

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038092.D
 Acq On : 08 May 2020 18:36
 Operator : JC/MD
 Sample : L2528-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSLO

Quant Time: May 11 10:29:54 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	349153	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	343466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134593	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	117828	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	167614	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	343101	43.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	5.10	84	198111	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.74	65	124625	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.76	84	472251	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	153447	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	422190	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	53606	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.65	63	277366	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113738	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	148312	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

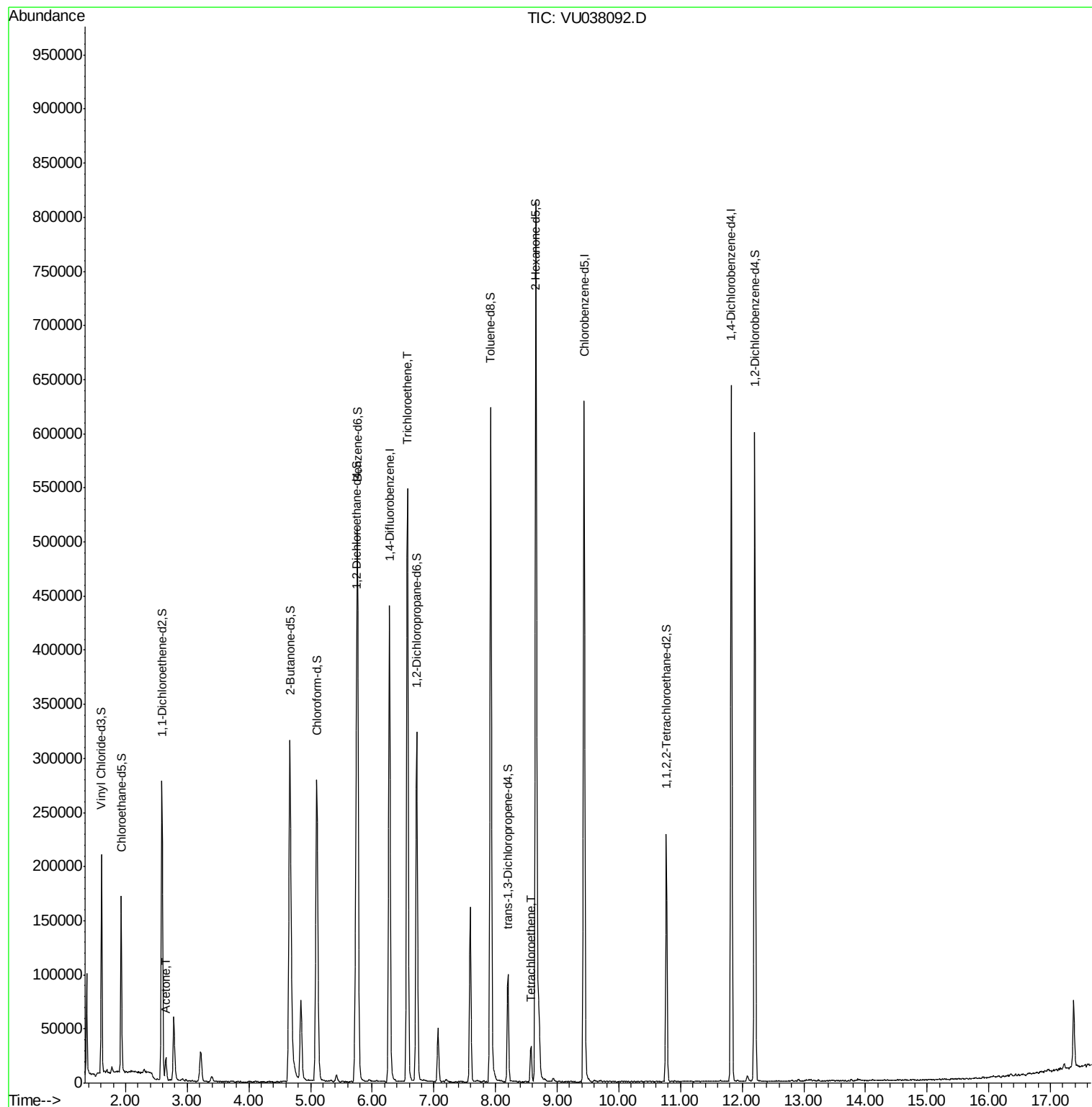
Target Compounds					Ovalue
13) Acetone	2.65	43	23381	4.729 ug/L	98
34) Trichloroethene	6.57	95	188128	6.839 ug/L	99
47) Tetrachloroethene	8.57	164	7719	0.401 ug/L	93

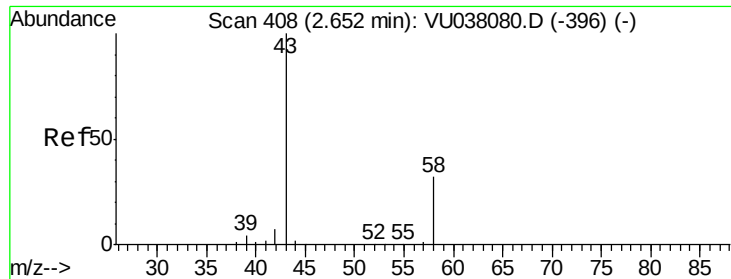
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.729 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

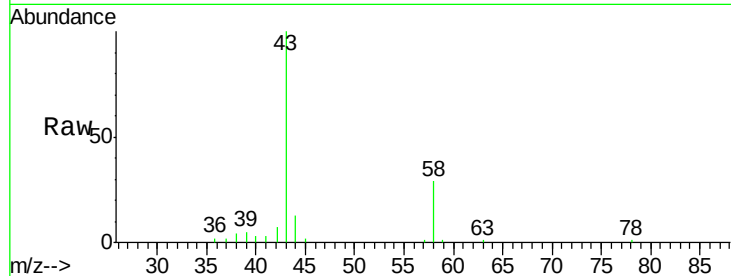
BFSLO

Tot Ion: 43 Resp: 23381

Ion Ratio Lower Upper

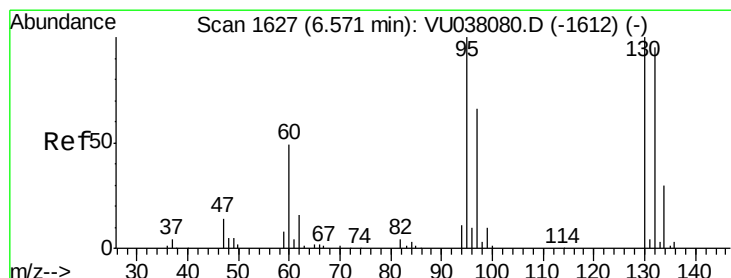
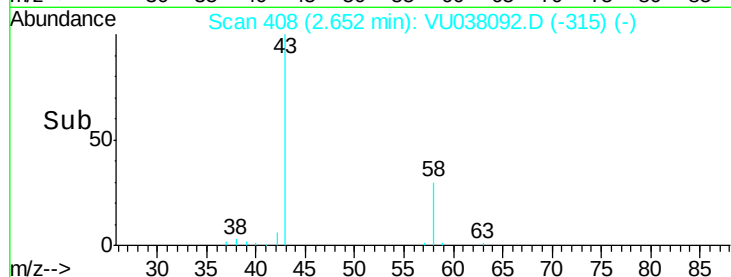
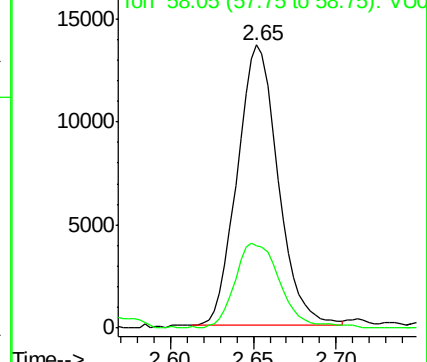
43 100

58 32.8 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) (-)



#34

Trichloroethene

Concen: 6.839 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038092.D

Acq: 08 May 2020 18:36

Tgt Ion: 95 Resp: 188128

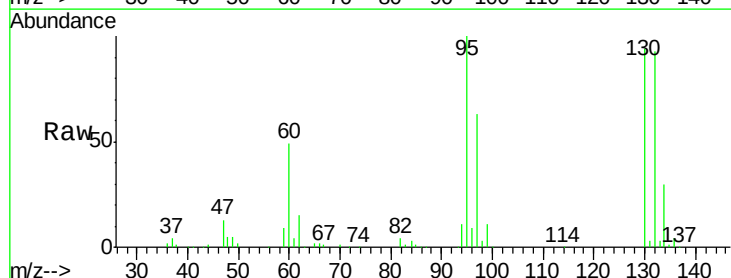
Ion Ratio Lower Upper

95 100

97 63.2 44.9 83.3

132 92.6 63.3 117.5

130 93.6 65.7 122.1

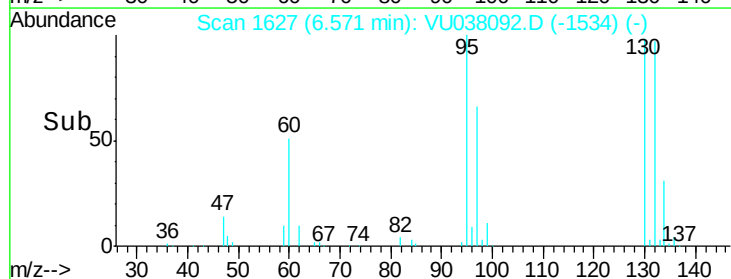
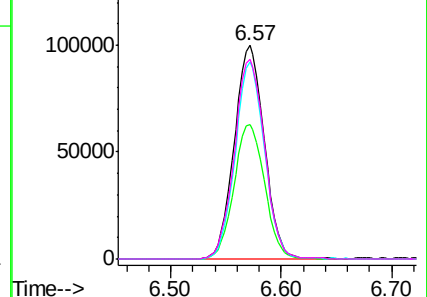


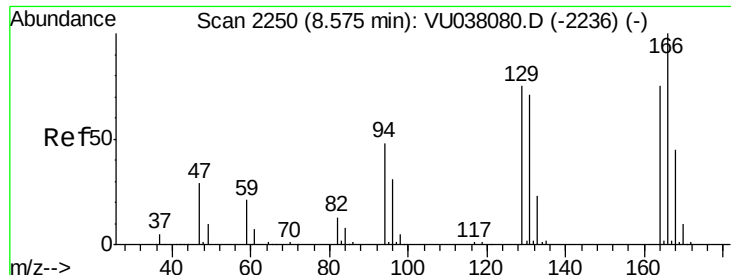
Abundance Ion 95.00 (94.70 to 95.70): VU038080.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038080.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038080.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038080.D (-1612) (-)





#47

Tetrachloroethene

Concen: 0.401 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

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ClientSampleId :

BFSL0

Tot Ion:164 Resp: 7719

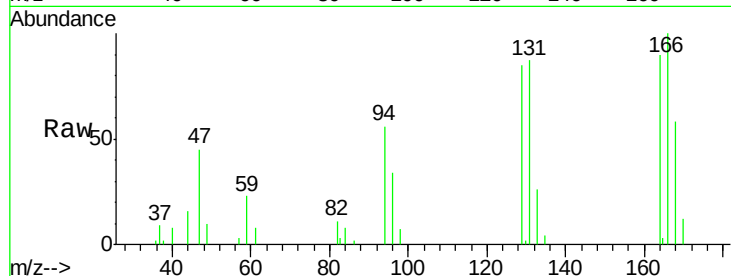
Ion Ratio Lower Upper

164 100

129 93.8 68.8 127.8

131 96.3 66.8 124.2

166 110.6 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

