

Data File : VU031994.D
Acq On : 14 May 2019 15:05
Operator : JC/SP
Sample : K2740-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 15 04:30:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1060417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1068459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	407716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	426708	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.72%
7) Chloroethane-d5	1.67	69	357677	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.27	63	579198	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.17	46	639386	98.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.13%
24) Chloroform-d	4.64	84	715886	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.30	65	461754	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.33	84	1515517	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.32	67	505517	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.56	98	1307865	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.85	79	207462	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.31	63	403229	97.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	687872	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	435999	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

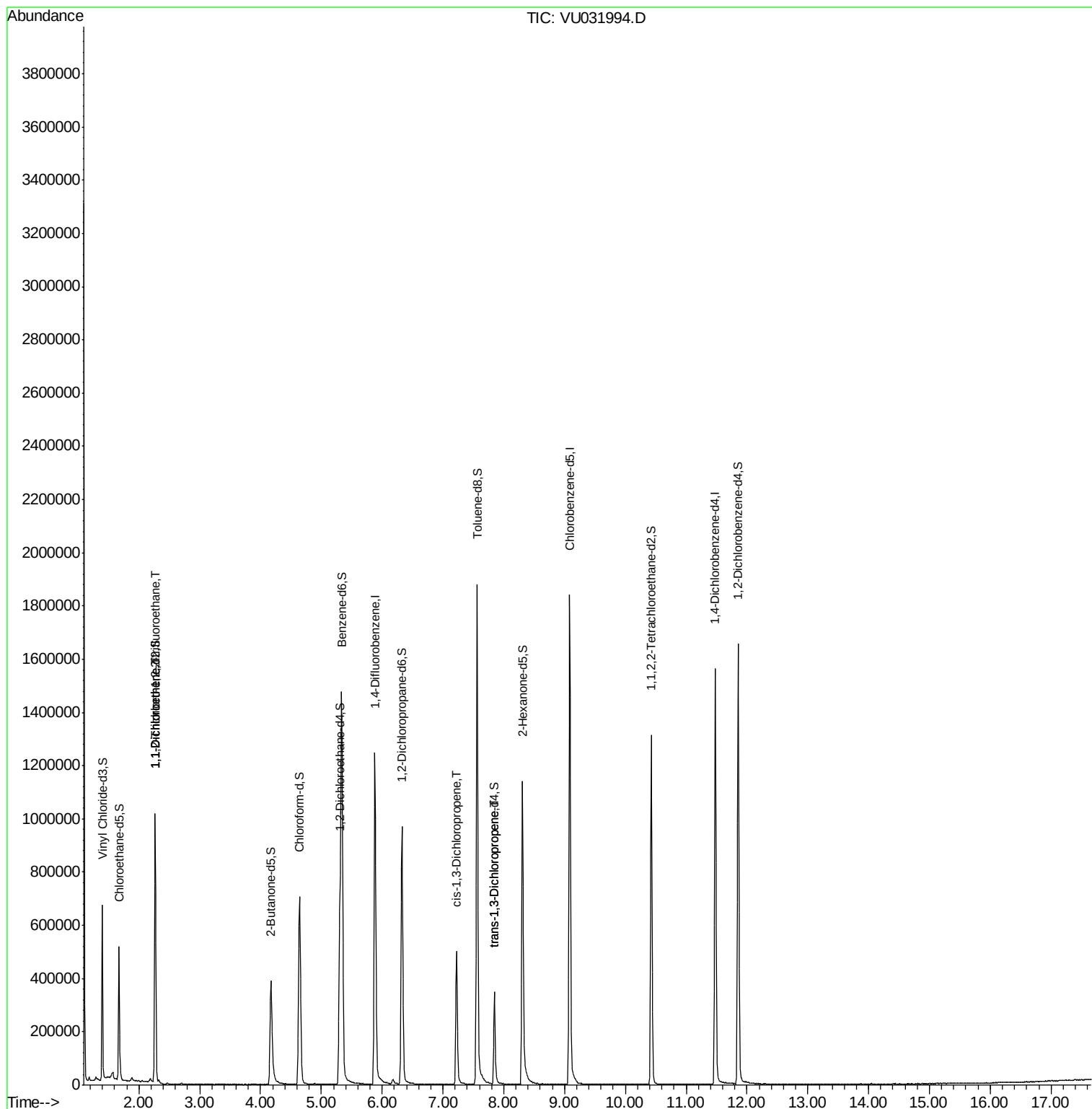
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5698	0.722 ug/L #	26
12) 1,1-Dichloroethene	2.27	96	4437	0.567 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	11108	0.832 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	7553	0.644 ug/L	97

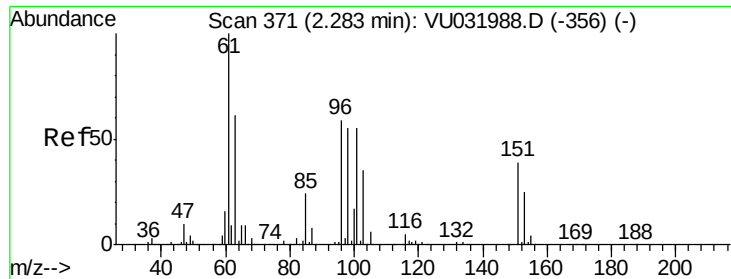
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.722 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

VHBLK01

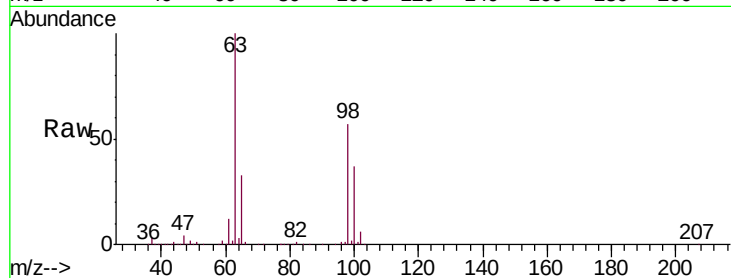
Tgt Ion: 101 Resp: 5698

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

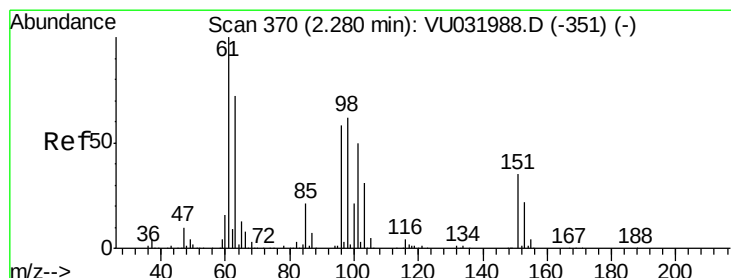
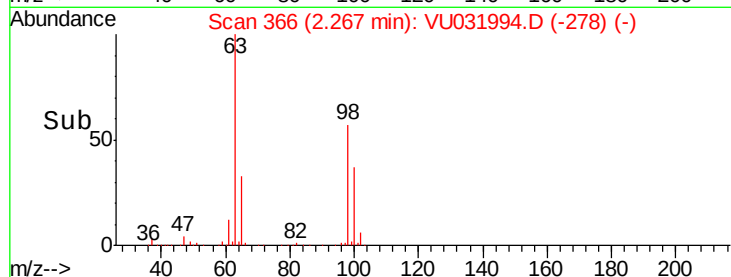
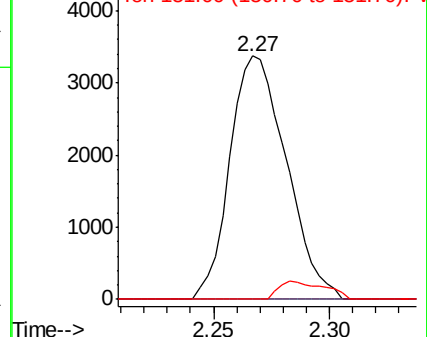
151 6.0 55.8 83.8#



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: 0.567 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031994.D

Acq: 14 May 2019 15:05

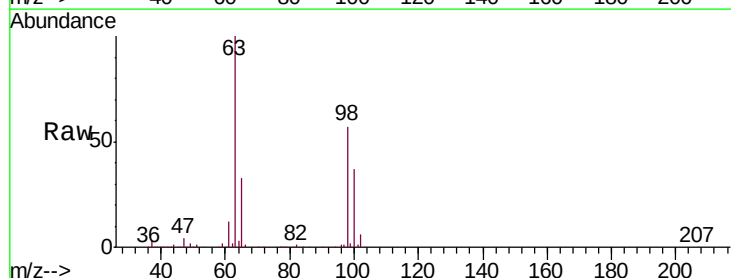
Tgt Ion: 96 Resp: 4437

Ion Ratio Lower Upper

96 100

61 1443.1 120.9 224.5#

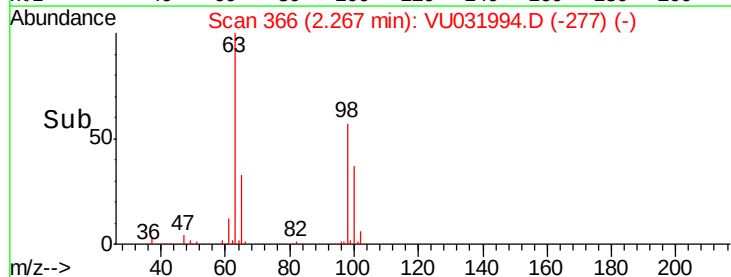
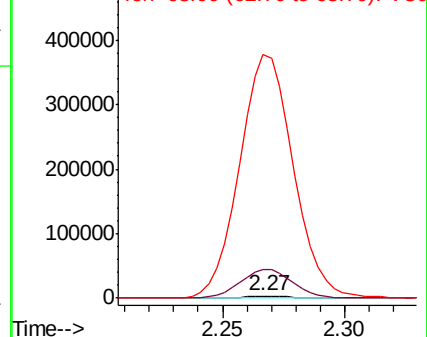
63 12358.0 84.4 156.8#

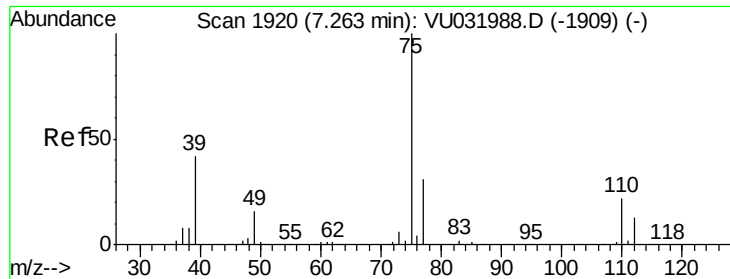


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

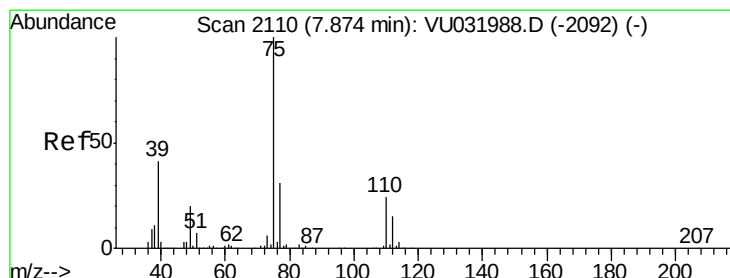
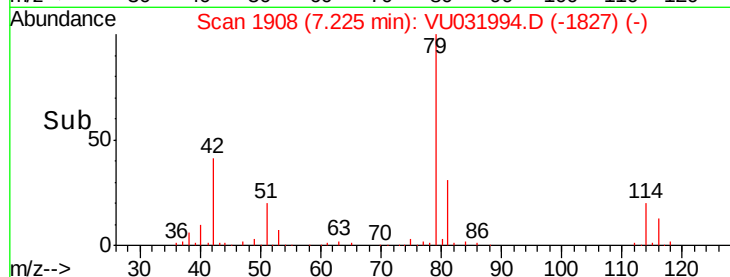
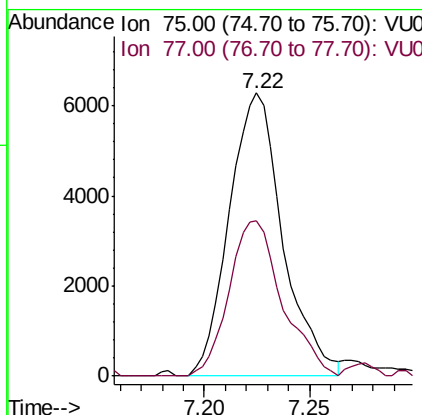
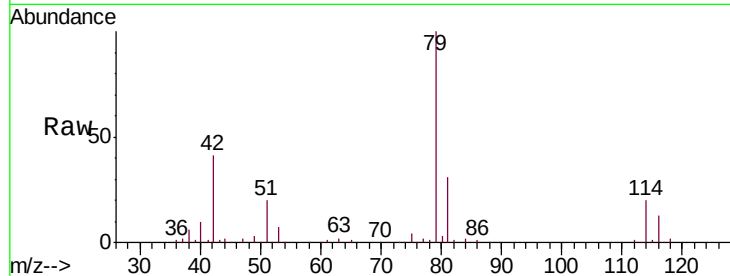




#39
 cis-1,3-Dichloropropene
 Concen: 0.832 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 11108
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.644 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031994.D
 Acq: 14 May 2019 15:05

Tgt Ion: 75 Resp: 7553
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.5 41.7

