

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028897.D
 Acq On : 22 Dec 2018 00:42
 Operator : MD/SY
 Sample : J6535-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR2

Quant Time: Dec 22 03:43:00 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	170690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60752	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.80%
7) Chloroethane-d5	1.67	69	49459	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.27	63	81086	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	4.18	46	107400	112.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.02%
24) Chloroform-d	4.64	84	105449	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.31	65	68018	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
32) Benzene-d6	5.34	84	234575	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
36) 1,2-Dichloropropane-d6	6.33	67	80659	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.78%
41) Toluene-d8	7.57	98	203689	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.85	79	32945	48.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.42%
47) 2-Hexanone-d5	8.31	63	82491	113.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109672	51.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	71407	54.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.16%

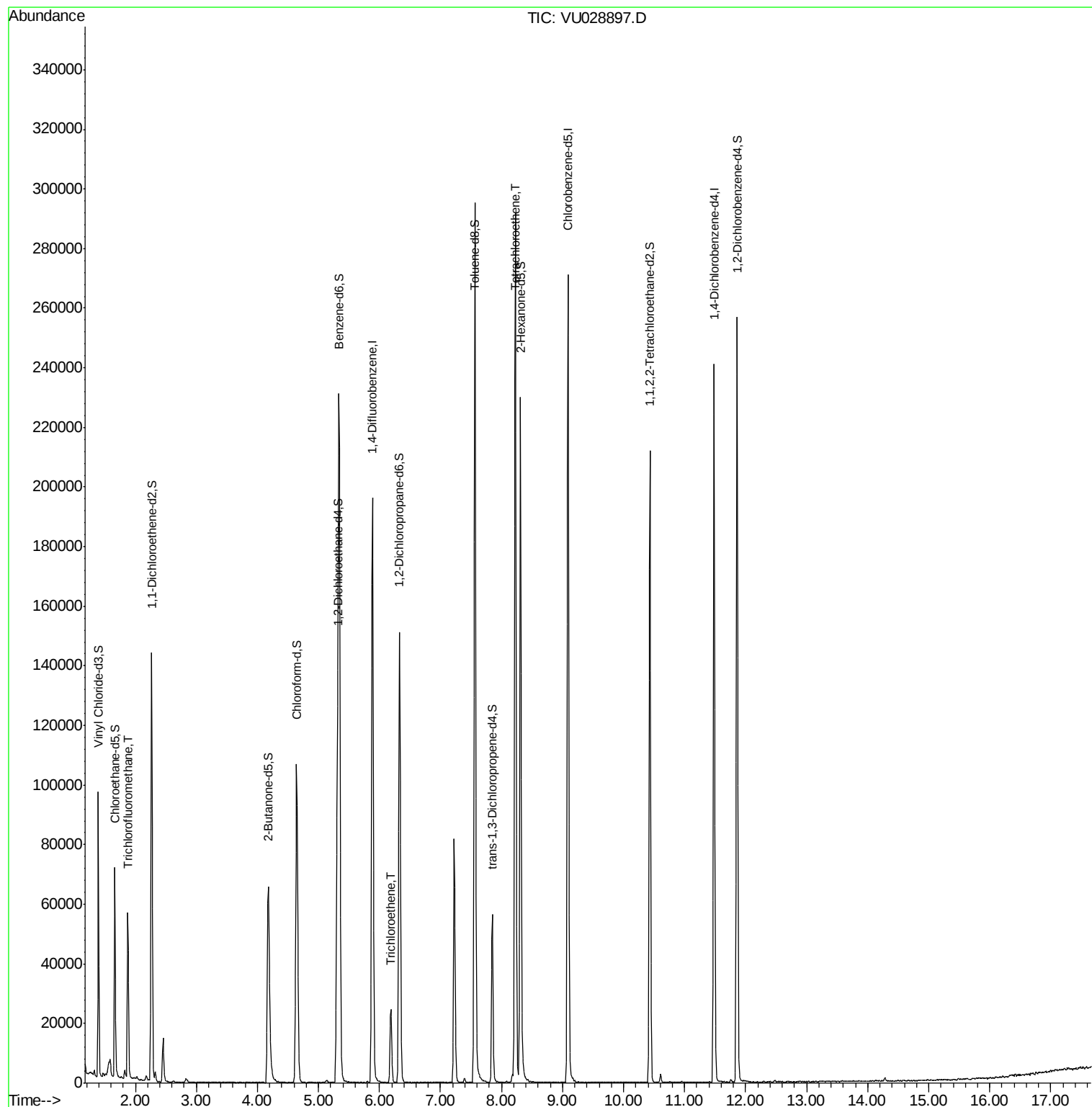
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	32791	19.179 ug/L	98
34) Trichloroethene	6.19	95	9266	7.587 ug/L	99
46) Tetrachloroethene	8.22	164	70765	75.231 ug/L	95

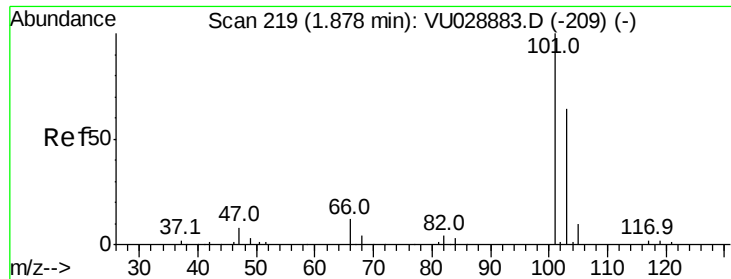
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 19.179 ug/L

RT: 1.88 min Scan# 219

Delta R.T. -0.00 min

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ClientSampleId :

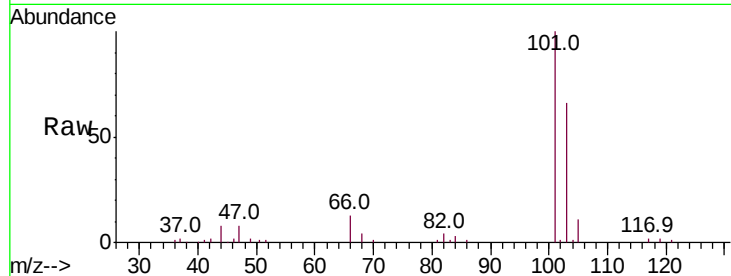
C0TR2

Tot Ion:101 Resp: 32791

Ion Ratio Lower Upper

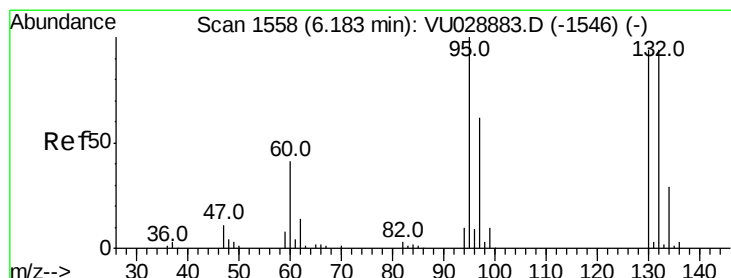
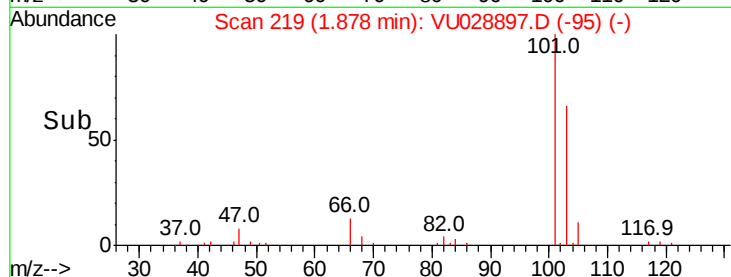
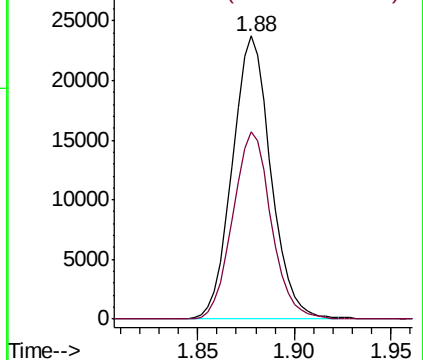
101 100

103 66.0 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: 7.587 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 9266

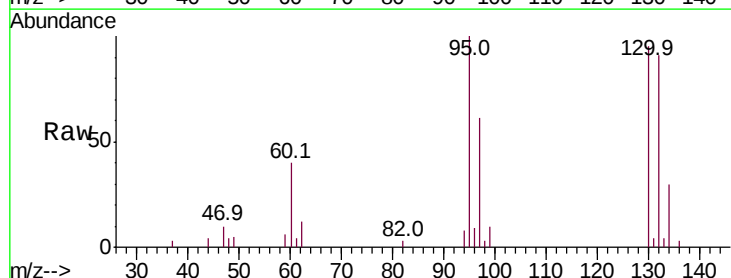
Ion Ratio Lower Upper

95 100

97 60.8 43.3 80.3

132 91.3 64.2 119.2

130 95.1 67.1 124.7

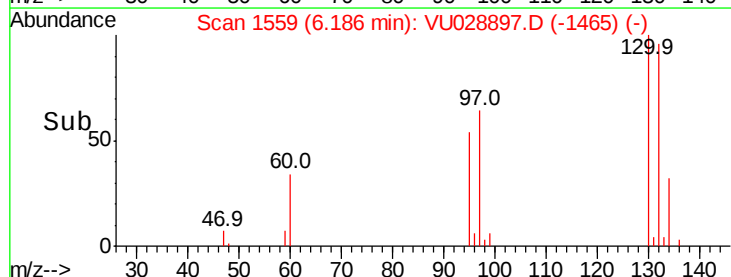
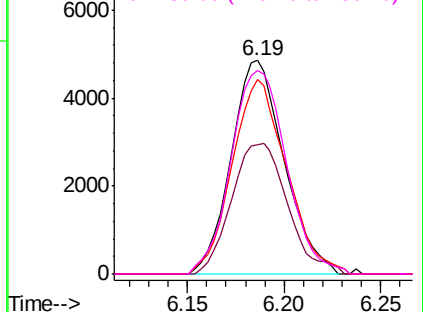


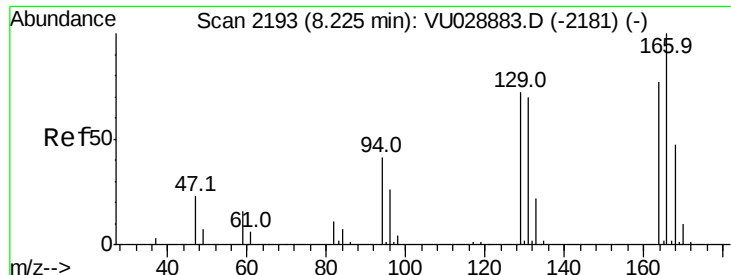
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 75.231 ug/L

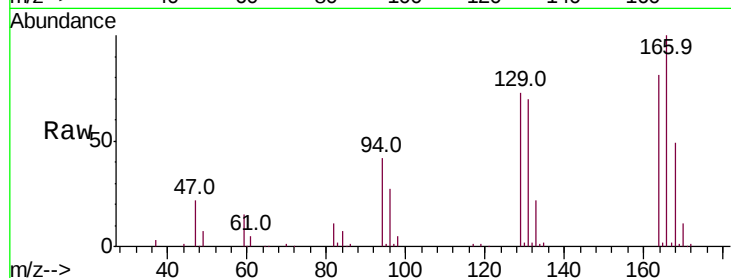
RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 70765

Ion Ratio Lower Upper

164 100

129 90.7 66.8 124.0

131 87.2 64.2 119.2

166 123.7 90.8 168.6

