

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037661.D
 Acq On : 10 Apr 2020 09:59
 Operator : JC/MD
 Sample : L2189-01 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS79

Quant Time: Apr 10 23:58:08 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	497802	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	478875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196271	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	164188	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.38%
11) 1,1-Dichloroethene-d2	2.59	63	252354	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
21) 2-Butanone-d5	4.66	46	348052	98.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.71%
24) Chloroform-d	5.10	84	314068	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.74	65	224973	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.76	84	682625	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.72	67	230082	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.12%
41) Toluene-d8	7.92	98	611657	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	8.20	79	118706	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.64%
47) 2-Hexanone-d5	8.66	63	254751	94.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316861	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	226952	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

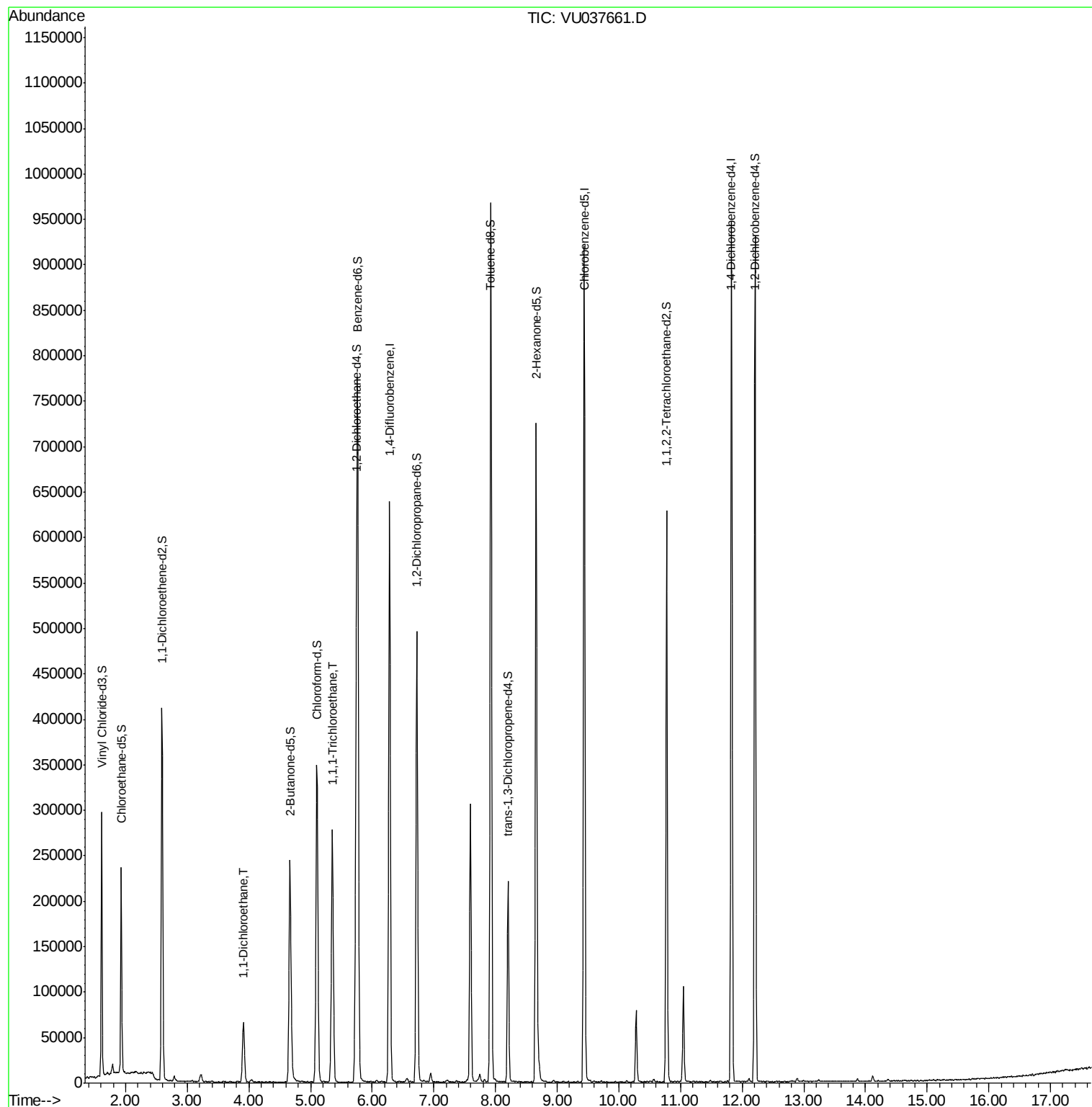
					Ovalue
19) 1,1-Dichloroethane	3.91	63	76360	11.409 ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	199465	36.748 ug/L	99

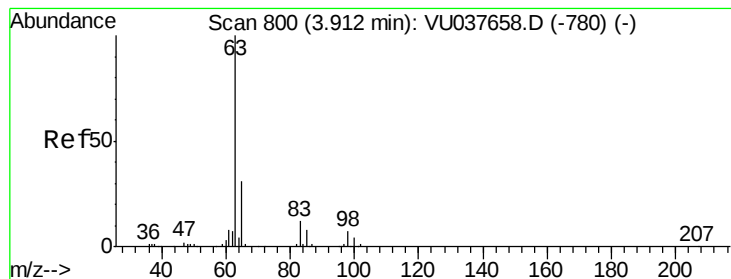
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 11.409 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

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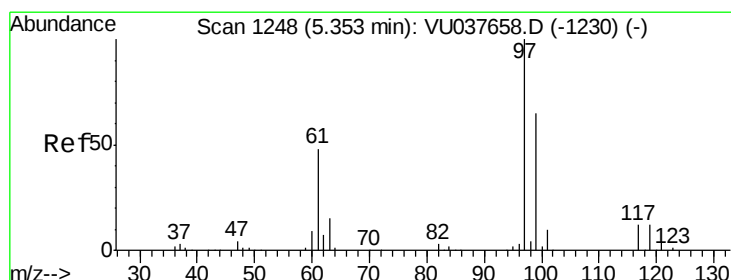
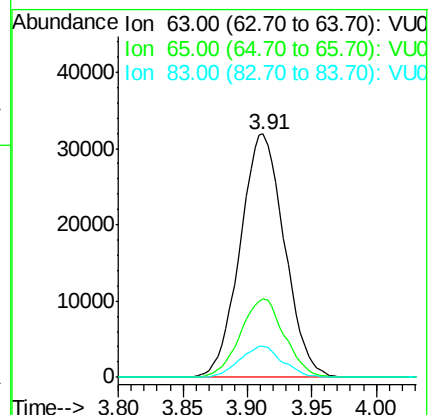
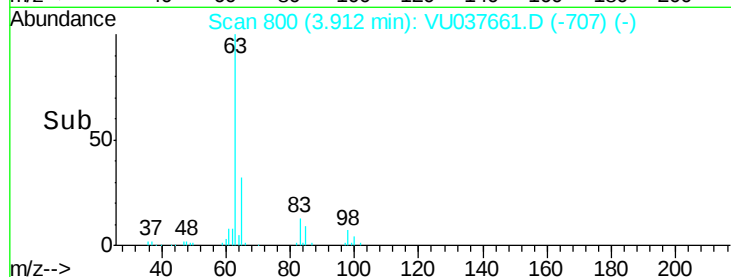
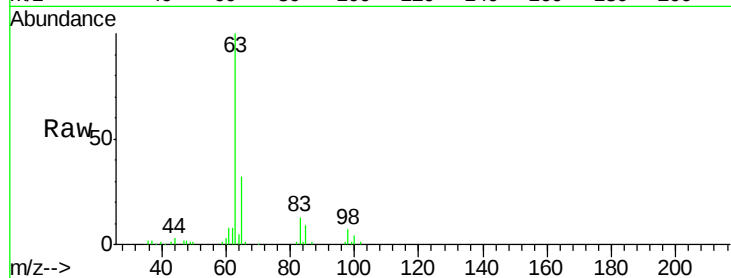
Tot Ion: 63 Resp: 76360

Ion Ratio Lower Upper

63 100

65 32.3 21.9 40.7

83 12.9 9.0 16.6



#30

1,1,1-Trichloroethane

Concen: 36.748 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

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Acq: 10 Apr 2020 09:59

Tgt Ion: 97 Resp: 199465

Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

61 48.3 37.1 55.7

