

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036627.D
 Acq On : 30 Jan 2020 18:48
 Operator : JC/MD
 Sample : L1322-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XS5

Quant Time: Jan 31 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86841	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.93	69	80172	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.26%
11) 1,1-Dichloroethene-d2	2.59	63	115436	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	4.68	46	138336	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	5.11	84	157103	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.74	65	102501	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.77	84	355480	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
36) 1,2-Dichloropropane-d6	6.73	67	114204	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.93	98	338819	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	8.21	79	51619	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.67	63	125122	109.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167276	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	125348	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%

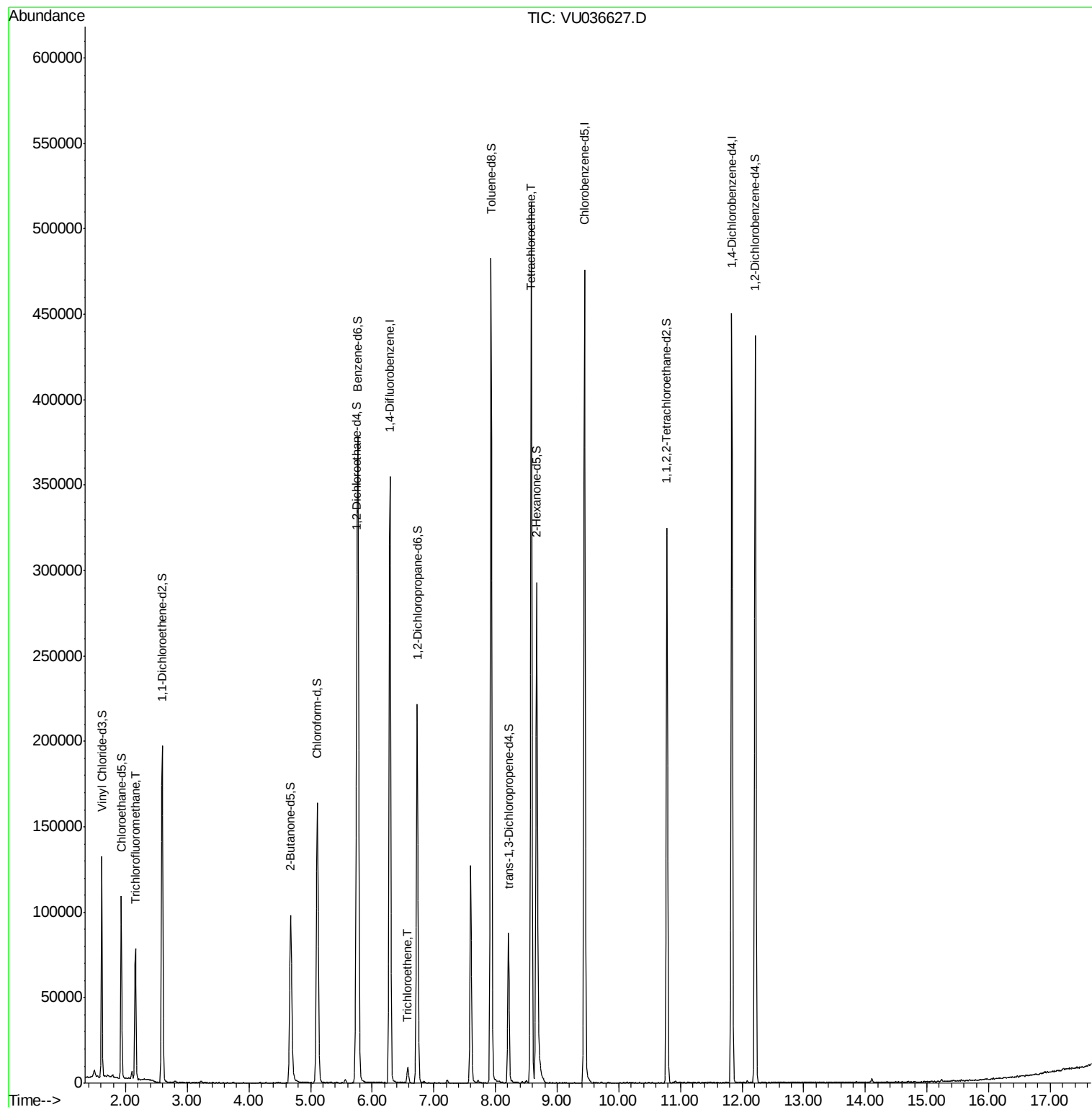
Target Compounds					Ovalue
9) Trichlorofluoromethane	2.16	101	50416	16.348 ug/L	99
34) Trichloroethene	6.58	95	3103	1.428 ug/L	96
46) Tetrachloroethene	8.58	164	120884	68.475 ug/L	97

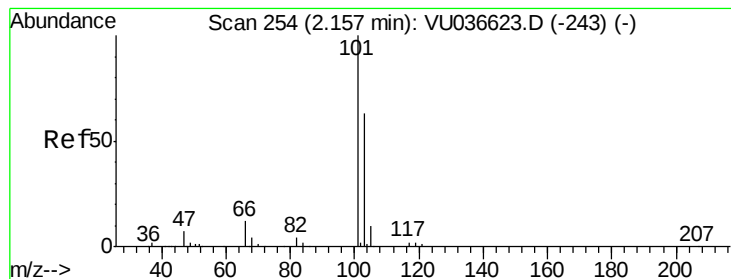
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 16.348 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

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ClientSampleId :

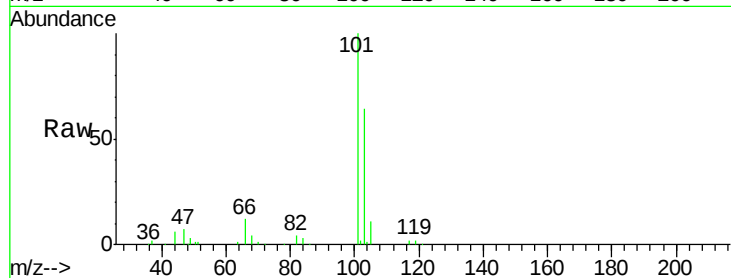
C0XS5

Tot Ion:101 Resp: 50416

Ion Ratio Lower Upper

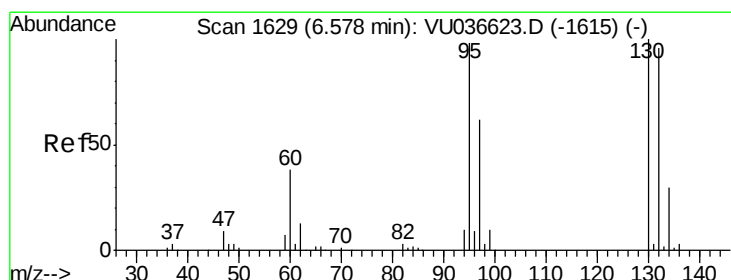
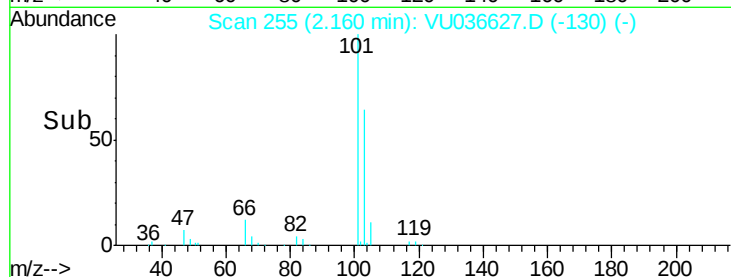
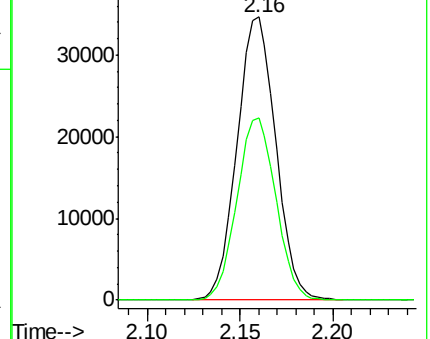
101 100

103 64.7 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 1.428 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 3103

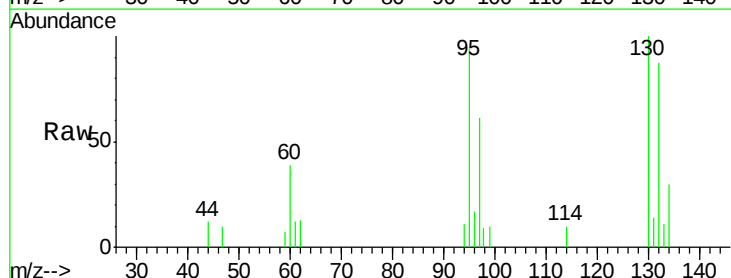
Ion Ratio Lower Upper

95 100

97 64.6 45.5 84.5

132 92.0 70.9 131.7

130 106.3 72.9 135.3

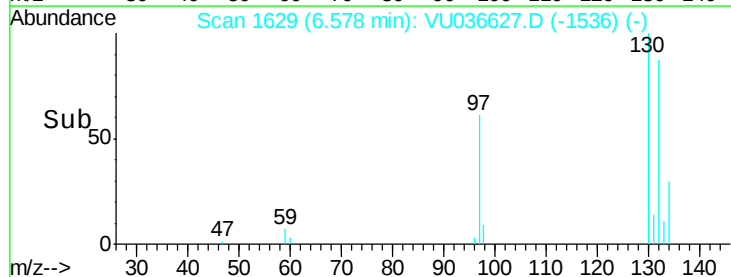
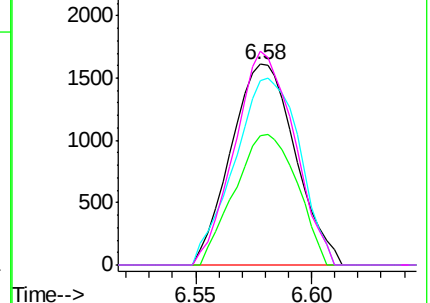


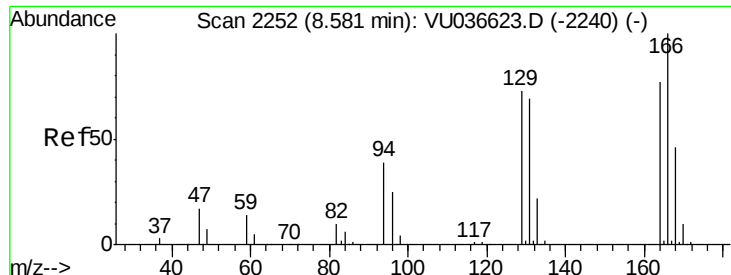
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





#46

Tetrachloroethene

Concen: 68.475 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

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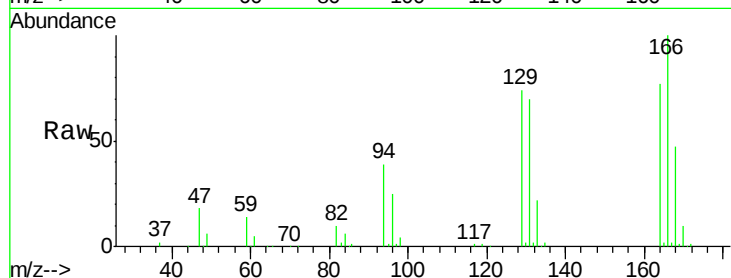
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Tot Ion:164 Resp: 120884

Ion Ratio Lower Upper

164 100

129 96.0 64.2 119.2

131 91.1 61.8 114.8

166 130.3 88.8 165.0

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

