

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040328.D
 Acq On : 28 Sep 2020 13:30
 Operator : SY/MD
 Sample : L4147-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB2

Quant Time: Sep 29 07:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 28 13:01:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138542	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36264	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	34997	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.58	63	59566	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.65	46	194136	64.17	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.34%
24) Chloroform-d	5.08	84	83675	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	55224	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	159930	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	55823	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.90	98	131898	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.18	79	22287	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	142720	61.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50116	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	55875	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

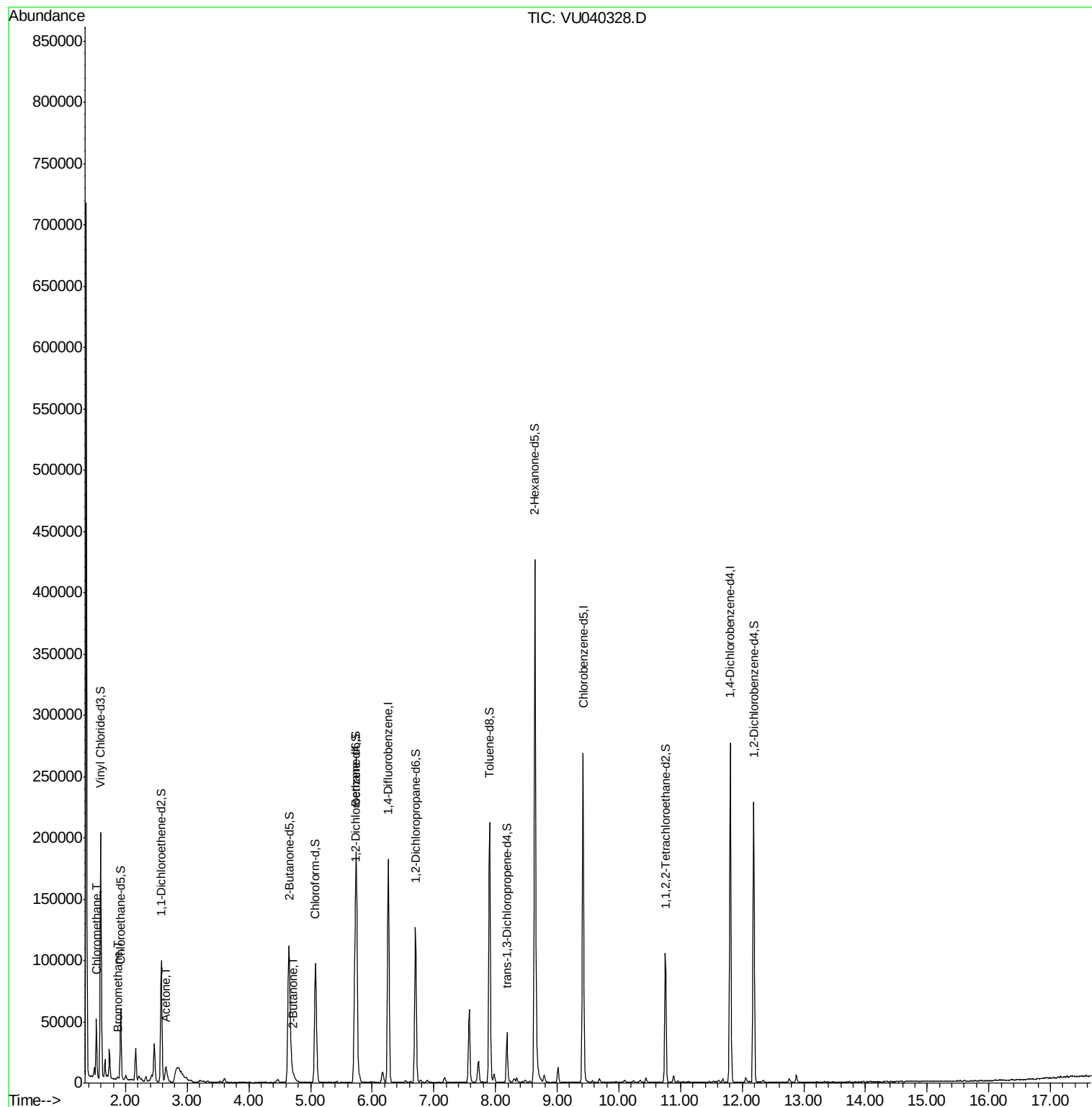
Target Compounds					Ovalue
3) Chloromethane	1.53	50	32705	2.485	ug/L 100
6) Bromomethane	1.87	94	718	0.105	ug/L 75
13) Acetone	2.65	43	21217	7.575	ug/L 97
21) 2-Butanone	4.73	43	3835	0.839	ug/L 83

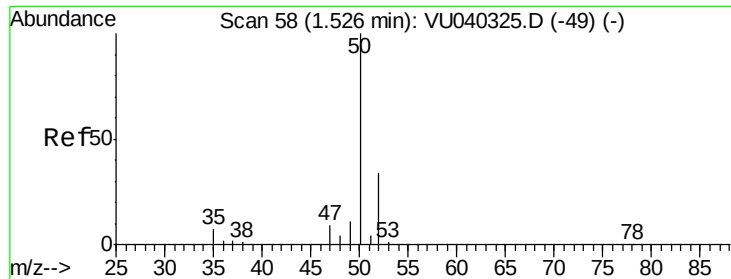
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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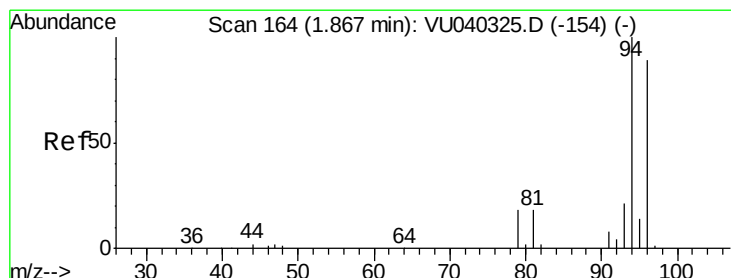
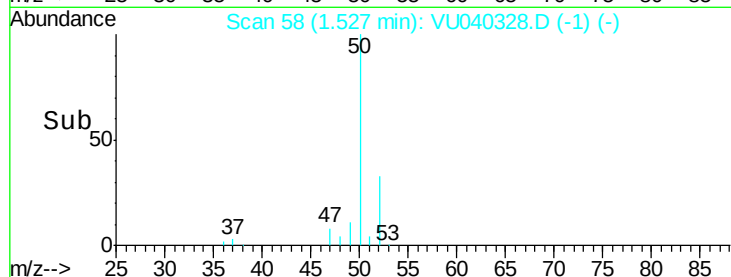
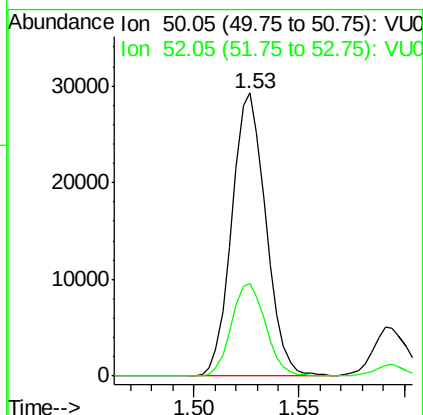
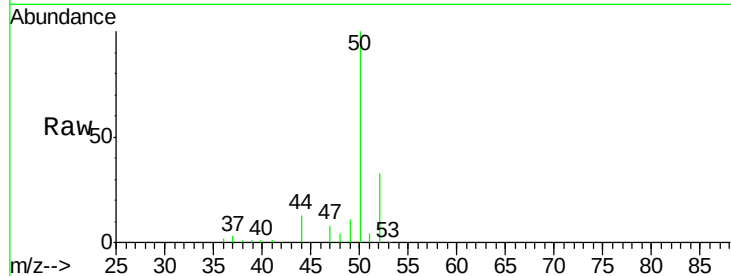




#3
Chloromethane
Concen: 2.485 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040328.D
Acq: 28 Sep 2020 13:30

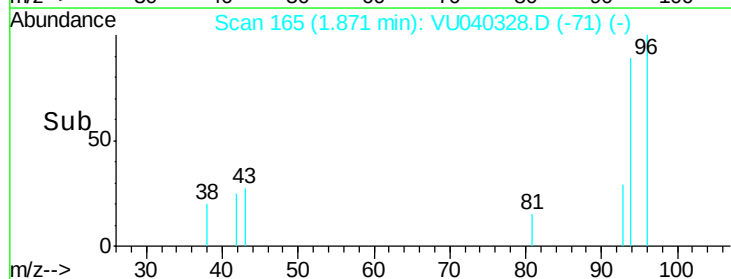
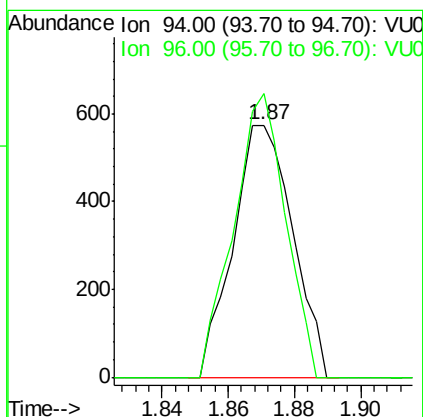
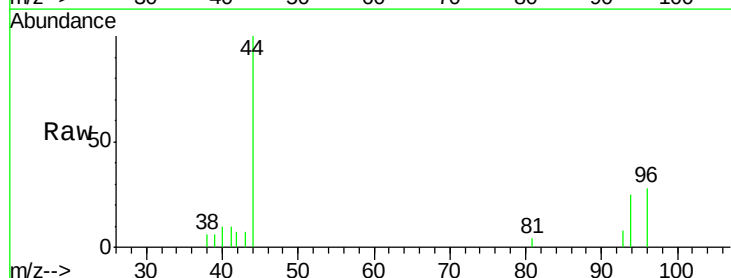
Instrument :
MSVOA_U
ClientSampleId :
BFSB2

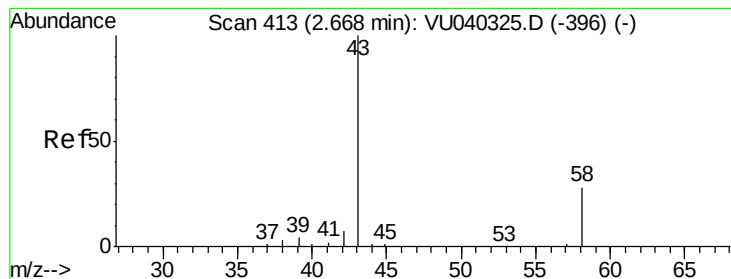
Tot Ion: 50 Resp: 32705
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4



#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU040328.D
Acq: 28 Sep 2020 13:30

Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 112.3 62.3 115.7





#13

Acetone

Concen: 7.575 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU040328.D

Acq: 28 Sep 2020 13:30

Instrument :

MSVOA_U

ClientSampleId :

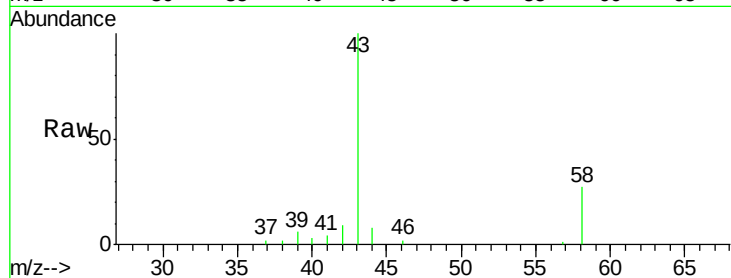
BFSB2

Tot Ion: 43 Resp: 21217

Ion Ratio Lower Upper

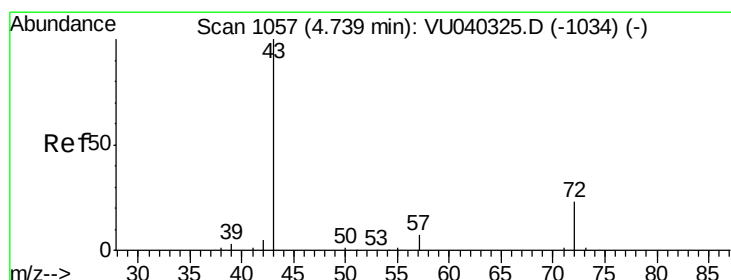
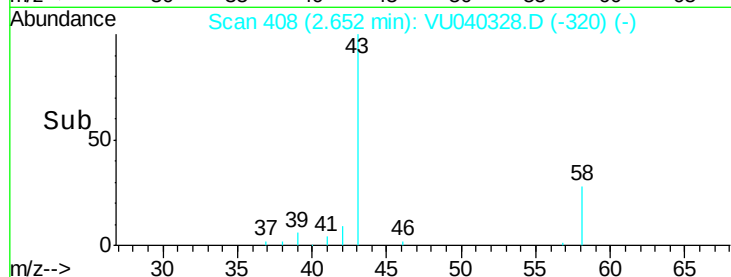
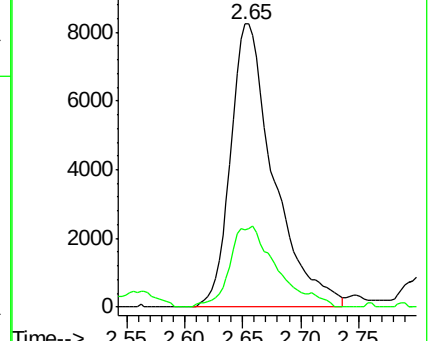
43 100

58 29.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 0.839 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VU040328.D

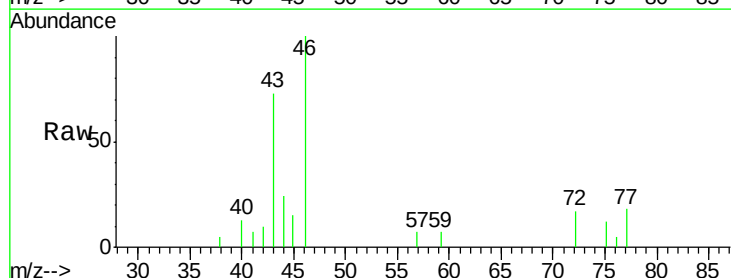
Acq: 28 Sep 2020 13:30

Tgt Ion: 43 Resp: 3835

Ion Ratio Lower Upper

43 100

72 15.1 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

