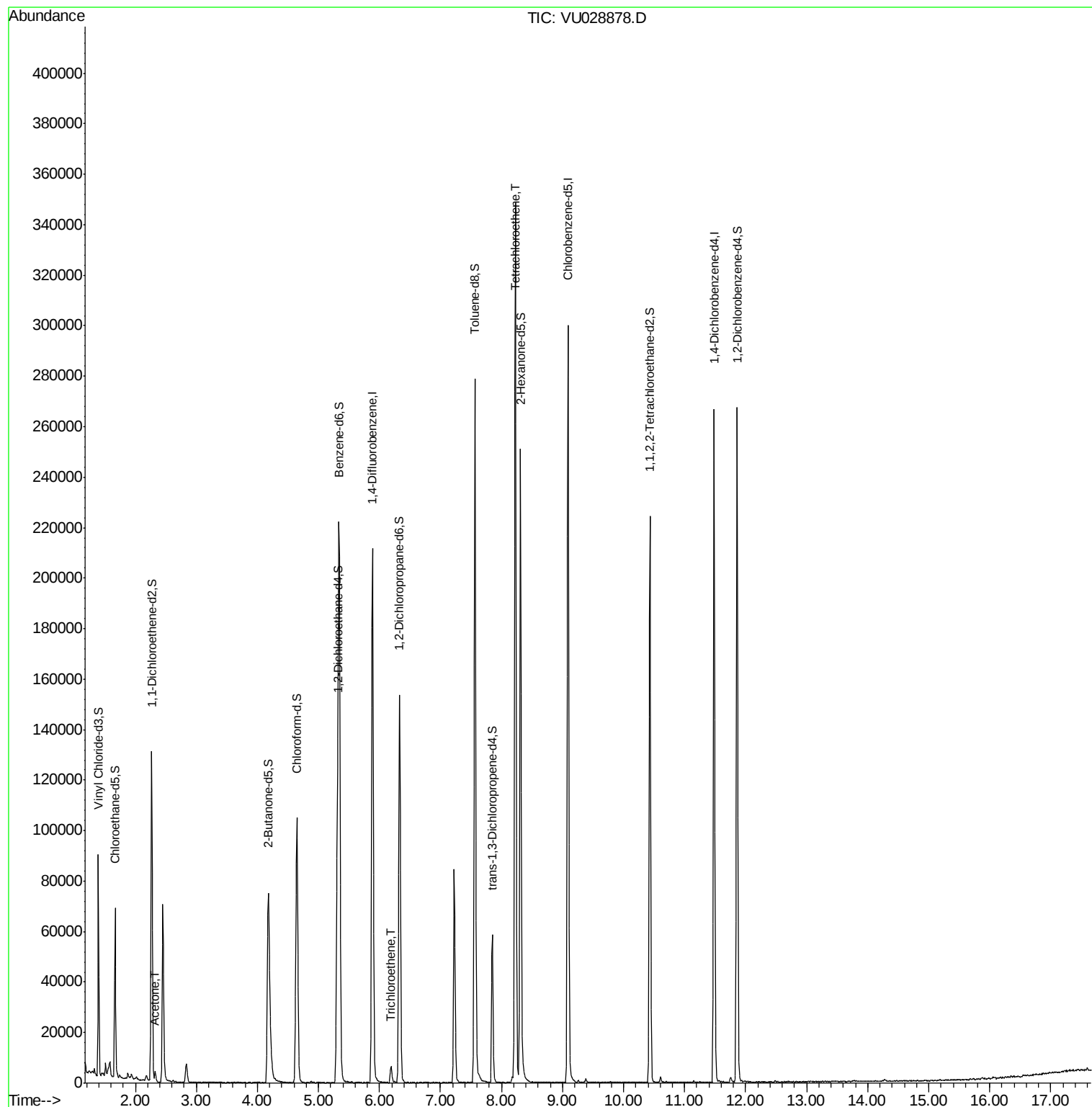
					Ovalue
13) Acetone	2.32	43	3340	3.174 ug/L	100
34) Trichloroethene	6.19	95	2280	1.712 ug/L	94
46) Tetrachloroethene	8.22	164	82069	79.992 ug/L	97

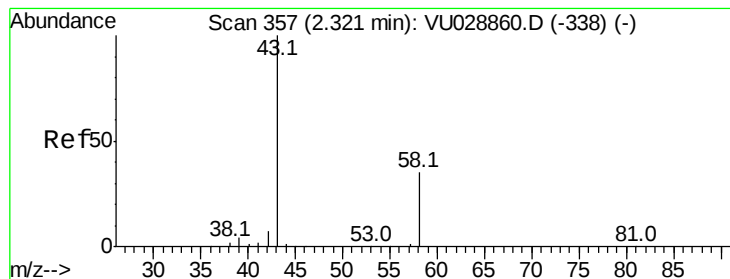
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.174 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

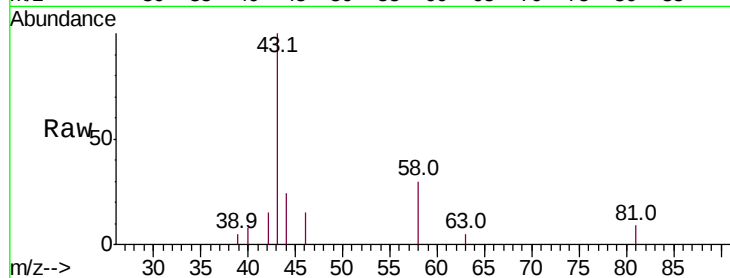
BF010

Tot Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028860.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU028860.D (-338) (-)

2.32

2000

1500

1000

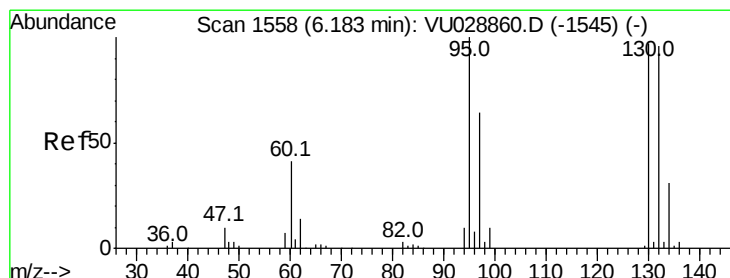
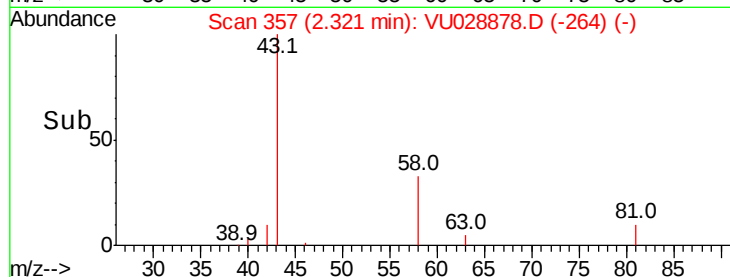
500

0

2.30

2.35

Time-->



#34

Trichloroethene

Concen: 1.712 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VU028878.D

Acq: 21 Dec 2018 17:00

Tgt Ion: 95 Resp: 2280

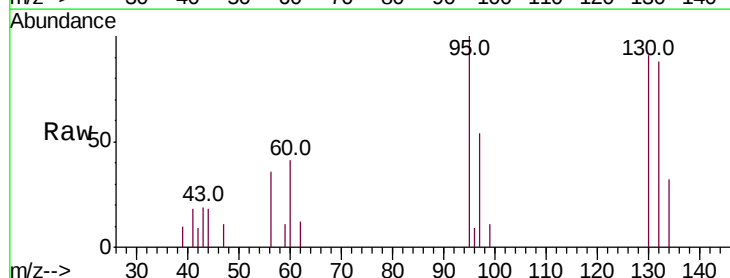
Ion Ratio Lower Upper

95 100

97 54.4 43.3 80.3

132 88.3 64.2 119.2

130 90.5 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VU028860.D (-1545) (-)

Ion 97.00 (96.70 to 97.70): VU028860.D (-1545) (-)

Ion 132.00 (131.70 to 132.70): VU028860.D (-1545) (-)

Ion 130.00 (129.70 to 130.70): VU028860.D (-1545) (-)

1500

1000

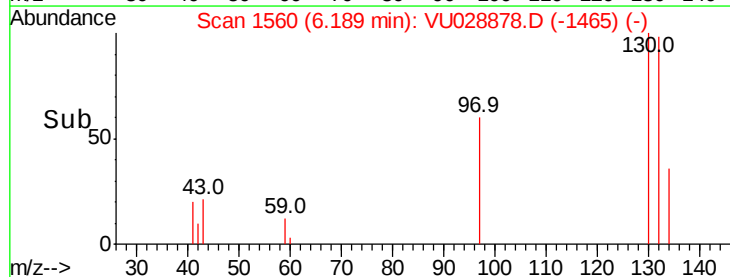
500

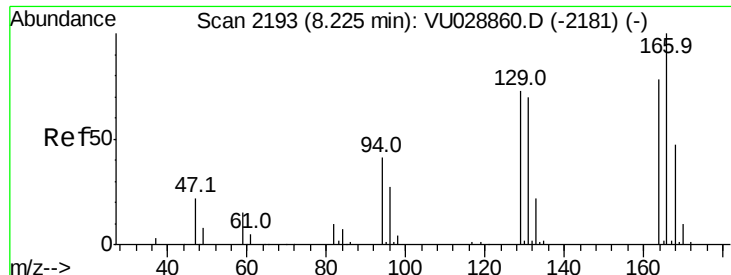
0

6.15

6.20

Time-->





#46

Tetrachloroethene

Concen: 79.992 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028878.D

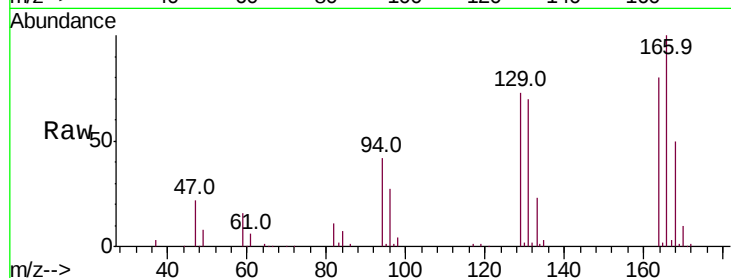
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Tot Ion:164 Resp: 82069

Ion Ratio Lower Upper

164 100

129 92.3 66.8 124.0

131 88.2 64.2 119.2

166 125.6 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

