

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040422.D
 Acq On : 01 Oct 2020 14:13
 Operator : SY/MD
 Sample : L4202-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB8

Quant Time: Oct 02 04:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131431	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26395	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	26985	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	44588	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.66	46	168206	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	5.08	84	72466	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	44447	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.75	84	124187	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	45674	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	96393	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	17496	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	114268	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46514	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46548	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

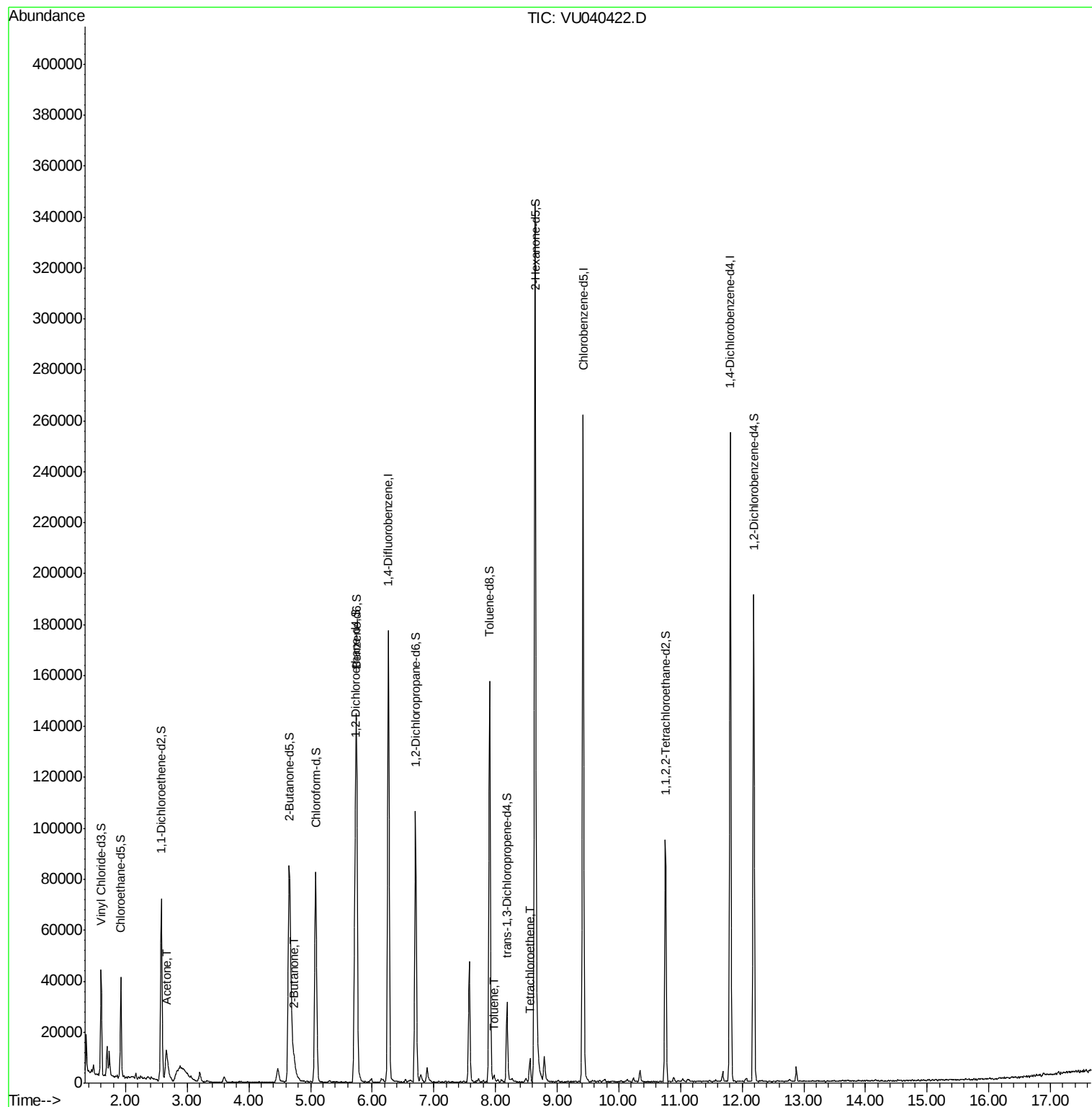
					Ovalue
13) Acetone	2.66	43	23876	8.865 ug/L	94
21) 2-Butanone	4.74	43	8349	1.931 ug/L	92
42) Toluene	7.98	91	1777	0.038 ug/L	91
47) Tetrachloroethene	8.56	164	1982	0.231 ug/L	85

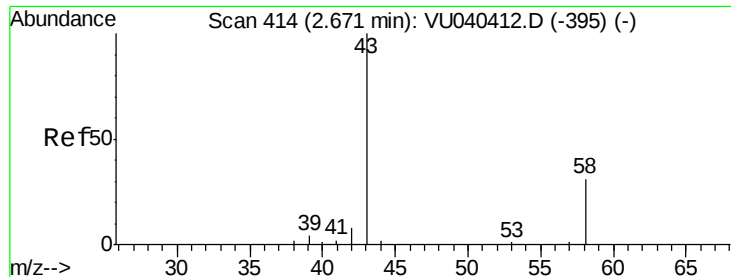
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.865 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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ClientSampleId :

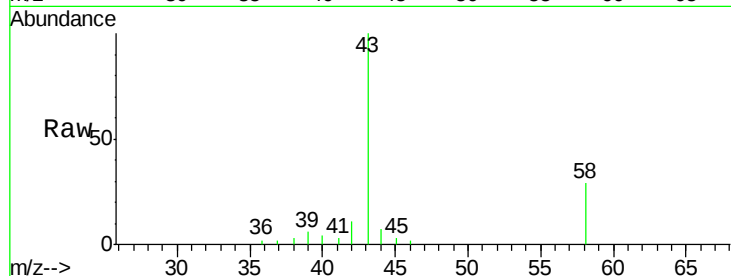
BFSB8

Tot Ion: 43 Resp: 23876

Ion Ratio Lower Upper

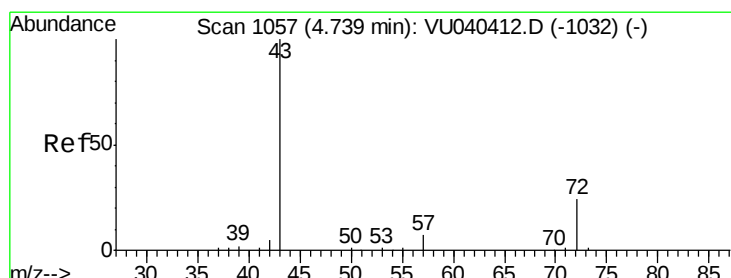
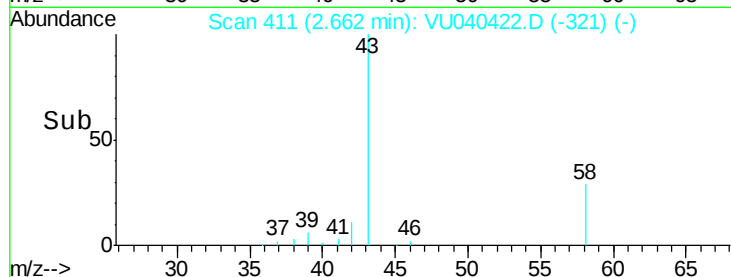
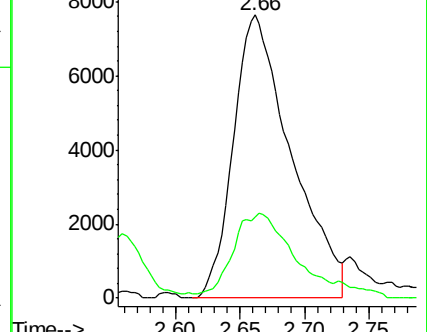
43 100

58 27.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.931 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

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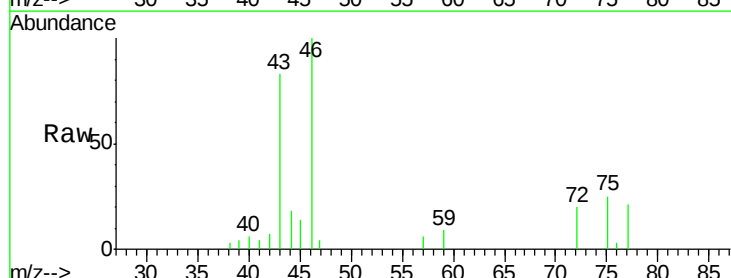
Acq: 01 Oct 2020 14:13

Tgt Ion: 43 Resp: 8349

Ion Ratio Lower Upper

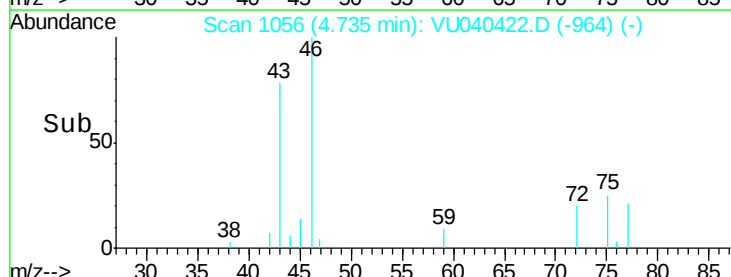
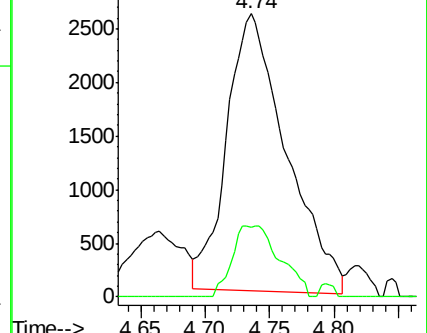
43 100

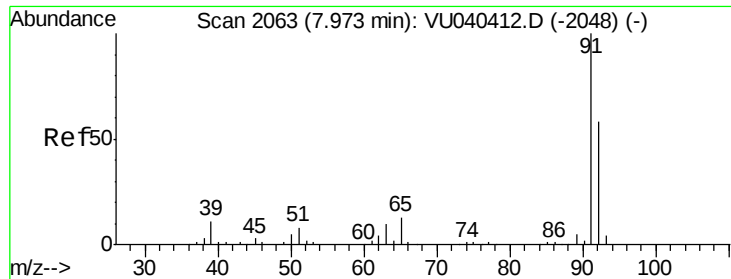
72 20.3 12.0 36.1



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#42

Toluene

Concen: 0.038 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

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ClientSampleId :

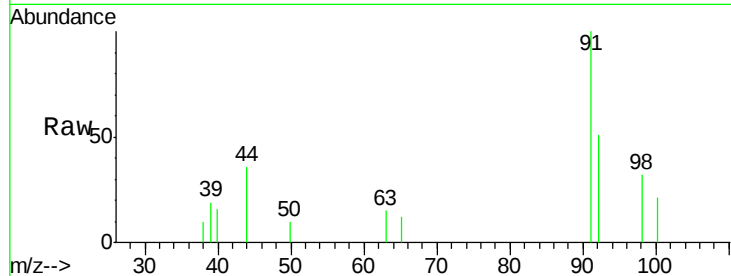
BFSB8

Tot Ion: 91 Resp: 1777

Ion Ratio Lower Upper

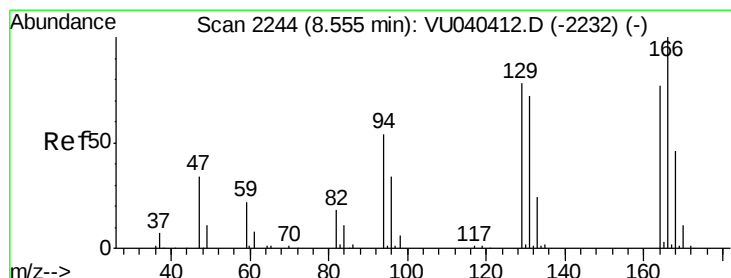
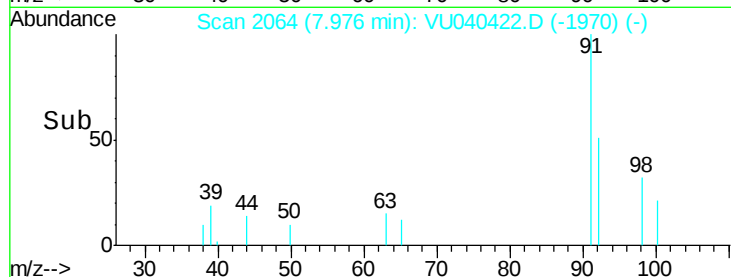
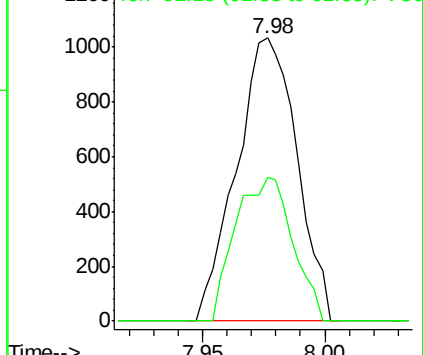
91 100

92 50.6 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#47

Tetrachloroethene

Concen: 0.231 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040422.D

Acq: 01 Oct 2020 14:13

Tgt Ion: 164 Resp: 1982

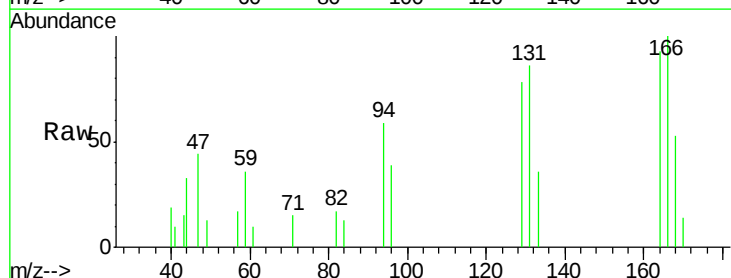
Ion Ratio Lower Upper

164 100

129 83.7 70.3 130.7

131 92.5 69.2 128.6

166 107.2 91.1 169.3



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

