

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110320\
 Data File : VU041075.D
 Acq On : 03 Nov 2020 13:51
 Operator : SY/MD
 Sample : L4614-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1B1

Quant Time: Nov 04 01:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17583	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.92	69	13944	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.58	63	25832	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.65	46	76123	55.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	5.08	84	34984	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	22479	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	62112	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	21516	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	50053	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	8569	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	60074	56.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21068	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	21355	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

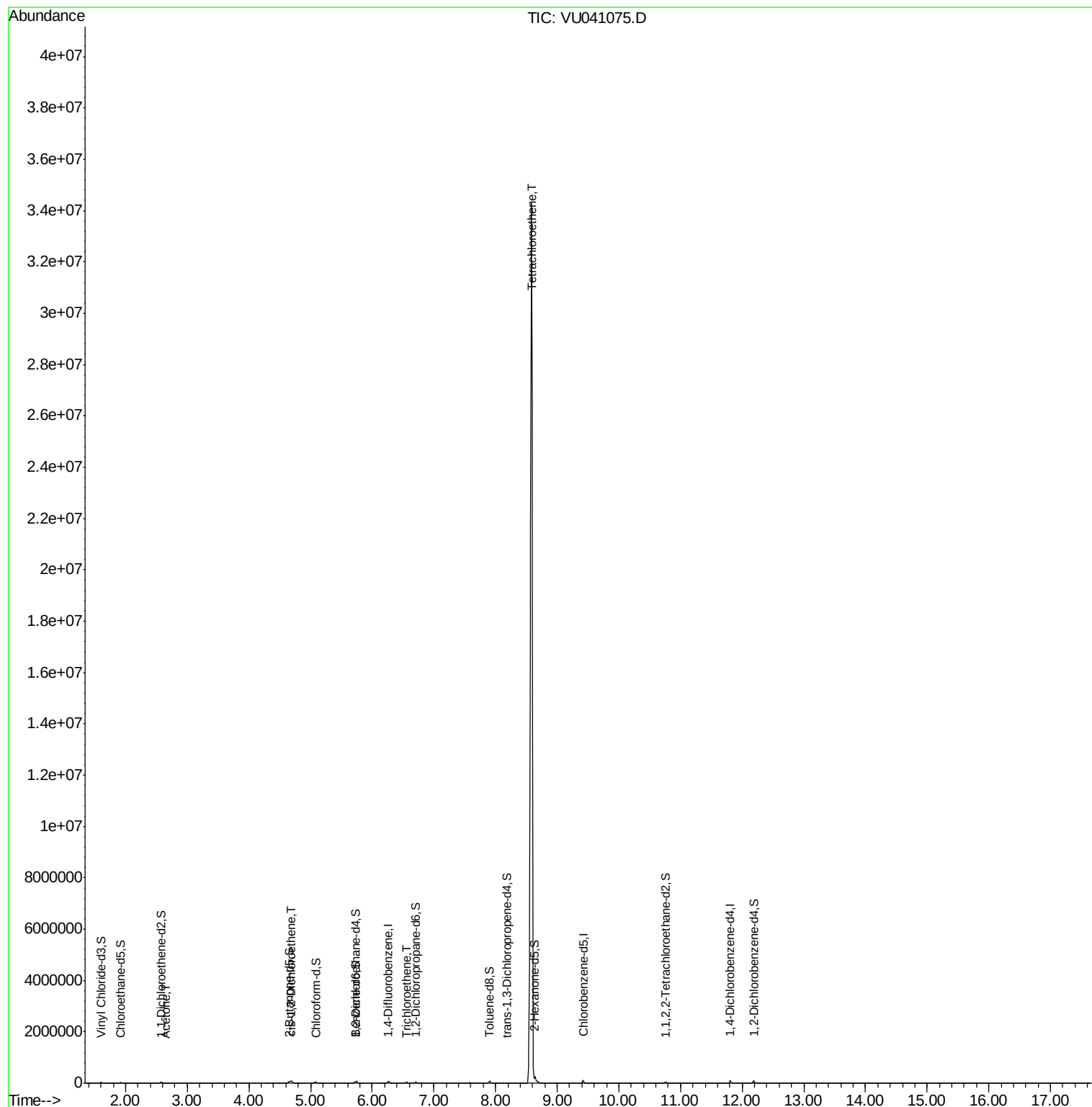
					Ovalue
13) Acetone	2.66	43	1813	1.940	ug/L 96
22) cis-1,2-Dichloroethene	4.69	96	38336	10.481	ug/L 89
34) Trichloroethene	6.56	95	9187	2.292	ug/L 95
47) Tetrachloroethene	8.58	164	7741088	2626.448	ug/L 87

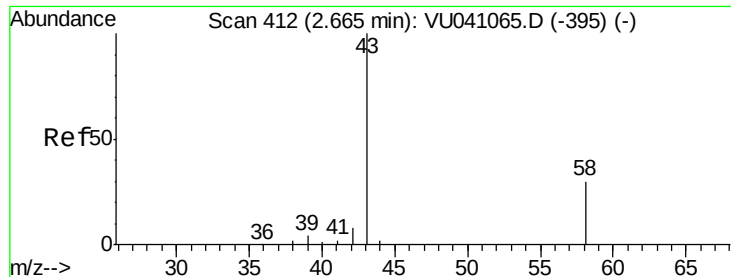
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.940 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

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ClientSampleId :

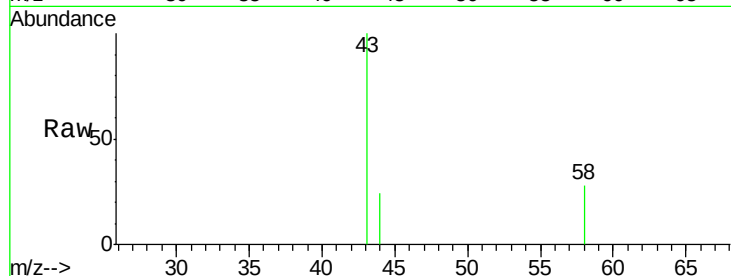
BG1B1

Tot Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

58 14.5 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041065.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041065.D (-395) (-)

2.66

600

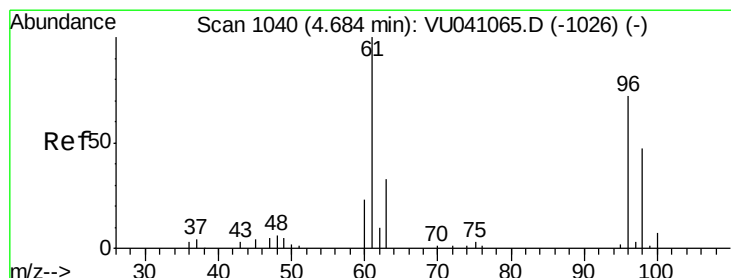
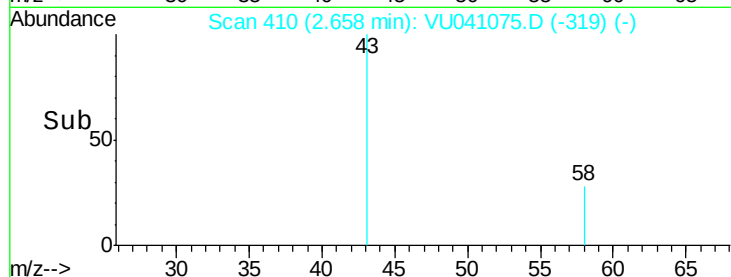
400

200

0

2.60 2.65 2.70

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.481 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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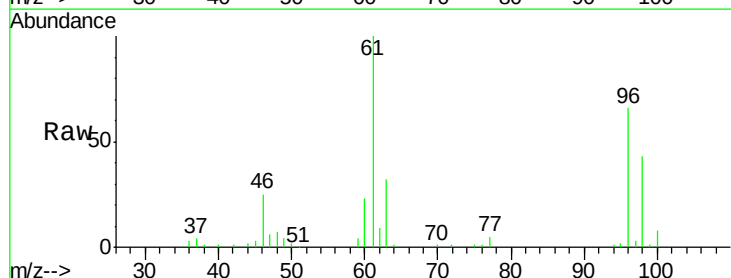
Tgt Ion: 96 Resp: 38336

Ion Ratio Lower Upper

96 100

61 151.8 97.2 180.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041065.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU041065.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU041065.D (-1026) (-)

4.69

30000

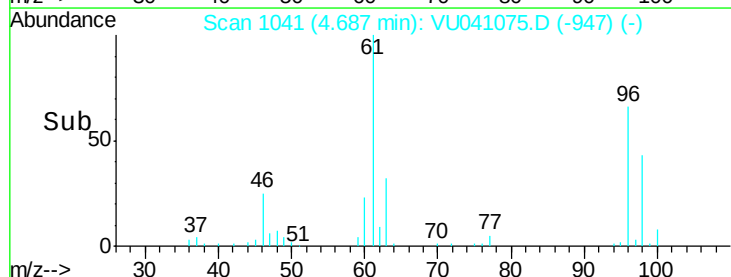
20000

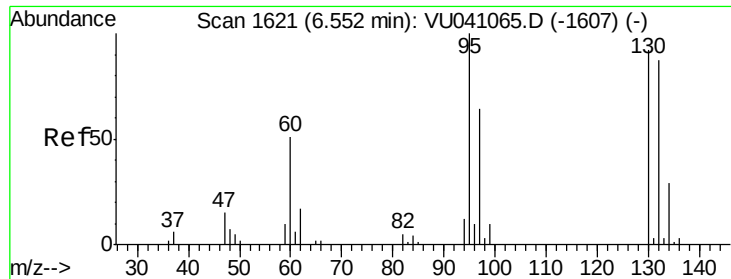
10000

0

4.60 4.65 4.70 4.75

Time-->





#34

Trichloroethene

Concen: 2.292 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041075.D

Acq: 03 Nov 2020 13:51

Instrument :

MSVOA_U

ClientSampleId :

BG1B1

Tot Ion: 95 Resp: 9187

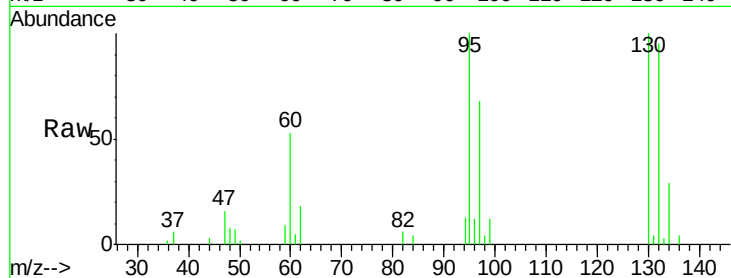
Ion Ratio Lower Upper

95 100

97 68.6 45.6 84.6

132 95.2 64.8 120.4

130 100.3 64.8 120.4

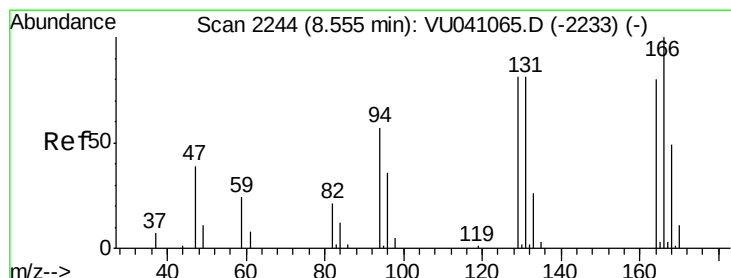
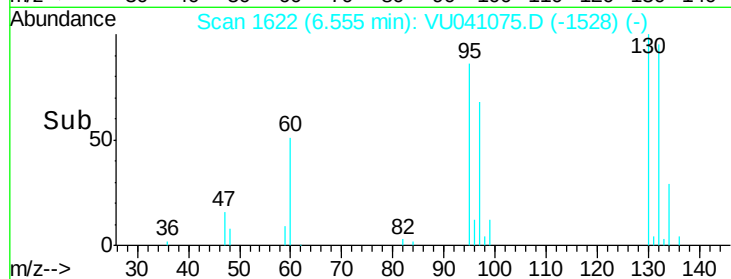
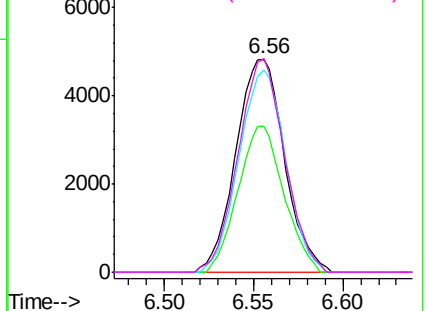


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 2626.448 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.03 min

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Tgt Ion:164 Resp: 7741088

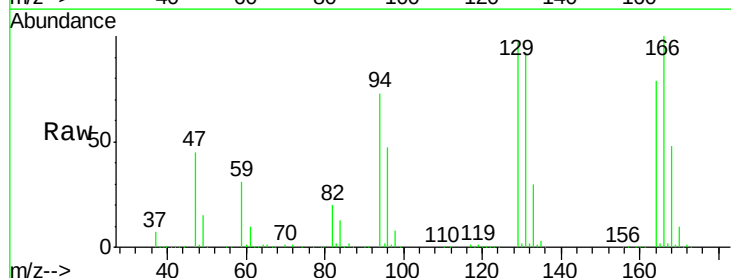
Ion Ratio Lower Upper

164 100

129 121.9 70.3 130.7

131 116.5 70.8 131.4

166 126.0 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

