

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026595.D
 Acq On : 06 Sep 2018 22:22
 Operator : MD/SY
 Sample : J4749-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB4

Quant Time: Sep 07 07:06:25 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	154314	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54984	57.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.02%
7) Chloroethane-d5	1.68	69	49161	56.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.86%
11) 1,1-Dichloroethene-d2	2.27	63	76777	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	4.18	46	90956	122.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.57%
24) Chloroform-d	4.65	84	97581	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.08%
26) 1,2-Dichloroethane-d4	5.31	65	65727	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.34%
32) Benzene-d6	5.34	84	193917	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.82%
36) 1,2-Dichloropropane-d6	6.33	67	67362	59.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.14%
41) Toluene-d8	7.57	98	170836	53.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.52%
43) trans-1,3-Dichloropropene-	7.85	79	27565	53.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.76%
47) 2-Hexanone-d5	8.31	63	63617	122.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91340	54.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	62159	59.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.30%

Target Compounds

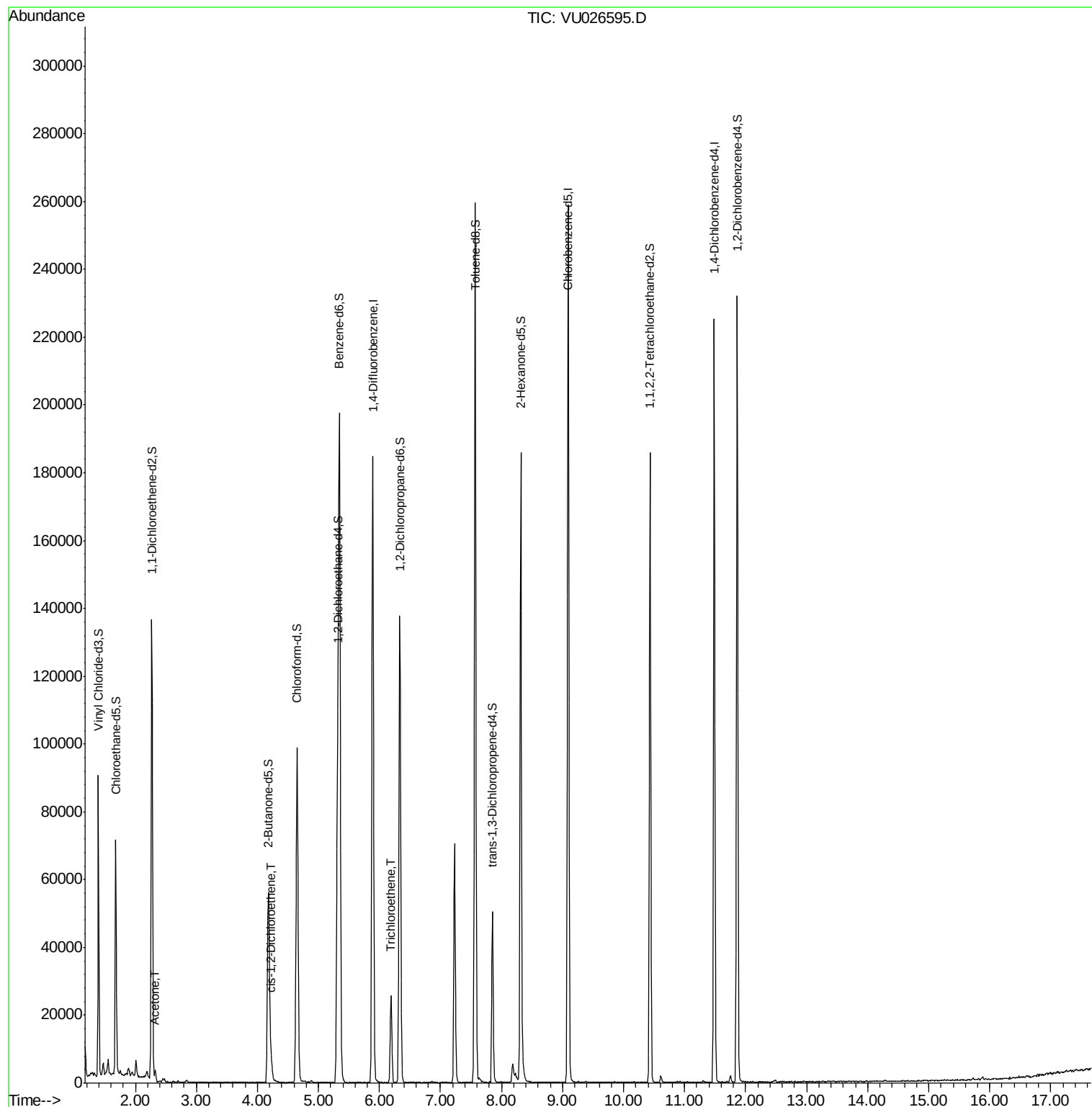
					Ovalue
13) Acetone	2.32	43	2655	4.13 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1894	1.70 ug/L	97
34) Trichloroethene	6.19	95	9110	8.87 ug/L	96

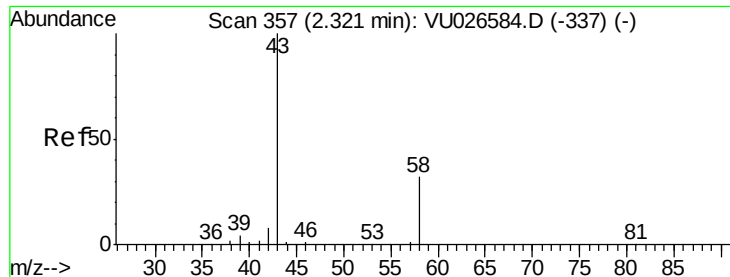
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.13 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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ClientSampleId :

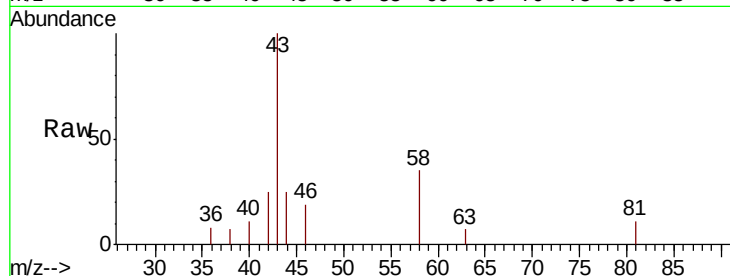
E5FB4

Tot Ion: 43 Resp: 2655

Ion Ratio Lower Upper

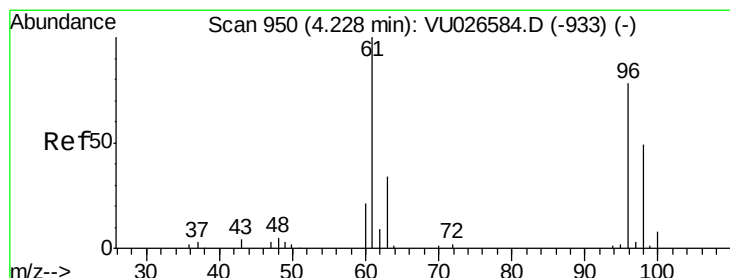
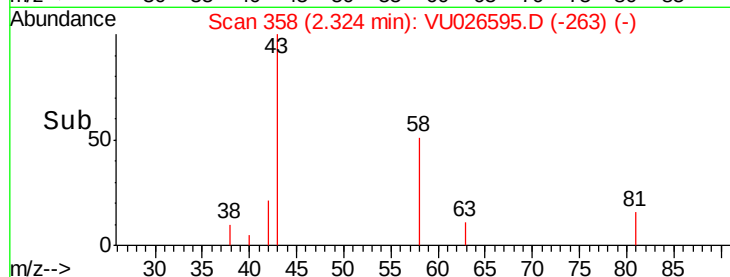
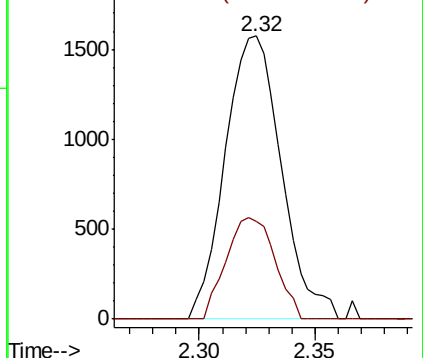
43 100

58 31.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.70 ug/L

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

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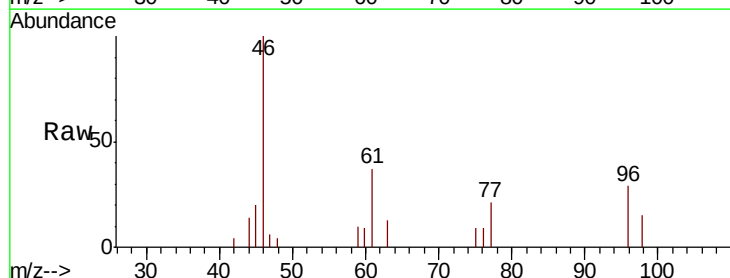
Tgt Ion: 96 Resp: 1894

Ion Ratio Lower Upper

96 100

61 126.8 91.6 170.2

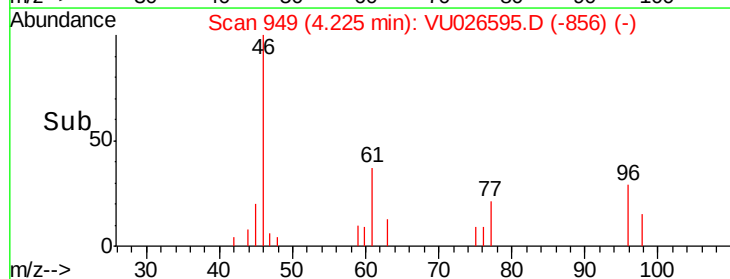
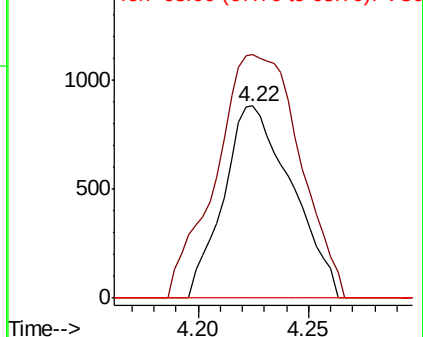
68 0.0 0.0 0.0

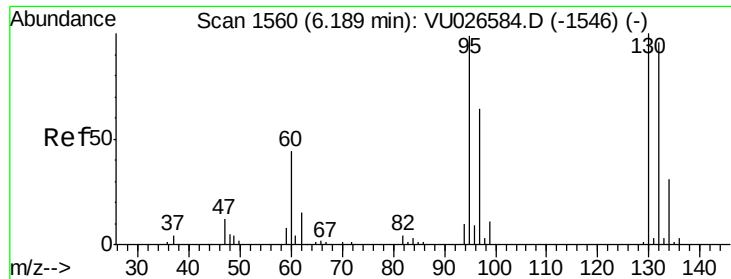


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 8.87 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

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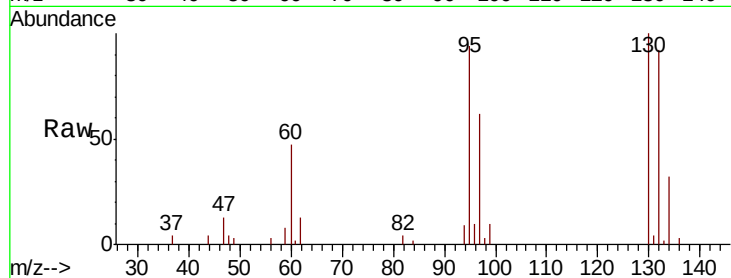
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Tot Ion: 95 Resp: 9110

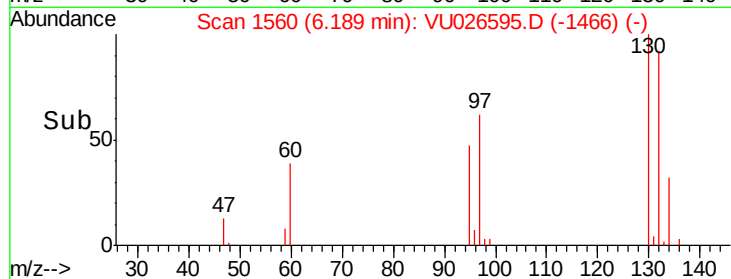
Ion Ratio Lower Upper

95 100

97 66.2 45.1 83.7

132 98.0 67.5 125.3

130 106.0 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

