

Data File : VU030061.D
Acq On : 14 Mar 2019 10:13
Operator : JC/SP
Sample : K1796-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 15 01:24:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480079	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139246	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.68	69	120198	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.78%
11) 1,1-Dichloroethene-d2	2.27	63	202939	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	4.17	46	260192	109.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.36%
24) Chloroform-d	4.64	84	286847	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.31	65	174706	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
32) Benzene-d6	5.34	84	615237	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.33	67	195229	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.60%
41) Toluene-d8	7.56	98	573068	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	7.85	79	90940	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.31	63	223101	107.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299810	52.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	234287	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

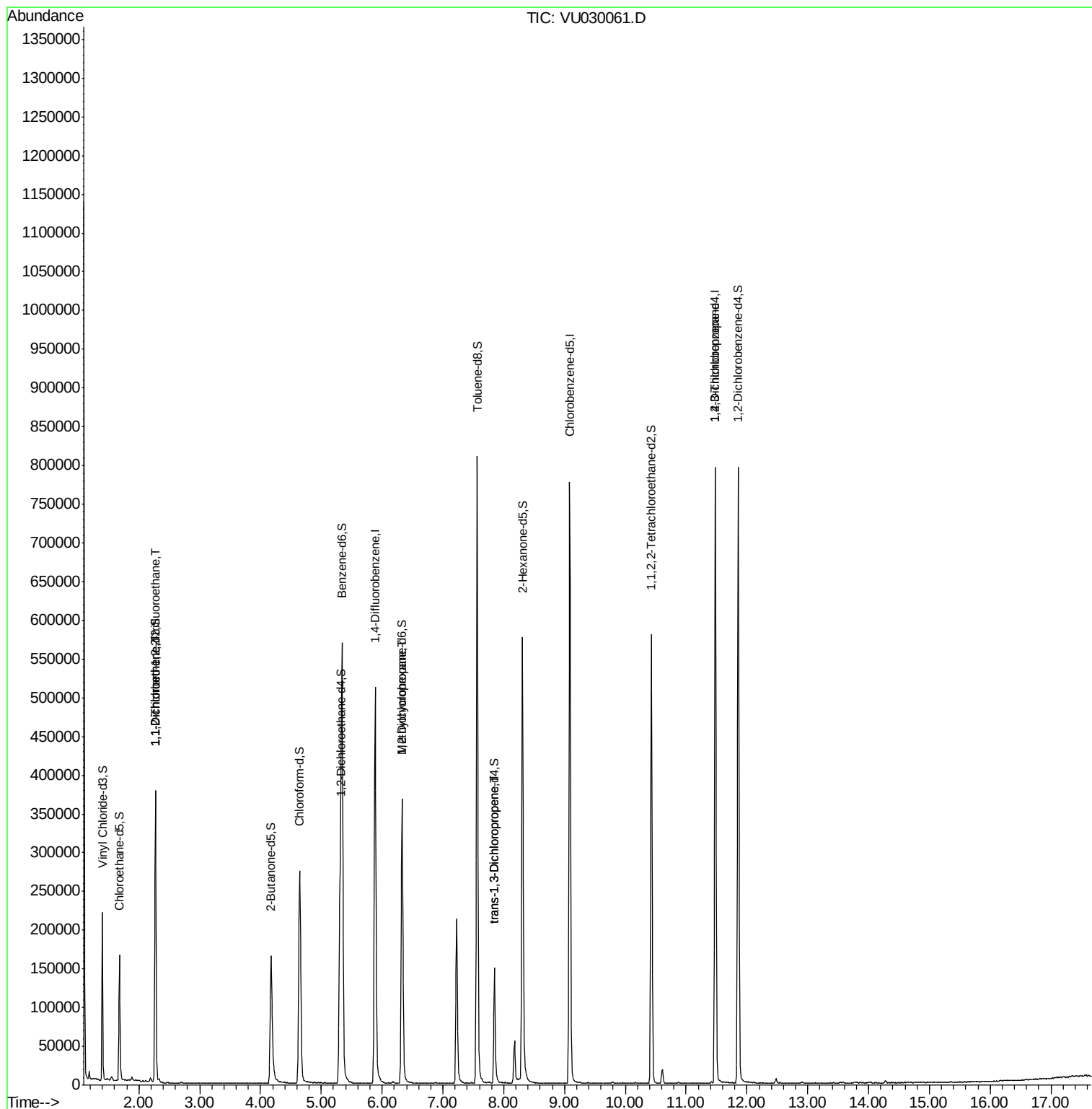
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2238	0.710 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1988	0.661 ug/L #	1
35) Methylcyclohexane	6.33	83	44195	7.743 ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	3761	0.749 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	23549	5.118 ug/L	97

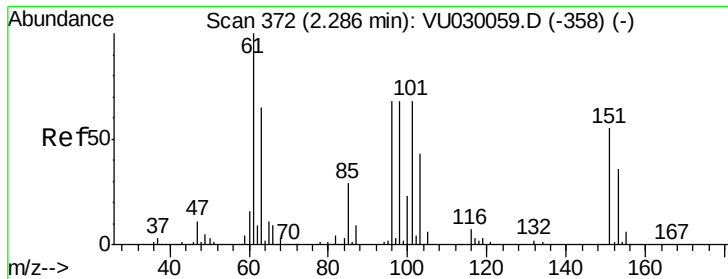
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.710 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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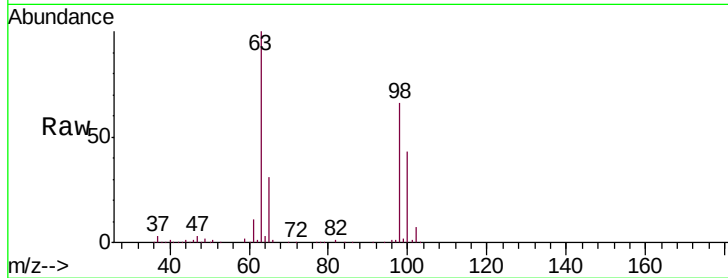
Tgt Ion: 101 Resp: 2238

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

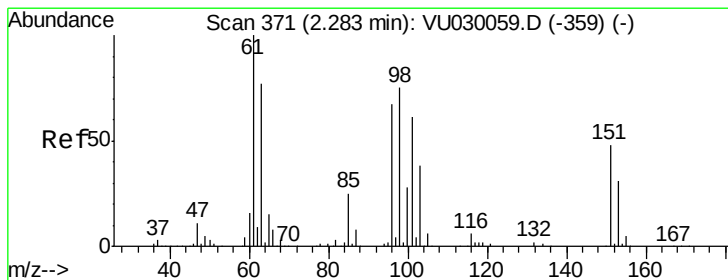
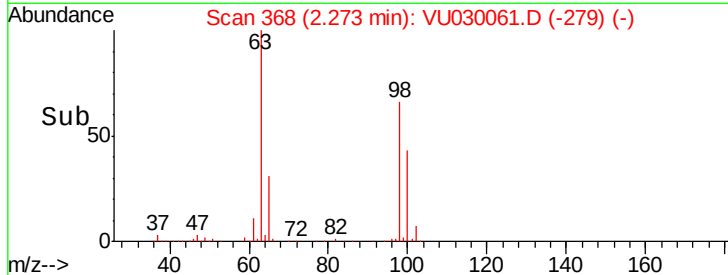
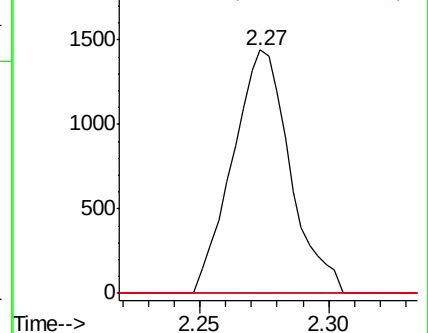
151 0.0 66.1 99.1#



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: 0.661 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030061.D

Acq: 14 Mar 2019 10:13

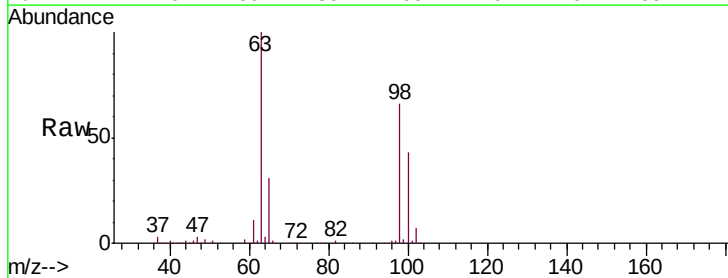
Tgt Ion: 96 Resp: 1988

Ion Ratio Lower Upper

96 100

61 1070.1 110.4 205.0#

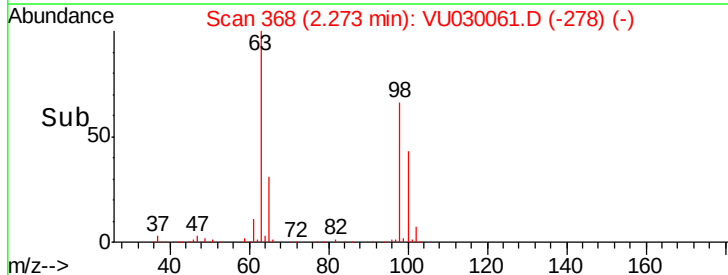
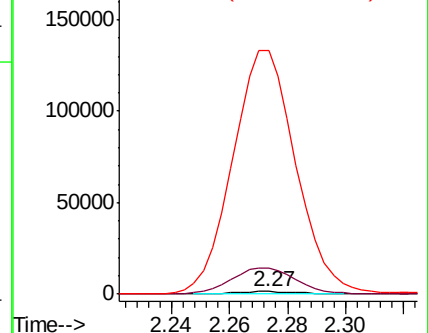
63 9987.1 86.5 160.7#

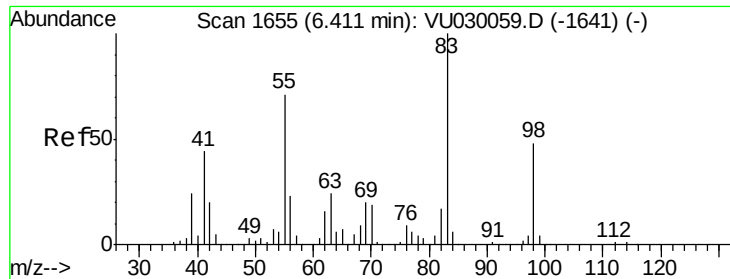


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

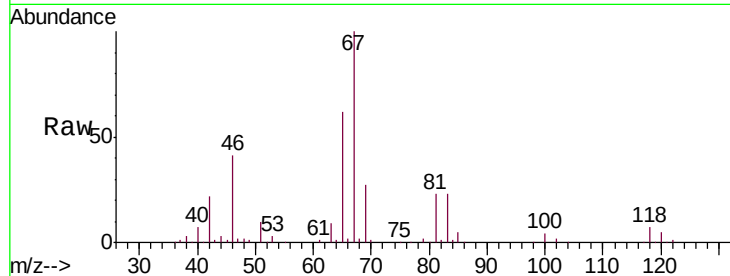




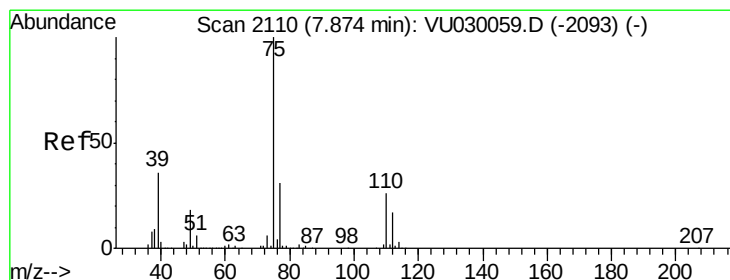
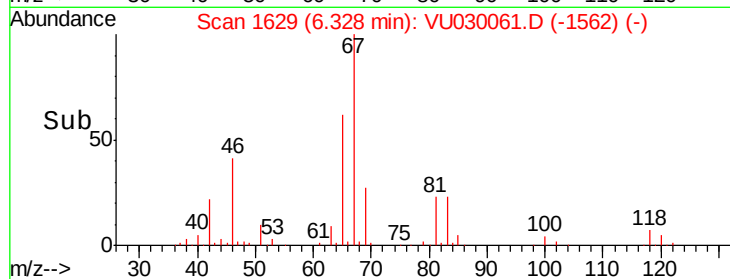
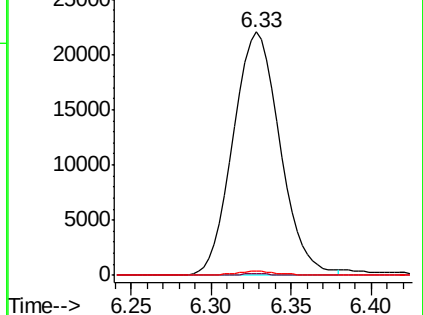
#35
Methylcyclohexane
Concen: 7.743 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
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Tgt Ion: 83 Resp: 44195
Ion Ratio Lower Upper
83 100
55 0.3 56.6 84.8#
98 1.4 37.8 56.6#

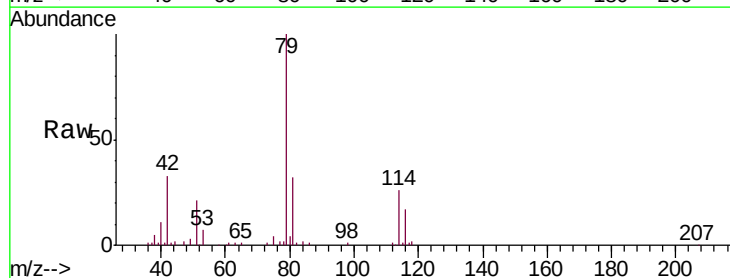


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

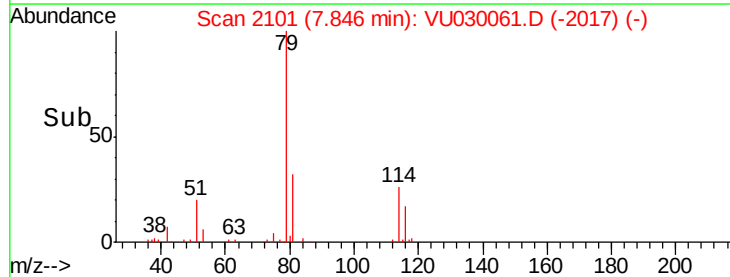
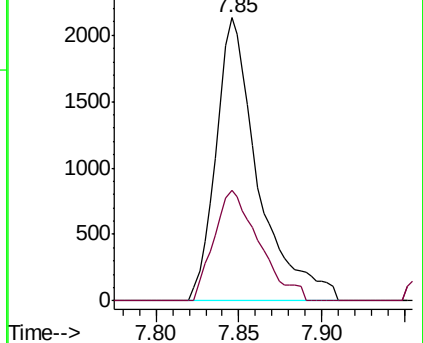


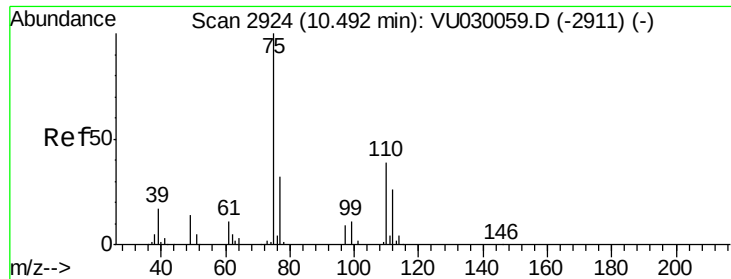
#44
trans-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030061.D
Acq: 14 Mar 2019 10:13

Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
77 39.2 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.118 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030061.D

Acq: 14 Mar 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 23549

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.8

