

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110620\
 Data File : VU041127.D
 Acq On : 06 Nov 2020 20:54
 Operator : SY/MD
 Sample : L4646-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G0

Quant Time: Nov 07 00:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19143	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.92	69	17795	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	30907	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.65	46	83094	50.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.18%
24) Chloroform-d	5.08	84	46296	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	28961	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	83258	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	30028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.91	98	69542	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	10440	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	59906	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25303	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	28374	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

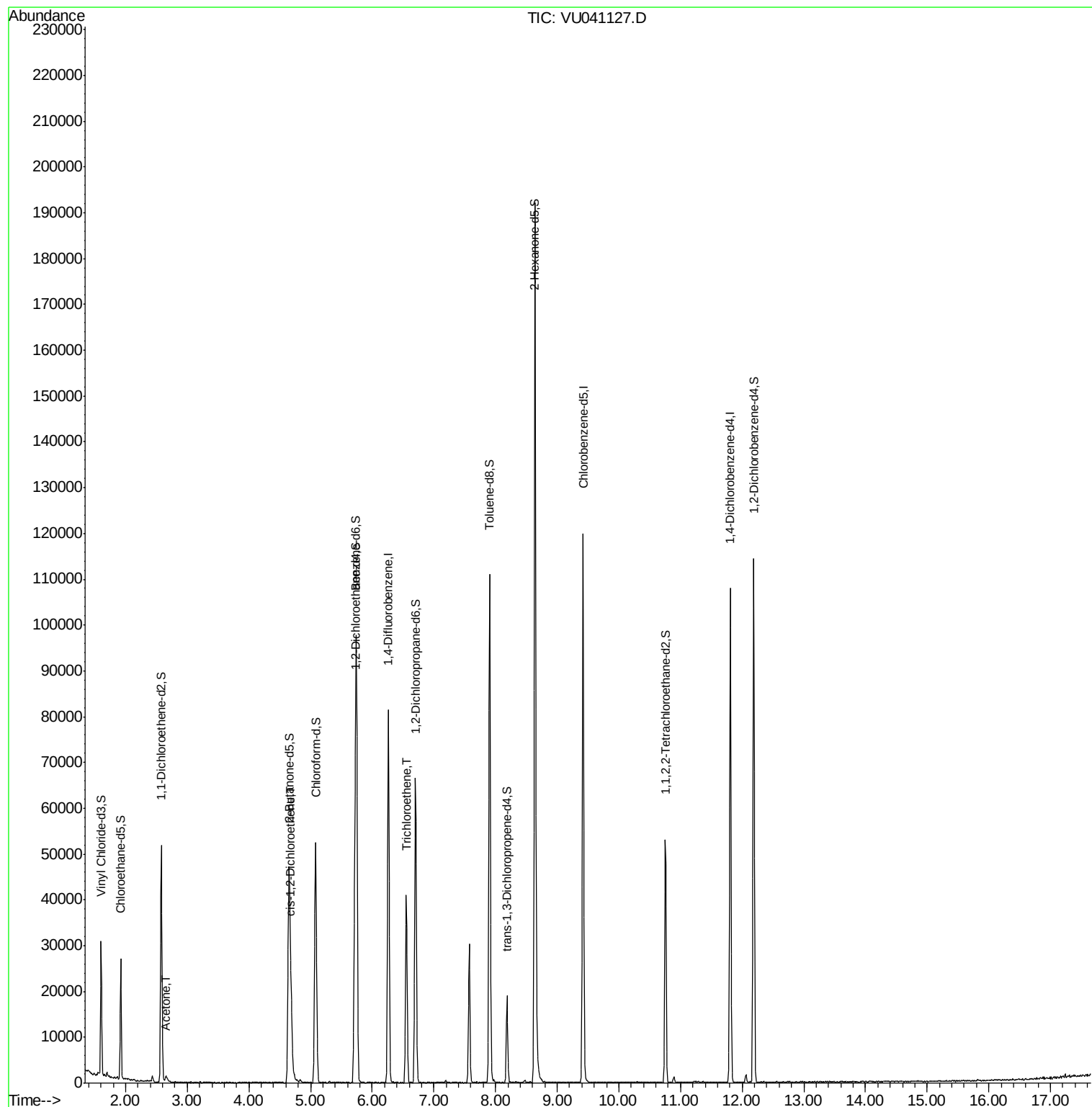
Target Compounds					Ovalue
13) Acetone	2.66	43	2532	2.233 ug/L	72
22) cis-1,2-Dichloroethene	4.69	96	3945	0.889 ug/L	93
34) Trichloroethene	6.55	95	14147	2.973 ug/L	96

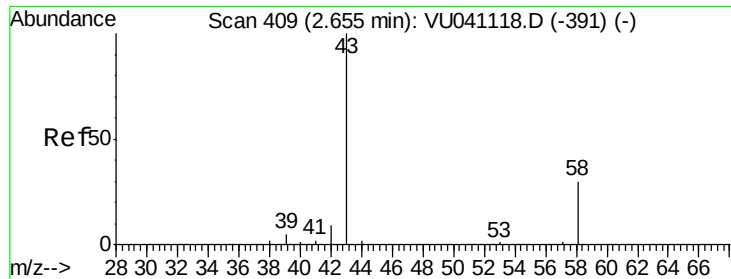
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.233 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

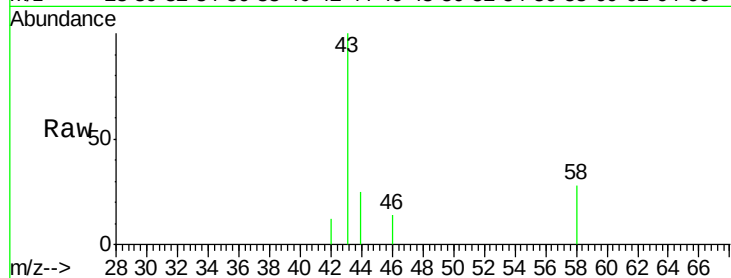
GB0G0

Tot Ion: 43 Resp: 2532

Ion Ratio Lower Upper

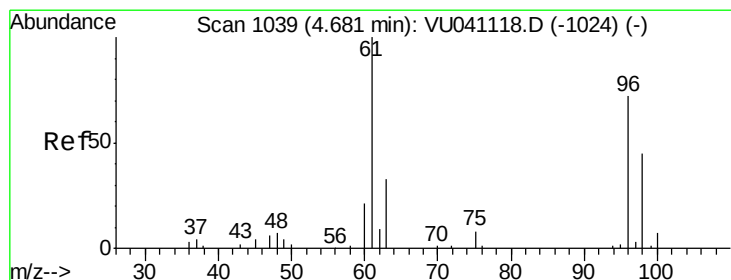
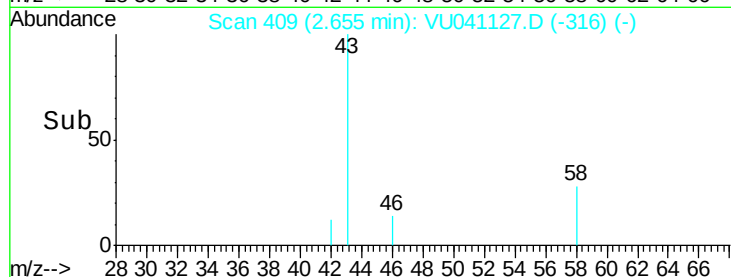
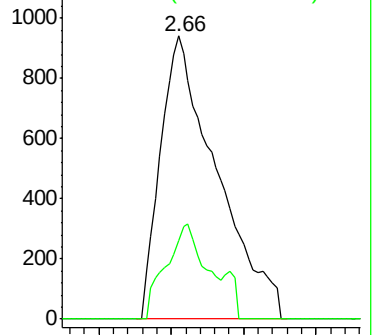
43 100

58 23.6 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.889 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

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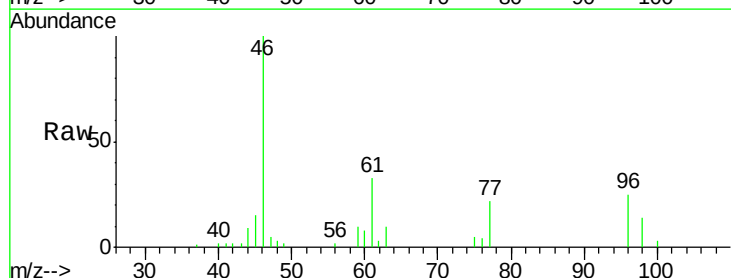
Tgt Ion: 96 Resp: 3945

Ion Ratio Lower Upper

96 100

61 130.4 97.2 180.4

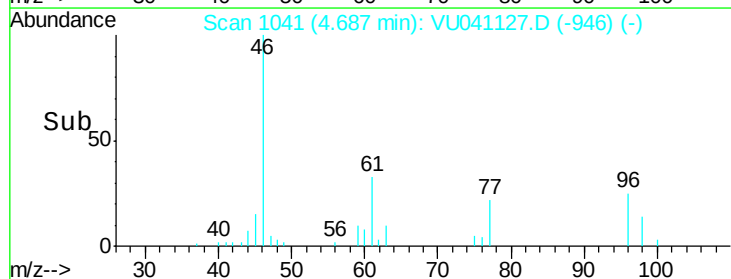
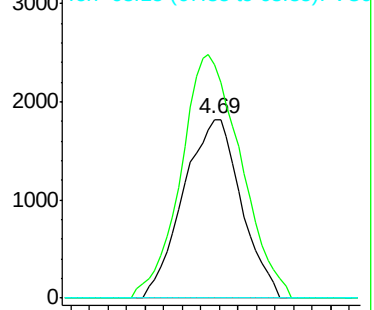
68 0.0 0.0 0.0

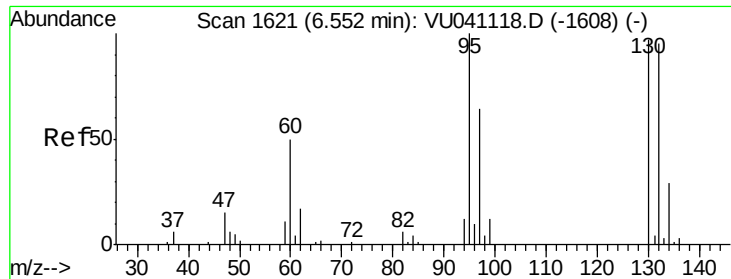


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 2.973 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

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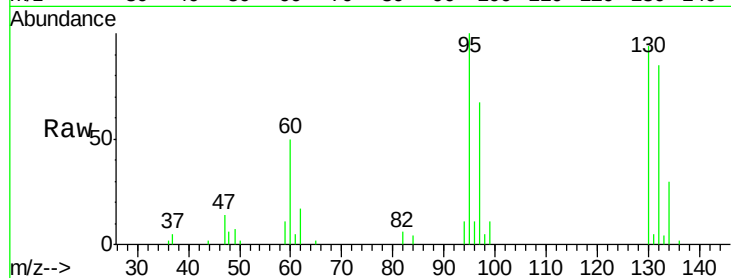
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Tot Ion: 95 Resp: 14147

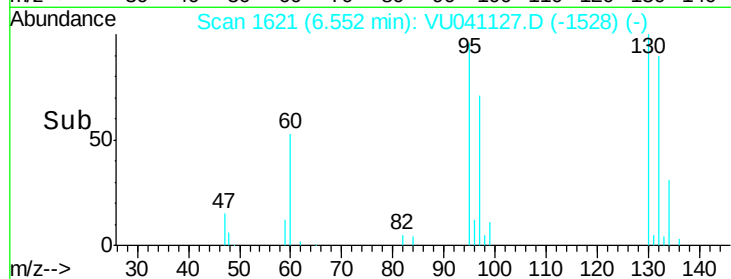
Ion Ratio Lower Upper

95 100

97 67.5 45.6 84.6

132 85.5 64.8 120.4

130 94.5 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

