

Data File : VU030100.D
Acq On : 15 Mar 2019 10:59
Operator : JC/SP
Sample : K1859-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 16 00:05:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152400	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.12%
7) Chloroethane-d5	1.68	69	126818	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.02%
11) 1,1-Dichloroethene-d2	2.27	63	210105	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
21) 2-Butanone-d5	4.17	46	245388	101.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	4.65	84	276892	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.31	65	167406	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.34	84	589615	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	191625	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.56	98	544671	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%
43) trans-1,3-Dichloropropene-	7.85	79	86018	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.82%
47) 2-Hexanone-d5	8.31	63	206106	100.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	277807	49.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	223546	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

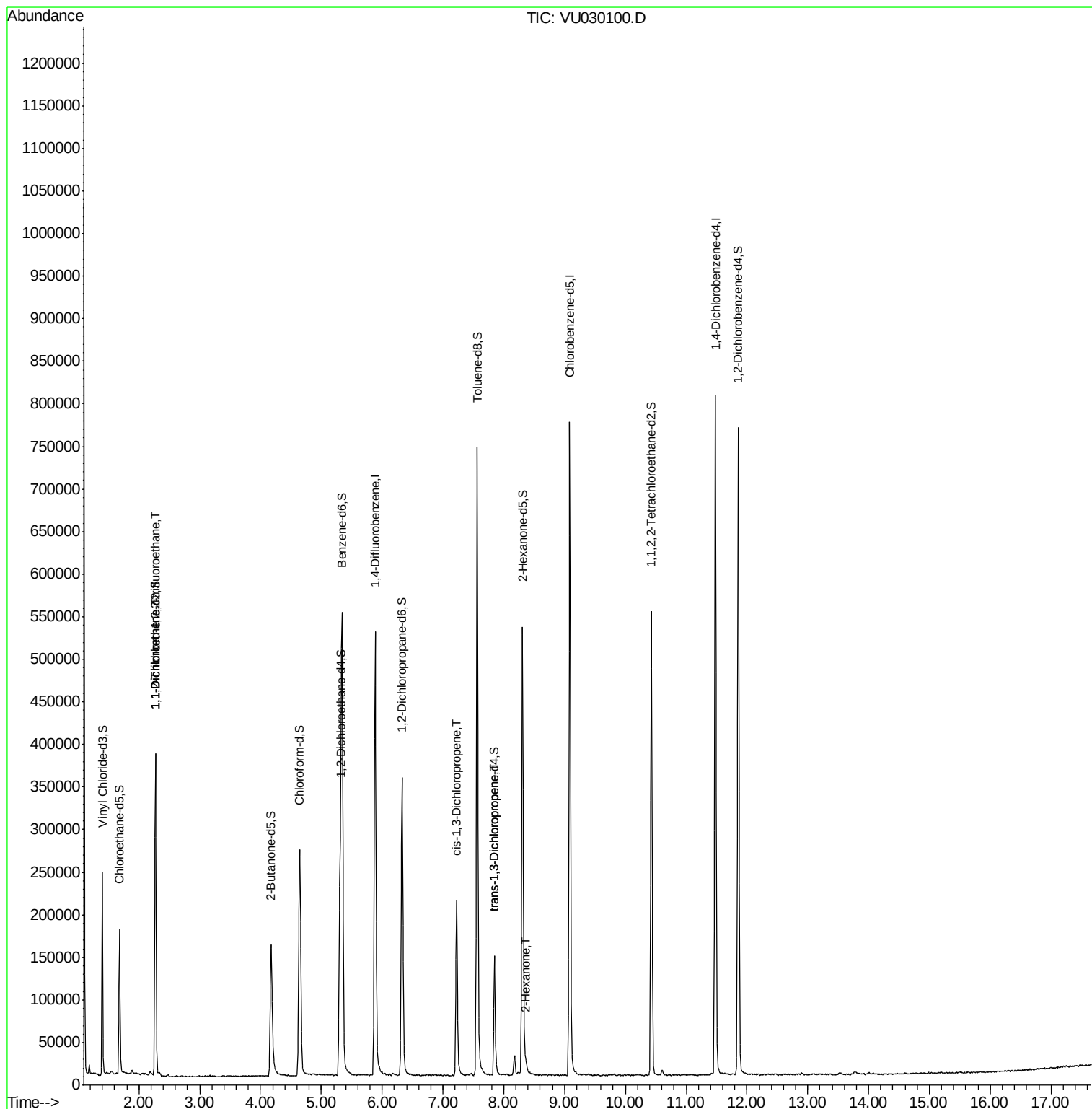
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1887	0.587	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2122	0.692	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4640	0.851	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	3360	0.675	ug/L	95
48) 2-Hexanone	8.37	43	5290	1.310	ug/L #	73

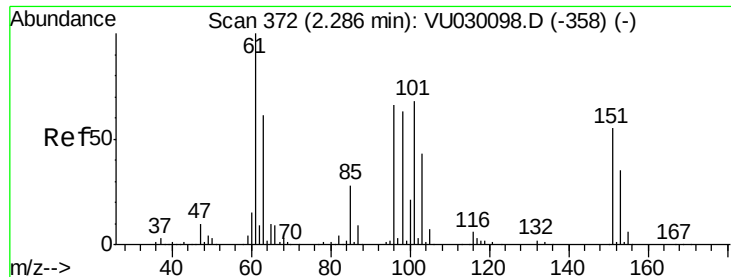
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.587 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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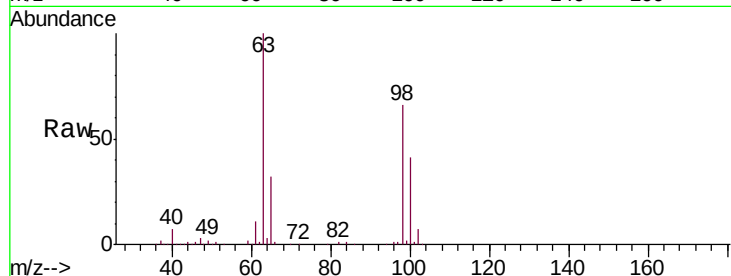
Tgt Ion: 101 Resp: 1887

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

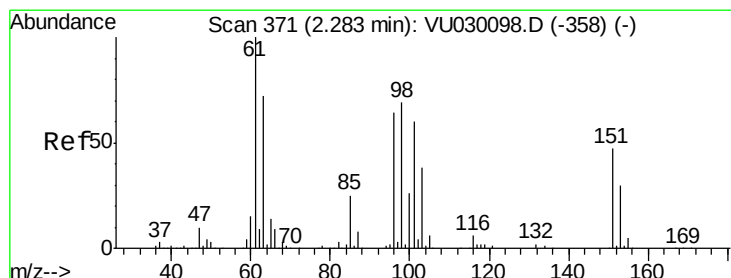
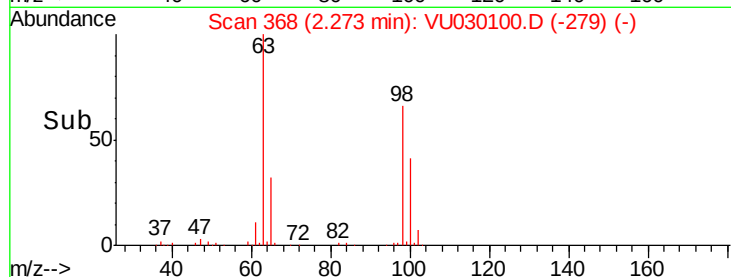
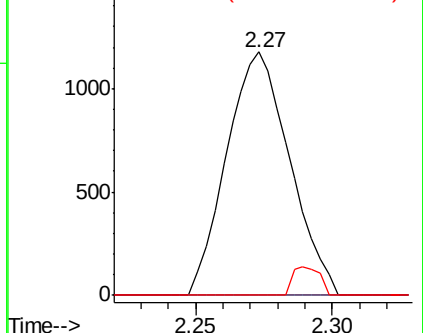
151 5.1 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.692 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030100.D

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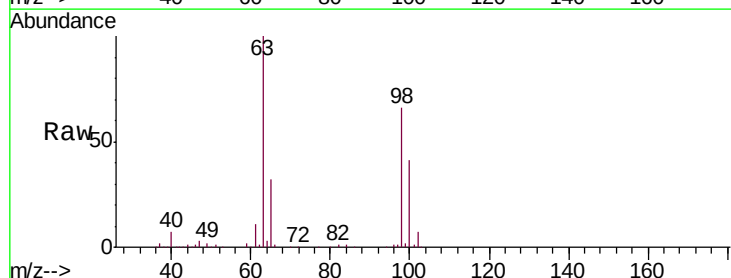
Tgt Ion: 96 Resp: 2122

Ion Ratio Lower Upper

96 100

61 1141.7 110.4 205.0#

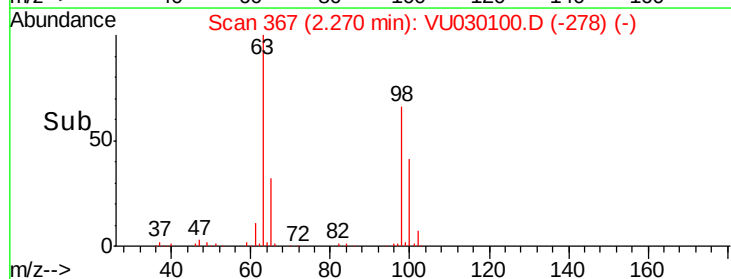
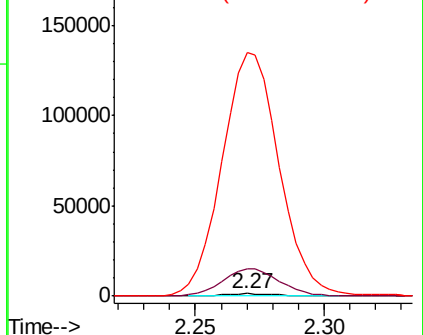
63 10057.8 86.5 160.7#

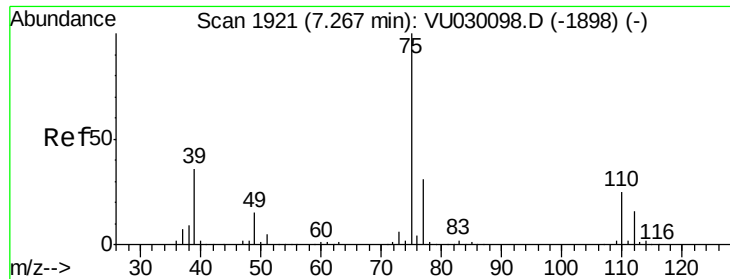


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

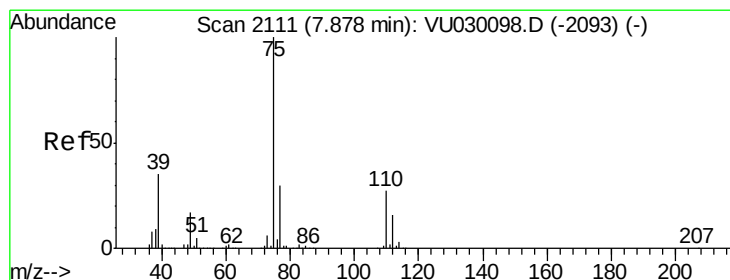
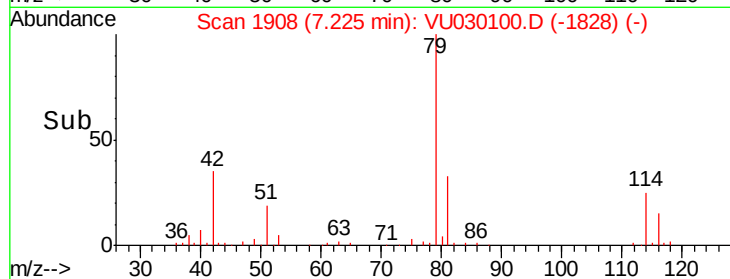
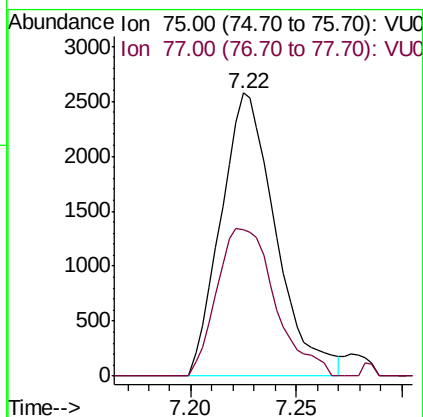
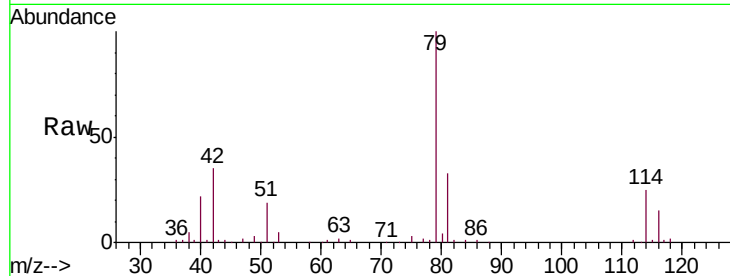




#39
 cis-1,3-Dichloropropene
 Concen: 0.851 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030100.D
 Acq: 15 Mar 2019 10:59

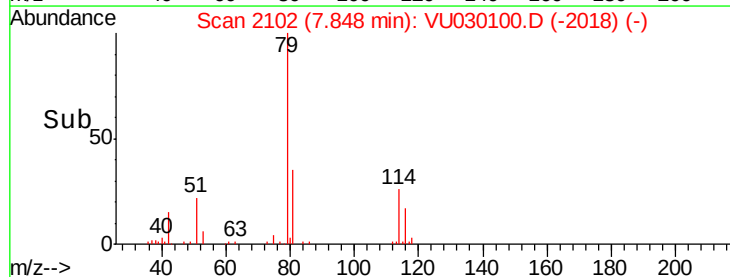
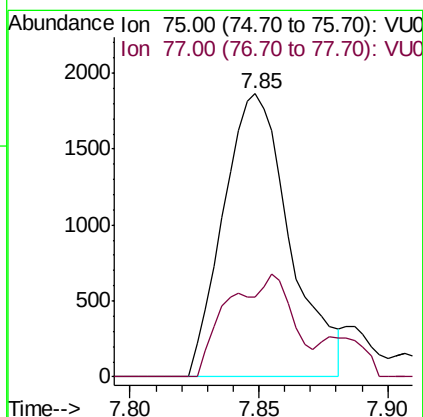
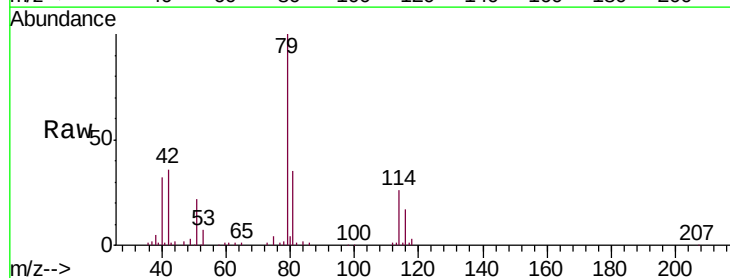
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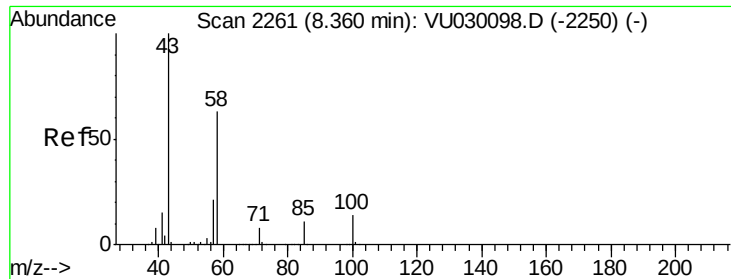
Tgt Ion: 75 Resp: 4640
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.675 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030100.D
 Acq: 15 Mar 2019 10:59

Tgt Ion: 75 Resp: 3360
 Ion Ratio Lower Upper
 75 100
 77 28.3 21.9 40.7





#48
 2-Hexanone
 Concen: 1.310 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030100.D
 Acq: 15 Mar 2019 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 5290
 Ion Ratio Lower Upper
 43 100
 58 43.5 48.6 72.8#
 57 0.0 16.1 24.1#
 100 4.9 11.6 17.4#

