

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038084.D
 Acq On : 08 May 2020 15:29
 Operator : JC/MD
 Sample : L2538-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9

Quant Time: May 09 01:55:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143875	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	127627	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	182837	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	379029	46.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	5.10	84	229773	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	134091	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.76	84	507752	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.72	67	164269	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	451095	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	57709	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.65	63	297017	44.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121463	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	157513	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

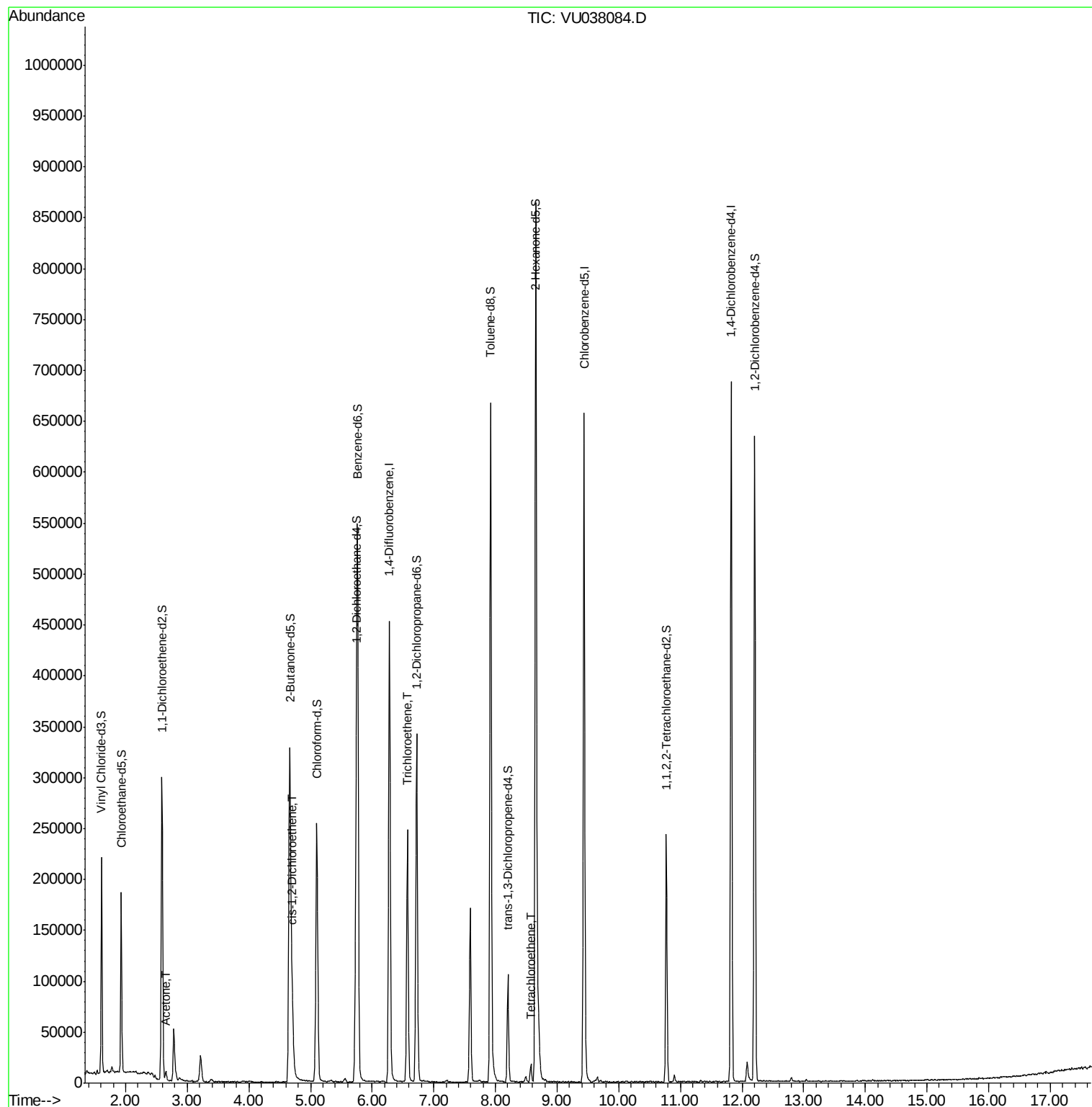
					Ovalue
13) Acetone	2.65	43	10650	2.063	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	27265	0.916	ug/L 96
34) Trichloroethene	6.57	95	83425	2.883	ug/L 98
47) Tetrachloroethene	8.57	164	4352	0.215	ug/L 92

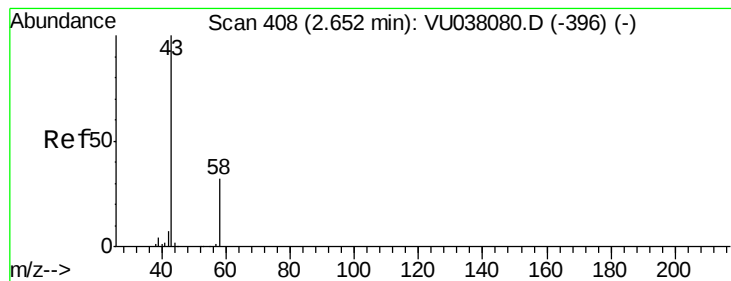
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.063 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038084.D

Acq: 08 May 2020 15:29

Instrument :

MSVOA_U

ClientSampleId :

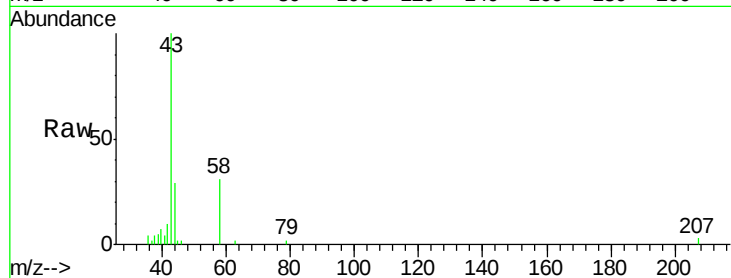
C0AE9

Tot Ion: 43 Resp: 10650

Ion Ratio Lower Upper

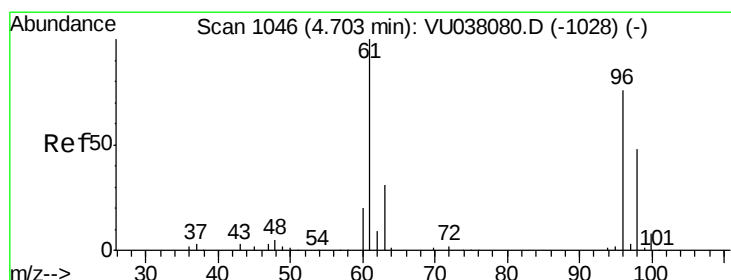
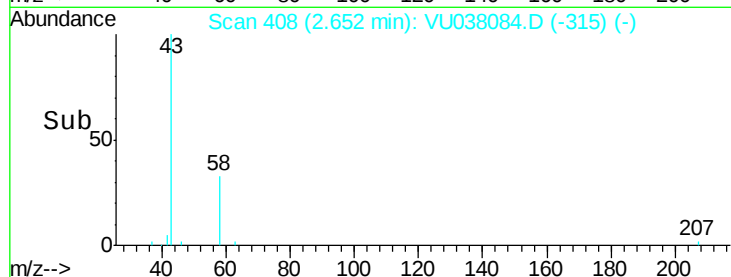
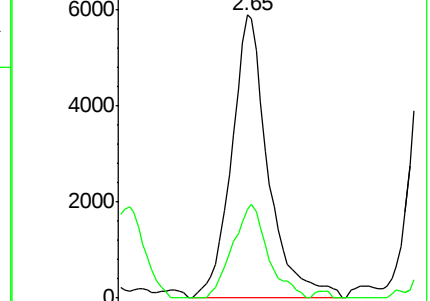
43 100

58 31.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038080.D (-396) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.916 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038084.D

Acq: 08 May 2020 15:29

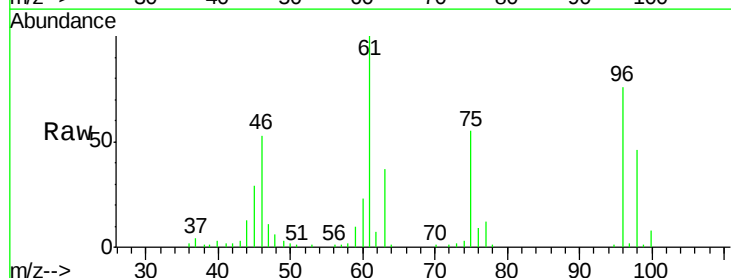
Tgt Ion: 96 Resp: 27265

Ion Ratio Lower Upper

96 100

61 131.3 95.3 176.9

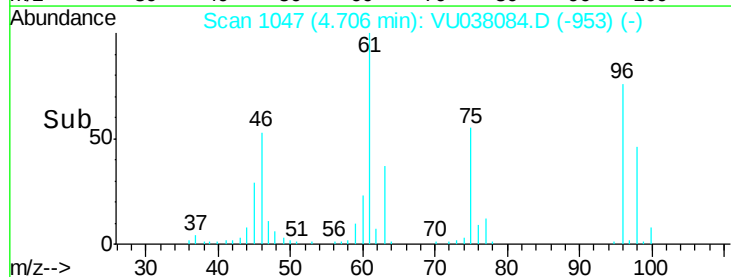
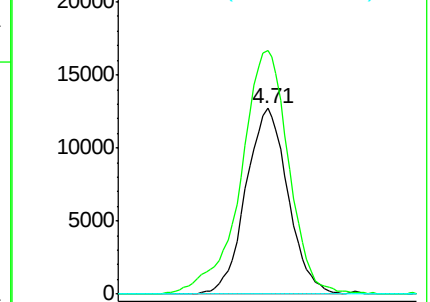
68 0.0 0.0 0.0

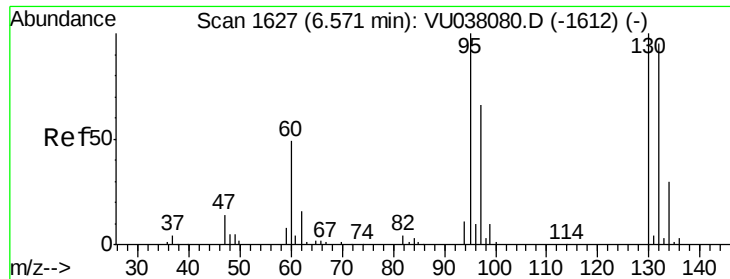


Abundance Ion 96.00 (95.70 to 96.70): VU038080.D (-1028) (-)

Ion 61.05 (60.75 to 61.75): VU038080.D (-1028) (-)

Ion 68.15 (67.85 to 68.85): VU038080.D (-1028) (-)





#34

Trichloroethene

Concen: 2.883 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038084.D

Acq: 08 May 2020 15:29

Instrument :

MSVOA_U

ClientSampleId :

C0AE9

Tot Ion: 95 Resp: 83425

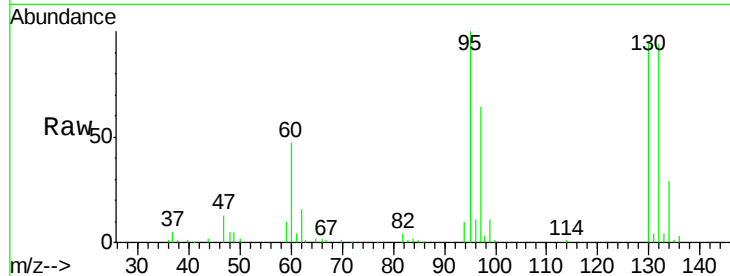
Ion Ratio Lower Upper

95 100

97 64.3 44.9 83.3

132 94.1 63.3 117.5

130 95.0 65.7 122.1

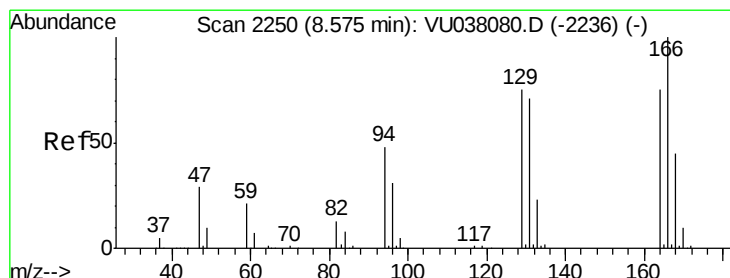
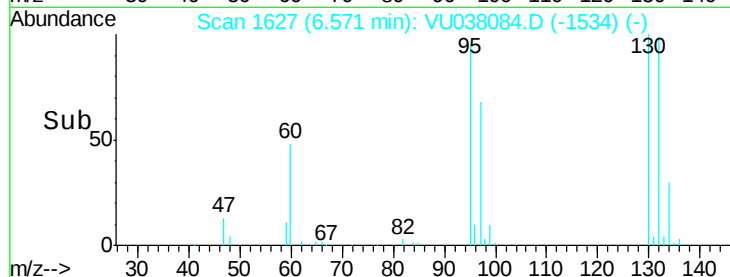
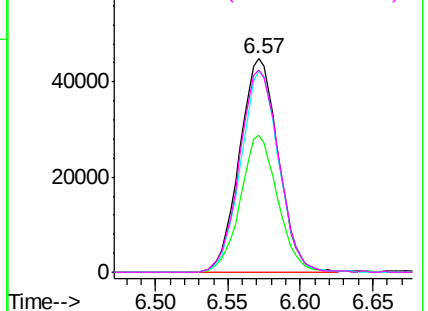


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 0.215 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038084.D

Acq: 08 May 2020 15:29

Tgt Ion: 164 Resp: 4352

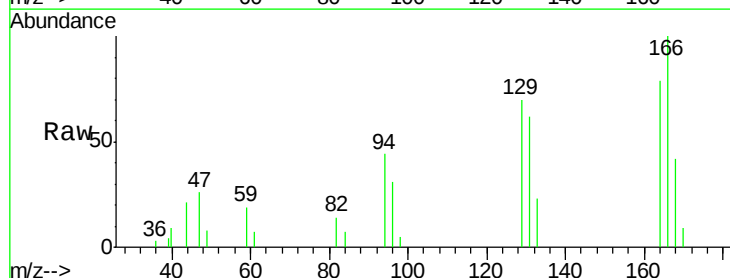
Ion Ratio Lower Upper

164 100

129 88.5 68.8 127.8

131 78.9 66.8 124.2

166 127.1 88.9 165.1



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

