

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037670.D
 Acq On : 10 Apr 2020 14:08
 Operator : JC/MD
 Sample : L2189-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS80

Quant Time: Apr 11 00:56:38 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	512337	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	496413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	250479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	173817	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.62%
7) Chloroethane-d5	1.90	69	152465	42.12	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.58	63	240537	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.66	46	366839	101.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.09%
24) Chloroform-d	5.10	84	314631	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
26) 1,2-Dichloroethane-d4	5.74	65	229764	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.76	84	676521	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
36) 1,2-Dichloropropane-d6	6.72	67	233231	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.92	98	613175	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	8.20	79	121423	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.65	63	299256	107.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	357659	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	12.20	152	241775	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%

Target Compounds

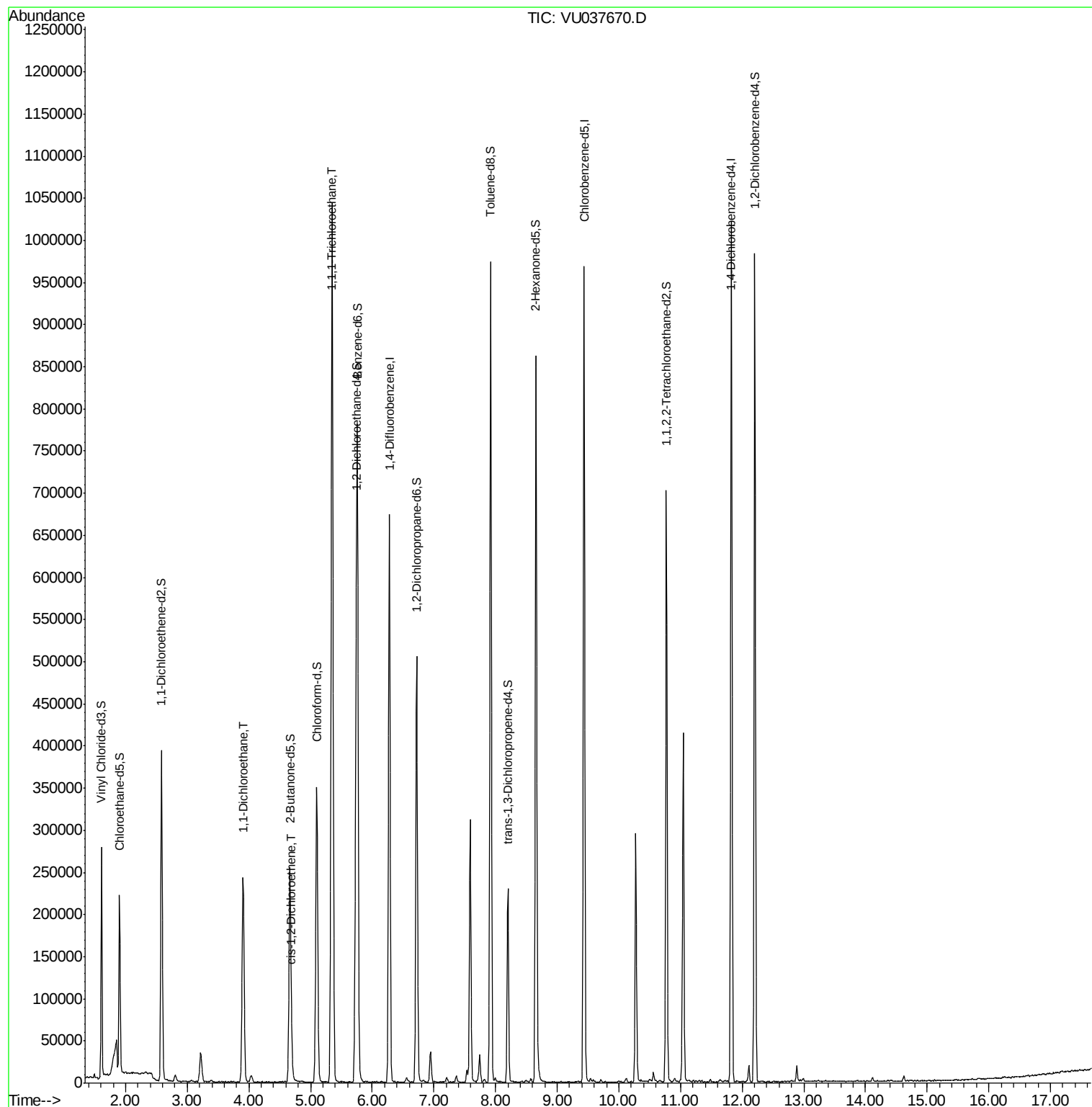
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.91	63	286751	41.628	ug/L	100
20) cis-1,2-Dichloroethene	4.70	96	3334	0.863	ug/L	94
30) 1,1,1-Trichloroethane	5.35	97	749750	133.249	ug/L	99

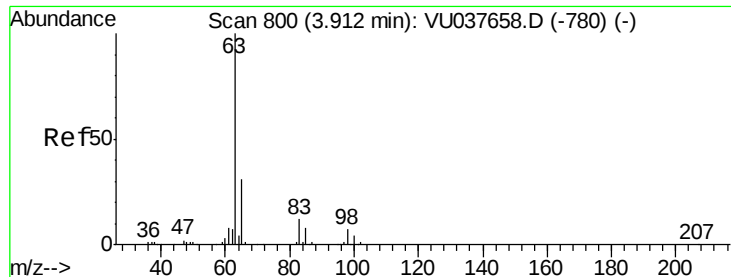
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037670.D
Acq On : 10 Apr 2020 14:08
Operator : JC/MD
Sample : L2189-02 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFS80

Quant Time: Apr 11 00:56:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 41.628 ug/L

RT: 3.91 min Scan# 798

Delta R.T. -0.01 min

Lab File: VU037670.D

Acq: 10 Apr 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

BFS80

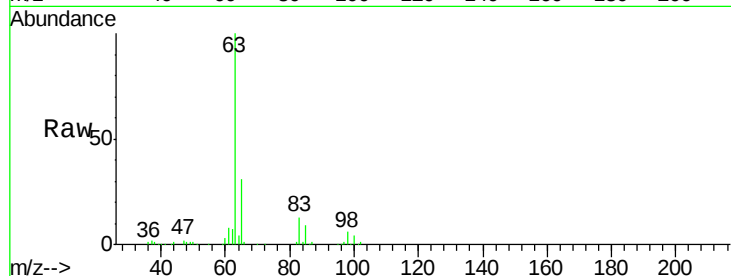
Tot Ion: 63 Resp: 286751

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

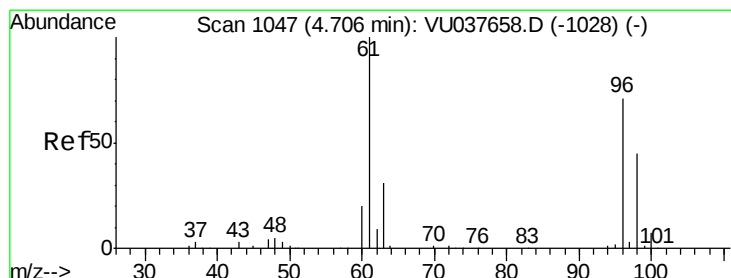
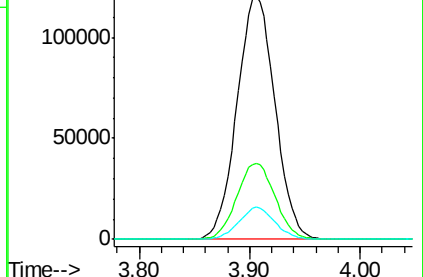
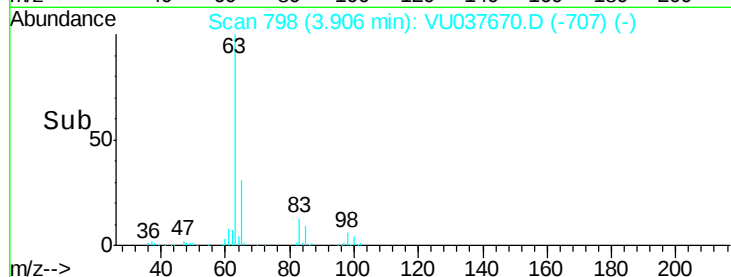
83 13.1 9.0 16.6



Abundance Ion 63.00 (62.70 to 63.70): VU037670.D (-798) (-)

Ion 65.00 (64.70 to 65.70): VU037670.D (-798) (-)

Ion 83.00 (82.70 to 83.70): VU037670.D (-798) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.863 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU037670.D

Acq: 10 Apr 2020 14:08

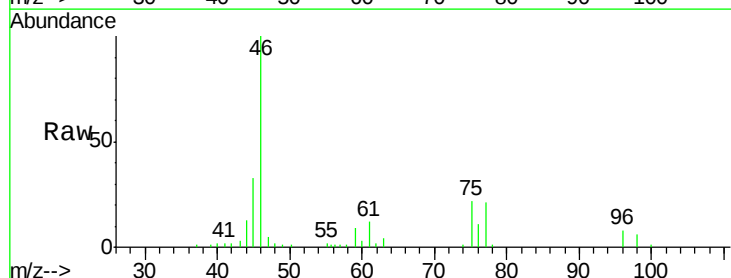
Tgt Ion: 96 Resp: 3334

Ion Ratio Lower Upper

96 100

61 146.2 97.5 181.1

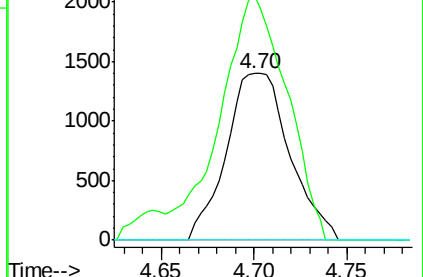
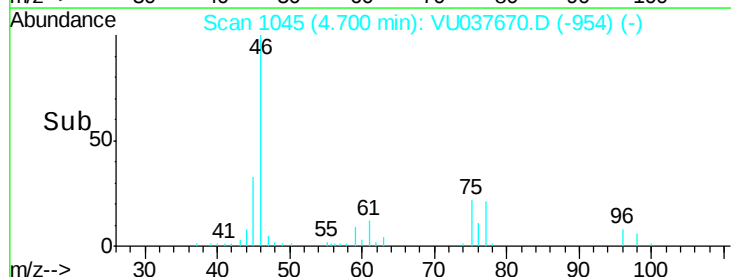
68 0.0 0.0 0.0

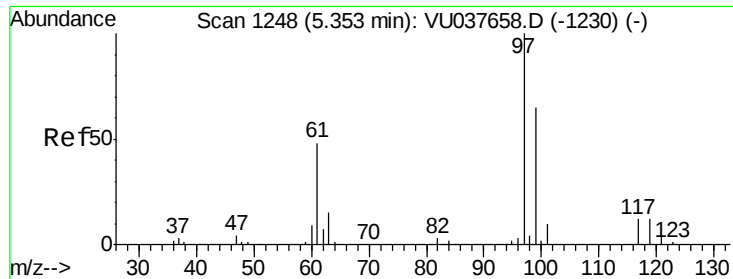


Abundance Ion 96.00 (95.70 to 96.70): VU037670.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037670.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037670.D (-954) (-)





#30

1,1,1-Trichloroethane

Concen: 133.249 ug/L

RT: 5.35 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VU037670.D

Acq: 10 Apr 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

BFS80

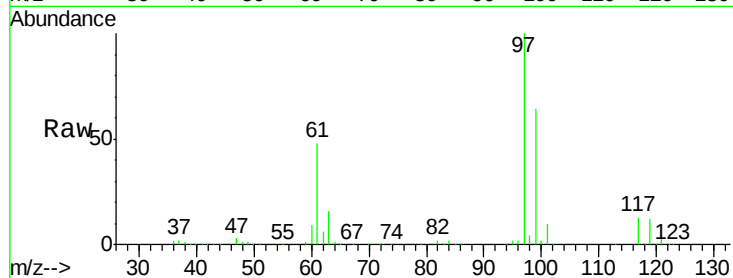
Tot Ion: 97 Resp: 749750

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 47.7 37.1 55.7



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

