

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037323.D
 Acq On : 17 Mar 2020 17:38
 Operator : JC/MD
 Sample : L1494-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONH5

Quant Time: Mar 18 04:27:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	408245	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	403910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121110	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.66%
7) Chloroethane-d5	1.93	69	112447	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.59	63	190241	32.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.64%
21) 2-Butanone-d5	4.67	46	258422	103.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.35%
24) Chloroform-d	5.11	84	284893	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	210096	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.76	84	523100	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.72	67	174081	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.66%
41) Toluene-d8	7.92	98	484286	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	8.20	79	90973	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.84%
47) 2-Hexanone-d5	8.66	63	185979	98.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.69%
57) 1,1,1,2,2-Tetrachloroethane-	10.77	84	264793	46.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	179133	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

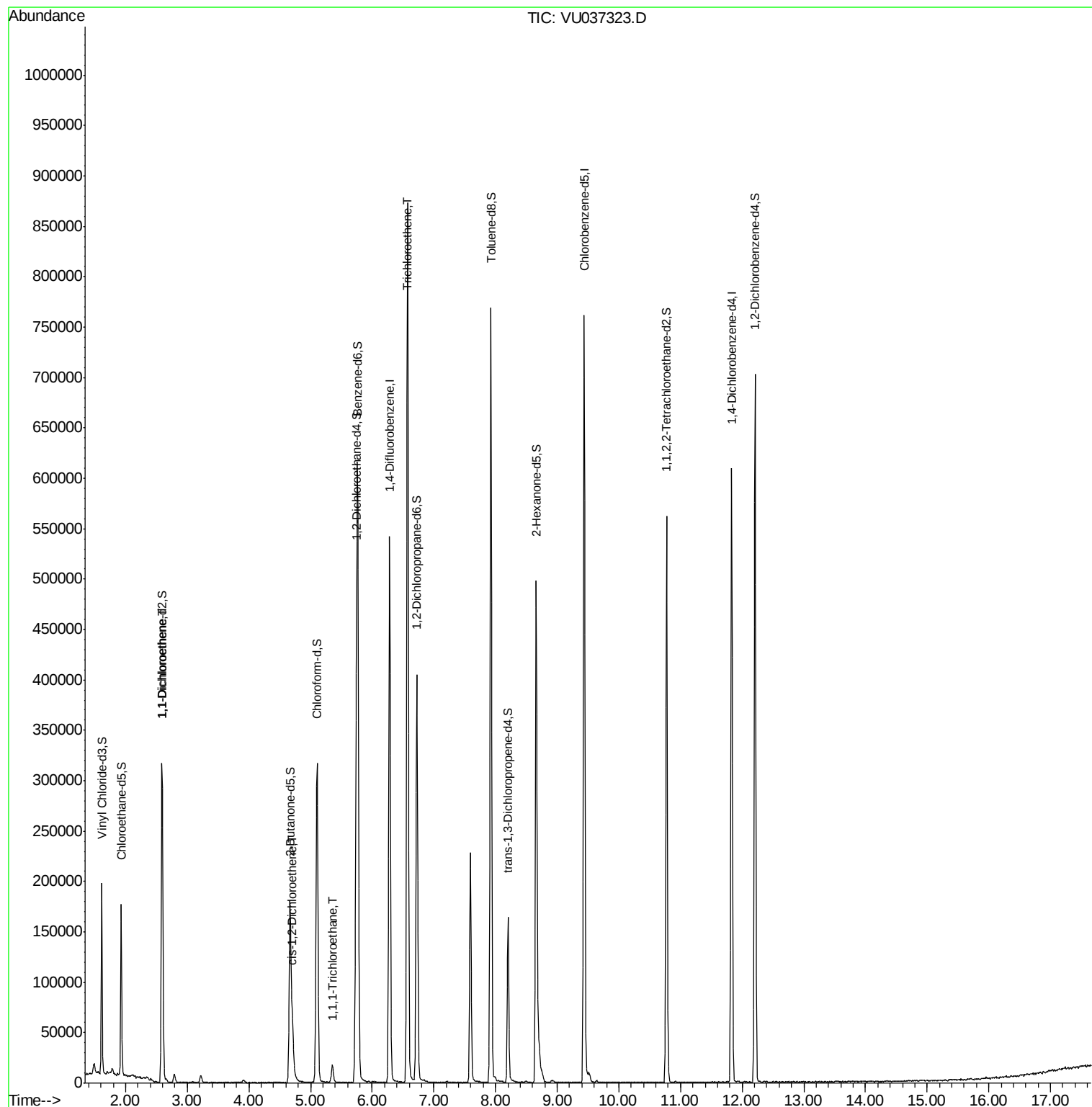
					Ovalue
12) 1,1-Dichloroethene	2.60	96	17143	7.115 ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	23083	7.560 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	12194	2.274 ug/L	98
34) Trichloroethene	6.57	95	285751	92.367 ug/L	97

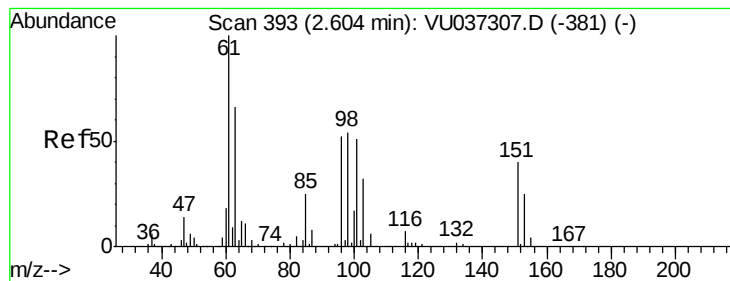
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.115 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037323.D

Acq: 17 Mar 2020 17:38

Instrument :

MSVOA_U

ClientSampleId :

C0NH5

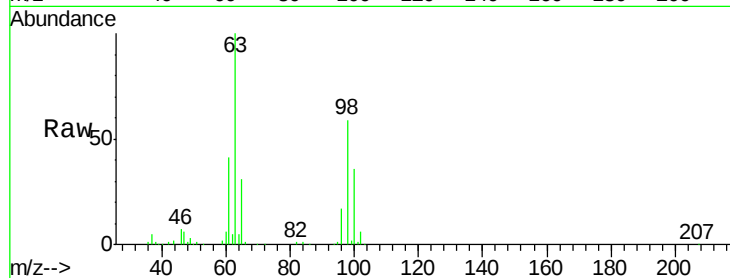
Tot Ion: 96 Resp: 17143

Ion Ratio Lower Upper

96 100

61 232.2 138.8 257.8

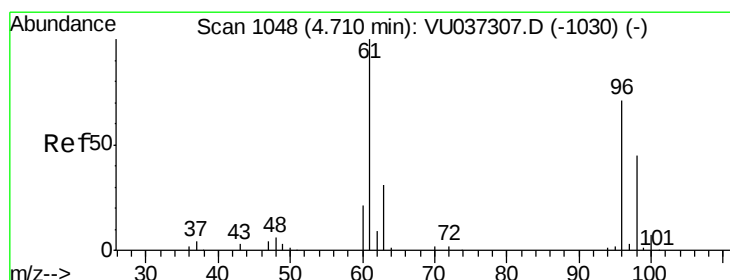
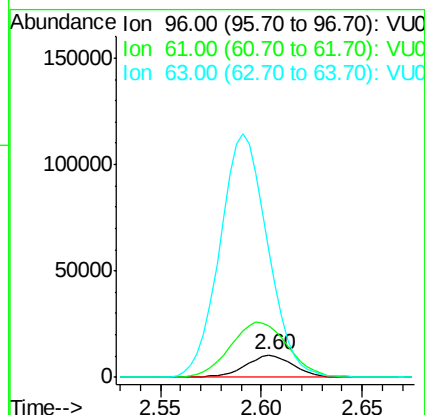
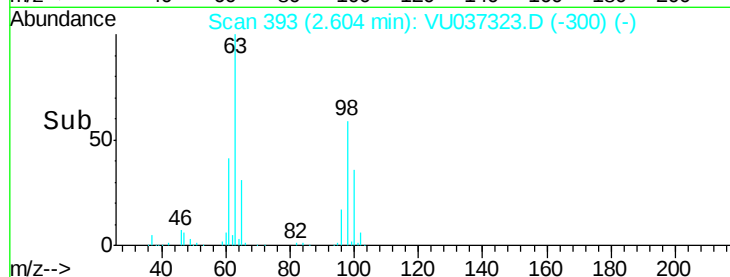
63 572.6 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 7.560 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037323.D

Acq: 17 Mar 2020 17:38

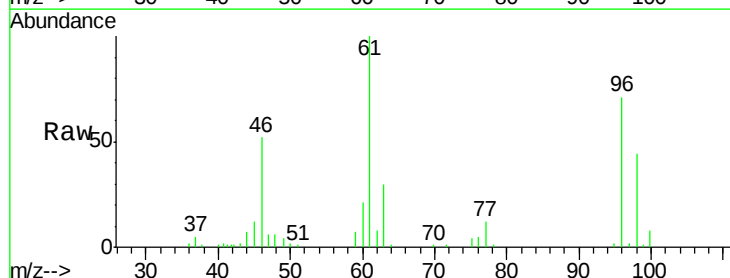
Tgt Ion: 96 Resp: 23083

Ion Ratio Lower Upper

96 100

61 141.5 101.2 187.8

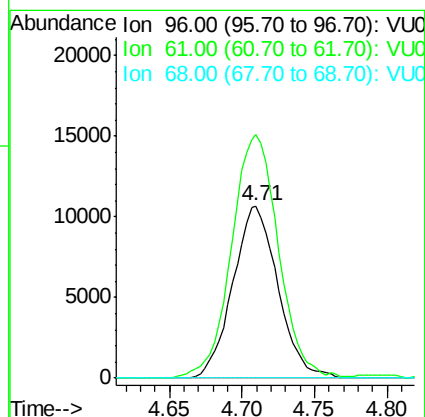
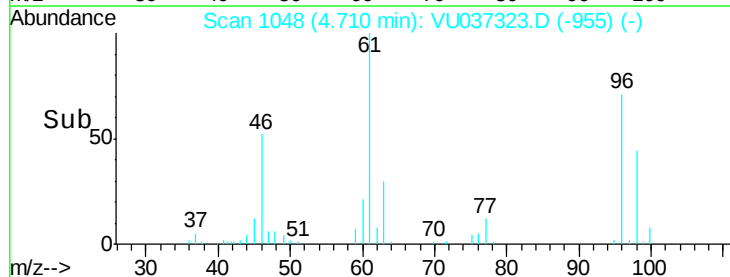
68 0.0 0.0 0.0

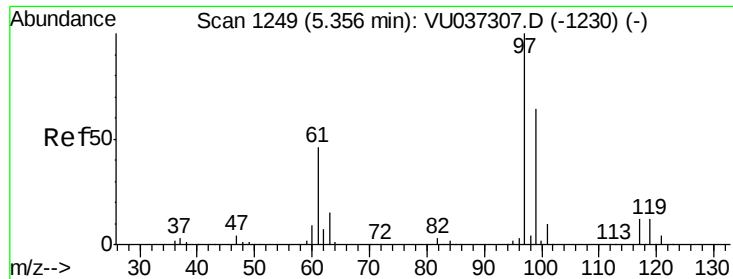


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

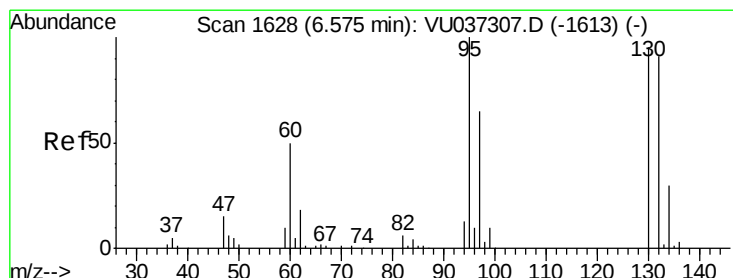
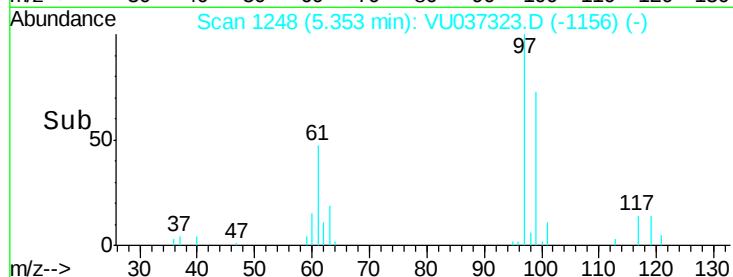
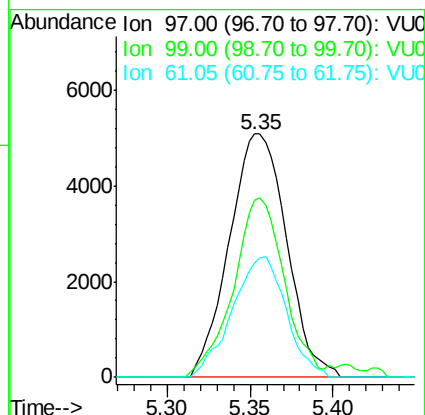
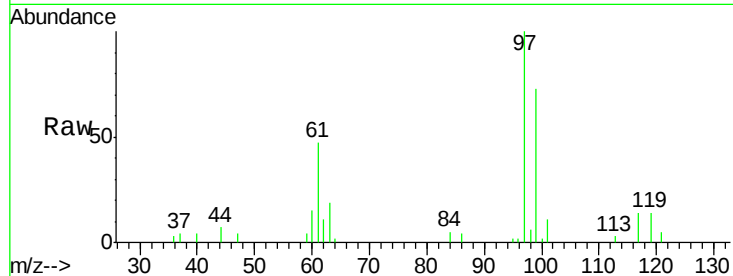




#30
 1,1,1-Trichloroethane
 Concen: 2.274 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037323.D
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Tot Ion: 97 Resp: 12194
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.4 77.0
 61 46.6 39.0 58.4



#34
 Trichloroethene
 Concen: 92.367 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037323.D
 Acq: 17 Mar 2020 17:38

Tgt Ion: 95 Resp: 285751
 Ion Ratio Lower Upper
 95 100
 97 63.6 43.8 81.4
 132 91.6 62.6 116.3
 130 96.2 64.8 120.4

