

Data File : VU029696.D
Acq On : 26 Feb 2019 20:48
Operator : JC/SP
Sample : K1625-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 27 01:58:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136458	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.96%
7) Chloroethane-d5	1.68	69	129144	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.12%
11) 1,1-Dichloroethene-d2	2.27	63	202356	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	4.17	46	259678	125.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.01%
24) Chloroform-d	4.65	84	276868	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
26) 1,2-Dichloroethane-d4	5.31	65	176620	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.34	84	588101	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
36) 1,2-Dichloropropane-d6	6.33	67	185734	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.92%
41) Toluene-d8	7.56	98	549977	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%
43) trans-1,3-Dichloropropene-	7.85	79	82134	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.46%
47) 2-Hexanone-d5	8.31	63	219628	117.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291121	51.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	227939	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

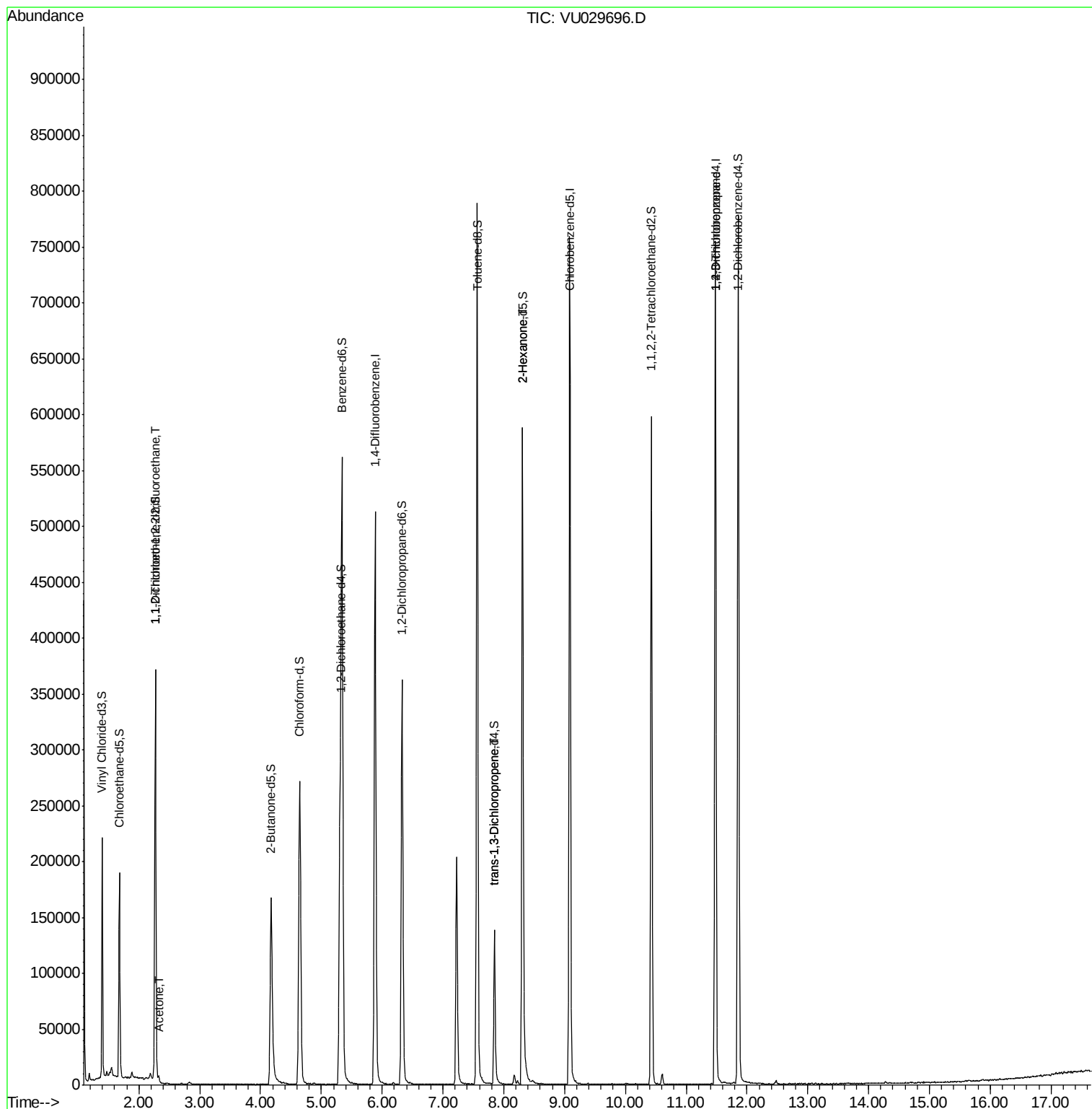
Target Compounds

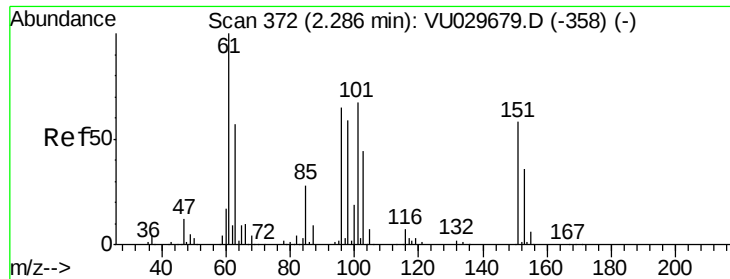
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1932	0.595	ug/L #	17
13) Acetone	2.32	43	4608	2.076	ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	3338	0.737	ug/L	90
48) 2-Hexanone	8.31	43	22742	6.218	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21532	5.072	ug/L	93

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

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#10

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

Concen: 0.595 ug/L

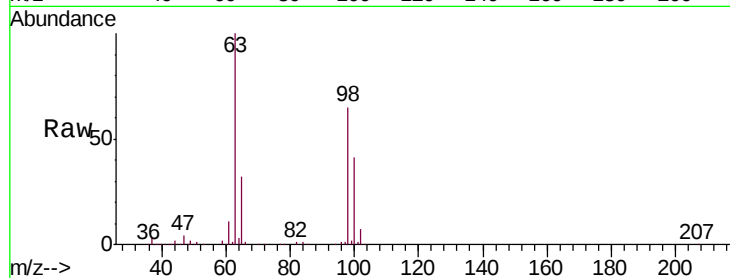
RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 26 Feb 2019 20:48

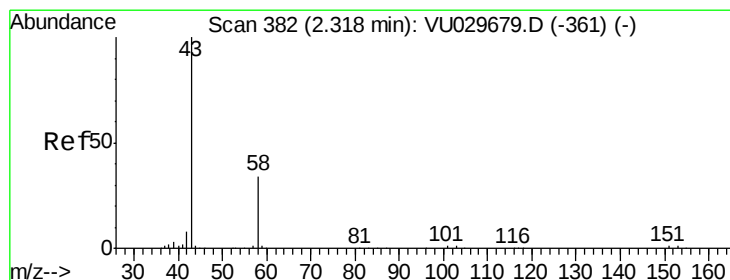
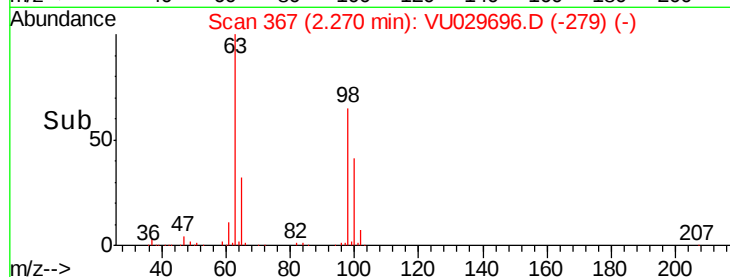
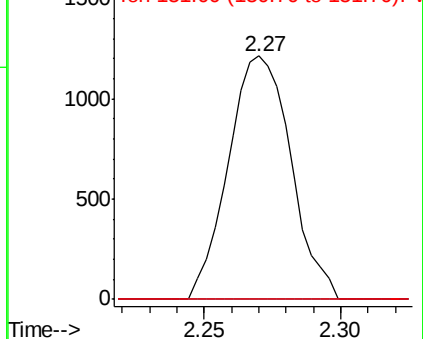
Tgt Ion:	101	Resp:	1932
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#



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



#13

Acetone

Concen: 2.076 ug/L

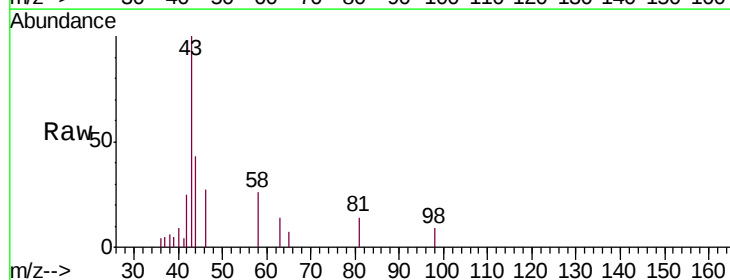
RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029696.D

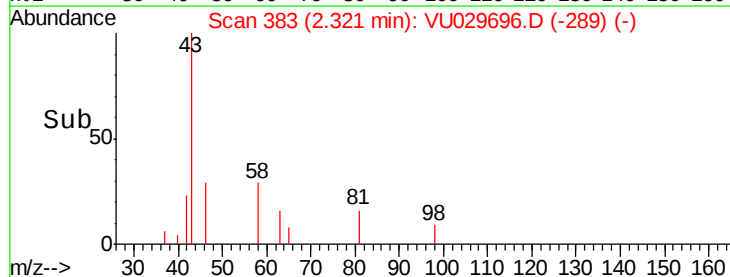
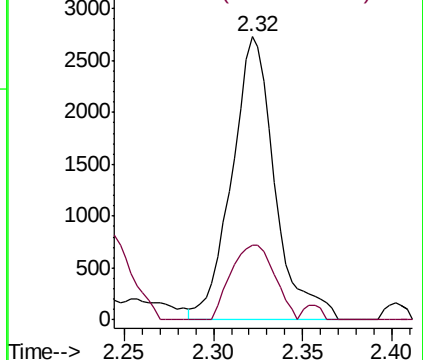
Acq: 26 Feb 2019 20:48

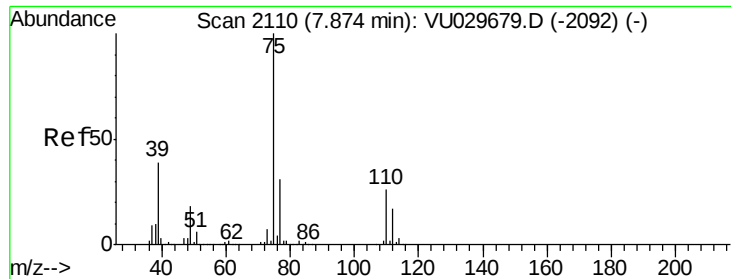
Tgt Ion:	43	Resp:	4608
Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029696.D

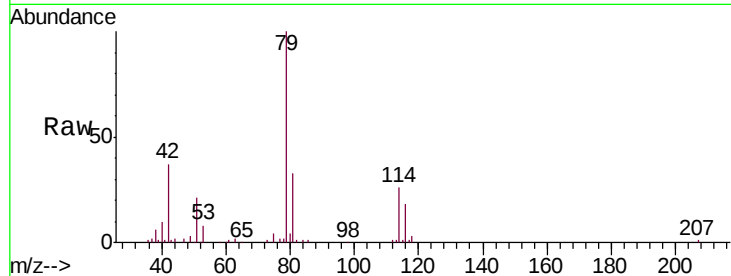
Acq: 26 Feb 2019 20:48

Tgt Ion: 75 Resp: 3338

Ion Ratio Lower Upper

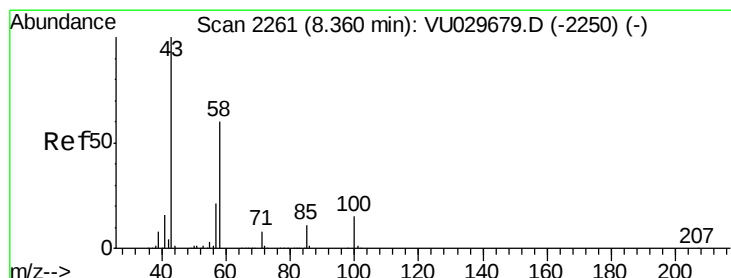
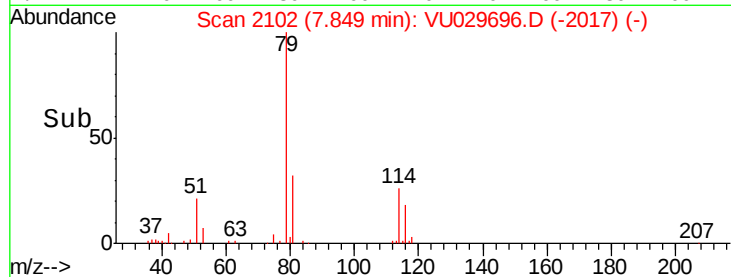
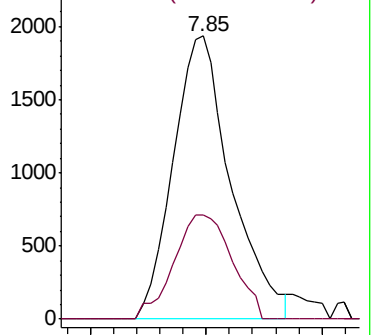
75 100

77 37.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 6.218 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

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Acq: 26 Feb 2019 20:48

Tgt Ion: 43 Resp: 22742

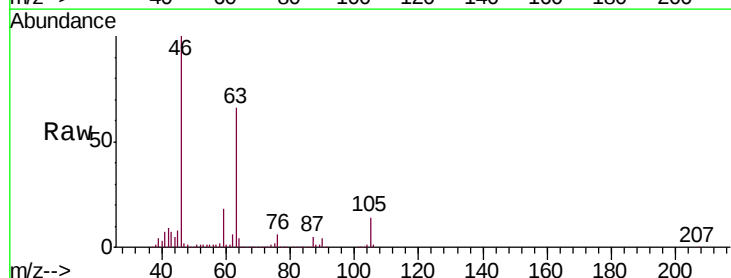
Ion Ratio Lower Upper

43 100

58 28.7 46.4 69.6#

57 24.6 15.7 23.5#

100 0.4 10.9 16.3#

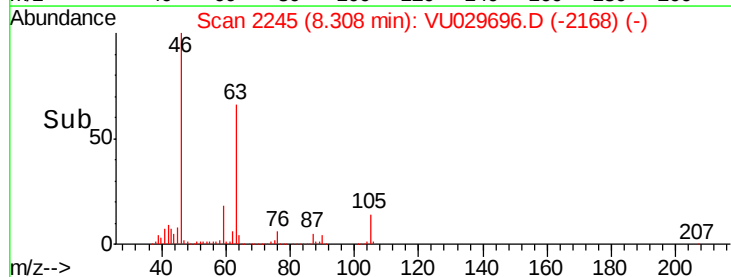
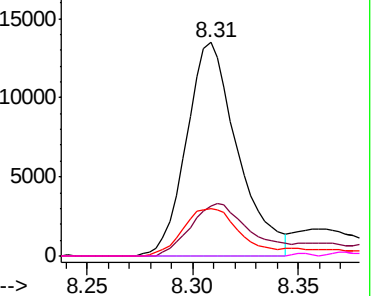


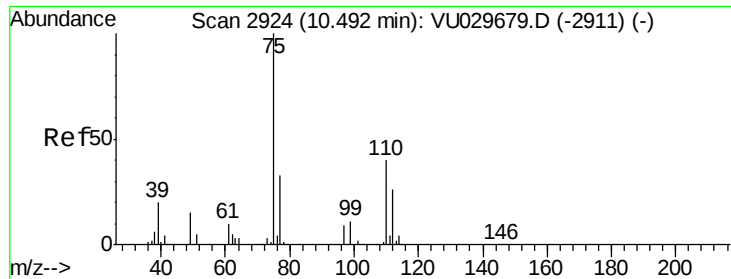
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 5.072 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029696.D
 Acq: 26 Feb 2019 20:48

Tgt Ion: 75 Resp: 21532
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.7 38.5

