

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037203.D
 Acq On : 12 Mar 2020 20:47
 Operator : JC/MD
 Sample : L1901-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NC9

Quant Time: Mar 13 08:27:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139445	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.48%
7) Chloroethane-d5	1.93	69	118864	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.08%
11) 1,1-Dichloroethene-d2	2.59	63	222575	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.82%
21) 2-Butanone-d5	4.67	46	265146	117.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.12%
24) Chloroform-d	5.10	84	285041	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	5.74	65	215470	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.04%
32) Benzene-d6	5.76	84	522713	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
36) 1,2-Dichloropropane-d6	6.72	67	174696	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.92	98	484643	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloropropene-	8.20	79	87521	49.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.74%
47) 2-Hexanone-d5	8.66	63	182294	108.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	256011	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	12.21	152	177631	57.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.08%

Target Compounds

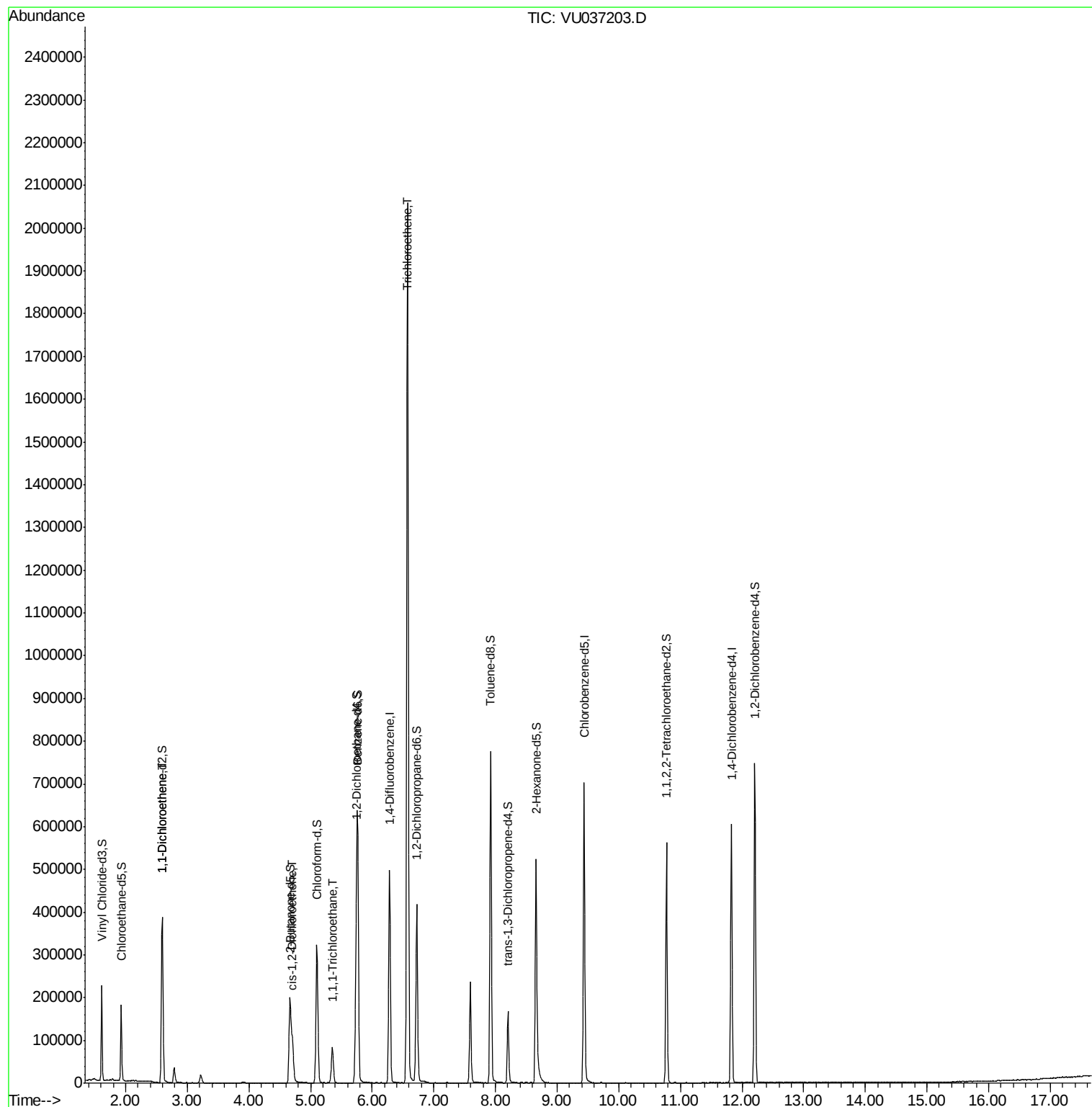
					Ovalue
12) 1,1-Dichloroethene	2.60	96	37461	17.173 ug/L	# 32
20) cis-1,2-Dichloroethene	4.71	96	41242	14.919 ug/L	96
30) 1,1,1-Trichloroethane	5.35	97	60342	12.577 ug/L	98
34) Trichloroethene	6.57	95	678767	245.169 ug/L	99

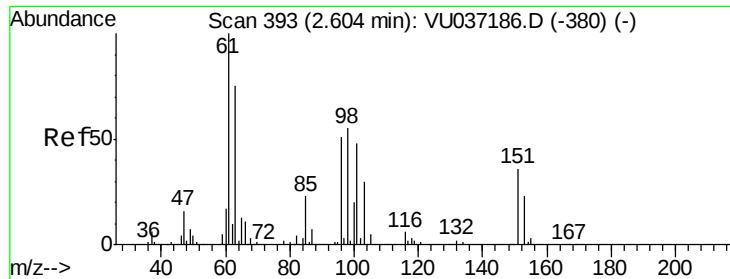
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031220\
Data File : VU037203.D
Acq On : 12 Mar 2020 20:47
Operator : JC/MD
Sample : L1901-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0NC9

Quant Time: Mar 13 08:27:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 13 07:30:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 17.173 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037203.D

Acq: 12 Mar 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

C0NC9

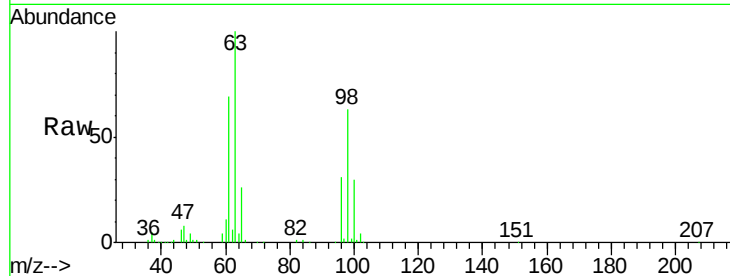
Tot Ion: 96 Resp: 37461

Ion Ratio Lower Upper

96 100

61 224.4 138.8 257.8

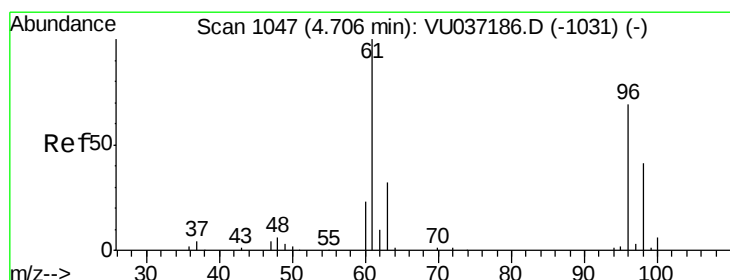
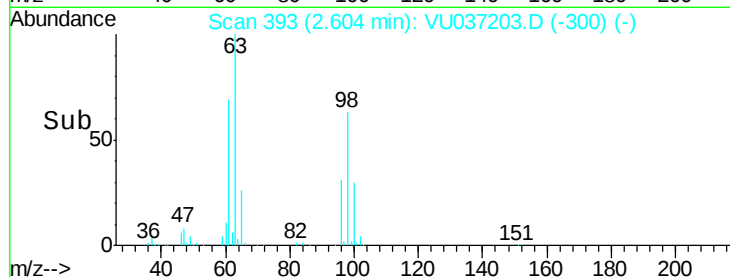
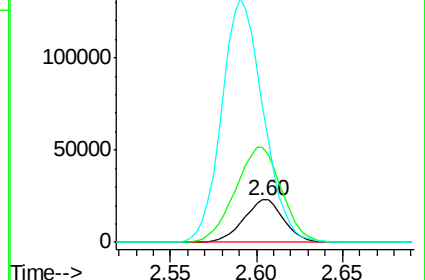
63 323.6 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VU037186.D (-380) (-)

Ion 61.00 (60.70 to 61.70): VU037186.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU037186.D (-380) (-)



#20

cis-1,2-Dichloroethene

Concen: 14.919 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037203.D

Acq: 12 Mar 2020 20:47

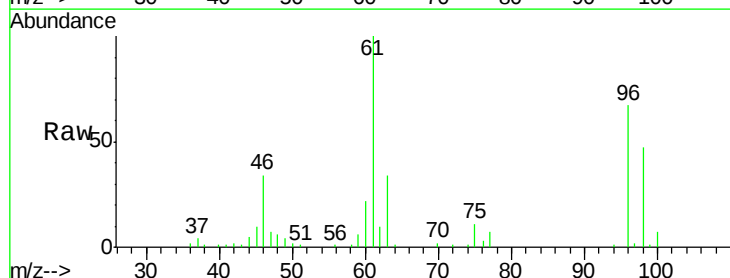
Tgt Ion: 96 Resp: 41242

Ion Ratio Lower Upper

96 100

61 149.6 101.2 187.8

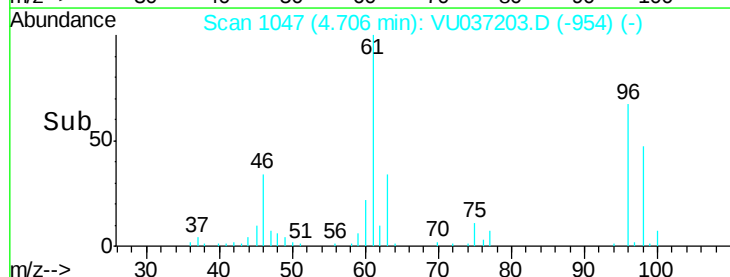
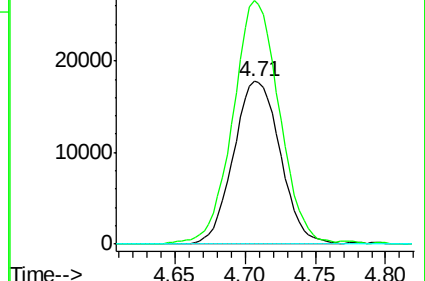
68 0.0 0.0 0.0

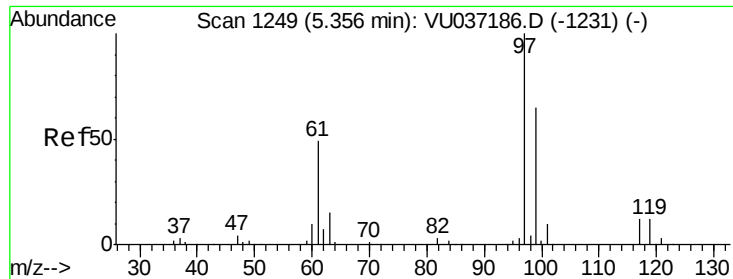


Abundance Ion 96.00 (95.70 to 96.70): VU037186.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU037186.D (-1031) (-)

Ion 68.00 (67.70 to 68.70): VU037186.D (-1031) (-)

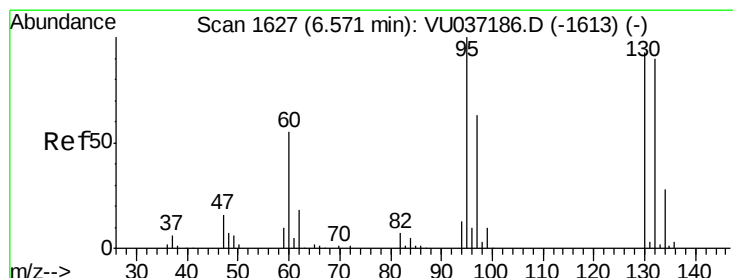
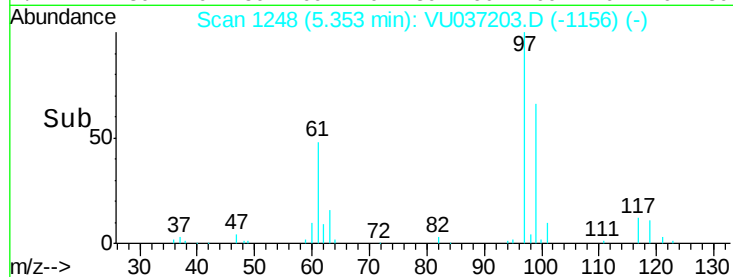
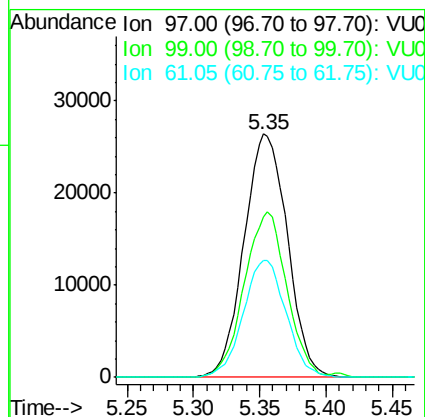
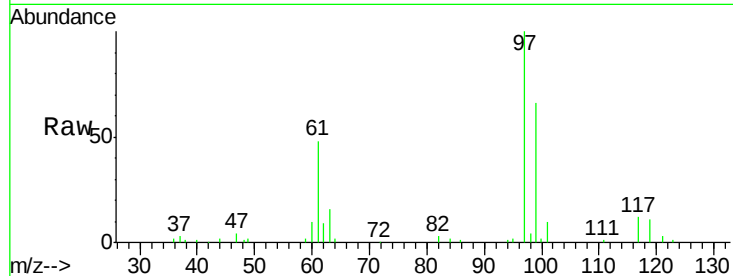




#30
 1,1,1-Trichloroethane
 Concen: 12.577 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037203.D
 Acq: 12 Mar 2020 20:47

Instrument :
 MSVOA_U
 ClientSampleId :
 CONC9

Tot Ion: 97 Resp: 60342
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.4 77.0
 61 47.4 39.0 58.4



#34
 Trichloroethene
 Concen: 245.169 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037203.D
 Acq: 12 Mar 2020 20:47

Tgt Ion: 95 Resp: 678767
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.8 81.4
 132 89.7 62.6 116.3
 130 93.2 64.8 120.4

