

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028896.D
 Acq On : 22 Dec 2018 00:18
 Operator : MD/SY
 Sample : J6535-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR0

Quant Time: Dec 22 03:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 22 01:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	171870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60655	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.67	69	47752	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.27	63	80770	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	4.18	46	105665	109.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.46%
24) Chloroform-d	4.65	84	106621	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.31	65	67900	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.34	84	234288	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.33	67	81686	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.56	98	206726	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%
43) trans-1,3-Dichloropropene-	7.85	79	33663	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	80779	108.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110313	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	71938	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

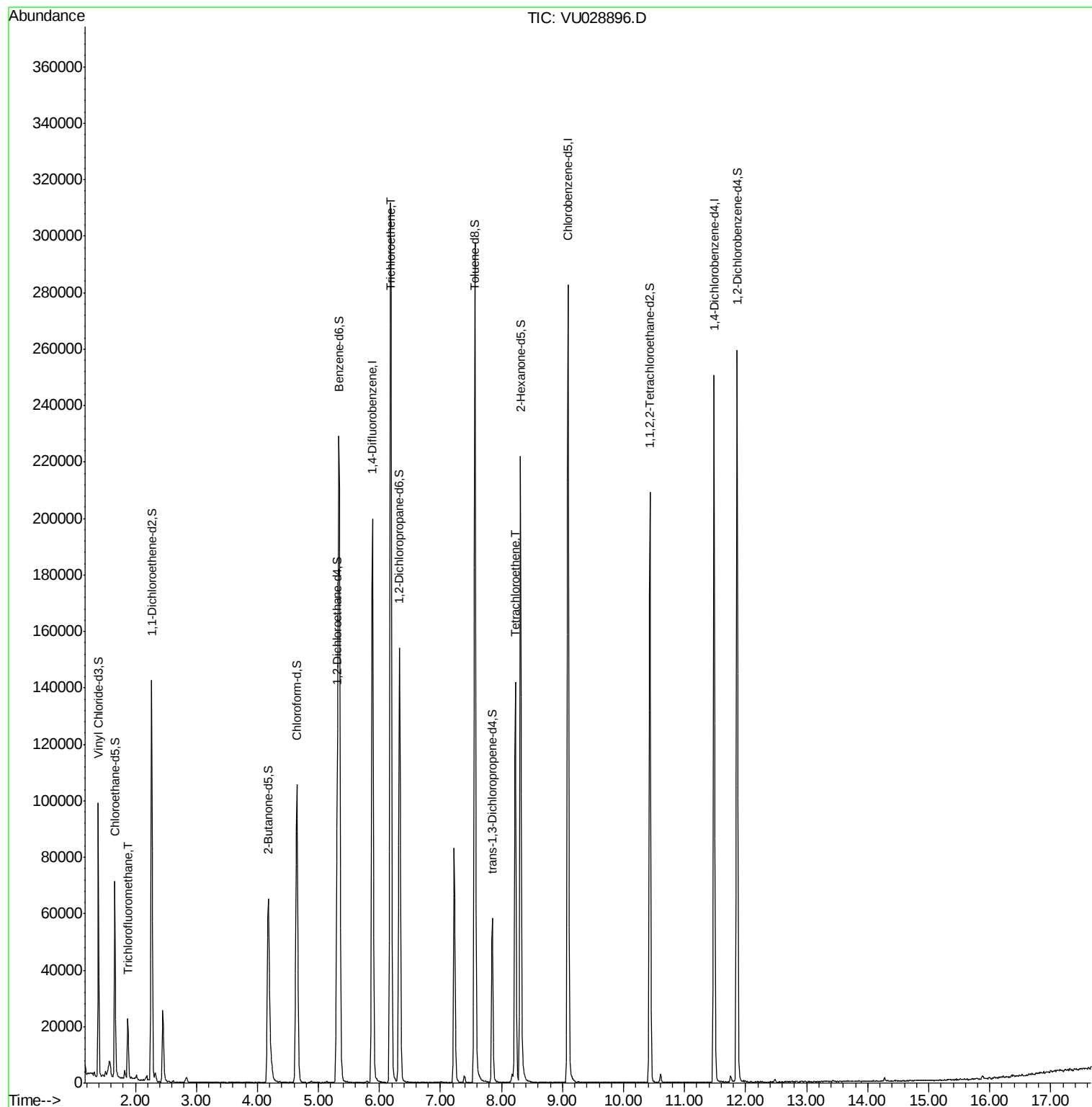
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	11959	6.947 ug/L	97
34) Trichloroethene	6.18	95	113878	90.419 ug/L	98
46) Tetrachloroethene	8.22	164	33437	34.471 ug/L	95

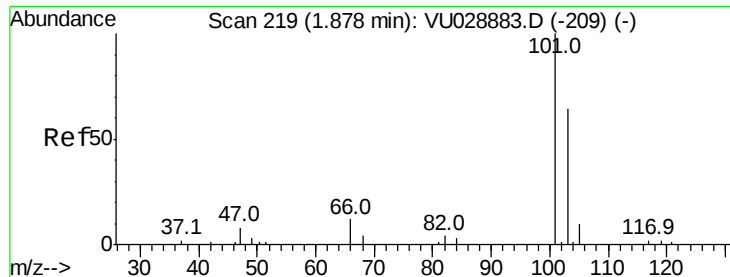
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 6.947 ug/L

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

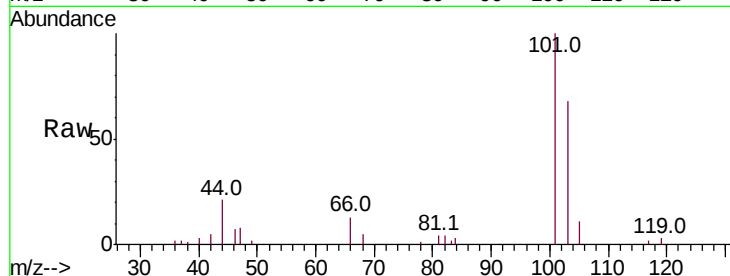
C0TR0

Tot Ion:101 Resp: 11959

Ion Ratio Lower Upper

101 100

103 66.9 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

10000

8000

6000

4000

2000

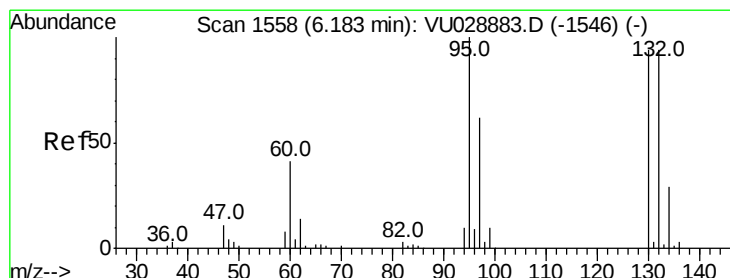
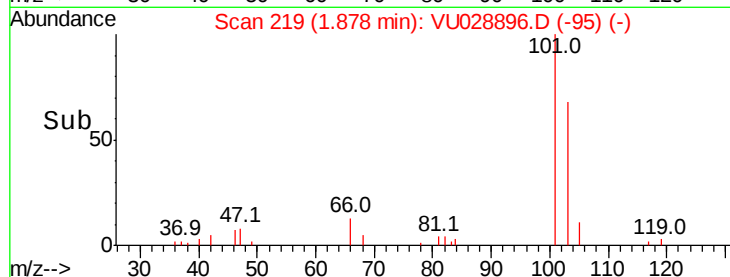
0

1.85

1.88

1.90

Time-->



#34

Trichloroethene

Concen: 90.419 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

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Acq: 22 Dec 2018 00:18

Tgt Ion: 95 Resp: 113878

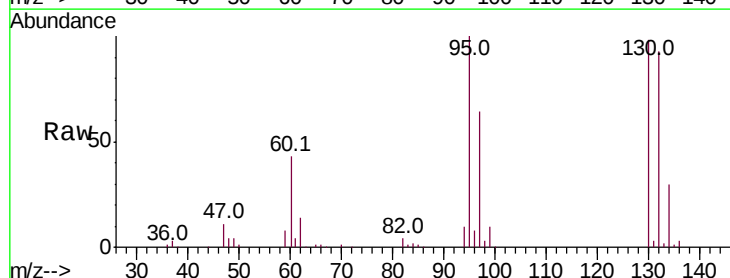
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.3

132 93.0 64.2 119.2

130 97.9 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

80000

60000

40000

20000

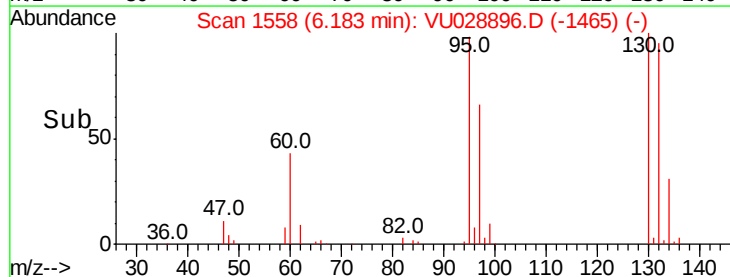
0

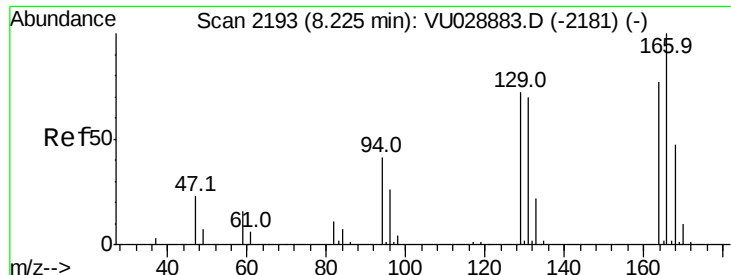
6.10

6.18

6.30

Time-->





#46

Tetrachloroethene

Concen: 34.471 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028896.D

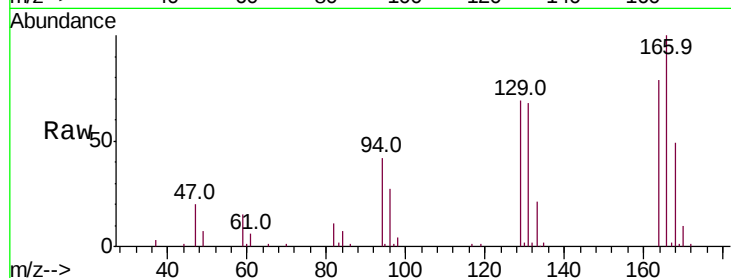
Acq: 22 Dec 2018 00:18

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Tot Ion:164 Resp: 33437

Ion Ratio Lower Upper

164 100

129 87.5 66.8 124.0

131 86.5 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

