

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051420\
 Data File : VU038170.D
 Acq On : 14 May 2020 15:32
 Operator : JC/MD
 Sample : L2631-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8N1

Quant Time: May 15 02:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	326129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113558	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.93	69	112544	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	154672	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	456188	60.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.40%
24) Chloroform-d	5.10	84	222252	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	137282	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	468868	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	156052	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	405479	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	56630	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.65	63	372207	62.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130487	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	157078	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

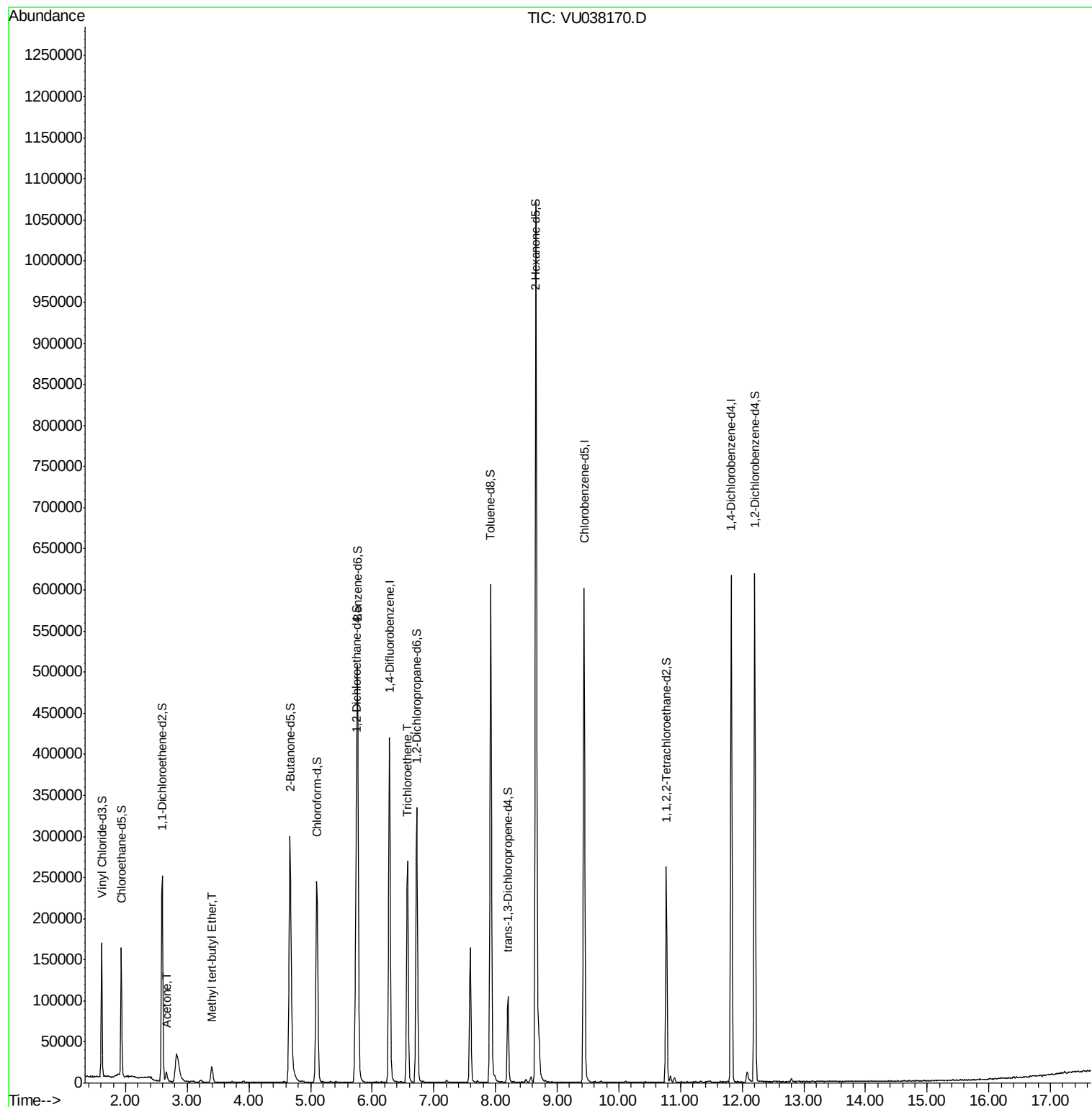
					Ovalue
13) Acetone	2.66	43	14845	3.148 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	19796	0.308 ug/L	95
34) Trichloroethene	6.57	95	91290	3.495 ug/L	98

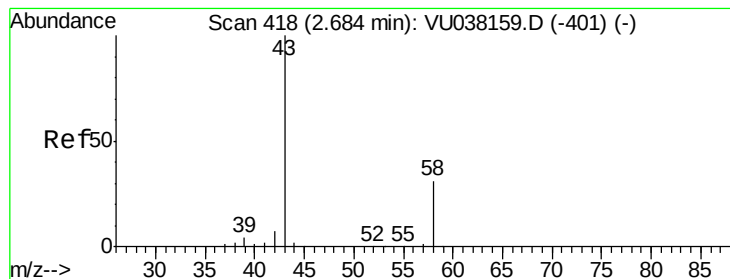
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.148 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

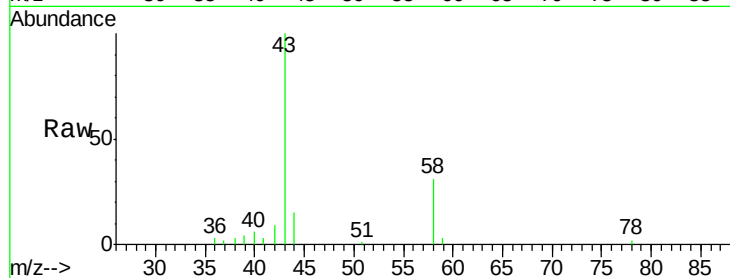
BF8N1

Tot Ion: 43 Resp: 14845

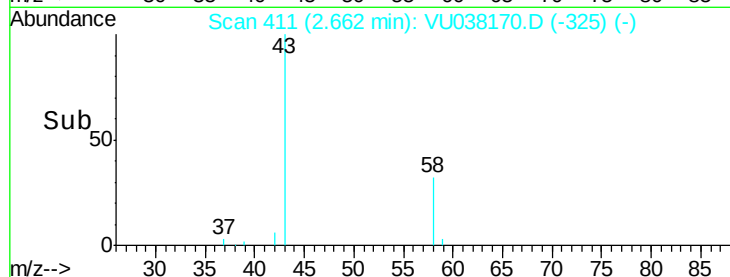
Ion Ratio Lower Upper

43 100

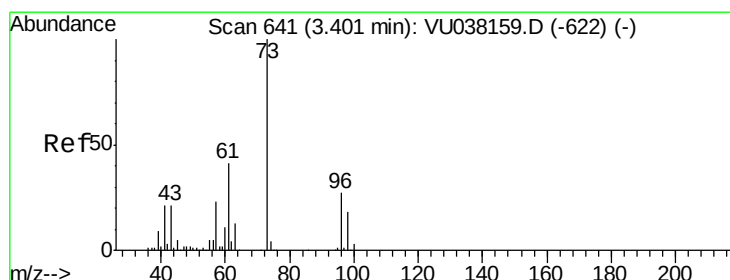
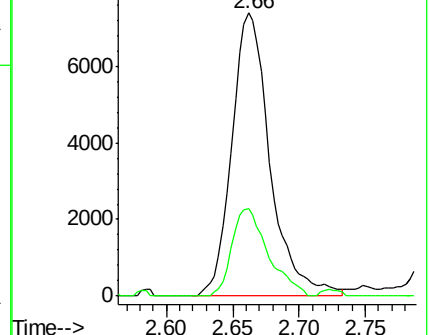
58 29.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038170.D (-325) (-)



Ion 58.05 (57.75 to 58.75): VU038170.D (-325) (-)



#17

Methyl tert-butyl Ether

Concen: 0.308 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038170.D

Acq: 14 May 2020 15:32

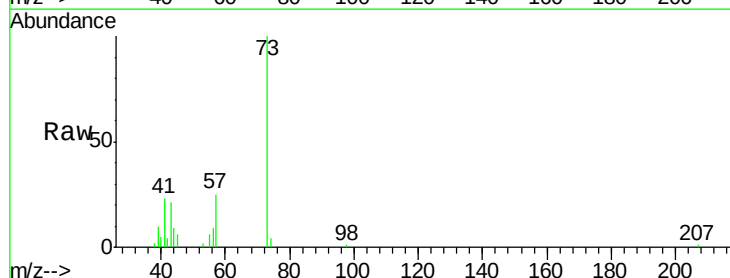
Tgt Ion: 73 Resp: 19796

Ion Ratio Lower Upper

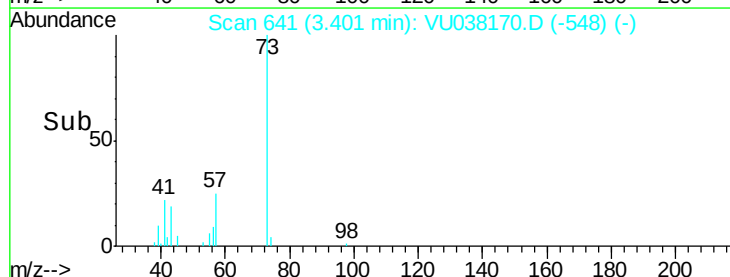
73 100

43 23.1 16.9 25.3

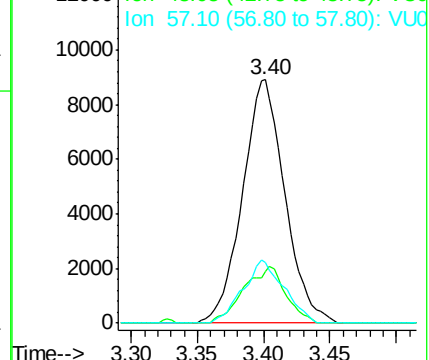
57 25.0 18.2 27.2

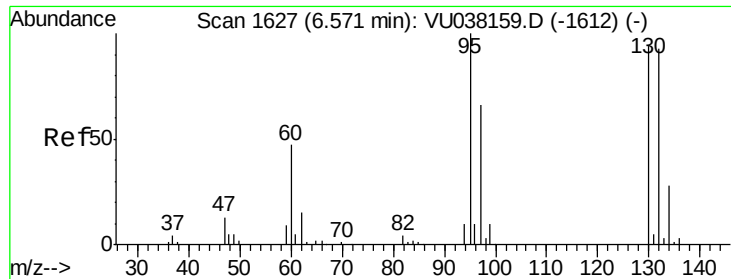


Abundance Ion 73.10 (72.80 to 73.80): VU038170.D (-548) (-)



Ion 43.05 (42.75 to 43.75): VU038170.D (-548) (-)





#34

Trichloroethene

Concen: 3.495 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038170.D

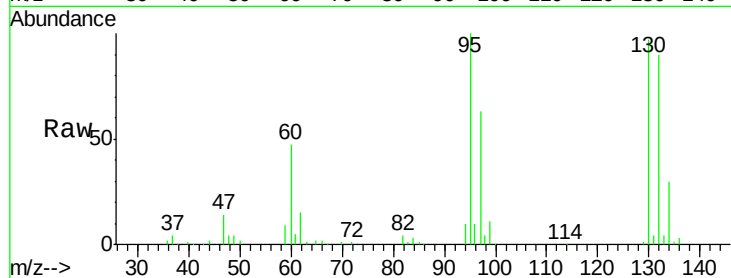
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Tot Ion: 95 Resp: 91290

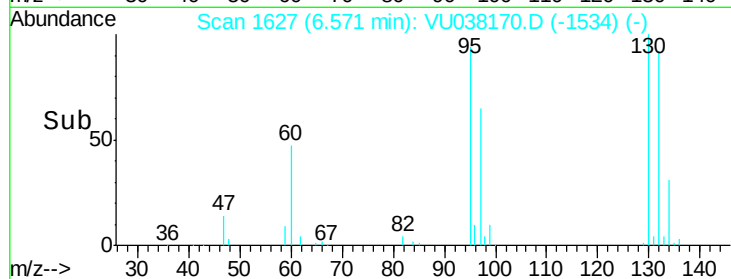
Ion Ratio Lower Upper

95 100

97 63.3 44.9 83.3

132 90.1 63.3 117.5

130 97.4 65.7 122.1



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

