

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026597.D
 Acq On : 06 Sep 2018 23:08
 Operator : MD/SY
 Sample : J4749-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB7

Quant Time: Sep 07 07:09:43 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	154225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54526	57.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.12%
7) Chloroethane-d5	1.68	69	48867	56.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.24%
11) 1,1-Dichloroethene-d2	2.27	63	73854	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
21) 2-Butanone-d5	4.18	46	87290	117.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.70%
24) Chloroform-d	4.65	84	98084	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.70%
26) 1,2-Dichloroethane-d4	5.31	65	66212	55.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.22%
32) Benzene-d6	5.34	84	196034	59.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.64%
36) 1,2-Dichloropropane-d6	6.33	67	68293	60.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.34%#
41) Toluene-d8	7.57	98	171302	54.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.30%
43) trans-1,3-Dichloropropene-	7.85	79	27677	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.68%
47) 2-Hexanone-d5	8.31	63	61265	118.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90946	54.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	61509	60.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.92%#

Target Compounds

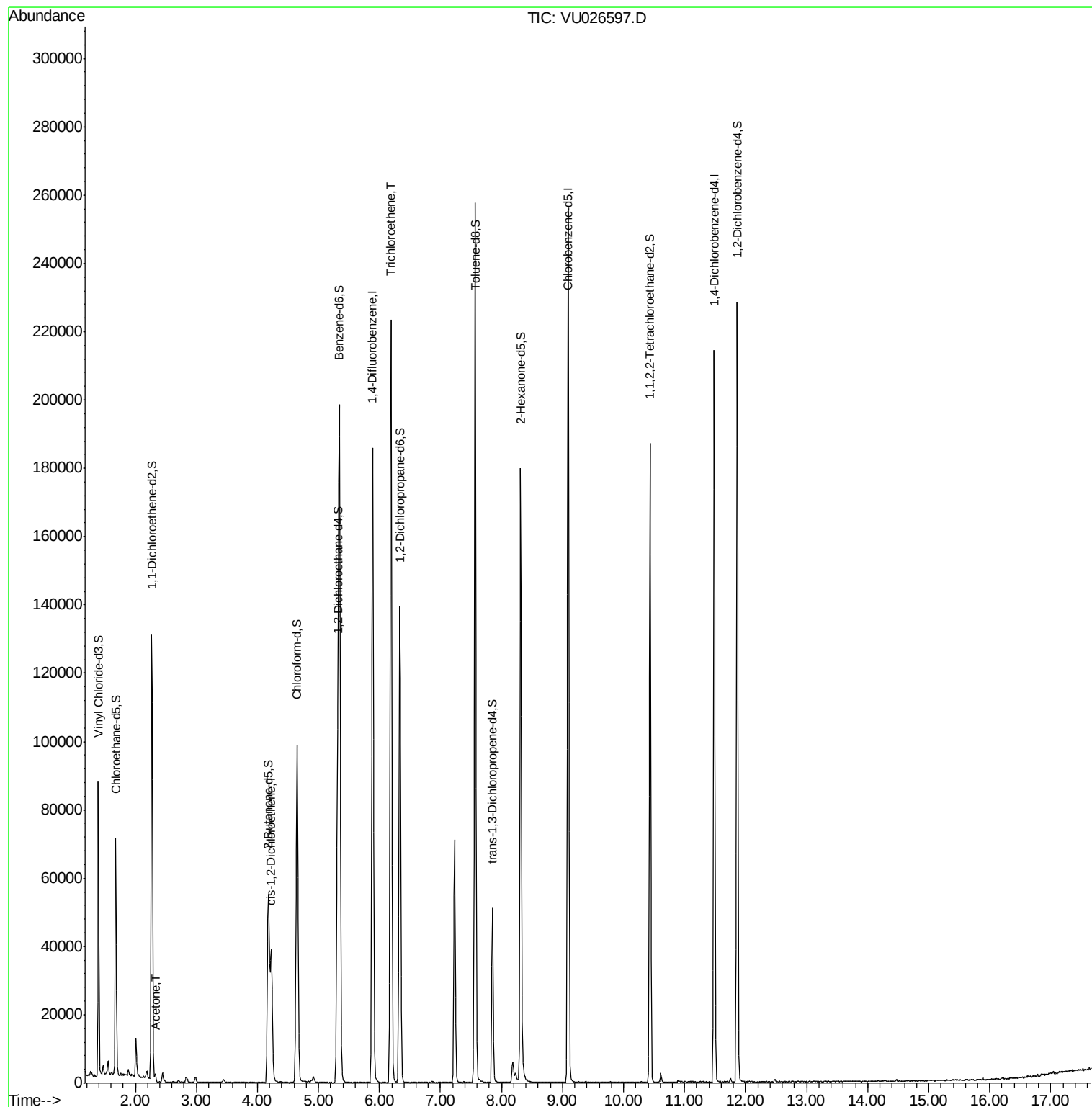
					Ovalue
13) Acetone	2.32	43	1678	2.61 ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	19360	17.36 ug/L	94
34) Trichloroethene	6.19	95	77215	75.52 ug/L	99

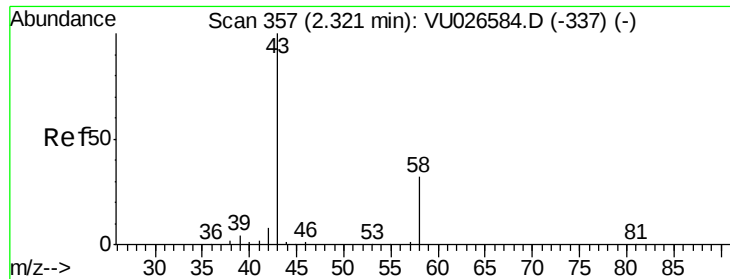
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.61 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

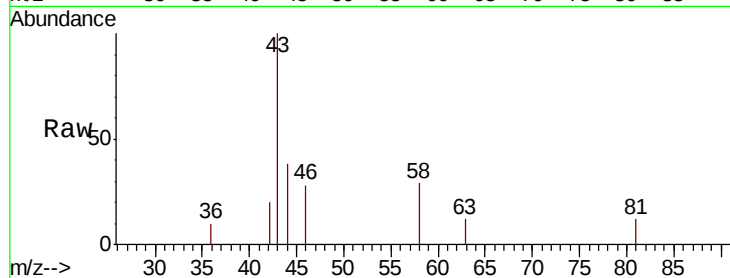
E5FB7

Tot Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 26.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1200

1000

800

600

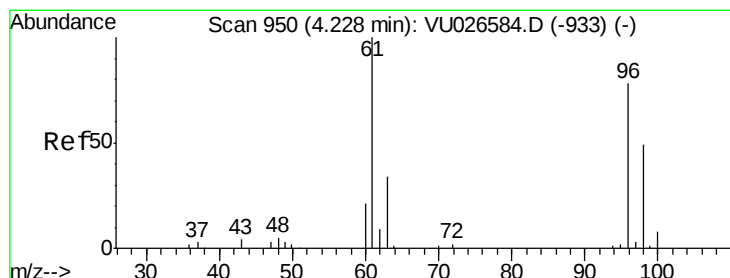
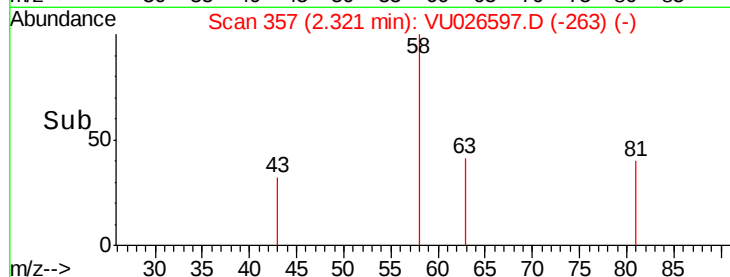
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#20

cis-1,2-Dichloroethene

Concen: 17.36 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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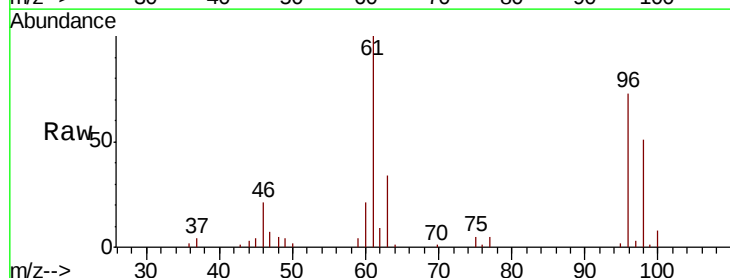
Tgt Ion: 96 Resp: 19360

Ion Ratio Lower Upper

96 100

61 137.6 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

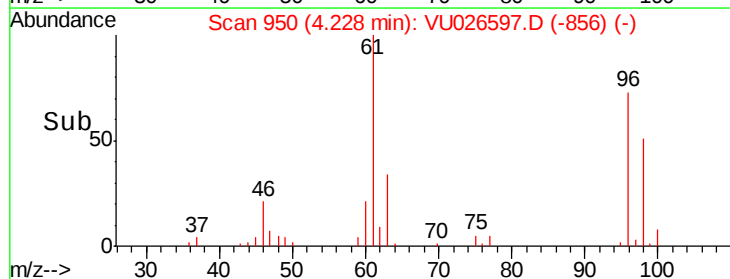
10000

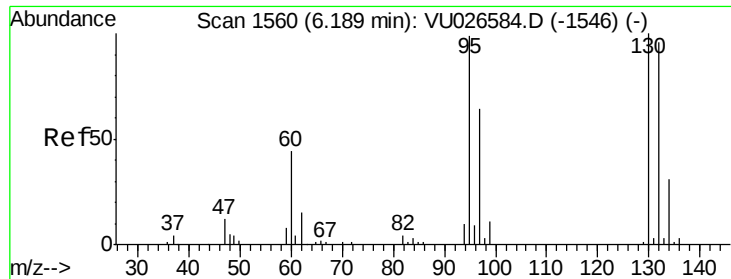
5000

0

Time-->

4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 75.52 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026597.D

Acq: 06 Sep 2018 23:08

Instrument :

MSVOA_U

ClientSampleId :

E5FB7

Tot Ion: 95 Resp: 77215

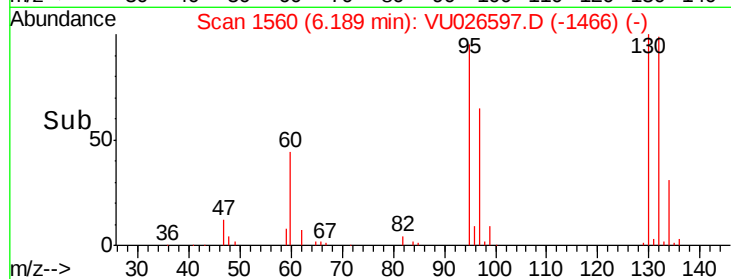
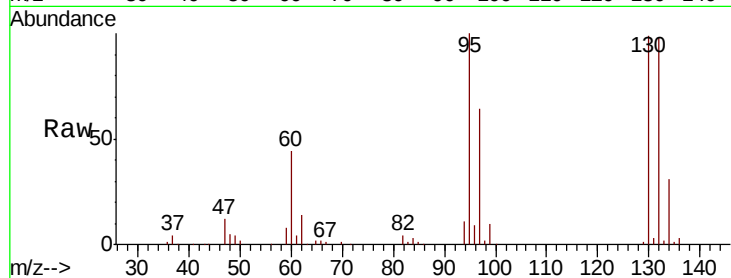
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 98.1 67.5 125.3

130 98.8 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

