

Data File : VU030819.D
Acq On : 06 Apr 2019 22:49
Operator : JC/SP
Sample : K2218-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 08 07:07:10 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	497598	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	228319	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.80%
7) Chloroethane-d5	1.68	69	180600	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.27	63	321748	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
21) 2-Butanone-d5	4.17	46	375948	106.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.79%
24) Chloroform-d	4.64	84	333191	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.30	65	245941	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
32) Benzene-d6	5.34	84	731898	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	251362	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.56	98	624344	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%
43) trans-1,3-Dichloropropene-	7.85	79	101315	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.26%
47) 2-Hexanone-d5	8.31	63	237093	105.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332291	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	206298	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

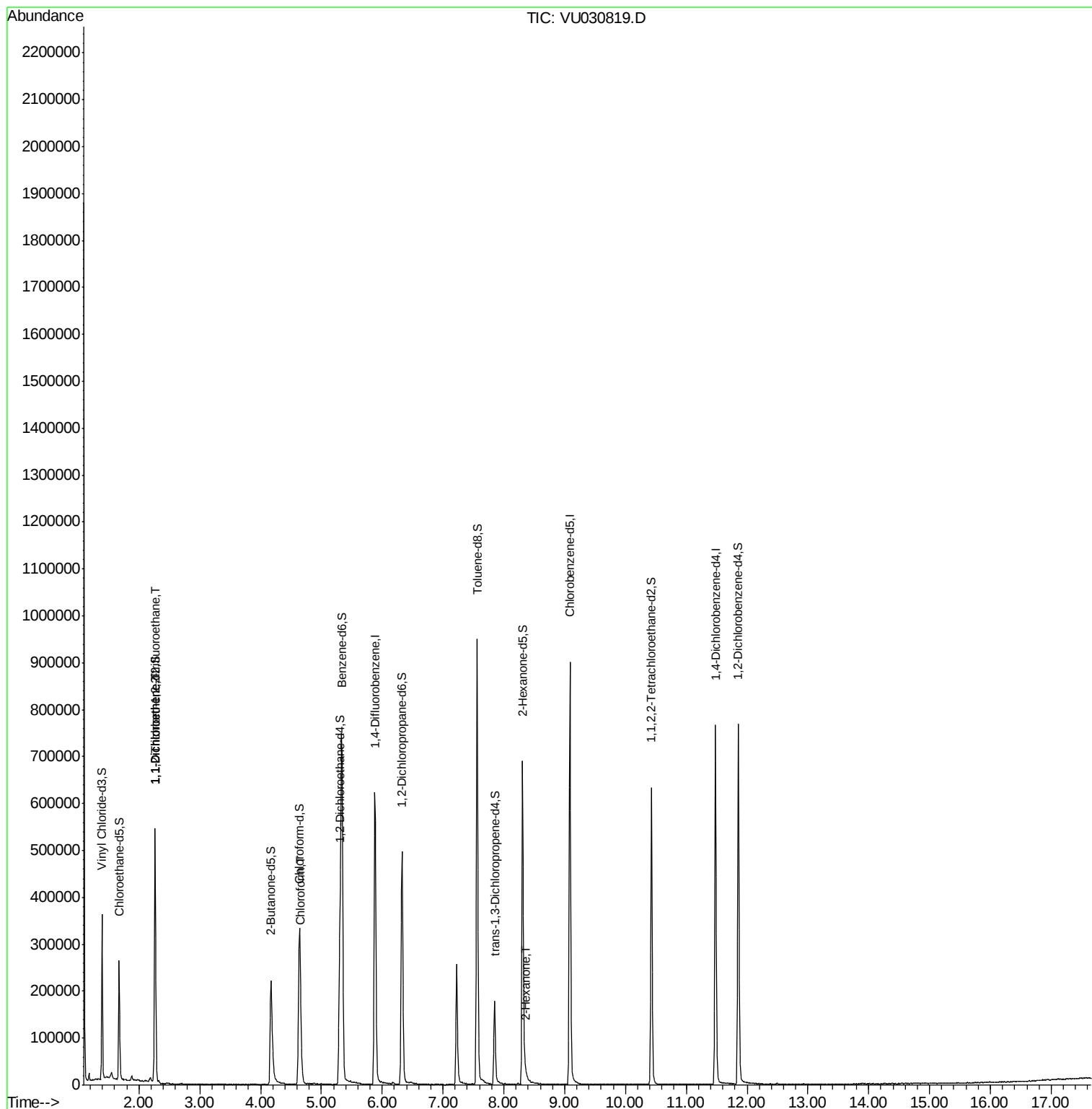
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2826	0.793 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2540	0.738 ug/L #	1
25) Chloroform	4.67	83	34502	4.555 ug/L	99
48) 2-Hexanone	8.36	43	6465	1.130 ug/L #	58

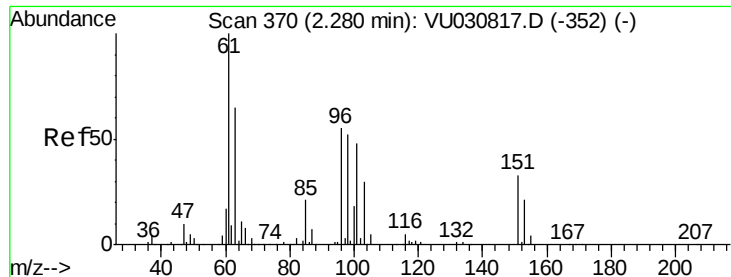
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.793 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

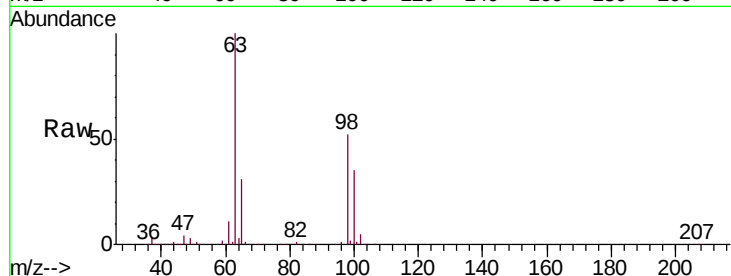
Tgt Ion: 101 Resp: 2826

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

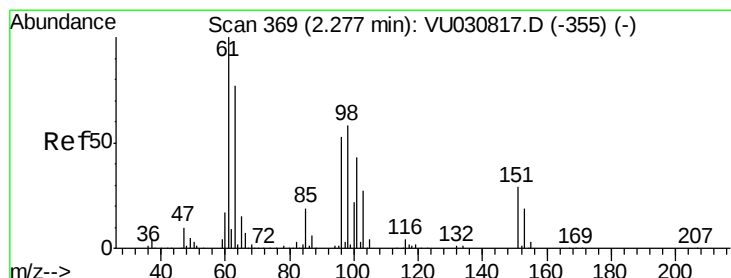
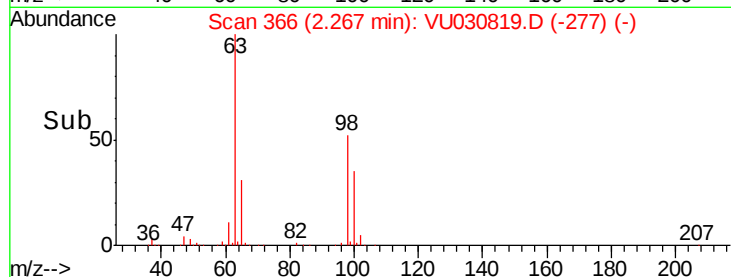
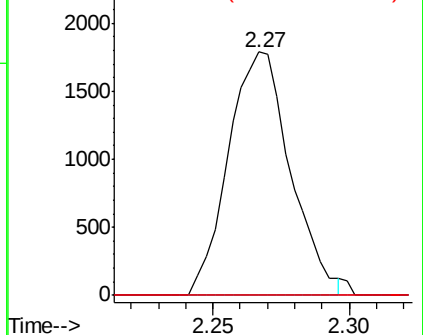
151 0.0 57.4 86.0#



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: 0.738 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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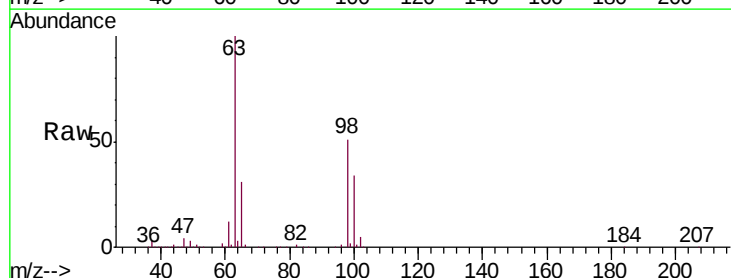
Tgt Ion: 96 Resp: 2540

Ion Ratio Lower Upper

96 100

61 1474.7 132.0 245.2#

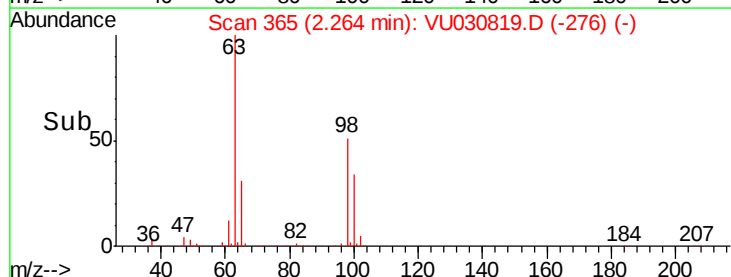
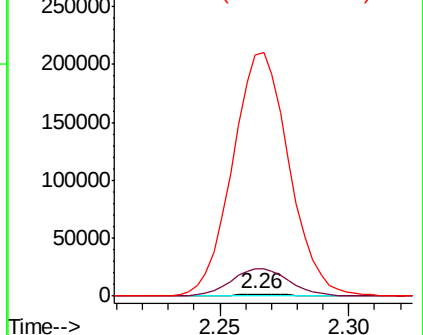
63 12752.8 90.9 168.9#

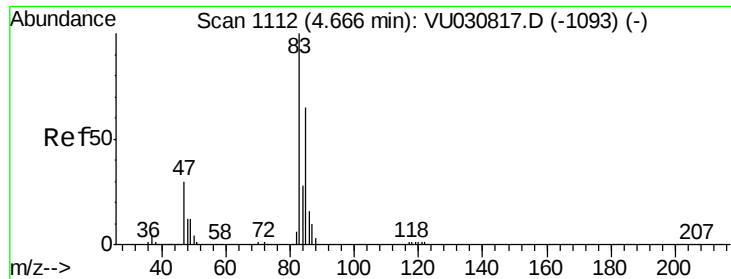


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 4.555 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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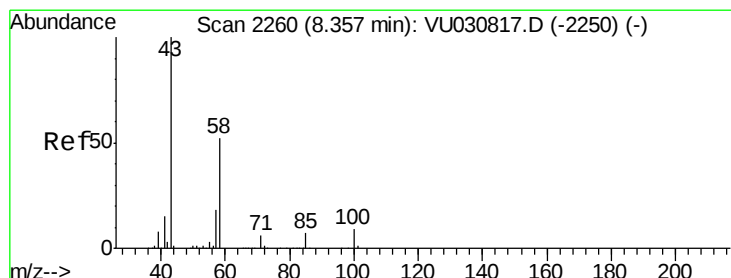
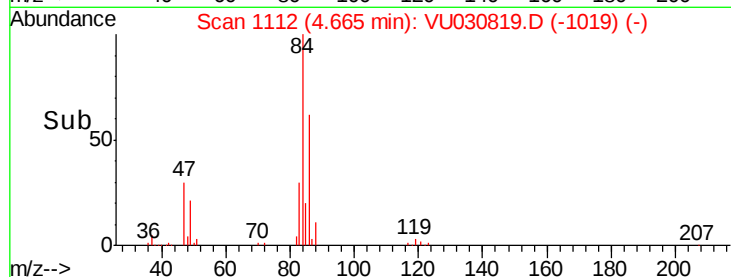
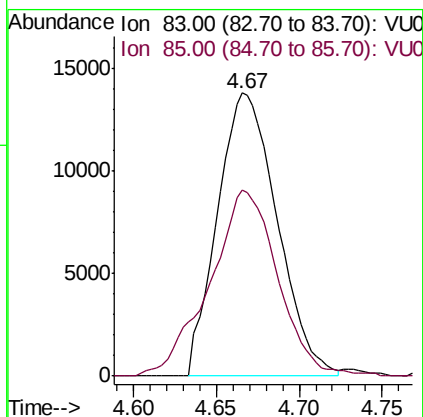
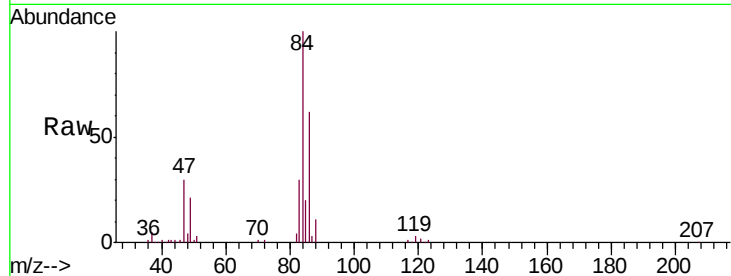
VHBLK01

Tgt Ion: 83 Resp: 34502

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.0



#48

2-Hexanone

Concen: 1.130 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 6465

Ion Ratio Lower Upper

43 100

58 17.2 41.9 62.9#

57 5.3 14.3 21.5#

100 1.4 7.1 10.7#

