

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028898.D
 Acq On : 22 Dec 2018 01:06
 Operator : MD/SY
 Sample : J6535-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR3

Quant Time: Dec 22 03:45:22 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	170572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60023	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.67	69	48767	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.34%
11) 1,1-Dichloroethene-d2	2.27	63	79423	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.18	46	102418	106.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.65	84	105056	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.31	65	67761	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.34	84	230606	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.33	67	81120	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.46%
41) Toluene-d8	7.56	98	201217	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%
43) trans-1,3-Dichloropropene-	7.85	79	33008	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.31	63	79961	109.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107324	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	69603	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

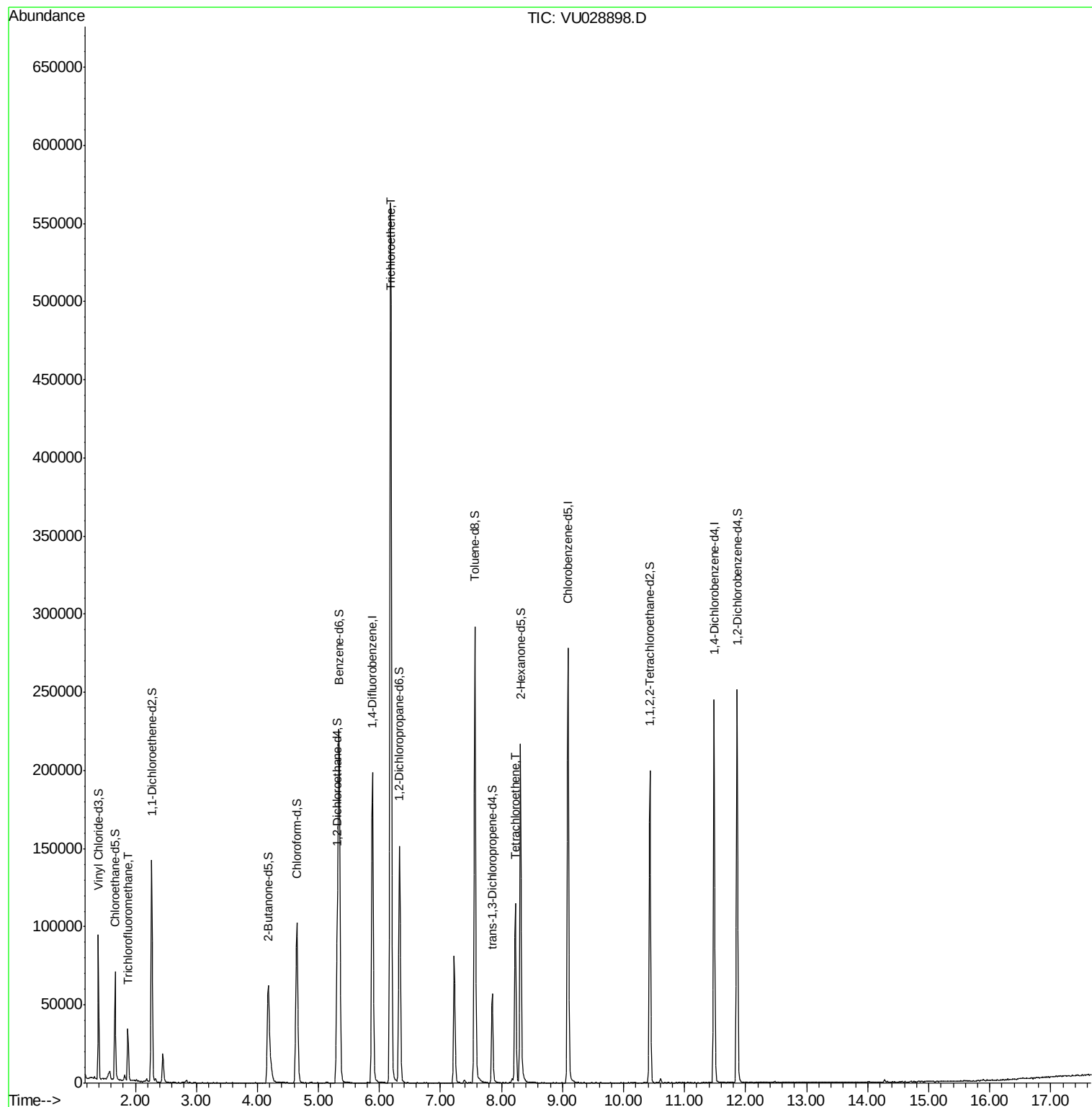
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	21049	12.320 ug/L	97
34) Trichloroethene	6.18	95	201659	163.676 ug/L	98
46) Tetrachloroethene	8.23	164	28179	29.697 ug/L	93

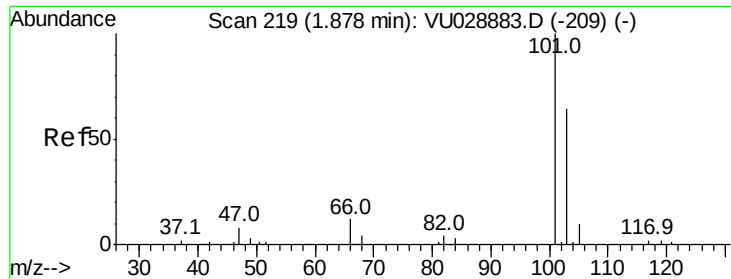
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 12.320 ug/L

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

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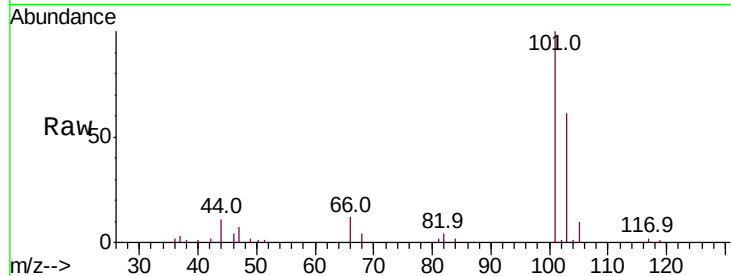
C0TR3

Tot Ion:101 Resp: 21049

Ion Ratio Lower Upper

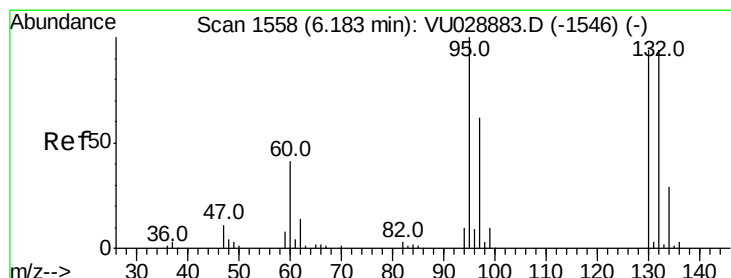
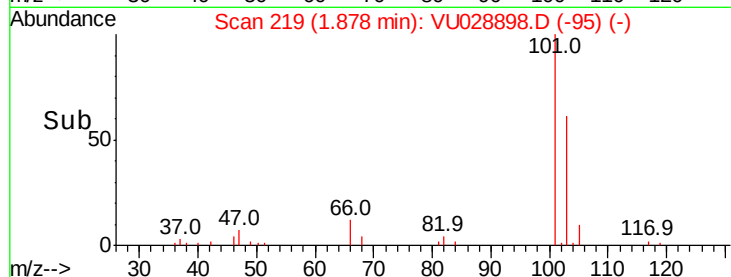
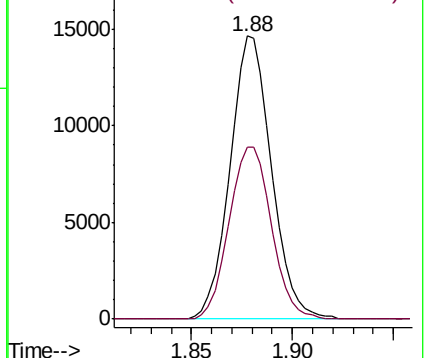
101 100

103 62.1 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: 163.676 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

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Acq: 22 Dec 2018 01:06

Tgt Ion: 95 Resp: 201659

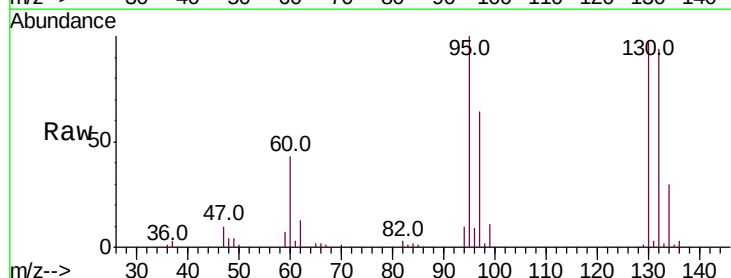
Ion Ratio Lower Upper

95 100

97 63.6 43.3 80.3

132 94.2 64.2 119.2

130 96.9 67.1 124.7

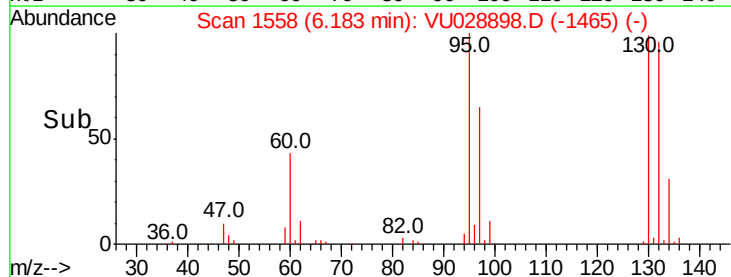
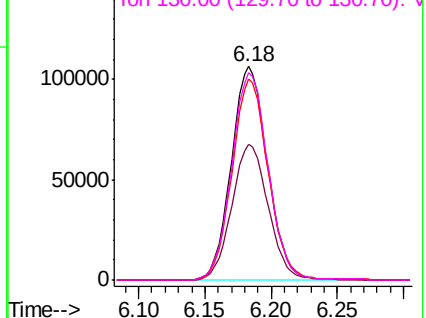


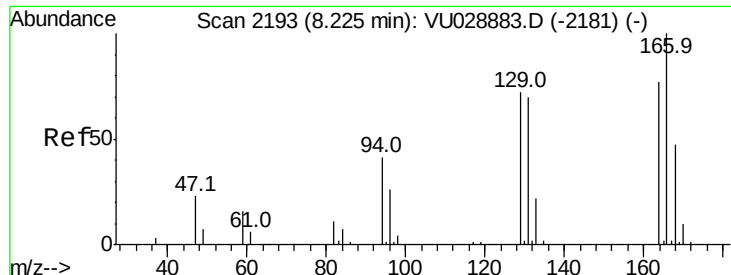
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 29.697 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028898.D

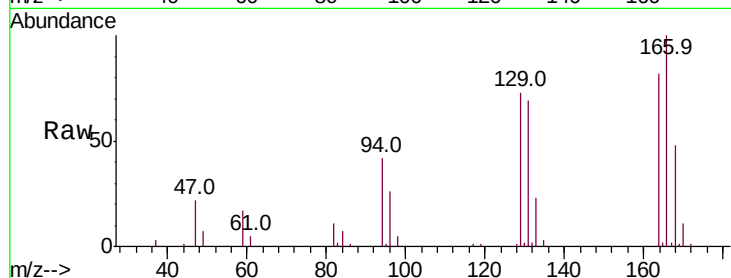
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Tot Ion:164 Resp: 28179

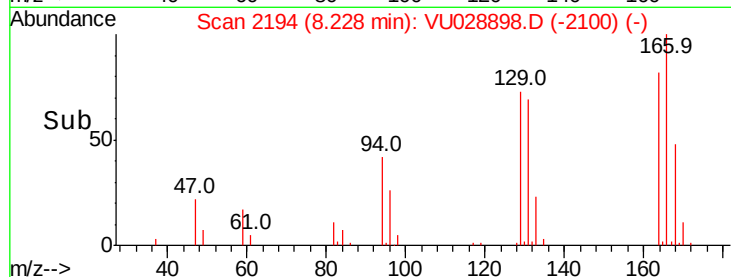
Ion Ratio Lower Upper

164 100

129 89.6 66.8 124.0

131 84.1 64.2 119.2

166 122.6 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

