

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038053.D
 Acq On : 07 May 2020 20:51
 Operator : JC/MD
 Sample : L2527-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK3

Quant Time: May 08 04:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149377	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	125785	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	180940	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	317189	38.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.12%
24) Chloroform-d	5.10	84	195231	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.74	65	126593	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	494324	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	158200	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.92	98	440796	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	55040	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.65	63	280747	42.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113288	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	152065	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

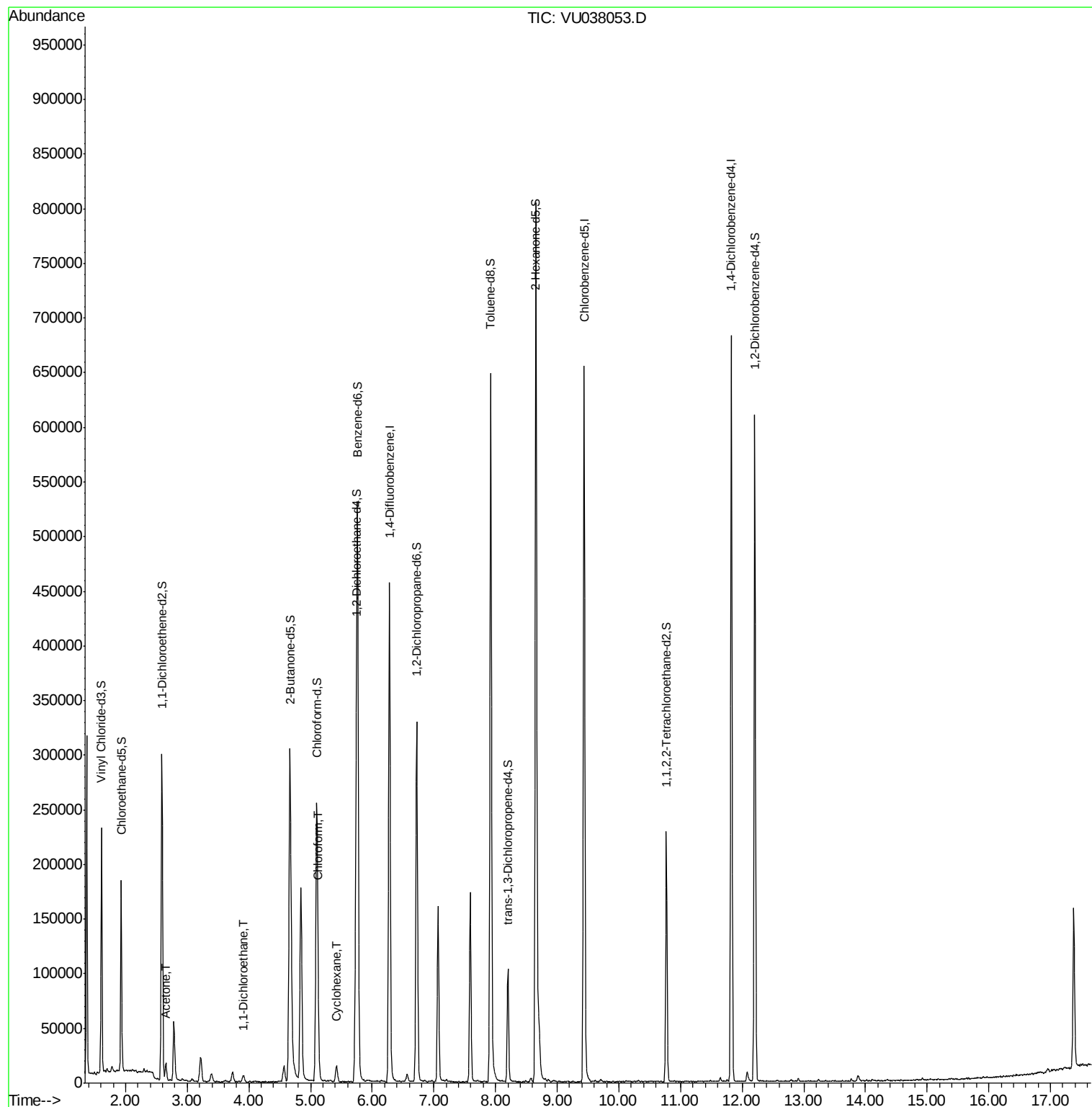
					Ovalue
13) Acetone	2.65	43	17916	3.472 ug/L	97
19) 1,1-Dichloroethane	3.91	63	7625	0.141 ug/L	94
25) Chloroform	5.13	83	25855	0.514 ug/L	98
30) Cyclohexane	5.42	56	7018	0.143 ug/L	91

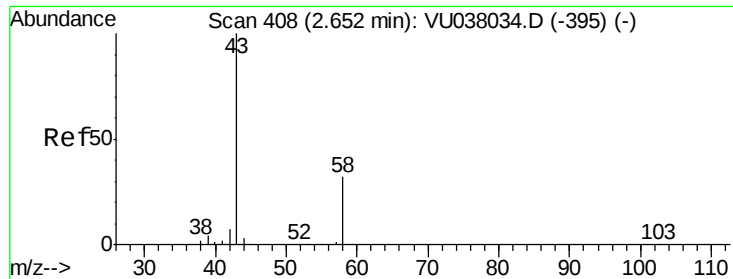
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.472 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038053.D

Acq: 07 May 2020 20:51

Instrument :

MSVOA_U

ClientSampled :

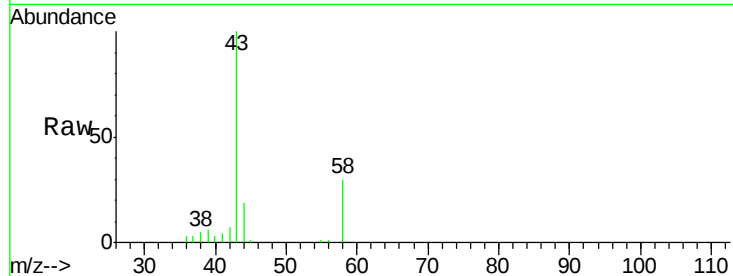
BFSK3

Tot Ion: 43 Resp: 17916

Ion Ratio Lower Upper

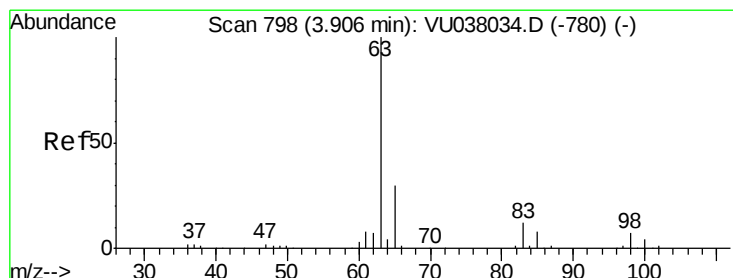
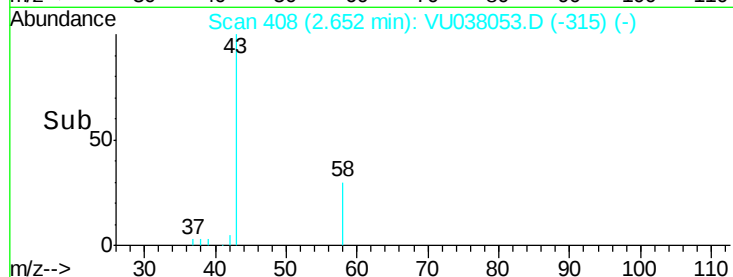
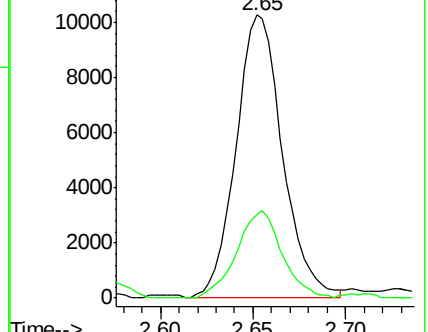
43 100

58 30.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038053.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038053.D (-315) (-)



#19

1,1-Dichloroethane

Concen: 0.141 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU038053.D

Acq: 07 May 2020 20:51

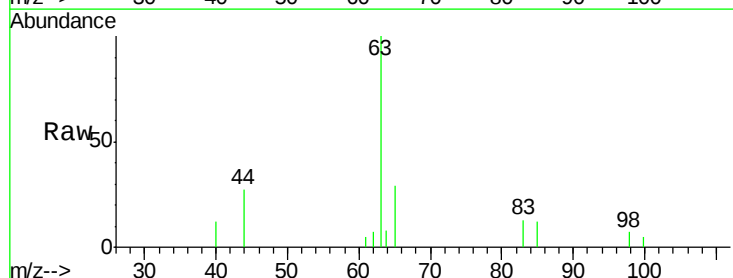
Tgt Ion: 63 Resp: 7625

Ion Ratio Lower Upper

63 100

65 27.4 22.5 41.7

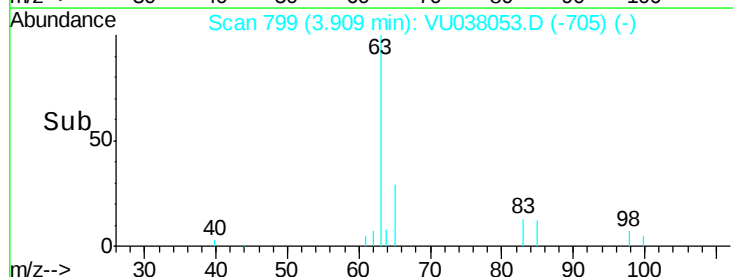
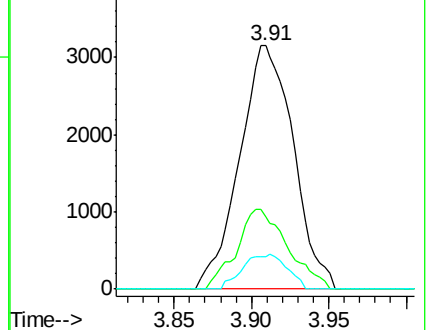
83 12.3 8.9 16.5

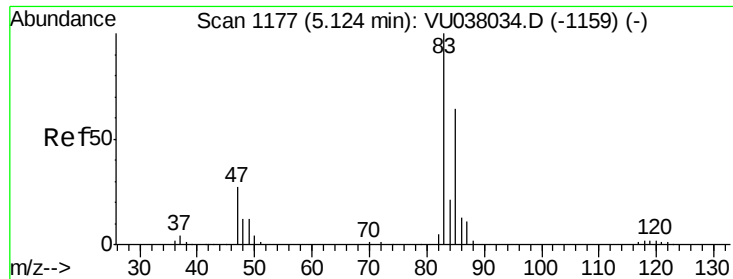


Abundance Ion 63.10 (62.80 to 63.80): VU038053.D (-705) (-)

Ion 65.10 (64.80 to 65.80): VU038053.D (-705) (-)

Ion 83.05 (82.75 to 83.75): VU038053.D (-705) (-)

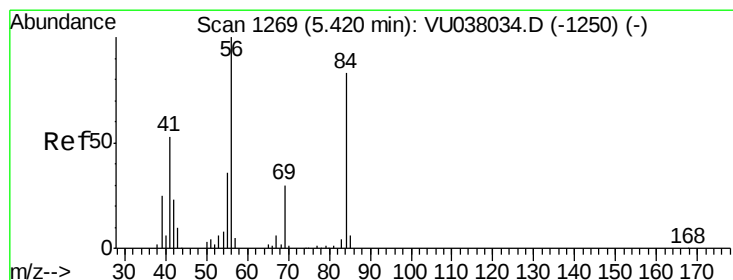
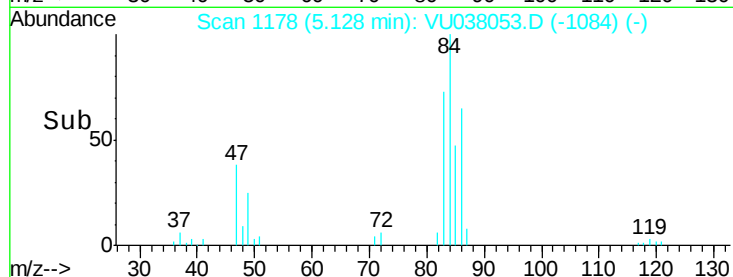
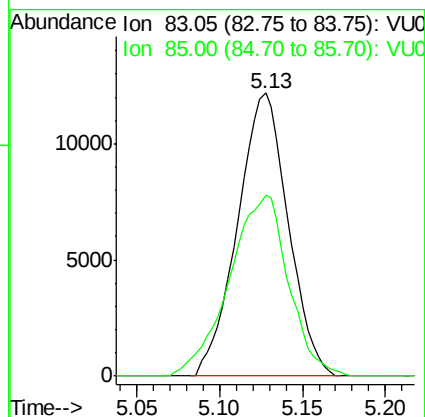
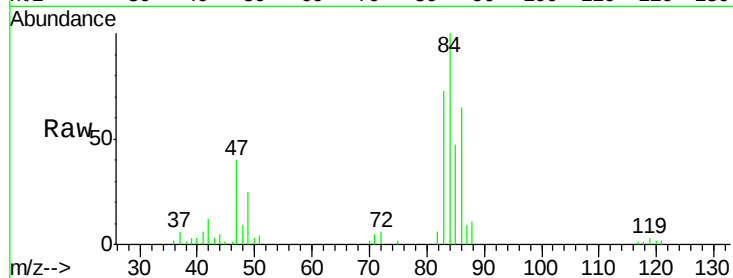




#25
Chloroform
Concen: 0.514 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 25855
Ion Ratio Lower Upper
83 100
85 64.1 46.2 85.8



#30
Cyclohexane
Concen: 0.143 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038053.D
Acq: 07 May 2020 20:51

Tgt Ion: 56 Resp: 7018
Ion Ratio Lower Upper
56 100
69 32.6 24.2 36.4
84 95.5 68.5 102.7

