

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031025.D
 Acq On : 10 Apr 2019 20:43
 Operator : JC/SP
 Sample : K2277-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 11 05:23:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183555	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	183166	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.64%
7) Chloroethane-d5	1.68	69	154877	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.27	63	261384	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.17	46	330111	104.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	4.64	84	318152	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.31	65	219523	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
32) Benzene-d6	5.34	84	622430	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.32	67	218949	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.56	98	534097	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	89941	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.78%
47) 2-Hexanone-d5	8.31	63	190477	90.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309667	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	192489	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

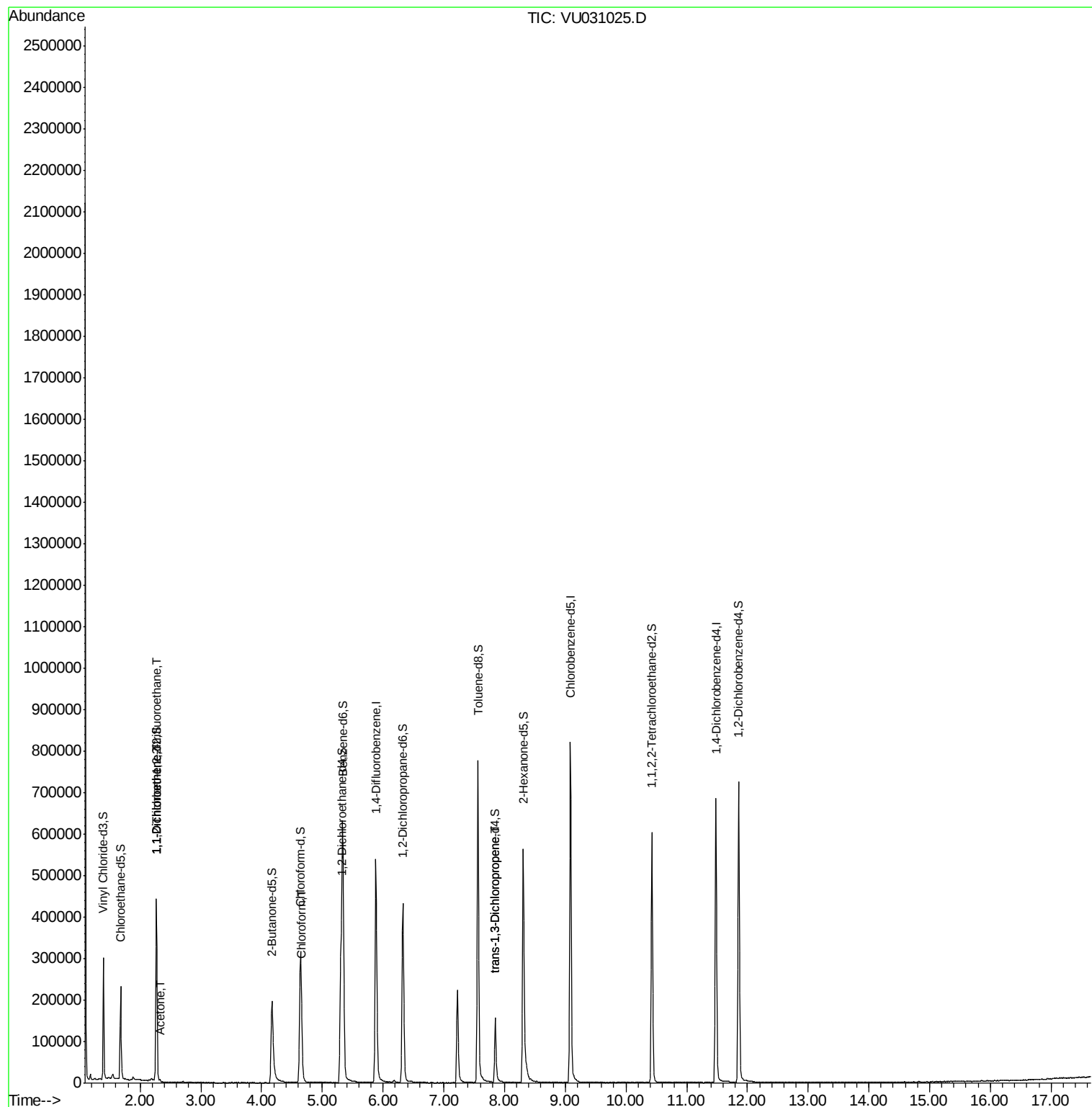
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1930	0.602 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1993	0.644 ug/L #	1
13) Acetone	2.32	43	1988	0.613 ug/L	69
25) Chloroform	4.67	83	15603	2.289 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	2861	0.535 ug/L	93

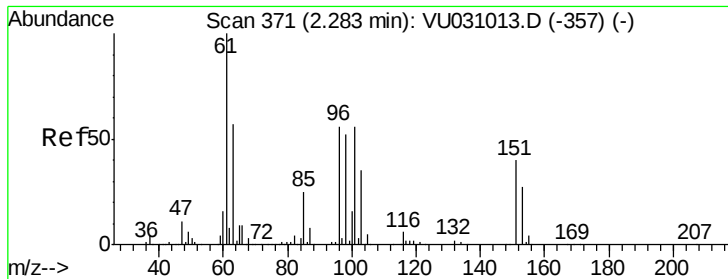
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.602 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031025.D

Acq: 10 Apr 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

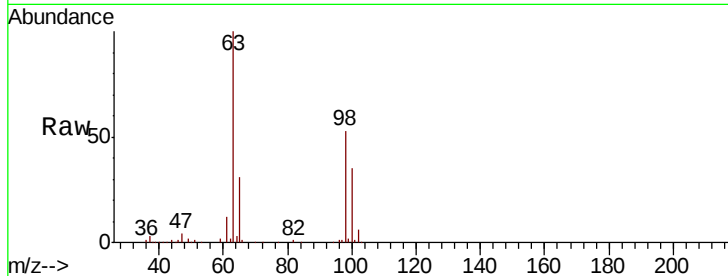
Tot Ion:101 Resp: 1930

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

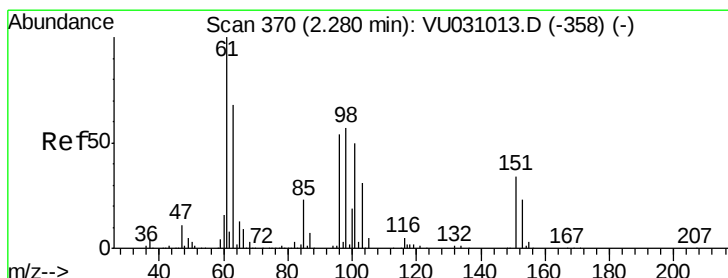
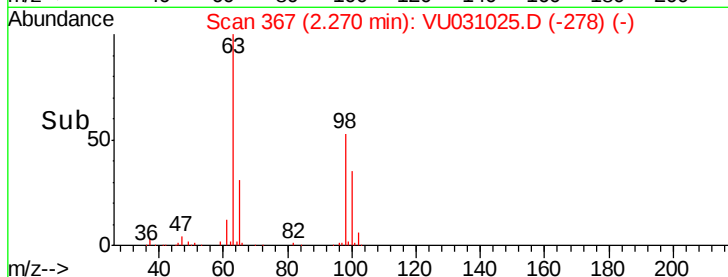
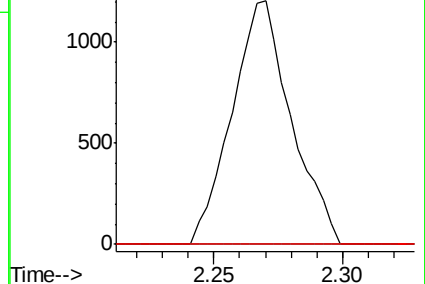
151 0.0 57.4 86.0#



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: 0.644 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031025.D

Acq: 10 Apr 2019 20:43

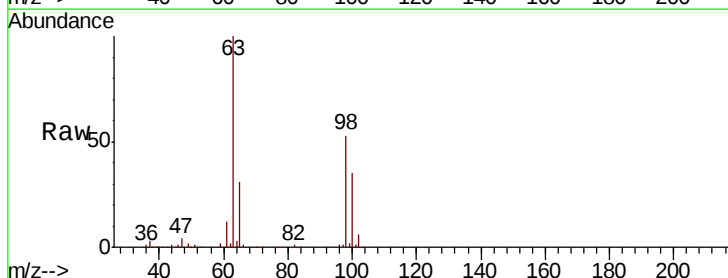
Tgt Ion: 96 Resp: 1993

Ion Ratio Lower Upper

96 100

61 1522.7 132.0 245.2#

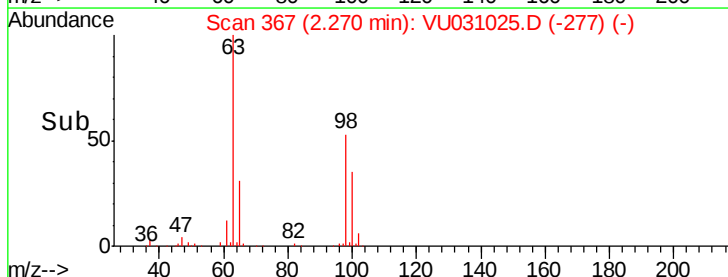
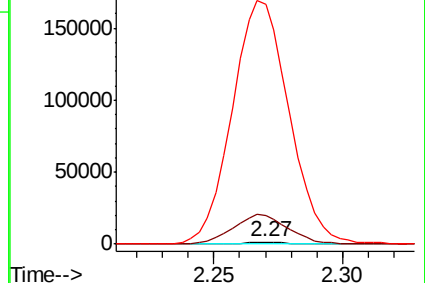
63 12770.6 90.9 168.9#

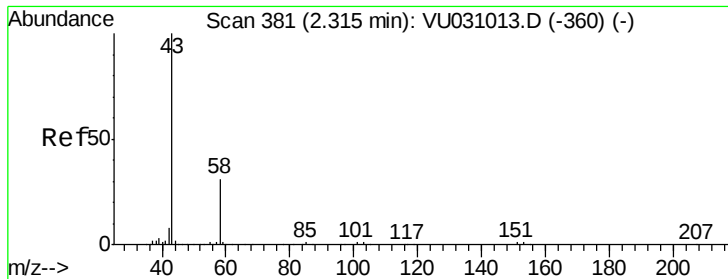


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.613 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU031025.D

Acq: 10 Apr 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

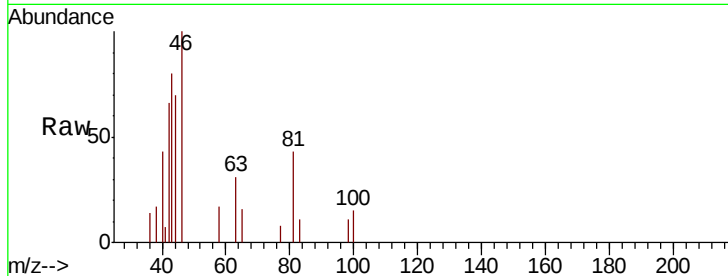
VHBLK01

Tot Ion: 43 Resp: 1988

Ion Ratio Lower Upper

43 100

58 14.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)

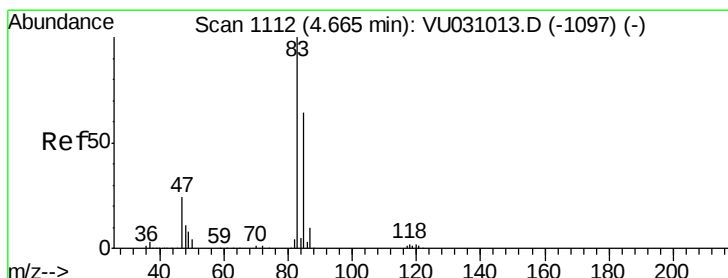
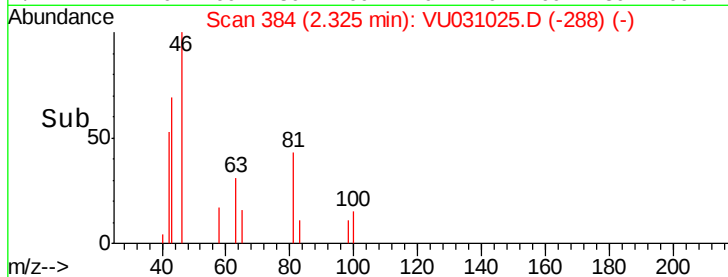
2.32

1000

500

0

Time-->



#25

Chloroform

Concen: 2.289 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031025.D

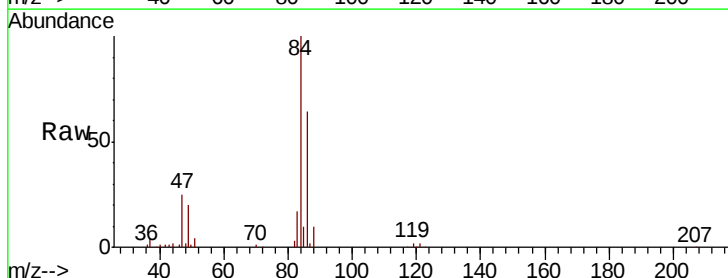
Acq: 10 Apr 2019 20:43

Tgt Ion: 83 Resp: 15603

Ion Ratio Lower Upper

83 100

85 58.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031013.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031013.D (-1097) (-)

4.67

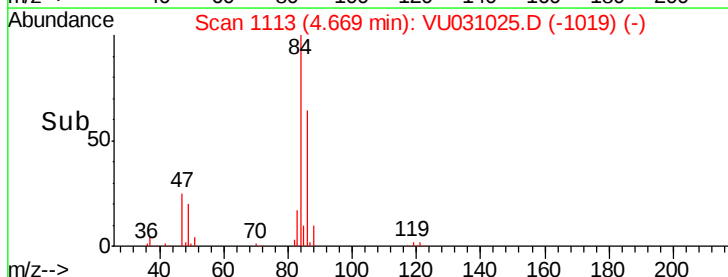
6000

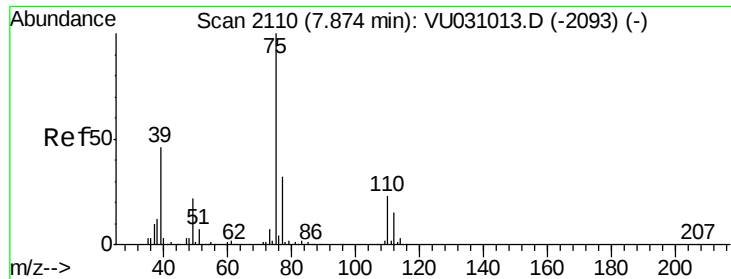
4000

2000

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031025.D

Acq: 10 Apr 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 2861

Ion Ratio Lower Upper

75 100

77 26.7 21.6 40.0

