

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028899.D
 Acq On : 22 Dec 2018 01:31
 Operator : MD/SY
 Sample : J6535-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR4

Quant Time: Dec 22 03:47:21 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	173206	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59236	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.32%
7) Chloroethane-d5	1.67	69	48520	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.27	63	79365	33.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.98%
21) 2-Butanone-d5	4.18	46	106401	109.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.37%
24) Chloroform-d	4.65	84	104759	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.30	65	66940	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.34	84	229704	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.33	67	80359	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.56	98	201605	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.85	79	32272	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.31	63	80831	108.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106917	49.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	70119	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%

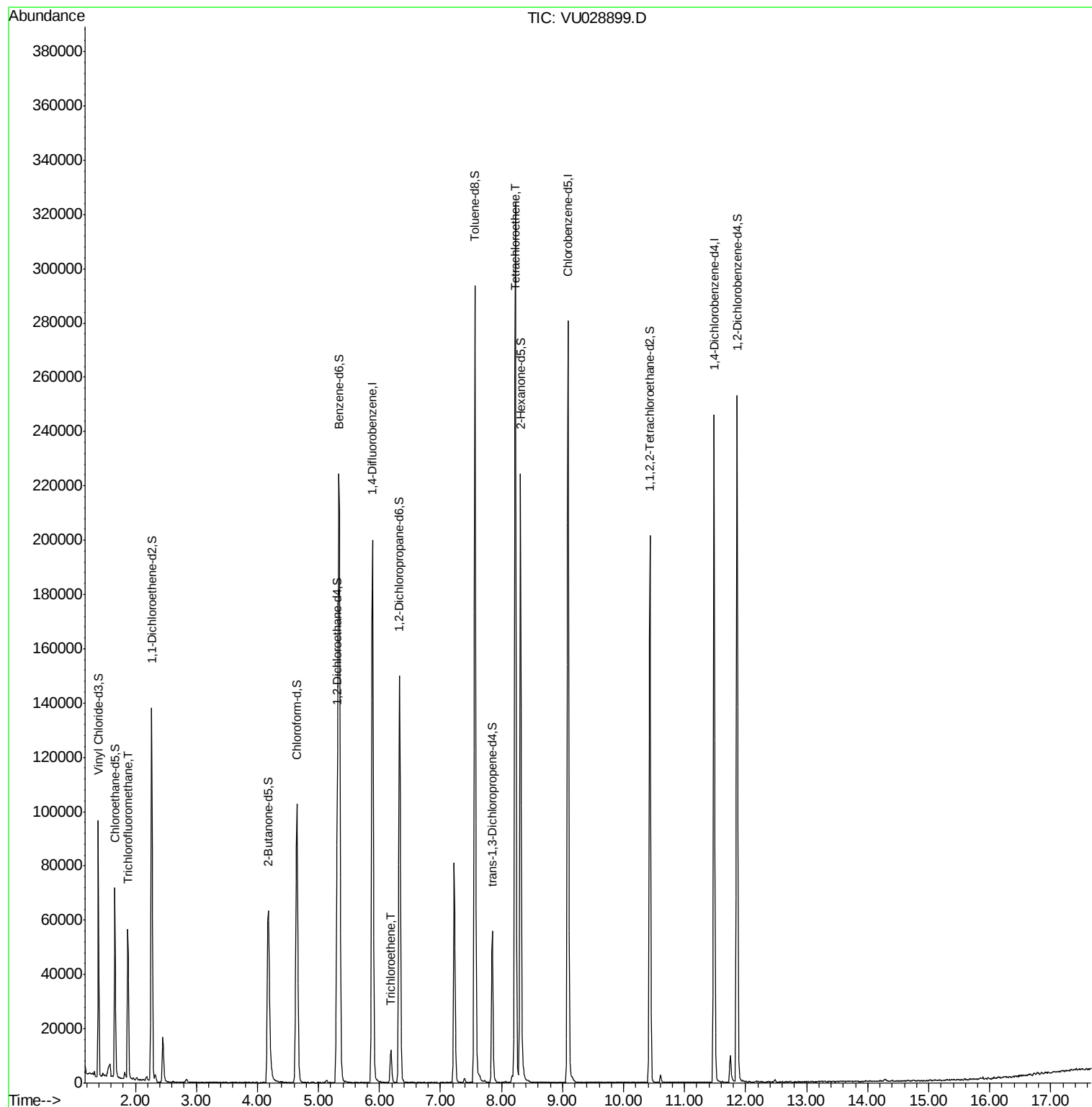
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	34708	20.005 ug/L	99
34) Trichloroethene	6.19	95	4783	3.819 ug/L	92
46) Tetrachloroethene	8.22	164	75351	78.124 ug/L	99

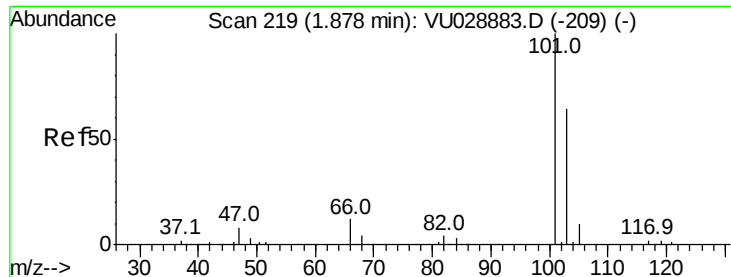
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 20.005 ug/L

RT: 1.88 min Scan# 219

Delta R.T. -0.00 min

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Acq: 22 Dec 2018 01:31

Instrument :

MSVOA_U

ClientSampled :

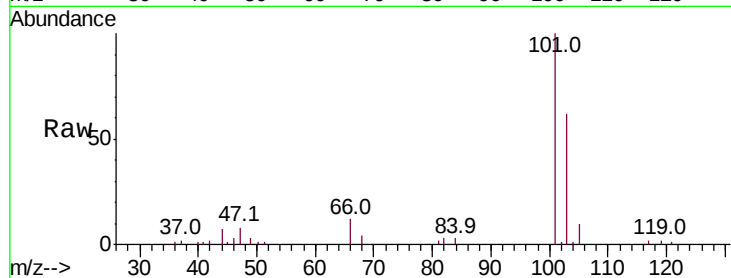
C0TR4

Tot Ion:101 Resp: 34708

Ion Ratio Lower Upper

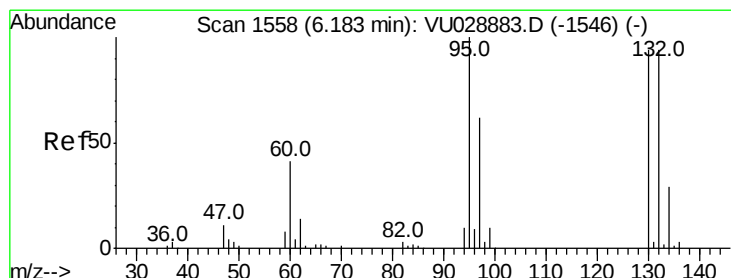
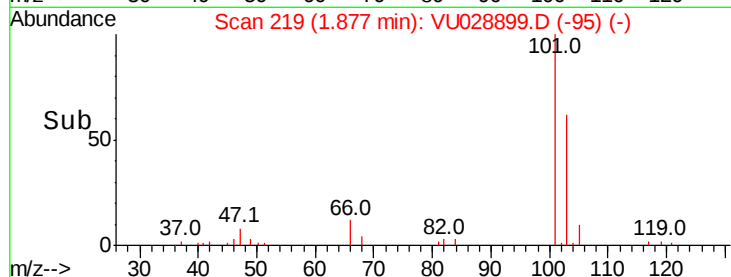
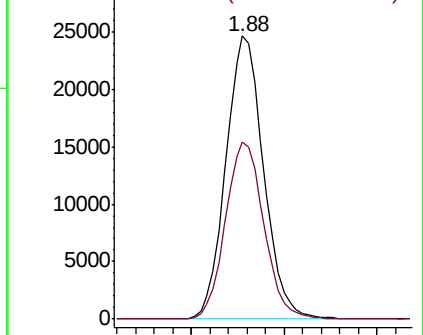
101 100

103 63.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 3.819 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028899.D

Acq: 22 Dec 2018 01:31

Tgt Ion: 95 Resp: 4783

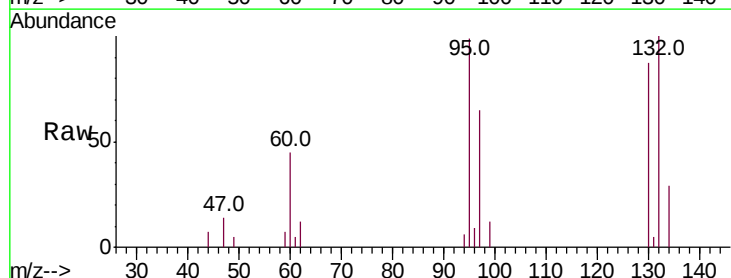
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.3

132 100.7 64.2 119.2

130 87.5 67.1 124.7

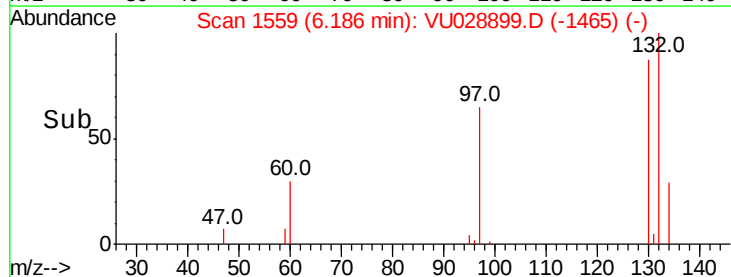
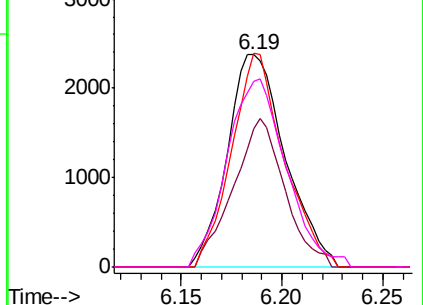


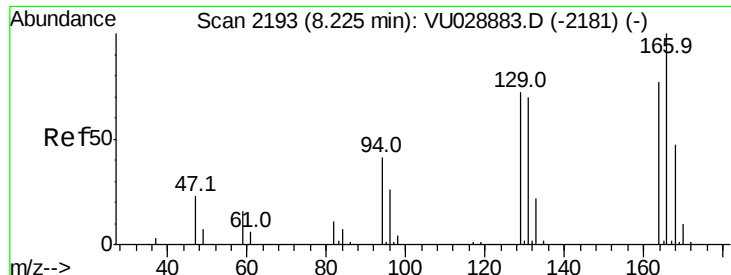
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 78.124 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

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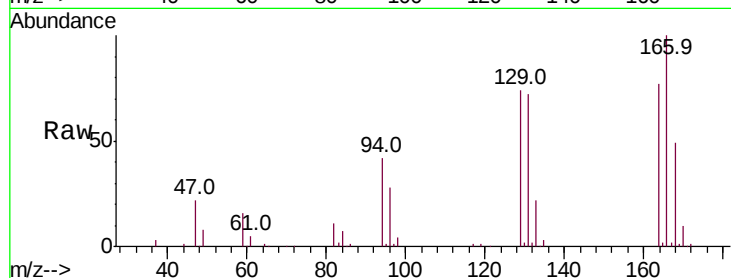
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Tot Ion:164 Resp: 75351

Ion Ratio Lower Upper

164 100

129 96.2 66.8 124.0

131 92.6 64.2 119.2

166 129.2 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

