

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038498.D
 Acq On : 02 Jun 2020 17:04
 Operator : JC/MD
 Sample : L2844-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5

Quant Time: Jun 03 02:14:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	281730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66543	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.93	69	66084	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	109399	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.68	46	346776	61.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.48%
24) Chloroform-d	5.10	84	176666	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	109707	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	346449	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	109550	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	279161	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	44171	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.65	63	291829	63.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103863	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123249	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

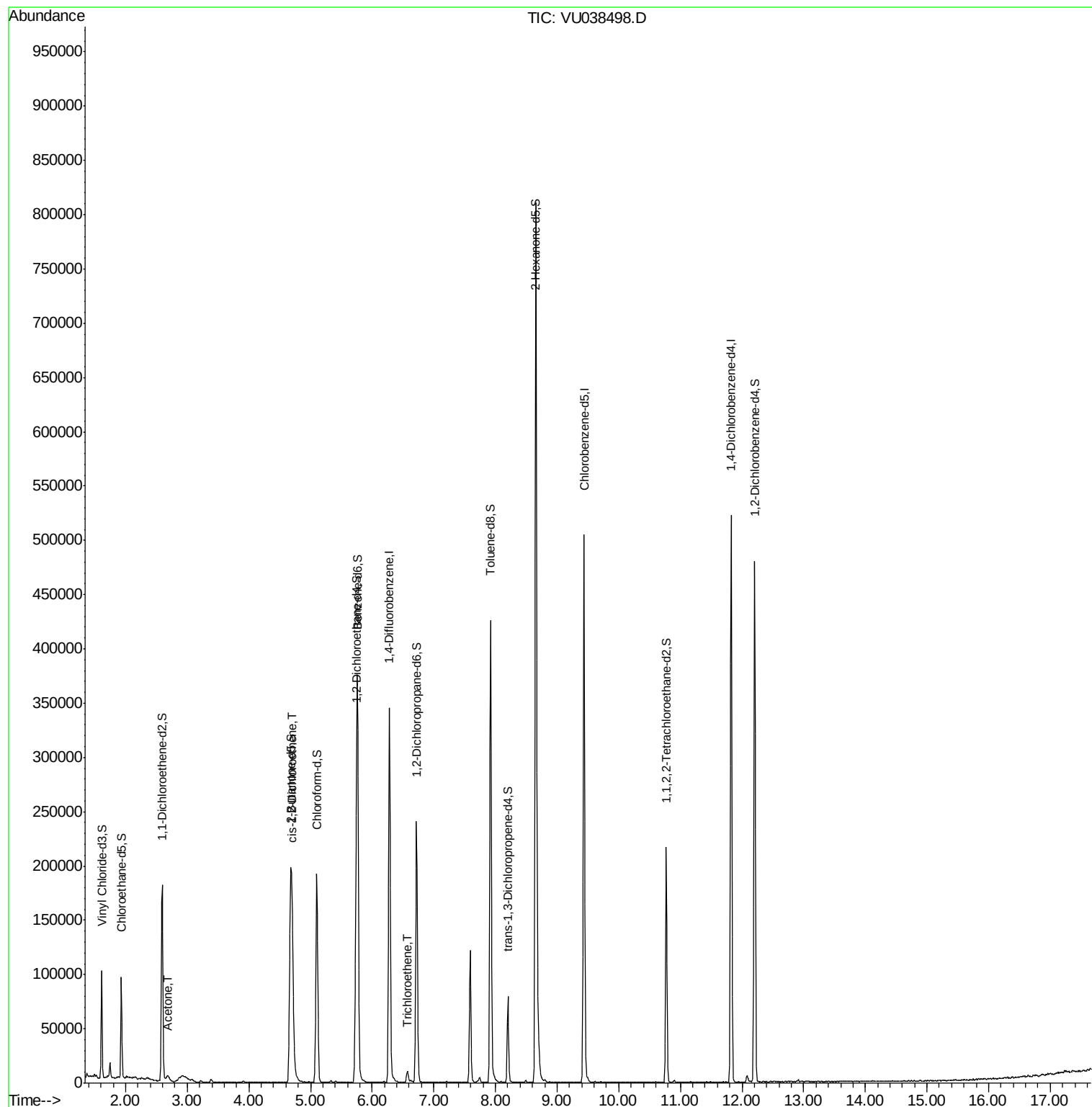
Target Compounds					Qvalue
13) Acetone	2.68	43	10078	2.72 ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	33361	1.62 ug/L	99
34) Trichloroethene	6.58	95	2421	0.12 ug/L	91

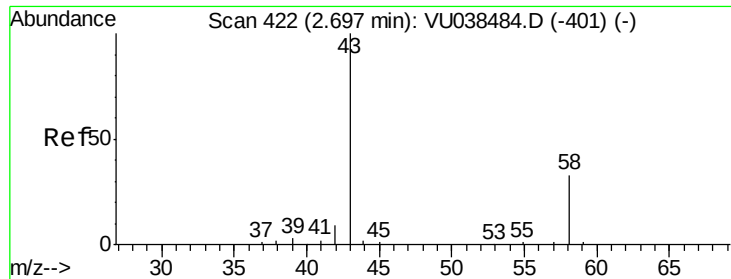
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.72 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

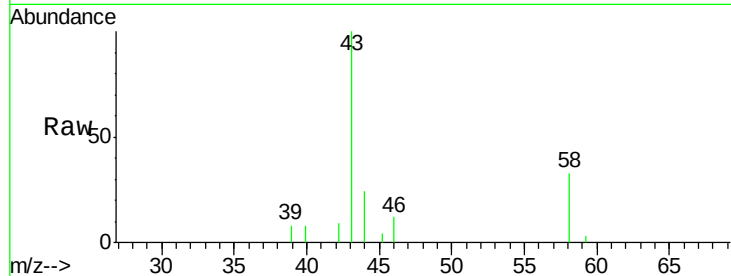
C0AF5

Tgt Ion: 43 Resp: 10078

Ion Ratio Lower Upper

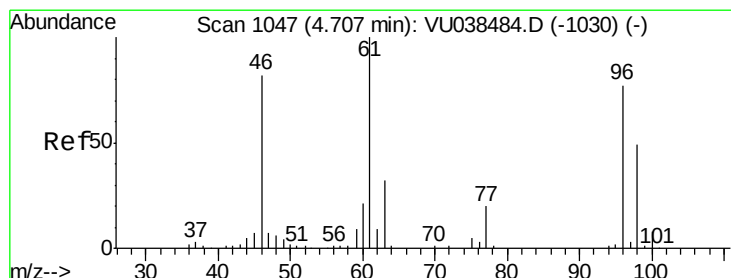
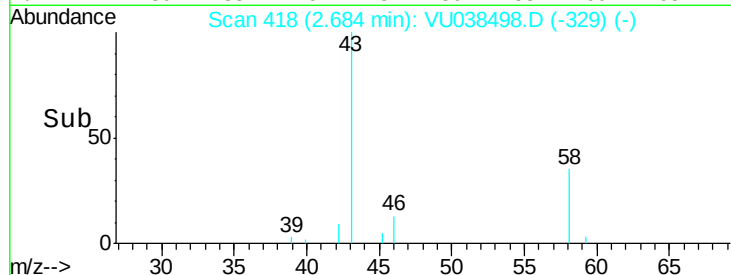
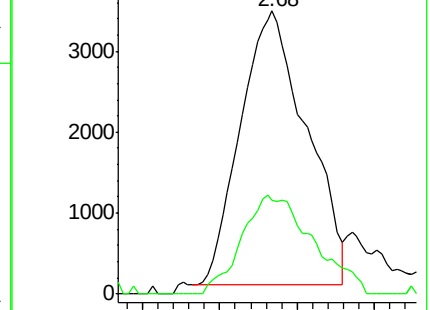
43 100

58 38.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038498.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VU038498.D (-329) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.62 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038498.D

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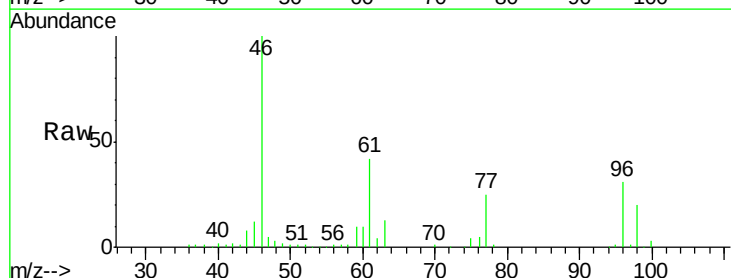
Tgt Ion: 96 Resp: 33361

Ion Ratio Lower Upper

96 100

61 135.0 94.0 174.6

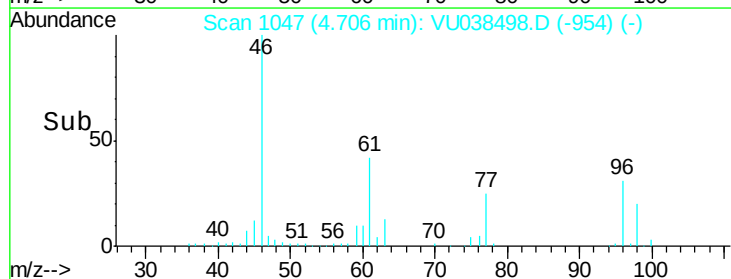
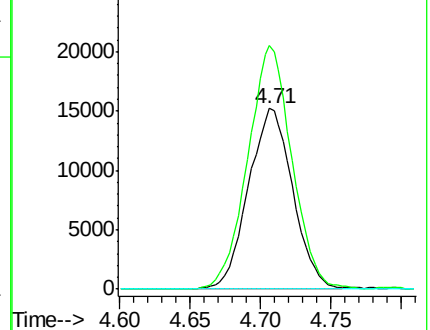
68 0.0 0.0 0.0

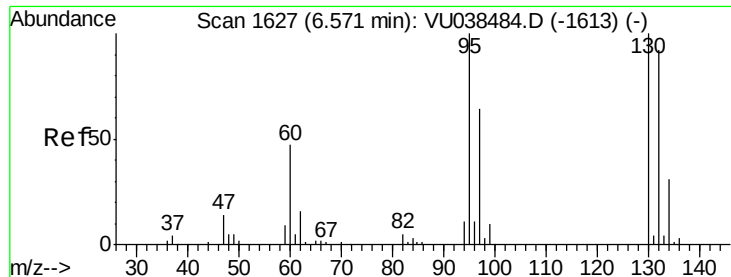


Abundance Ion 96.00 (95.70 to 96.70): VU038498.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038498.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038498.D (-954) (-)





#34

Trichloroethene

Concen: 0.12 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VU038498.D

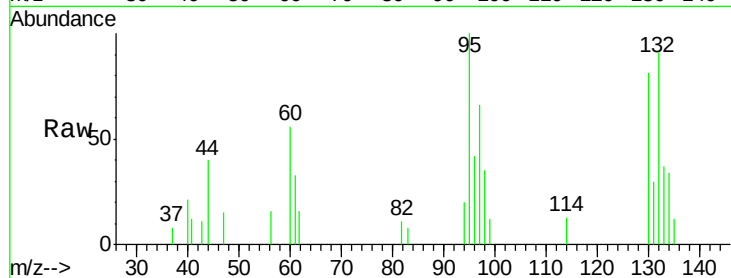
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Tgt Ion: 95 Resp: 2421

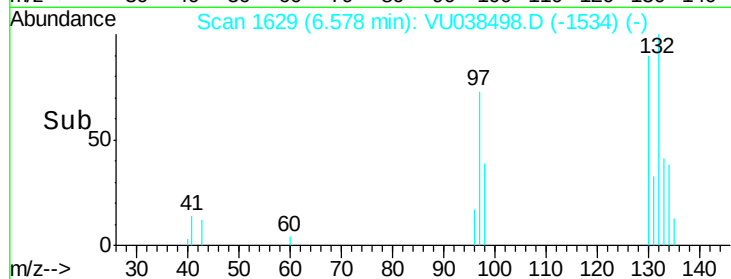
Ion Ratio Lower Upper

95 100

97 65.8 46.8 87.0

132 90.7 66.1 122.7

130 81.2 70.0 130.0



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

