

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028879.D
 Acq On : 21 Dec 2018 17:25
 Operator : MD/SY
 Sample : J6506-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF013

Quant Time: Dec 22 01:44:24 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	193235	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54049	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.78%
7) Chloroethane-d5	1.67	69	45719	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.27	63	73300	28.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.28%#
21) 2-Butanone-d5	4.18	46	117235	108.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.01%
24) Chloroform-d	4.65	84	104471	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.31	65	67826	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.34	84	221830	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.33	67	80758	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.08%
41) Toluene-d8	7.57	98	188668	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.85	79	33291	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.31	63	91346	112.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115884	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	71303	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

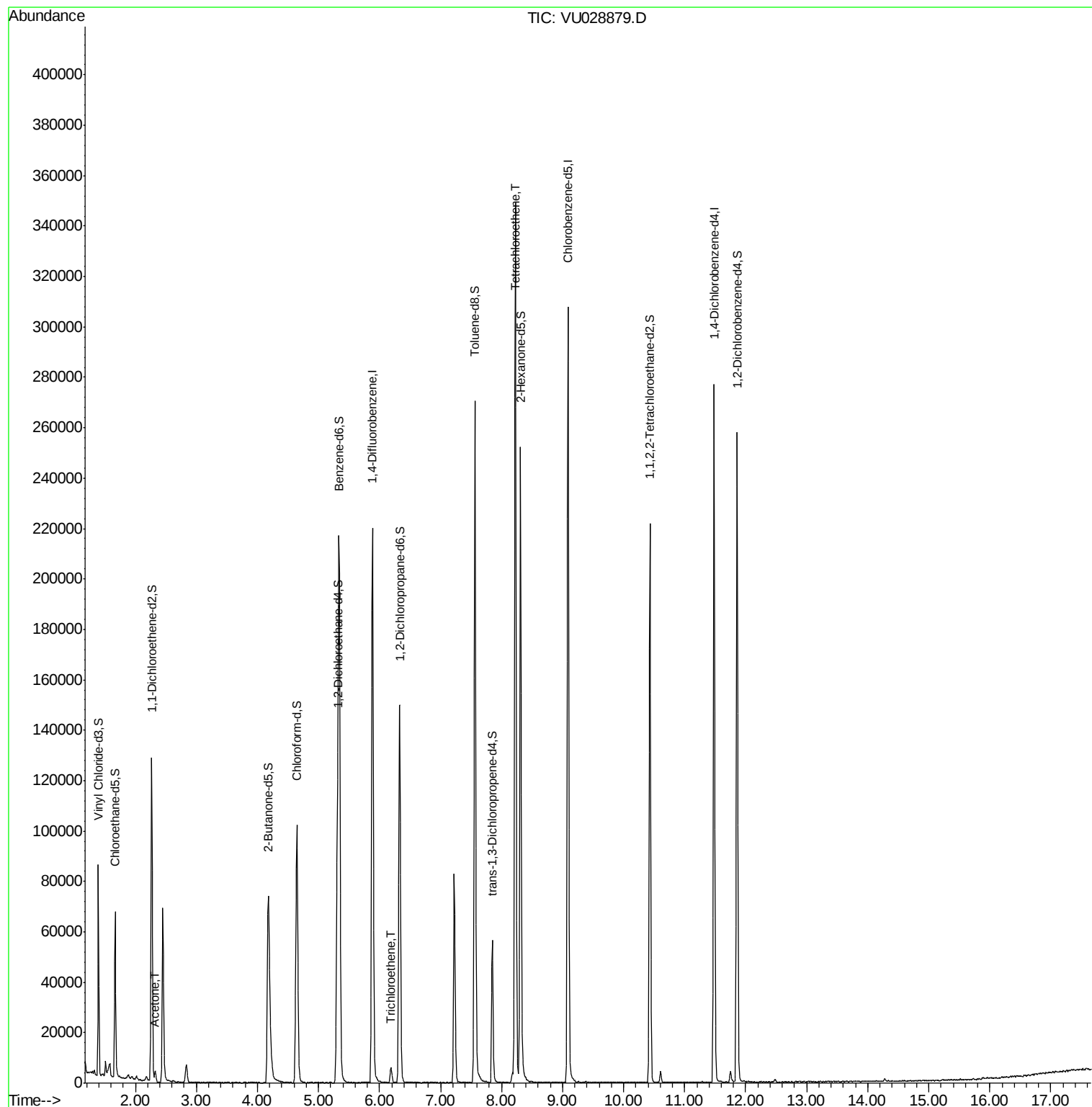
Target Compounds					Ovalue
13) Acetone	2.32	43	3662	3.311 ug/L	98
34) Trichloroethene	6.19	95	2338	1.701 ug/L	94
46) Tetrachloroethene	8.23	164	83330	78.697 ug/L	97

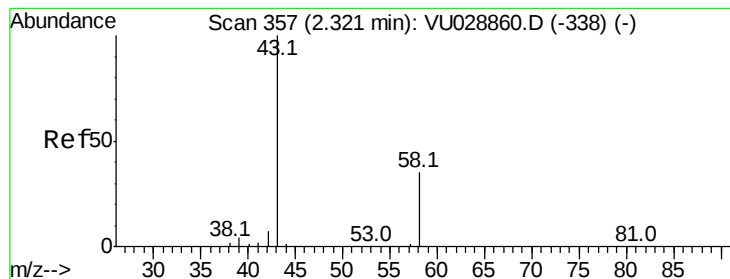
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.311 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028879.D

Acq: 21 Dec 2018 17:25

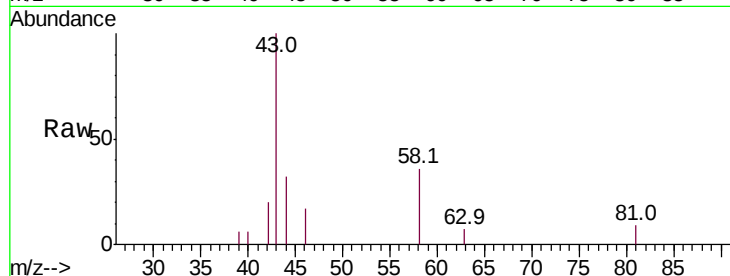
Instrument :
MSVOA_U
ClientSampled :
BF013

Tot Ion: 43 Resp: 3662

Ion Ratio Lower Upper

43 100

58 34.0 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

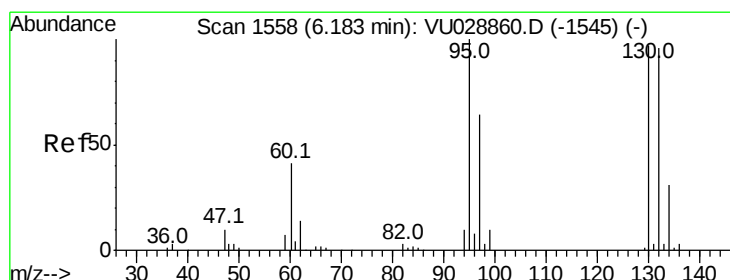
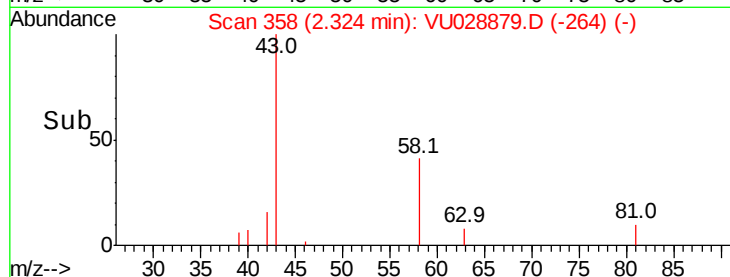
1000

500

0

2.30 2.35

Time-->



#34

Trichloroethene

Concen: 1.701 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028879.D

Acq: 21 Dec 2018 17:25

Tgt Ion: 95 Resp: 2338

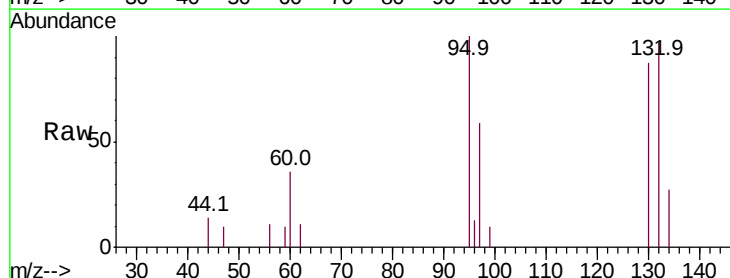
Ion Ratio Lower Upper

95 100

97 59.4 43.3 80.3

132 96.9 64.2 119.2

130 86.7 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) (-)

2000

1500

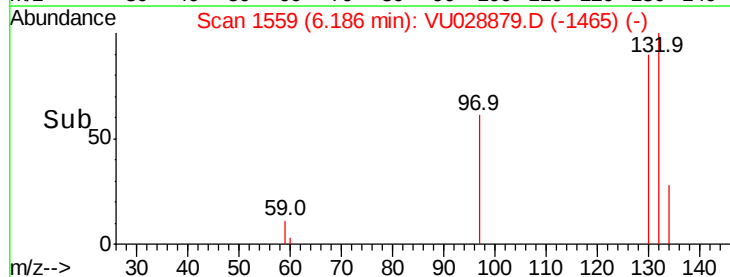
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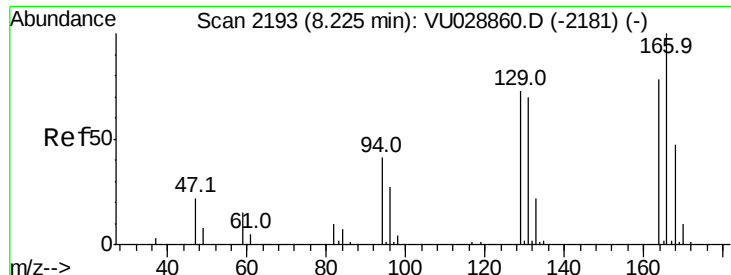
500

0

6.15 6.20

Time-->





#46

Tetrachloroethene

Concen: 78.697 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028879.D

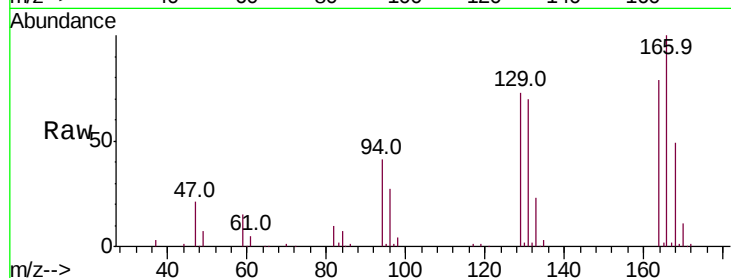
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Tot Ion:164 Resp: 83330

Ion Ratio Lower Upper

164 100

129 92.0 66.8 124.0

131 88.8 64.2 119.2

166 126.5 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

