

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026604.D
 Acq On : 07 Sep 2018 01:51
 Operator : MD/SY
 Sample : J4750-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY7

Quant Time: Sep 07 09:06:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156071	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52999	54.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.62%
7) Chloroethane-d5	1.68	69	48358	55.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.74%
11) 1,1-Dichloroethene-d2	2.27	63	77143	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	4.18	46	87383	116.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.43%
24) Chloroform-d	4.65	84	94476	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
26) 1,2-Dichloroethane-d4	5.31	65	66279	54.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.02%
32) Benzene-d6	5.34	84	192819	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.42%
36) 1,2-Dichloropropane-d6	6.33	67	66389	57.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.70%
41) Toluene-d8	7.57	98	171940	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%
43) trans-1,3-Dichloropropene-	7.85	79	27836	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.22%
47) 2-Hexanone-d5	8.31	63	63227	120.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89727	53.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	64769	59.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.36%

Target Compounds

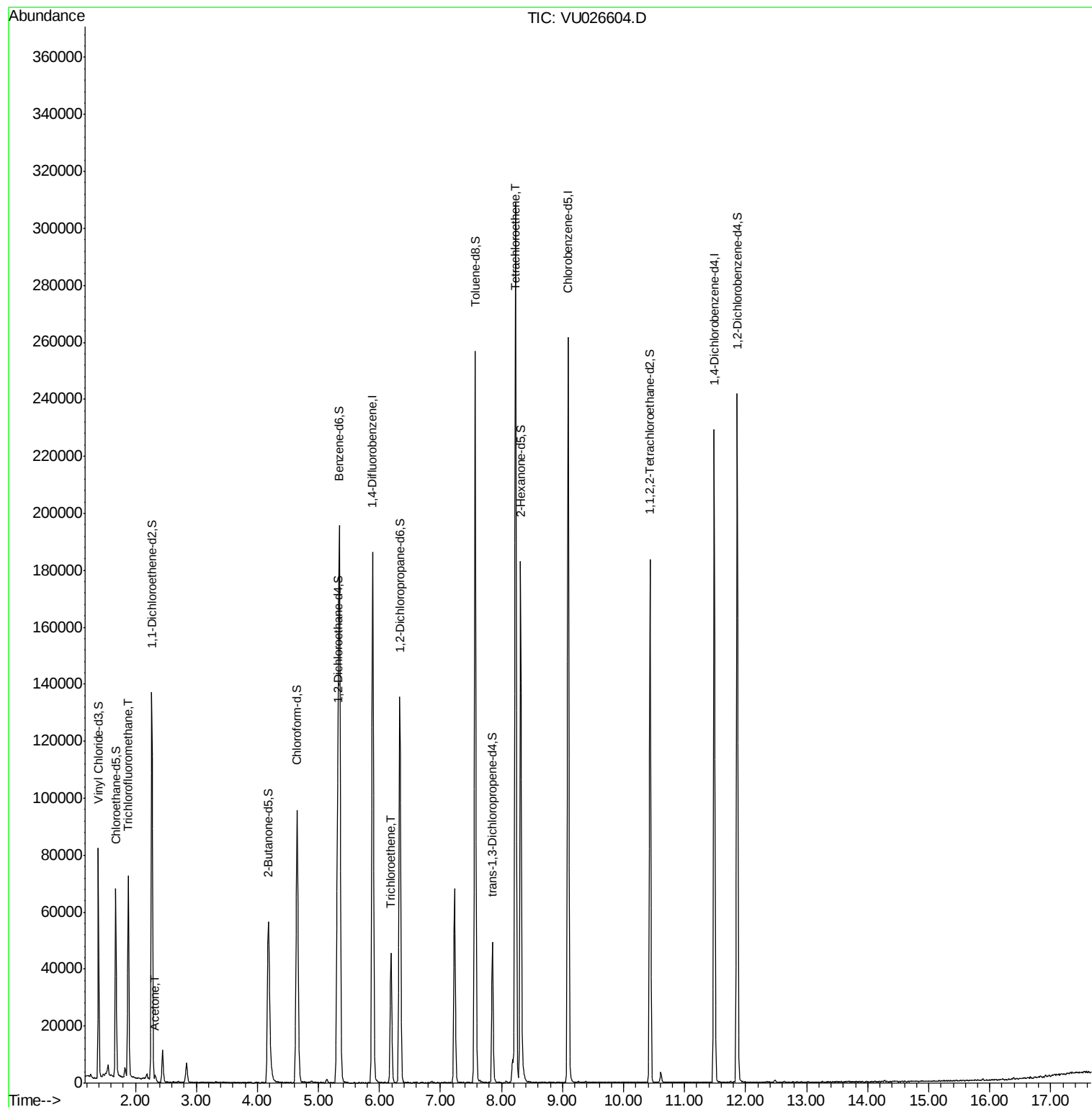
					Ovalue
9) Trichlorofluoromethane	1.88	101	42836	20.68	ug/L 99
13) Acetone	2.32	43	1730	2.66	ug/L 94
34) Trichloroethene	6.19	95	15668	15.03	ug/L 97
46) Tetrachloroethene	8.23	164	69478	81.53	ug/L 96

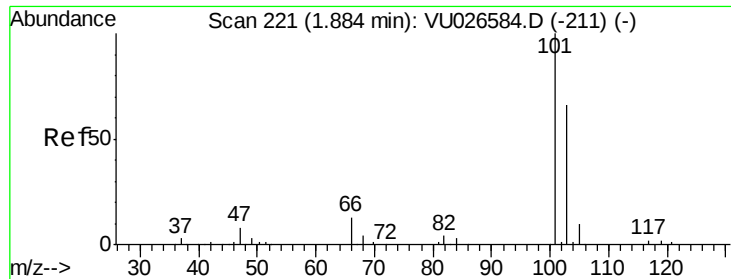
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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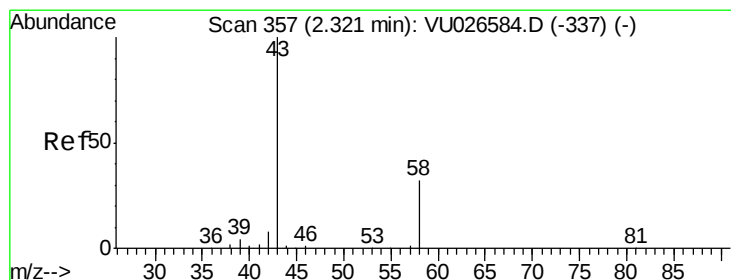
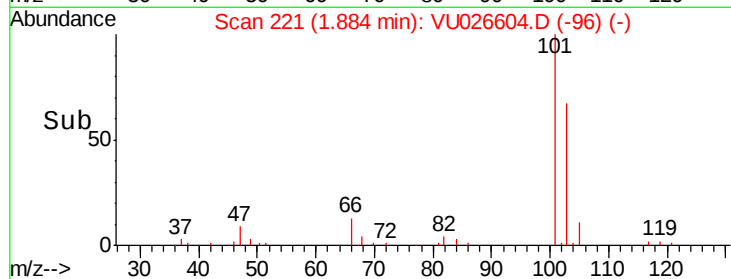
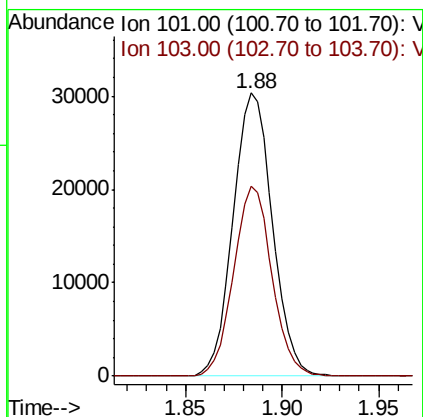
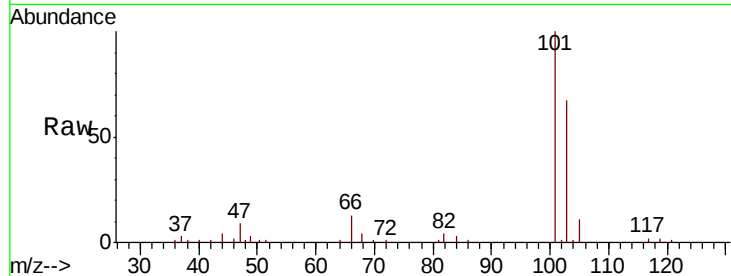




#9
 Trichlorofluoromethane
 Concen: 20.68 ug/L
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026604.D
 Acq: 07 Sep 2018 01:51

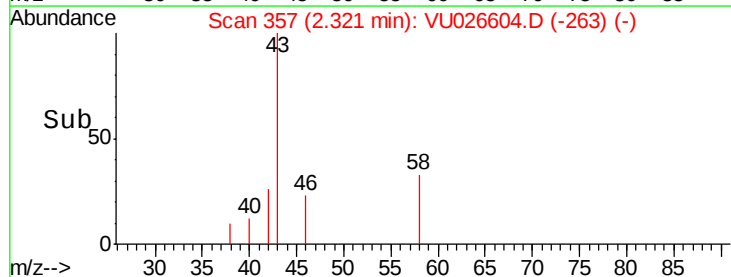
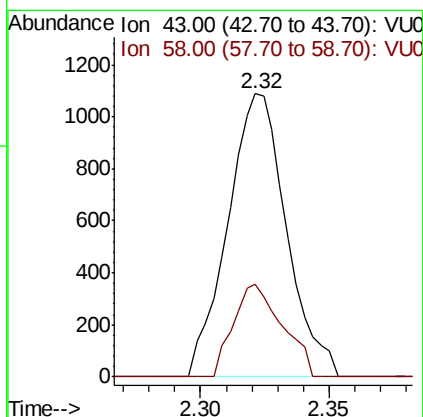
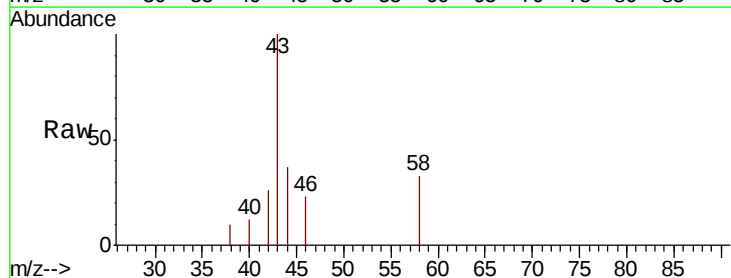
Instrument :
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 C0SY7

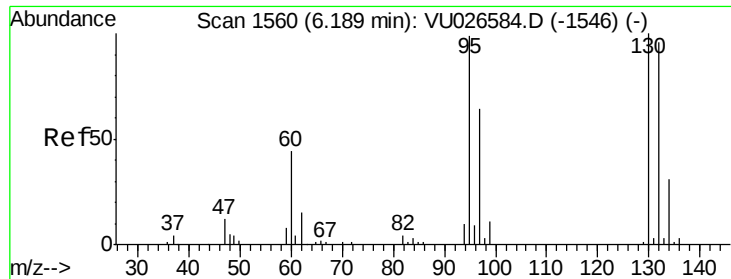
Tot Ion:101 Resp: 42836
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.7 79.1



#13
 Acetone
 Concen: 2.66 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026604.D
 Acq: 07 Sep 2018 01:51

Tgt Ion: 43 Resp: 1730
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 61.2





#34

Trichloroethene

Concen: 15.03 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026604.D

Acq: 07 Sep 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

C0SY7

Tot Ion: 95 Resp: 15668

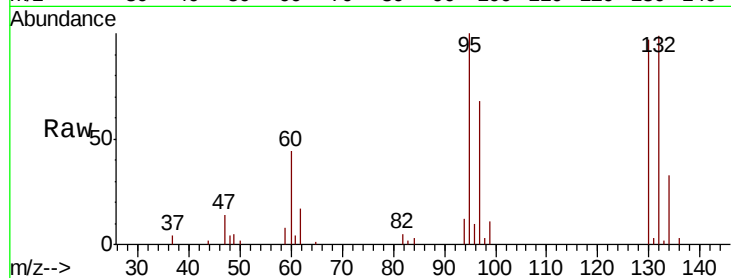
Ion Ratio Lower Upper

95 100

97 67.7 45.1 83.7

132 99.1 67.5 125.3

130 96.6 69.3 128.7

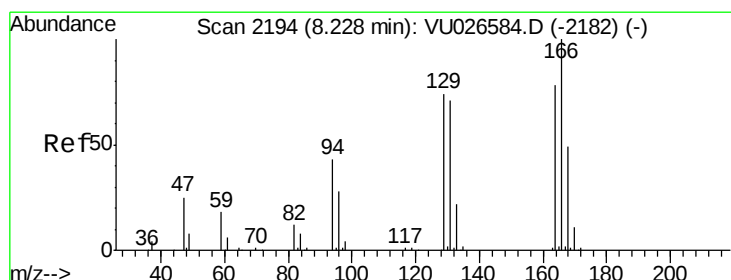
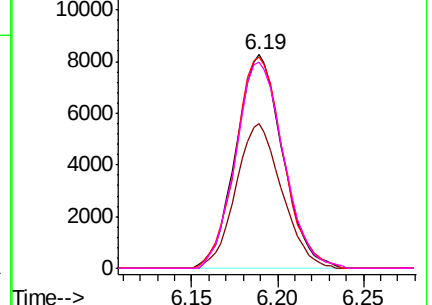
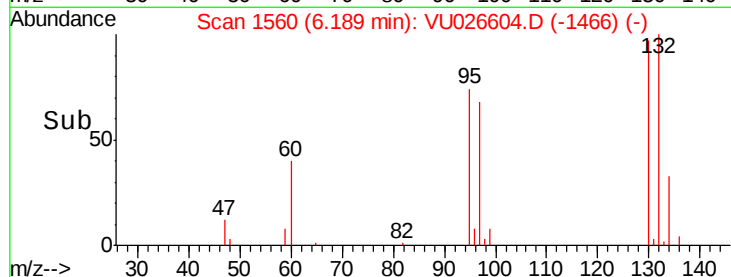


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 81.53 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026604.D

Acq: 07 Sep 2018 01:51

Tgt Ion: 164 Resp: 69478

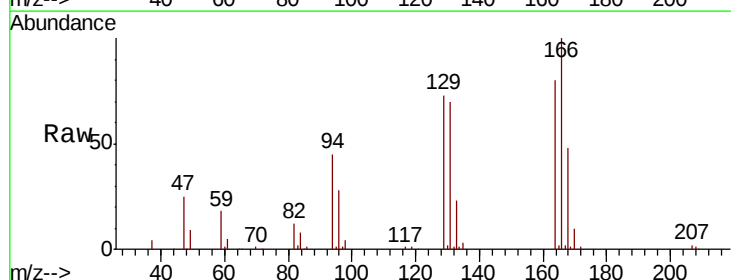
Ion Ratio Lower Upper

164 100

129 92.1 67.3 125.1

131 88.2 65.3 121.3

166 125.6 90.9 168.7



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

