

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027739.D
 Acq On : 22 Oct 2018 13:45
 Operator : MD/SY
 Sample : J5589-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COT30

Quant Time: Oct 23 08:34:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 23 08:01:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	115072	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41406	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.68	69	33050	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.90%
11) 1,1-Dichloroethene-d2	2.27	63	58653	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	4.18	46	76615	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.65	84	75111	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	54470	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.34	84	148303	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
36) 1,2-Dichloropropane-d6	6.33	67	52042	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	135261	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.85	79	25045	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
47) 2-Hexanone-d5	8.31	63	56878	103.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67760	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	48503	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

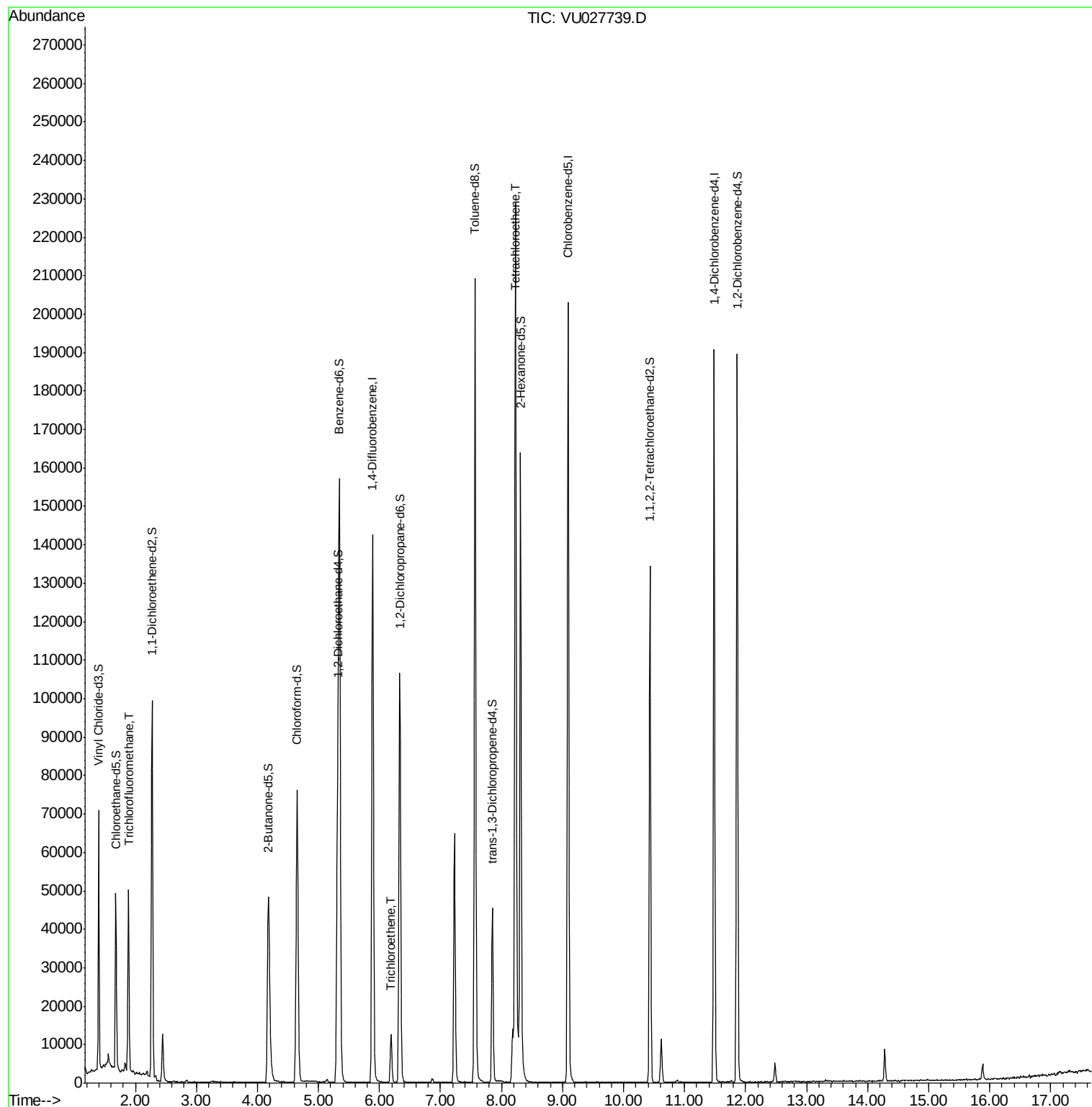
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.89	101	28049	22.402 ug/L	98
34) Trichloroethene	6.19	95	4666	5.928 ug/L	94
46) Tetrachloroethene	8.23	164	48356	79.553 ug/L	97

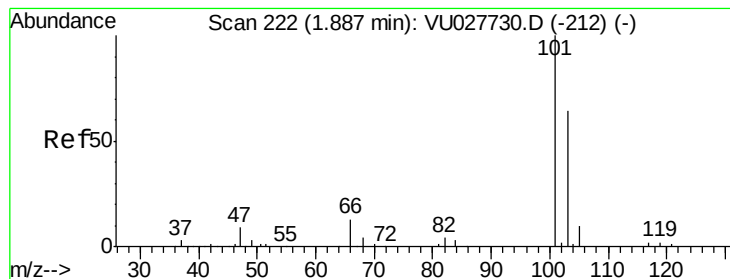
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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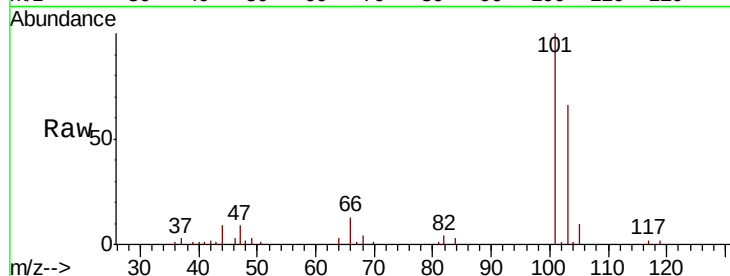


#9

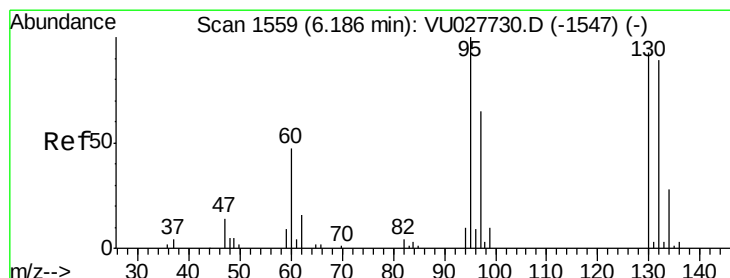
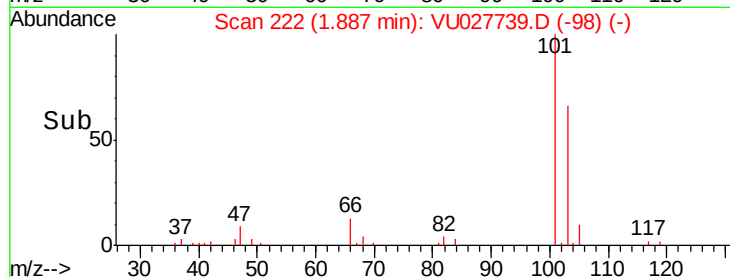
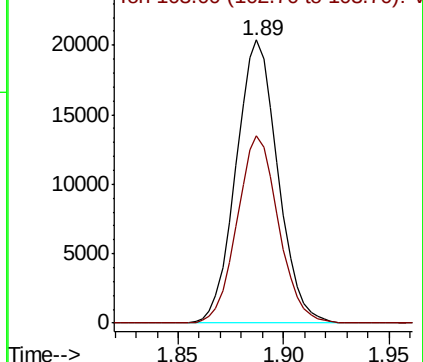
Trichlorofluoromethane
Concen: 22.402 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027739.D
Acq: 22 Oct 2018 13:45

Instrument :
MSVOA_U
ClientSampleId :
C0T30

Tot Ion:101 Resp: 28049
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4



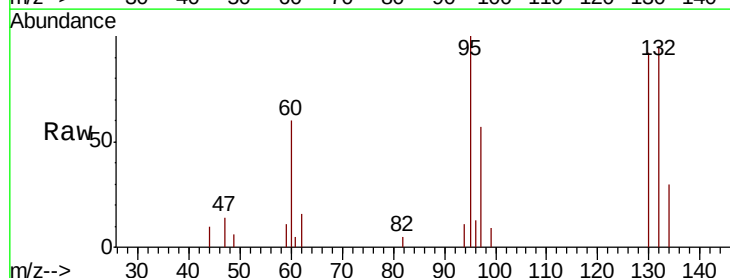
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



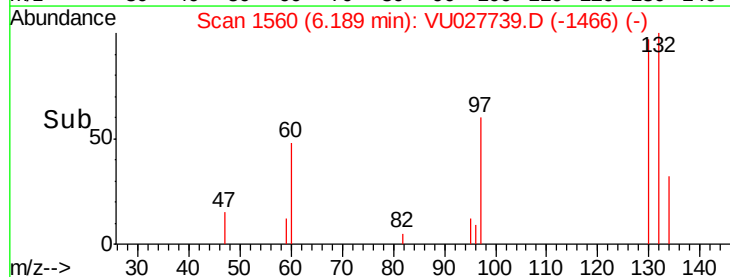
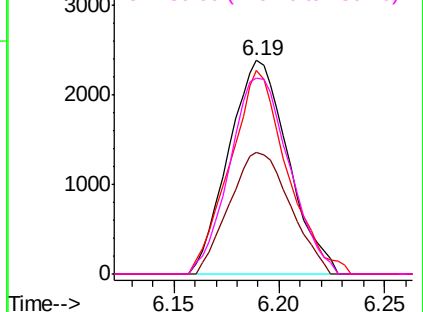
#34

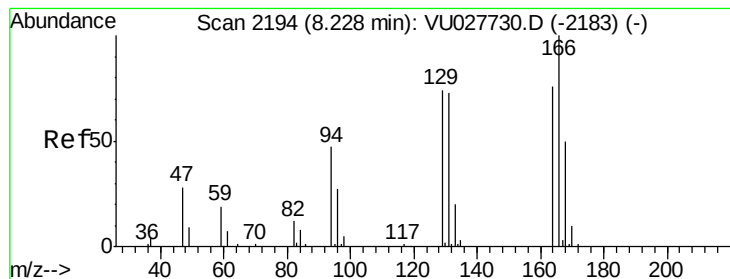
Trichloroethene
Concen: 5.928 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027739.D
Acq: 22 Oct 2018 13:45

Tgt Ion: 95 Resp: 4666
Ion Ratio Lower Upper
95 100
97 56.7 45.8 85.2
132 95.0 62.1 115.3
130 91.7 65.0 120.6



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: 79.553 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 48356

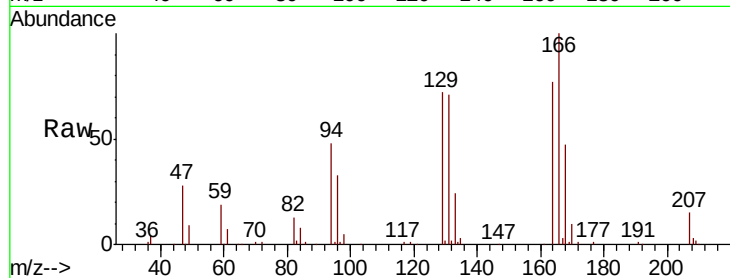
Ion Ratio Lower Upper

164 100

129 94.0 68.5 127.3

131 92.3 67.1 124.5

166 130.7 92.2 171.2



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

