

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092619\
 Data File : VU034836.D
 Acq On : 26 Sep 2019 11:14
 Operator : JC/SP
 Sample : VU0926WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 15:52:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 15:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	482524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	452222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201972	50.00	ug/L	0.00

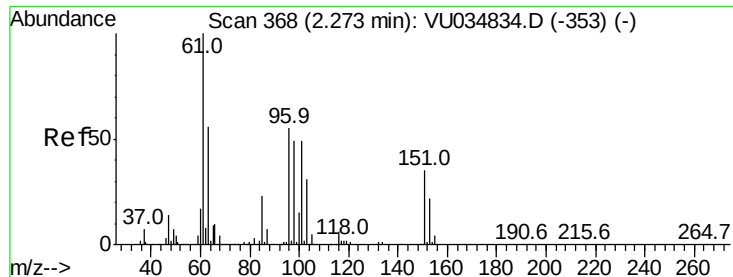
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	192536	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.96%
7) Chloroethane-d5	1.93	69	217	0.06	ug/L	0.26
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.38	63	244	0.03	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.15	46	425241	112.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	4.62	84	364999	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.28	65	251420	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.32	84	763766	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.98%
36) 1,2-Dichloropropane-d6	6.31	67	270480	55.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.42%
41) Toluene-d8	7.54	98	729943	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%
43) trans-1,3-Dichloropropene-	7.83	79	120747	51.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.92%
47) 2-Hexanone-d5	8.29	63	276171	112.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	366286	53.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.76%
64) 1,2-Dichlorobenzene-d4	11.84	152	240777	56.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.70%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2757	0.838 ug/L #	23
12) 1,1-Dichloroethene	2.26	96	2544	0.806 ug/L #	1
48) 2-Hexanone	8.29	43	33998	4.882 ug/L #	69

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



#10

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

Concen: 0.838 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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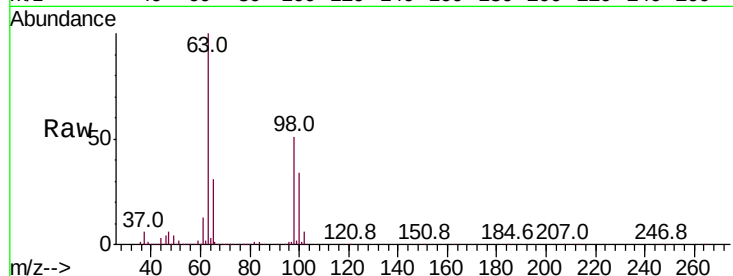
Tot Ion:101 Resp: 2757

Ion Ratio Lower Upper

101 100

85 2.4 39.0 58.4#

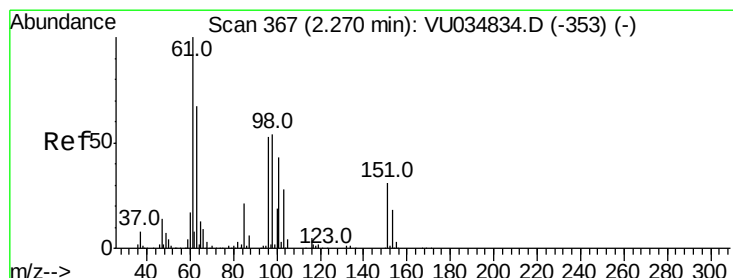
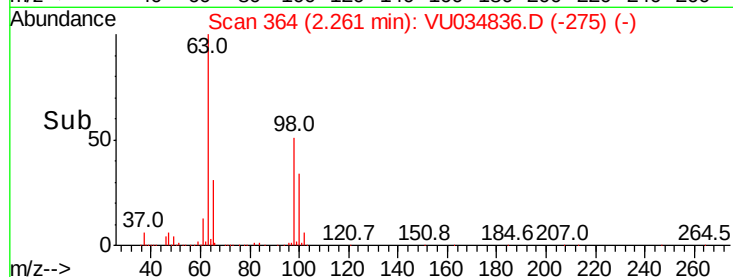
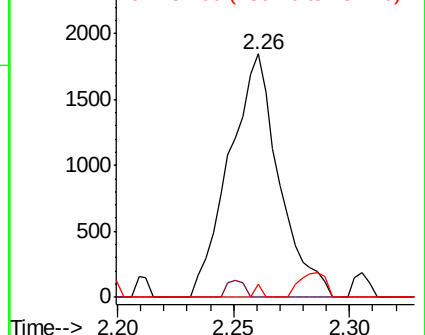
151 0.0 52.8 79.2#



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: 0.806 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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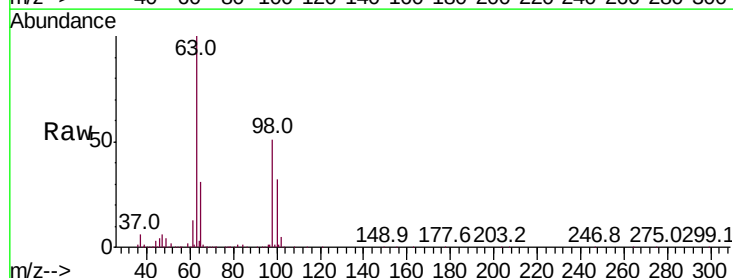
Tgt Ion: 96 Resp: 2544

Ion Ratio Lower Upper

96 100

61 1467.3 153.2 284.4#

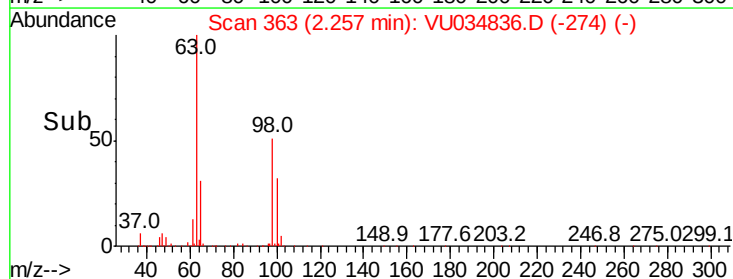
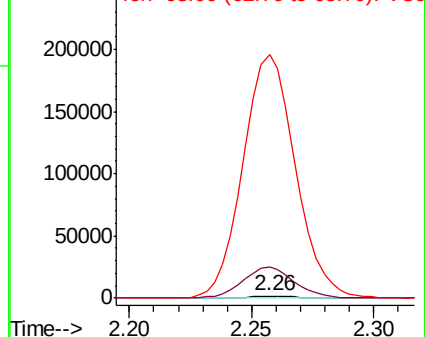
63 11431.8 113.8 211.3#

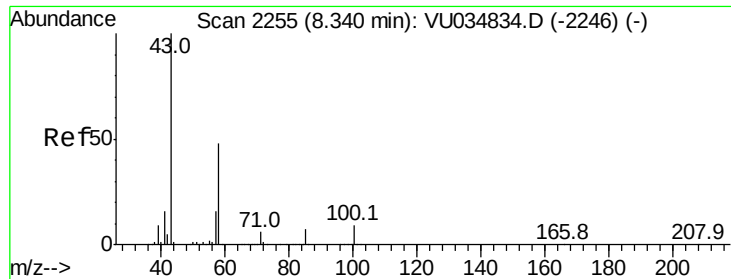


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#48
 2-Hexanone
 Concen: 4.882 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
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Instrument :
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Tot Ion: 43 Resp: 33998
 Ion Ratio Lower Upper
 43 100
 58 20.5 35.3 52.9#
 57 22.6 12.1 18.1#
 100 0.0 6.2 9.4#

