

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027736.D
 Acq On : 22 Oct 2018 12:35
 Operator : MD/SY
 Sample : J5589-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T26

Quant Time: Oct 23 08:19:47 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	72383	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	67917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	30973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43292	76.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	153.74%#
7) Chloroethane-d5	1.68	69	35003	80.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	161.46%#
11) 1,1-Dichloroethene-d2	2.27	63	60813	59.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.90%
21) 2-Butanone-d5	4.18	46	78249	163.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	163.04%#
24) Chloroform-d	4.65	84	77906	76.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	153.90%#
26) 1,2-Dichloroethane-d4	5.31	65	54444	77.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	155.32%#
32) Benzene-d6	5.34	84	152777	78.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.98%#
36) 1,2-Dichloropropane-d6	6.33	67	54522	78.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	157.90%#
41) Toluene-d8	7.57	98	138340	77.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	155.08%#
43) trans-1,3-Dichloropropene-	7.85	79	26375	78.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	157.30%#
47) 2-Hexanone-d5	8.31	63	57477	162.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	162.65%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69285	77.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	155.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	49428	77.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	155.82%#

Target Compounds

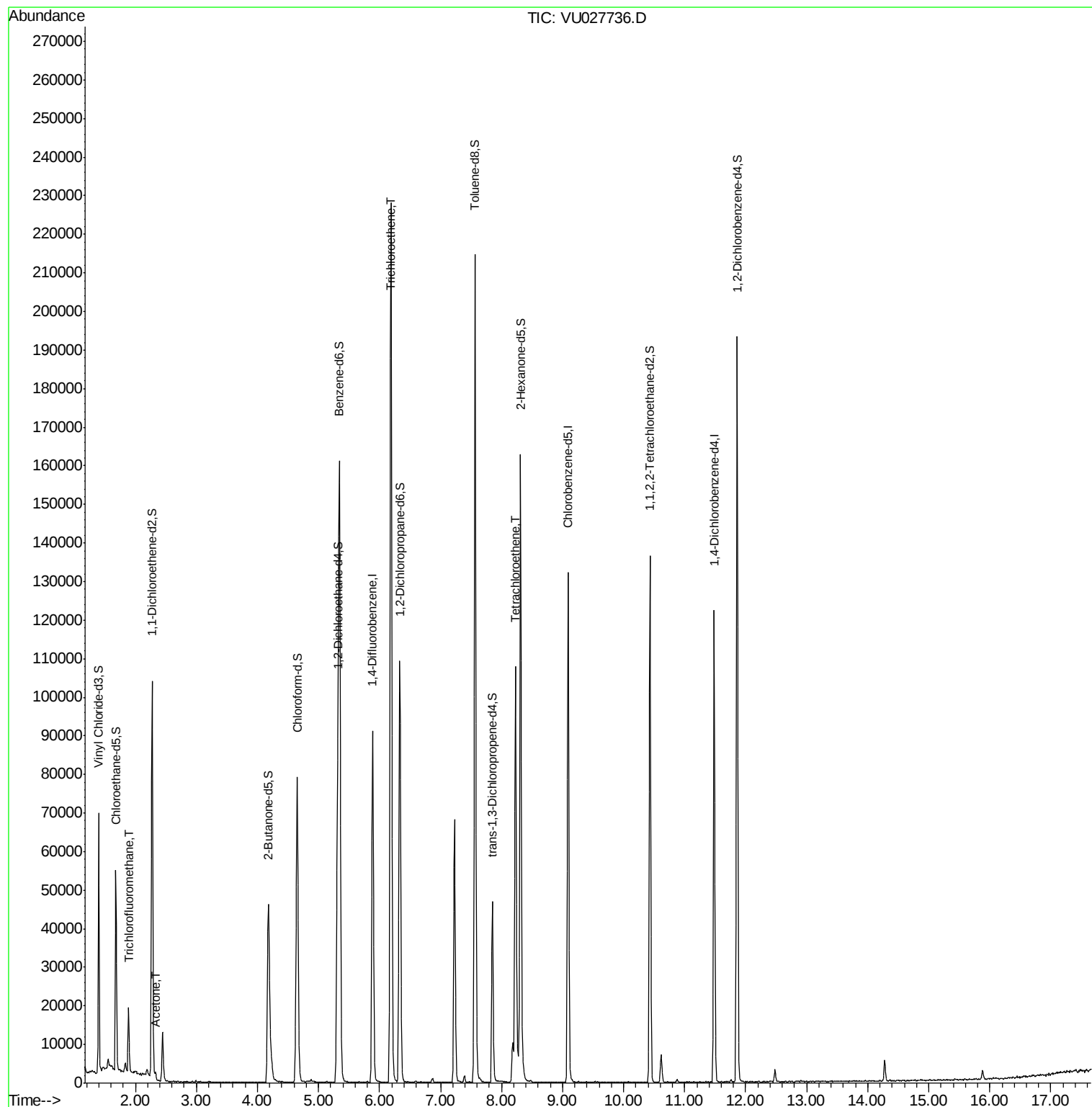
					Ovalue
9) Trichlorofluoromethane	1.89	101	9353	11.876 ug/L	95
13) Acetone	2.32	43	1929	5.770 ug/L	80
34) Trichloroethene	6.19	95	81416	160.961 ug/L	99
46) Tetrachloroethene	8.23	164	22532	57.682 ug/L	96

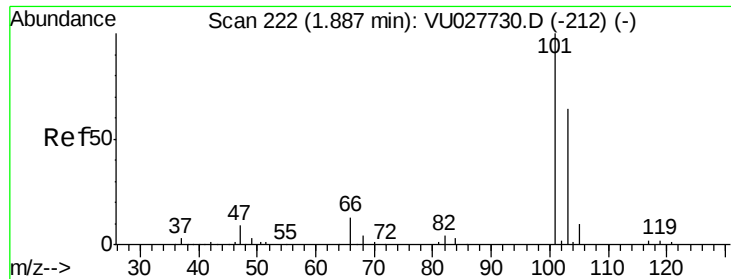
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 11.876 ug/L

RT: 1.89 min Scan# 223

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

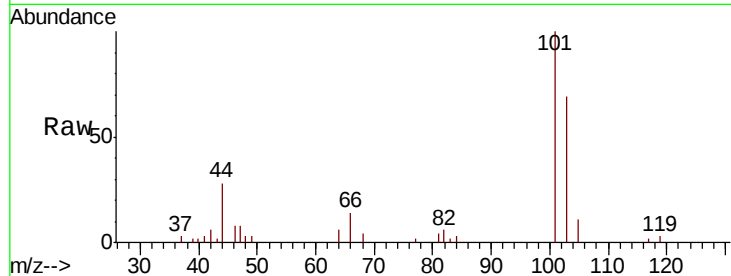
C0T26

Tot Ion:101 Resp: 9353

Ion Ratio Lower Upper

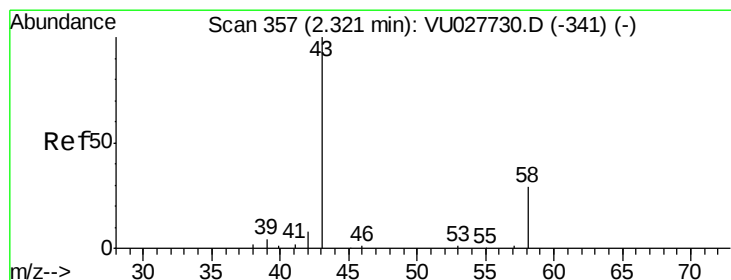
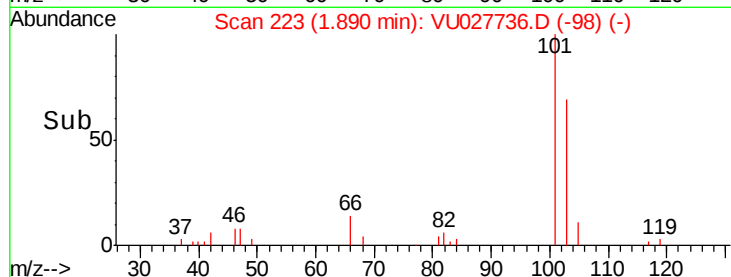
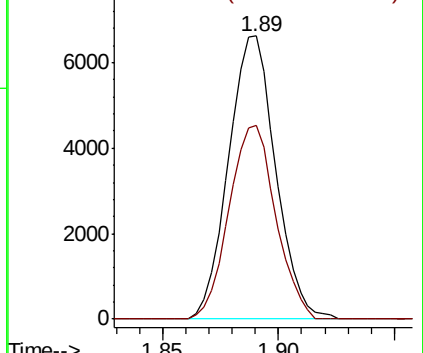
101 100

103 67.7 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 5.770 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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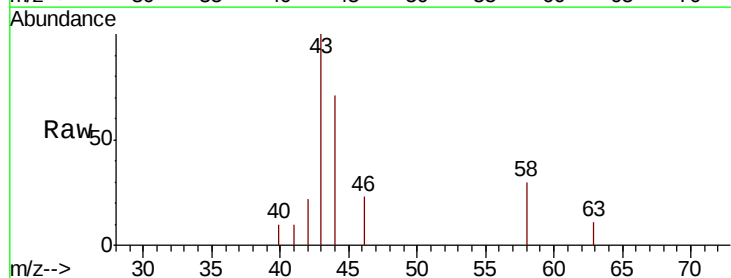
Acq: 22 Oct 2018 12:35

Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

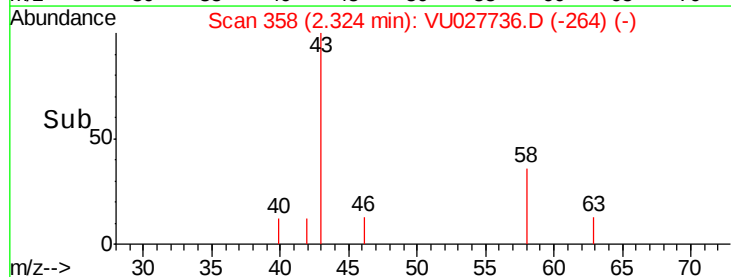
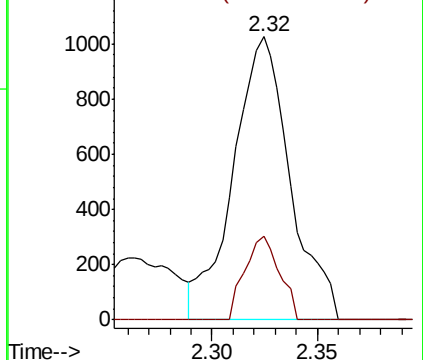
43 100

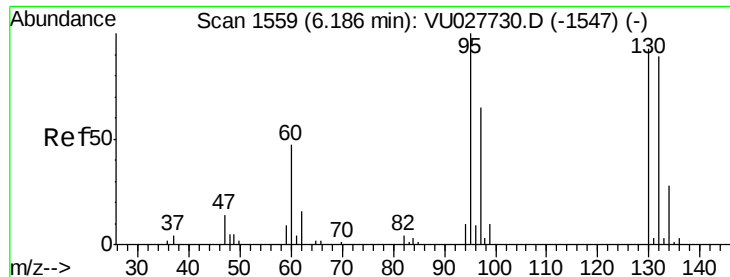
58 18.0 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 160.961 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027736.D

Acq: 22 Oct 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0T26

Tot Ion: 95 Resp: 81416

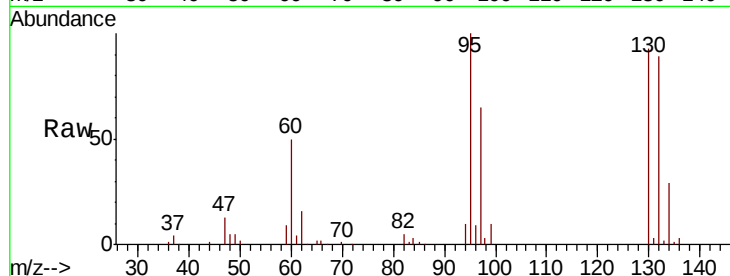
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 89.5 62.1 115.3

130 92.8 65.0 120.6

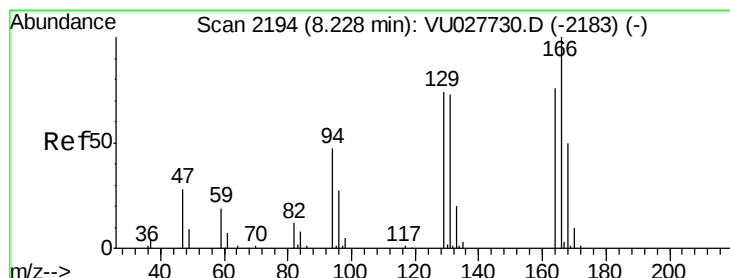
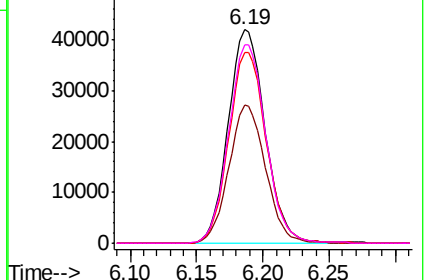
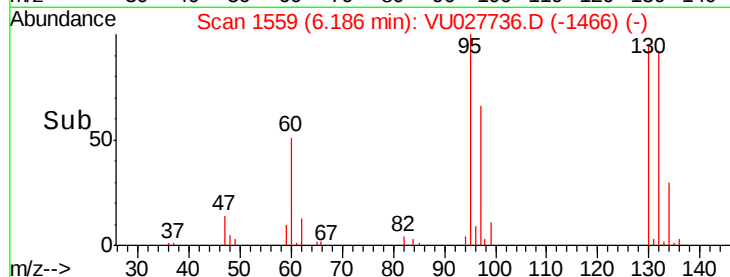


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 57.682 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027736.D

Acq: 22 Oct 2018 12:35

Tgt Ion:164 Resp: 22532

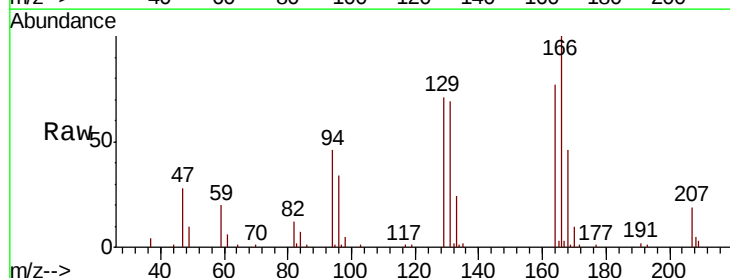
Ion Ratio Lower Upper

164 100

129 91.9 68.5 127.3

131 89.6 67.1 124.5

166 129.6 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

