

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037662.D
 Acq On : 10 Apr 2020 10:22
 Operator : JC/MD
 Sample : L2189-02 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS80

Quant Time: Apr 11 00:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	552207	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	518532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	248775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189412	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.48%
7) Chloroethane-d5	1.93	69	155312	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.62%
11) 1,1-Dichloroethene-d2	2.59	63	243317	30.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.86%
21) 2-Butanone-d5	4.66	46	351408	89.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.85%
24) Chloroform-d	5.10	84	297928	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
26) 1,2-Dichloroethane-d4	5.74	65	215314	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
32) Benzene-d6	5.76	84	647241	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
36) 1,2-Dichloropropane-d6	6.72	67	219566	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.48%
41) Toluene-d8	7.92	98	585779	41.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.82%
43) trans-1,3-Dichloropropene-	8.20	79	114912	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.72%
47) 2-Hexanone-d5	8.65	63	251356	86.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	301920	42.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.18%
64) 1,2-Dichlorobenzene-d4	12.20	152	211936	40.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.88%

Target Compounds

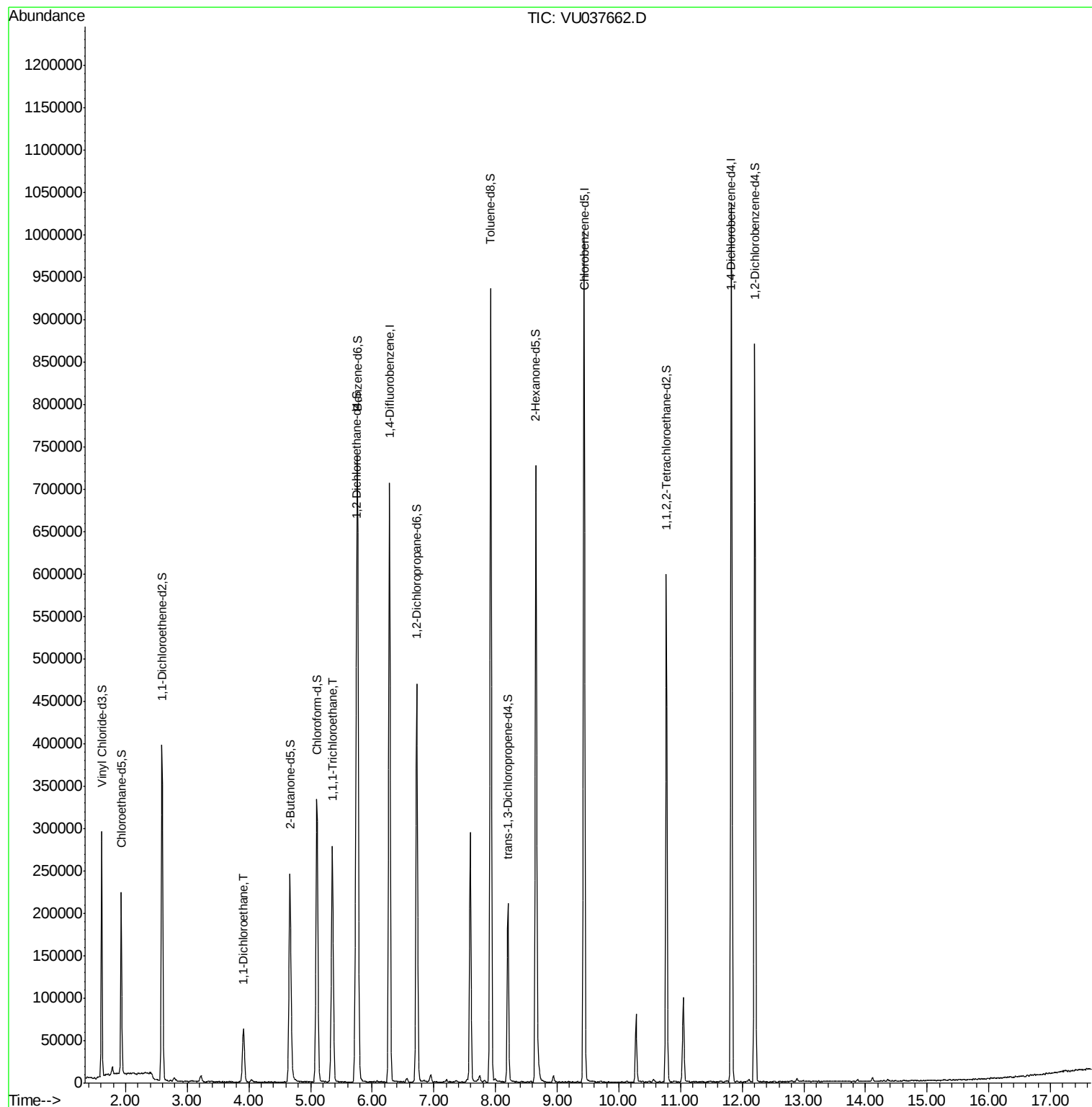
					Ovalue
19) 1,1-Dichloroethane	3.91	63	74775	10.071	ug/L 100
30) 1,1,1-Trichloroethane	5.35	97	200736	34.154	ug/L 99

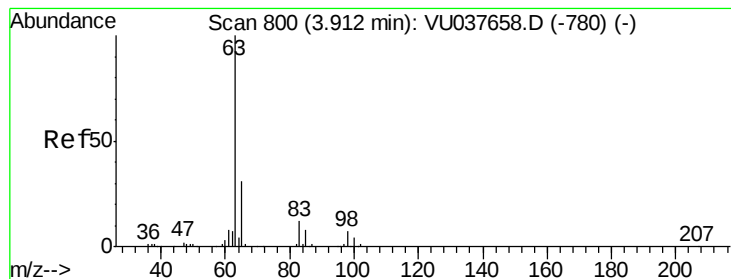
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 10.071 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

BFS80

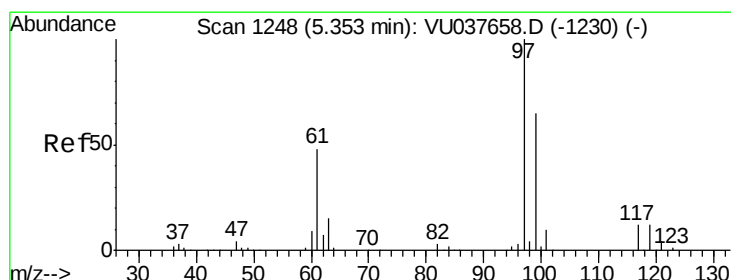
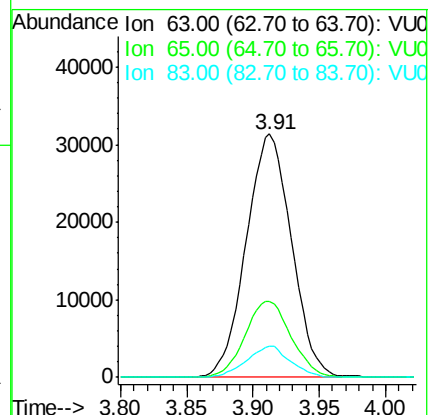
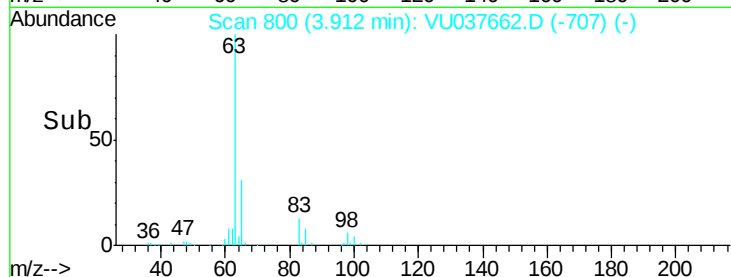
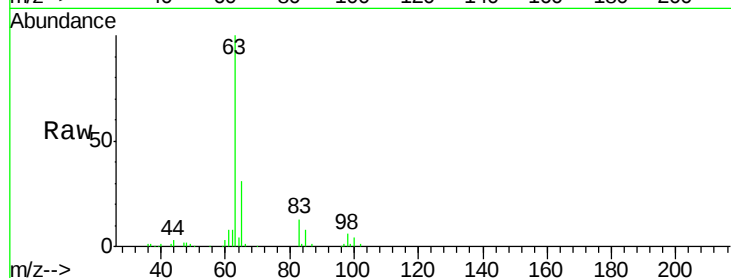
Tot Ion: 63 Resp: 74775

Ion Ratio Lower Upper

63 100

65 31.4 21.9 40.7

83 12.8 9.0 16.6



#30

1,1,1-Trichloroethane

Concen: 34.154 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

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Acq: 10 Apr 2020 10:22

Tgt Ion: 97 Resp: 200736

Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 47.3 37.1 55.7

