

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026606.D
 Acq On : 07 Sep 2018 02:38
 Operator : MD/SY
 Sample : J4750-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY9

Quant Time: Sep 07 07:27:04 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	155399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146928	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53694	55.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.54%
7) Chloroethane-d5	1.68	69	48852	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.36%
11) 1,1-Dichloroethene-d2	2.27	63	77218	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	4.18	46	89214	119.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.38%
24) Chloroform-d	4.65	84	96829	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
26) 1,2-Dichloroethane-d4	5.31	65	65870	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	5.34	84	193649	57.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.36%
36) 1,2-Dichloropropane-d6	6.33	67	67794	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.56%
41) Toluene-d8	7.57	98	171939	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.85	79	27147	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
47) 2-Hexanone-d5	8.31	63	64727	121.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92177	53.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	65653	59.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.24%

Target Compounds

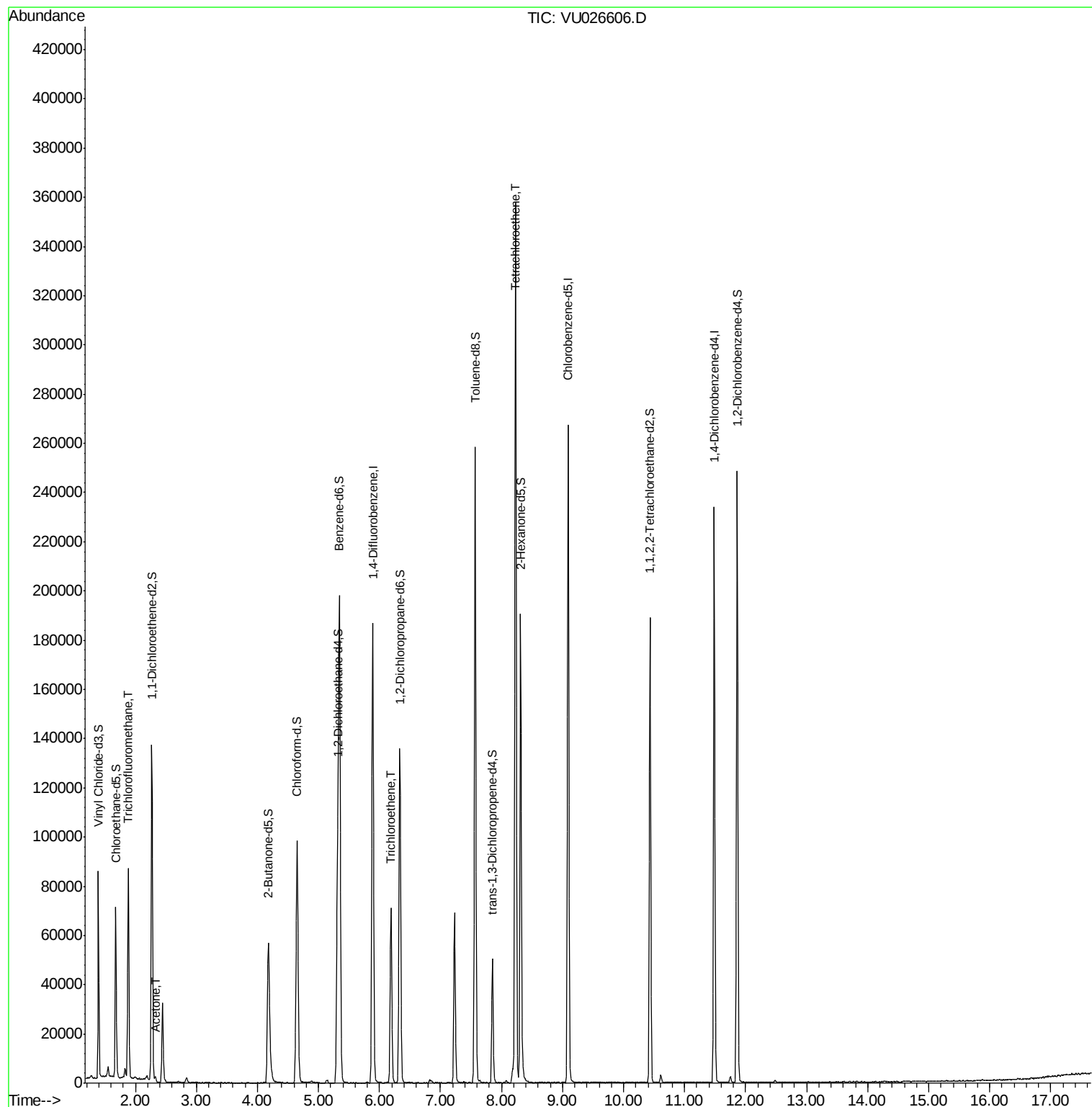
					Ovalue
9) Trichlorofluoromethane	1.88	101	51734	25.08	ug/L 100
13) Acetone	2.32	43	1402	2.17	ug/L 94
34) Trichloroethene	6.19	95	24801	23.47	ug/L 99
46) Tetrachloroethene	8.23	164	79852	92.44	ug/L 98

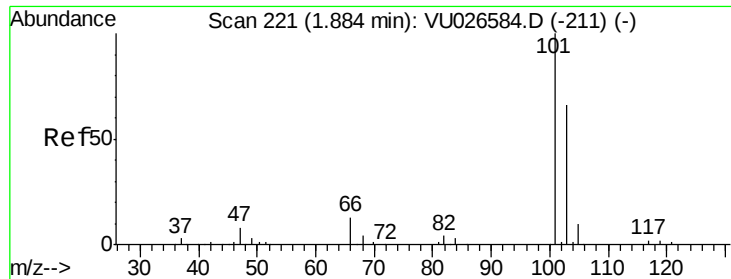
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 25.08 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampled :

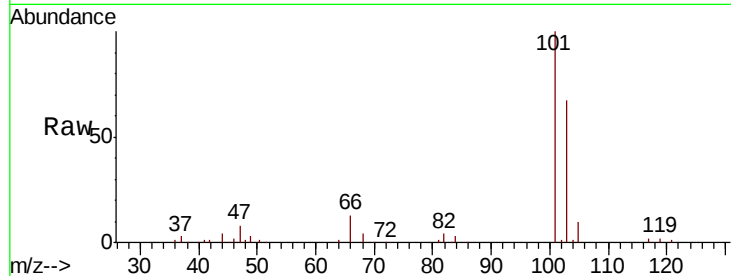
C0SY9

Tot Ion:101 Resp: 51734

Ion Ratio Lower Upper

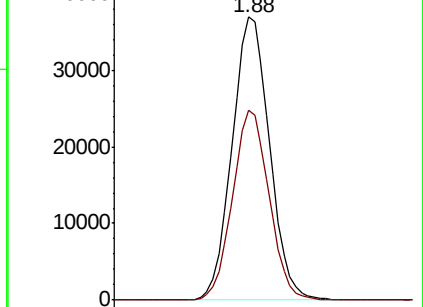
101 100

103 65.5 52.7 79.1

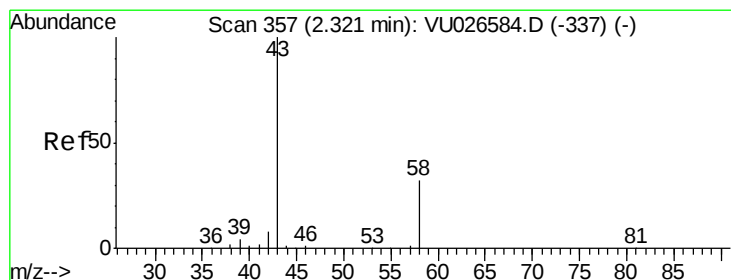
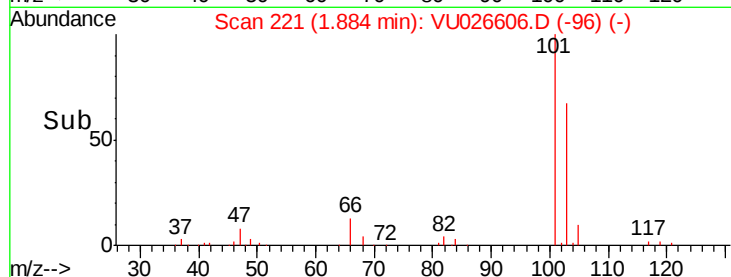


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#13

Acetone

Concen: 2.17 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026606.D

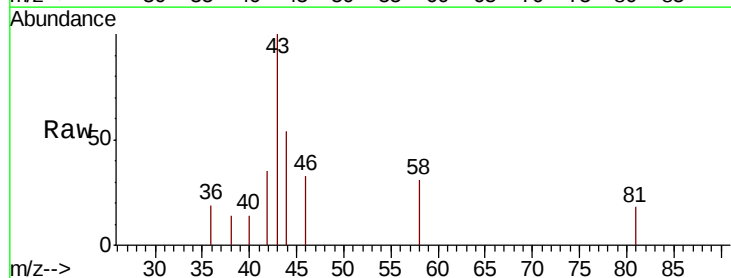
Acq: 07 Sep 2018 02:38

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

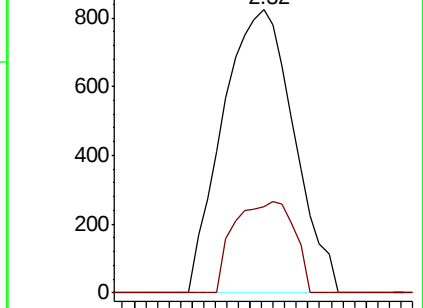
43 100

58 27.1 0.0 61.2

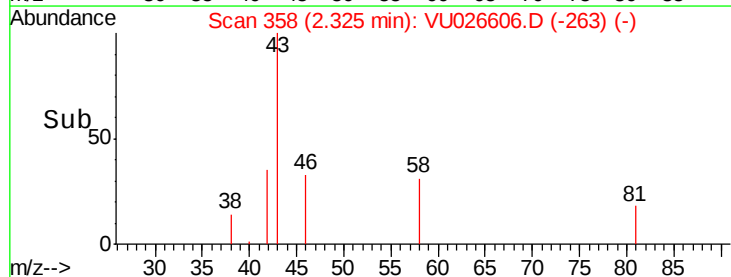


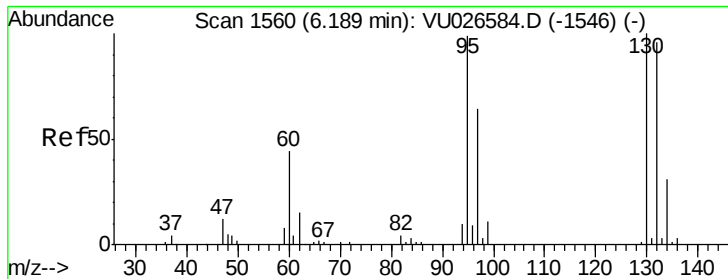
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->





#34

Trichloroethene

Concen: 23.47 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

C0SY9

Tot Ion: 95 Resp: 24801

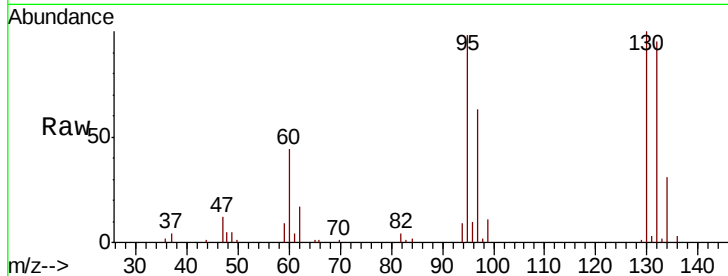
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.7

132 96.6 67.5 125.3

130 101.8 69.3 128.7

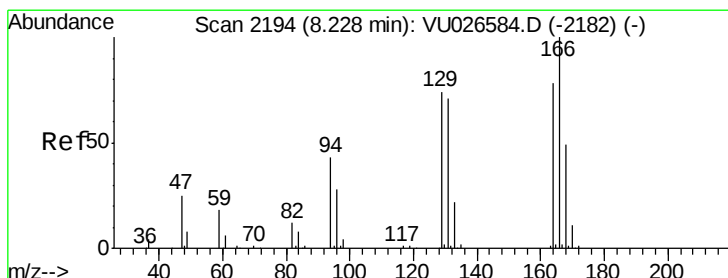
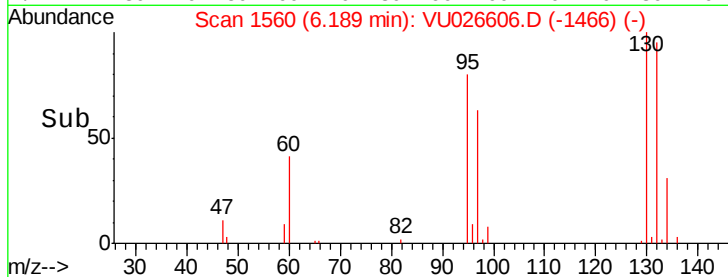
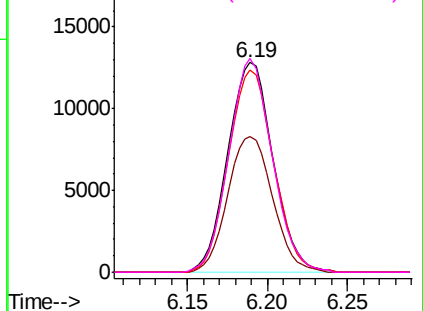


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 92.44 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026606.D

Acq: 07 Sep 2018 02:38

Tgt Ion: 164 Resp: 79852

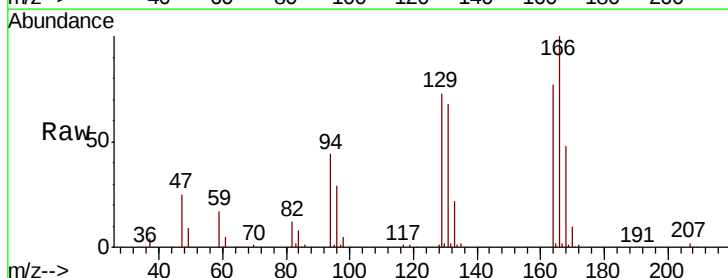
Ion Ratio Lower Upper

164 100

129 95.3 67.3 125.1

131 89.2 65.3 121.3

166 130.3 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

