

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025074.D
 Acq On : 29 Jun 2018 17:03
 Operator : MD/SY
 Sample : J3766-08DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST8DL

Quant Time: Jun 30 01:43:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	352724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92739	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.96%
7) Chloroethane-d5	1.68	69	77439	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.06%
11) 1,1-Dichloroethene-d2	2.27	63	154073	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	4.18	46	185777	105.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.41%
24) Chloroform-d	4.65	84	203556	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.31	65	149732	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.35	84	405791	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.33	67	129022	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	7.57	98	388269	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	64517	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.31	63	133294	104.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.49%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184814	46.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	153811	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

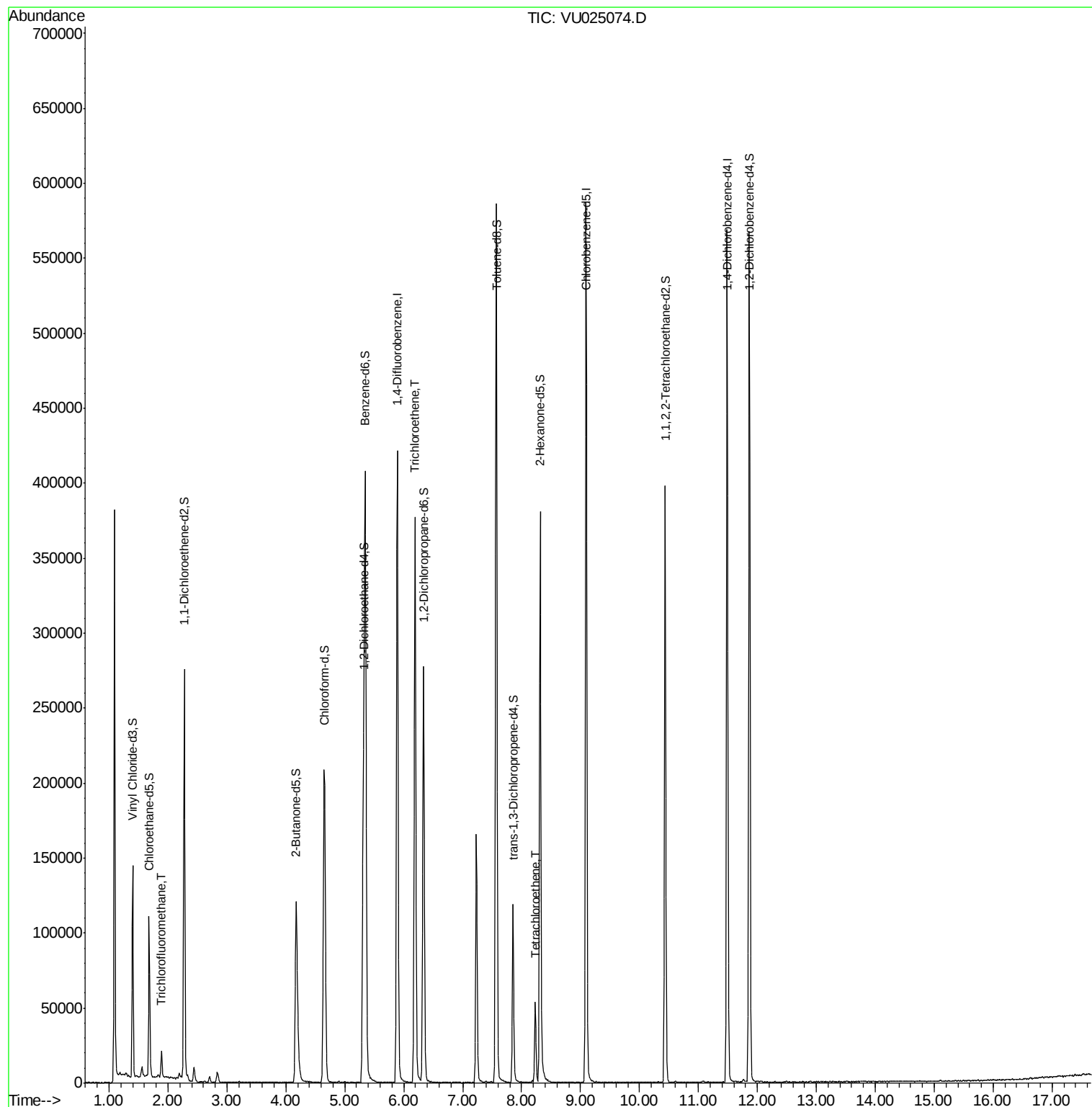
Target Compounds						Ovalue
9) Trichlorofluoromethane	1.89	101	9319	2.33	ug/L	99
34) Trichloroethene	6.19	95	128381	49.75	ug/L	99
46) Tetrachloroethene	8.23	164	12441	5.70	ug/L	95

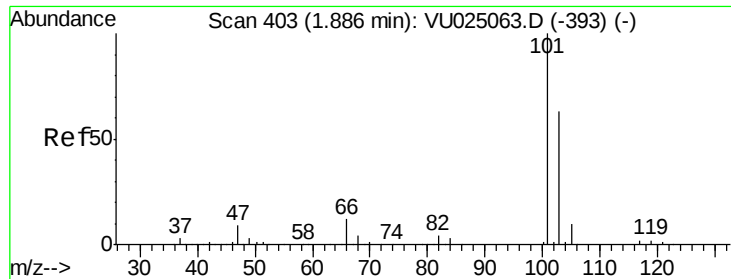
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.33 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

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ClientSampleId :

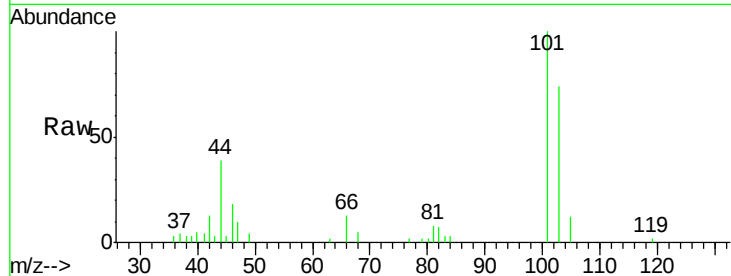
C0ST8DL

Tot Ion:101 Resp: 9319

Ion Ratio Lower Upper

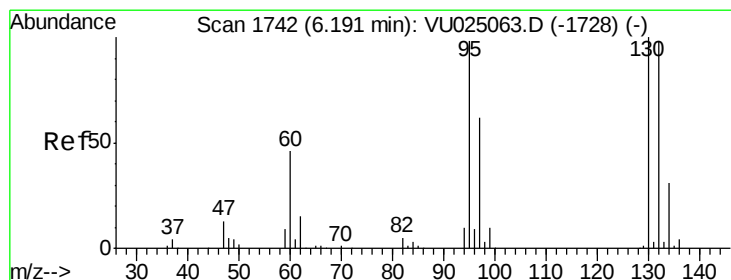
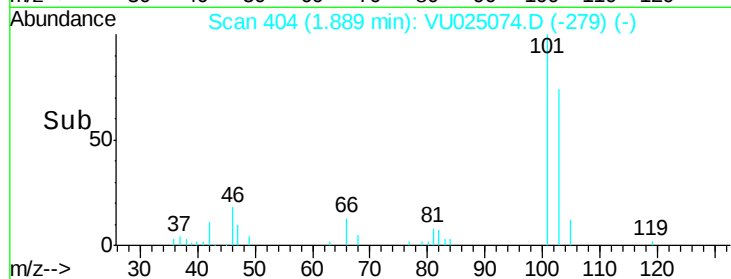
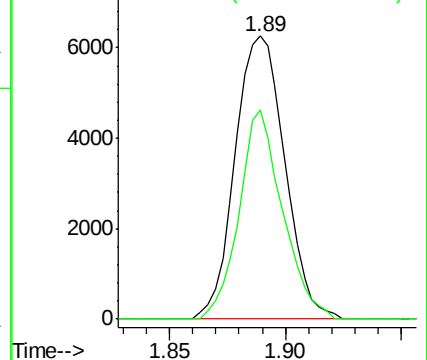
101 100

103 64.4 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 49.75 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

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Acq: 29 Jun 2018 17:03

Tgt Ion: 95 Resp: 128381

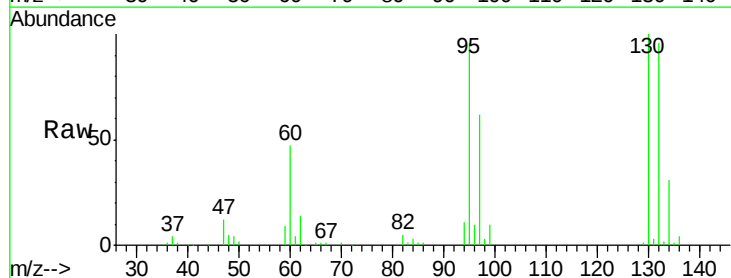
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 100.5 70.2 130.4

130 104.2 71.7 133.1

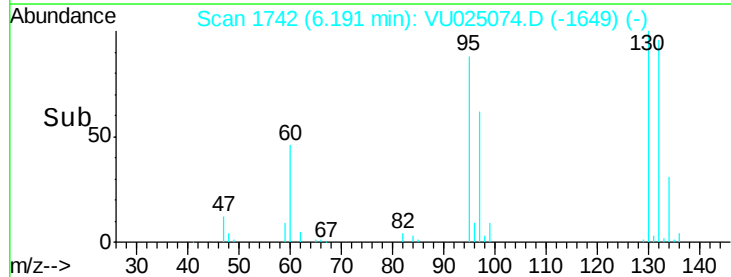
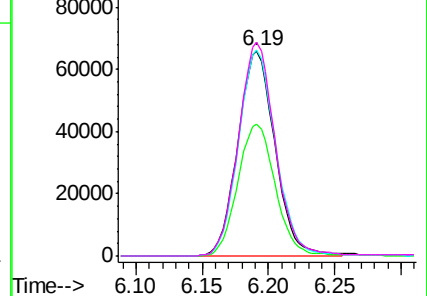


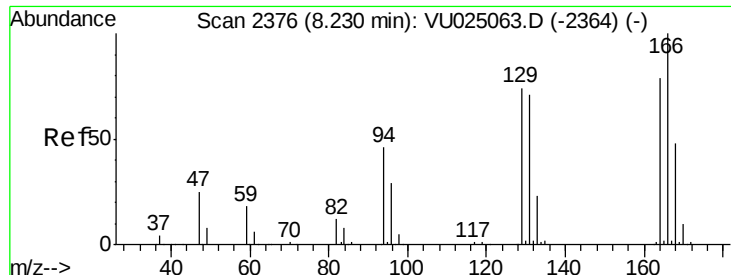
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.70 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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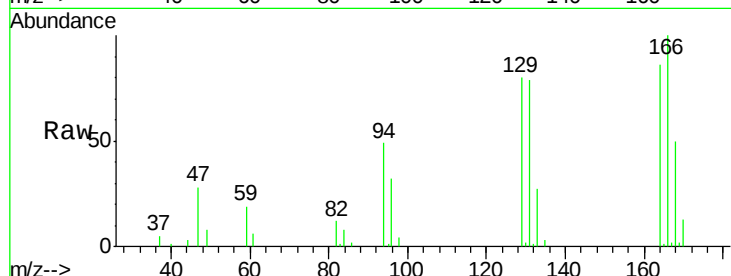
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Tot Ion:164 Resp: 12441

Ion Ratio Lower Upper

164 100

129 92.9 66.1 122.8

131 91.4 62.7 116.5

166 115.8 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

