

Data File : VU030826.D
Acq On : 07 Apr 2019 01:30
Operator : JC/SP
Sample : K2269-02RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR4

Quant Time: Apr 08 07:08:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460377	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213164	51.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.74%
7) Chloroethane-d5	1.68	69	164441	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.44%
11) 1,1-Dichloroethene-d2	2.27	63	294465	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	4.17	46	332280	102.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	4.64	84	321620	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
26) 1,2-Dichloroethane-d4	5.31	65	222388	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.34	84	648921	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.32	67	222043	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.12%
41) Toluene-d8	7.56	98	557128	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	90117	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.31	63	189815	91.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297202	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	182928	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

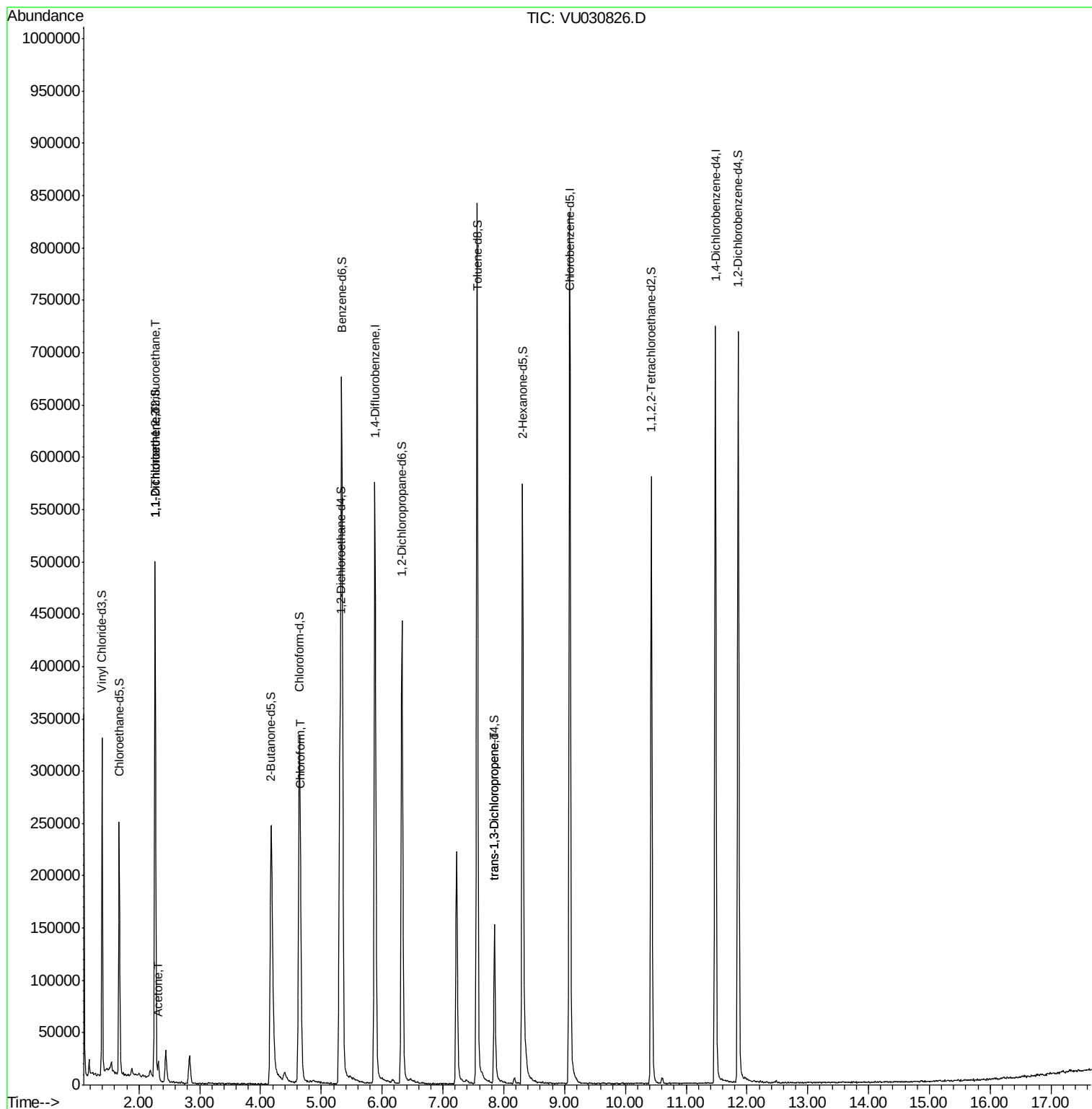
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2426	0.736 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2089	0.656 ug/L #	1
13) Acetone	2.32	43	16683	5.005 ug/L	96
25) Chloroform	4.67	83	34956	4.988 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3998	0.760 ug/L	87

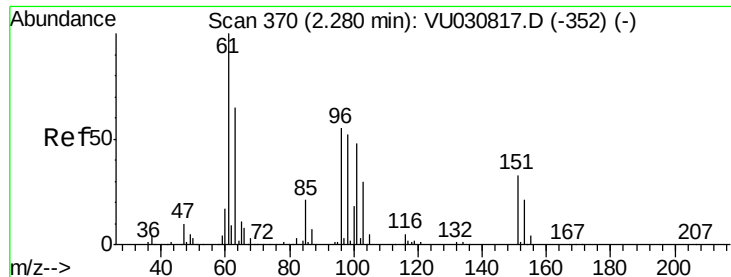
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.736 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampled :

C0BR4

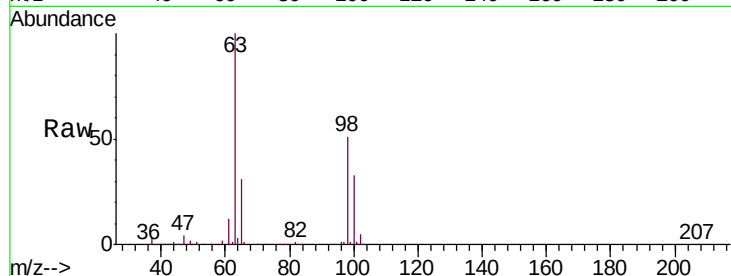
Tgt Ion: 101 Resp: 2426

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

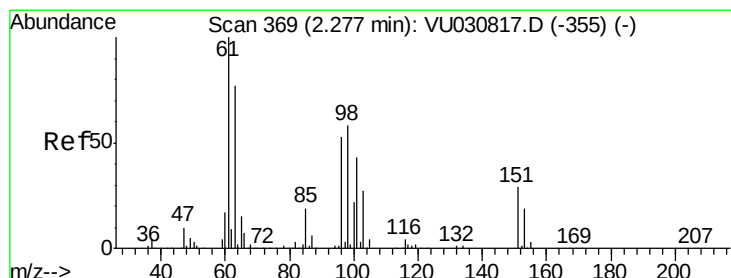
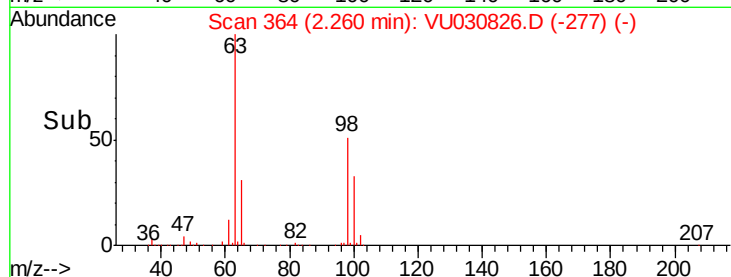
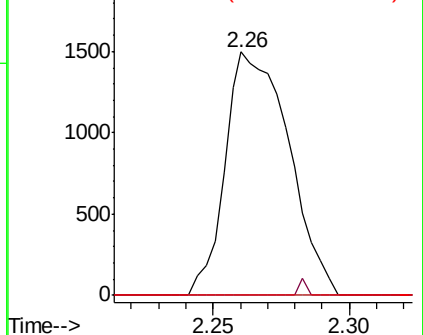
151 0.0 57.4 86.0#



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: 0.656 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU030826.D

Acq: 07 Apr 2019 01:30

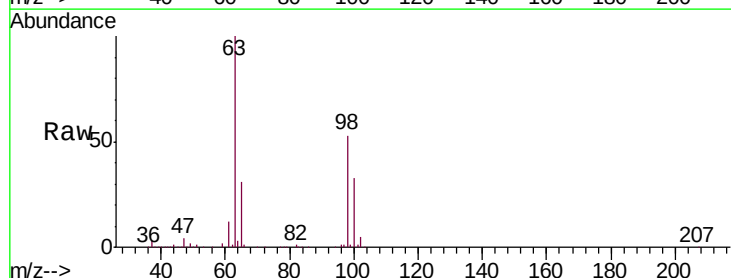
Tgt Ion: 96 Resp: 2089

Ion Ratio Lower Upper

96 100

61 1765.2 132.0 245.2#

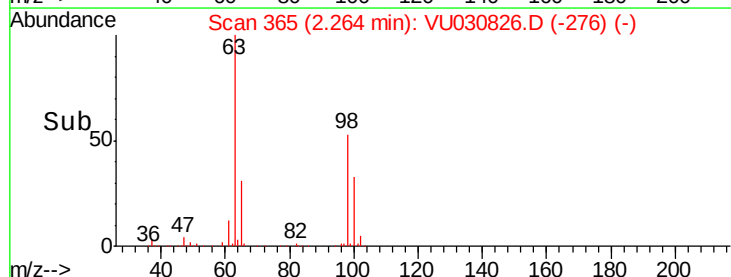
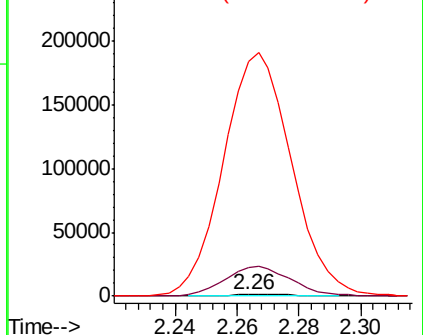
63 14270.8 90.9 168.9#

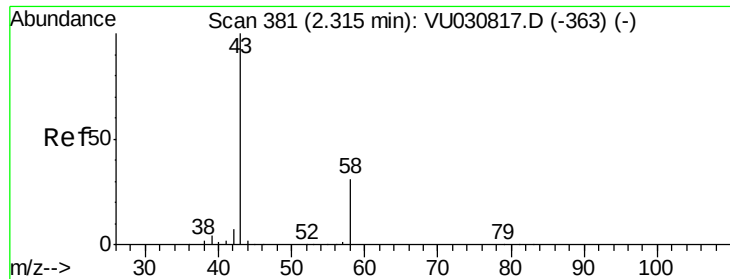


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.005 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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Acq: 07 Apr 2019 01:30

Instrument :

MSVOA_U

ClientSampleId :

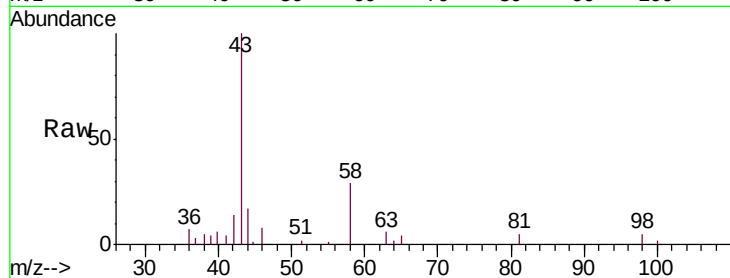
C0BR4

Tgt Ion: 43 Resp: 16683

Ion Ratio Lower Upper

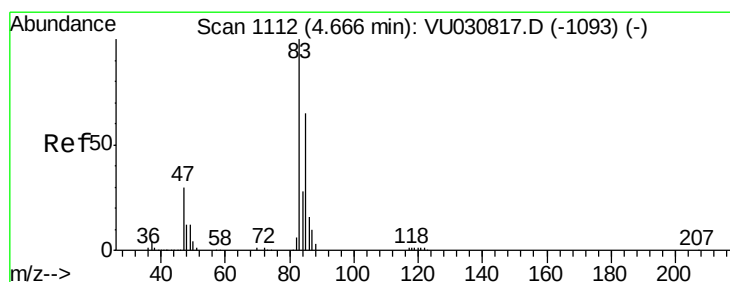
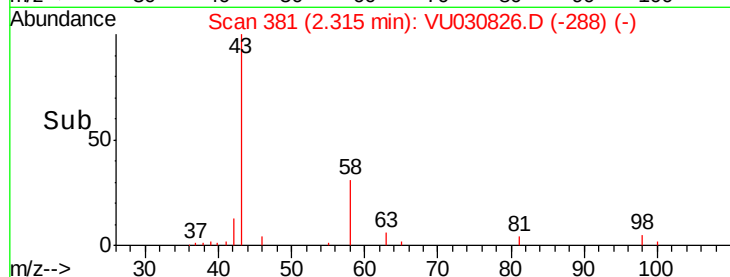
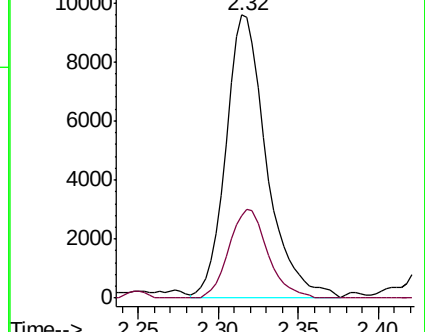
43 100

58 29.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030817.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030817.D (-363) (-)



#25

Chloroform

Concen: 4.988 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030826.D

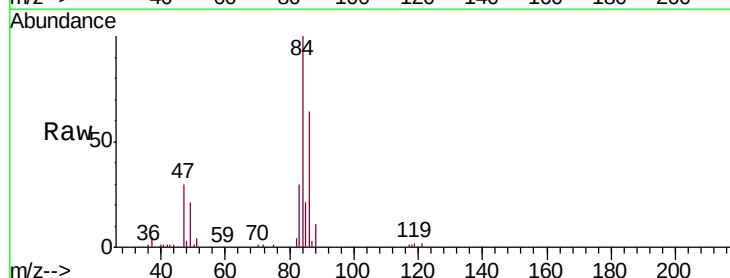
Acq: 07 Apr 2019 01:30

Tgt Ion: 83 Resp: 34956

Ion Ratio Lower Upper

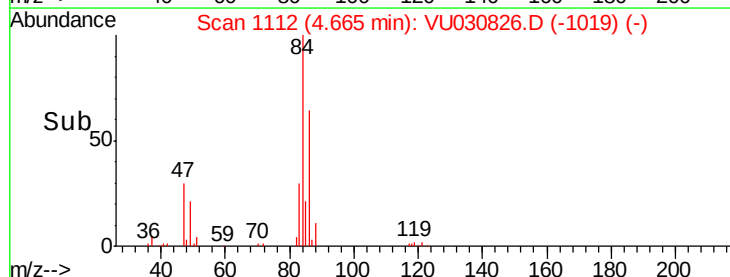
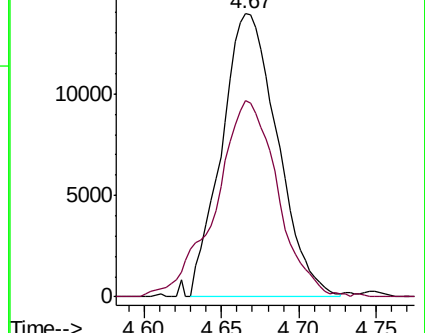
83 100

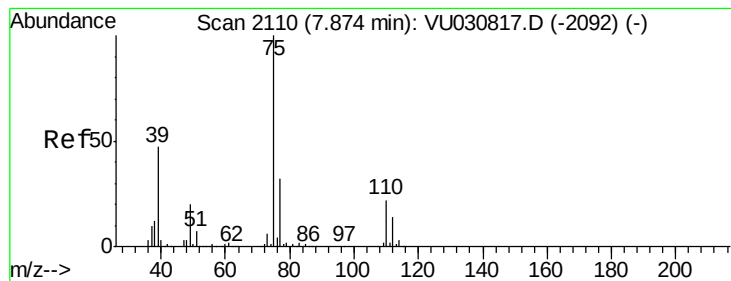
85 69.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030817.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030817.D (-1093) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030826.D

Acq: 07 Apr 2019 01:30

Instrument :

MSVOA_U

ClientSampleId :

C0BR4

Tgt Ion: 75 Resp: 3998

Ion Ratio Lower Upper

75 100

77 37.9 21.6 40.0

