

Data File : VU031752.D
Acq On : 03 May 2019 16:04
Operator : JC/SP
Sample : K2694-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG5

Quant Time: May 04 02:40:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	796808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	753522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	288498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	319405	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	255852	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.30%
11) 1,1-Dichloroethene-d2	2.27	63	461118	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.44%
21) 2-Butanone-d5	4.19	46	635933	105.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.25%
24) Chloroform-d	4.64	84	536739	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.31	65	373306	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.34	84	1098663	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.33	67	391658	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.56	98	922657	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%
43) trans-1,3-Dichloropropene-	7.85	79	159155	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.31	63	381536	108.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	510114	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	295940	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

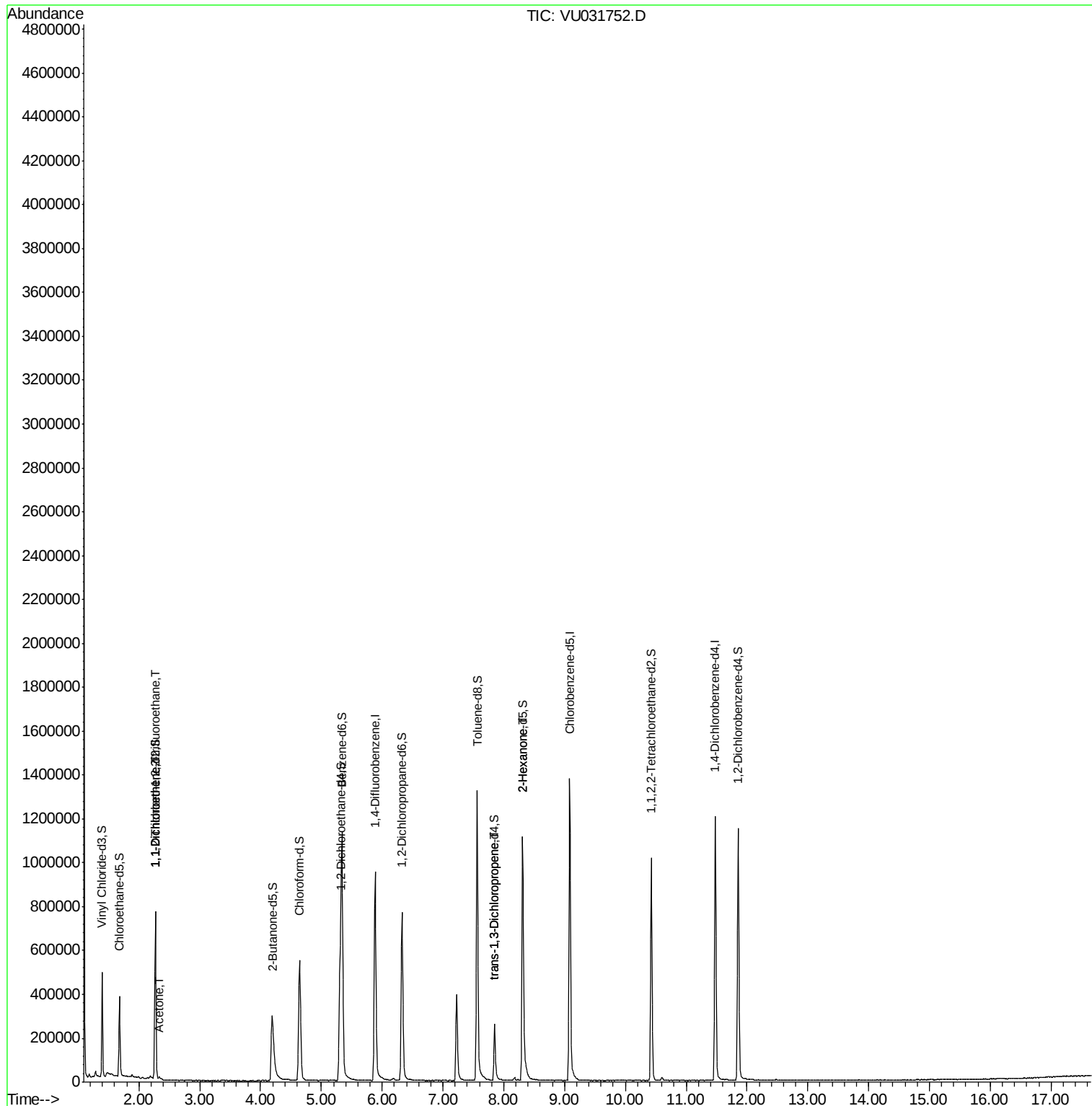
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3785	0.593 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3486	0.561 ug/L #	1
13) Acetone	2.35	43	7746	1.138 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6699	0.711 ug/L	88
48) 2-Hexanone	8.31	43	49822	5.091 ug/L #	77

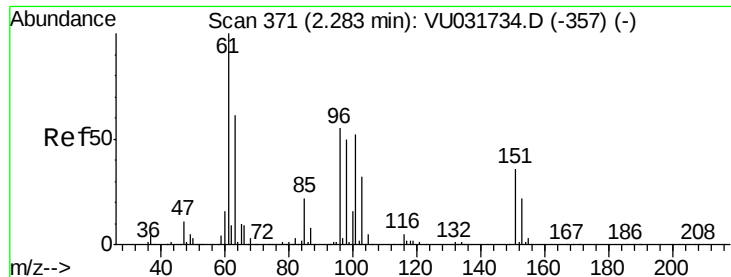
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.593 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

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BFHG5

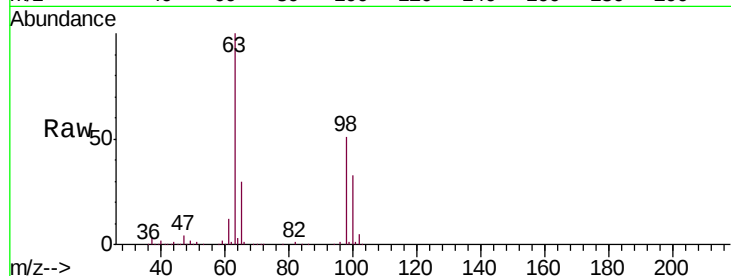
Tgt Ion: 101 Resp: 3785

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

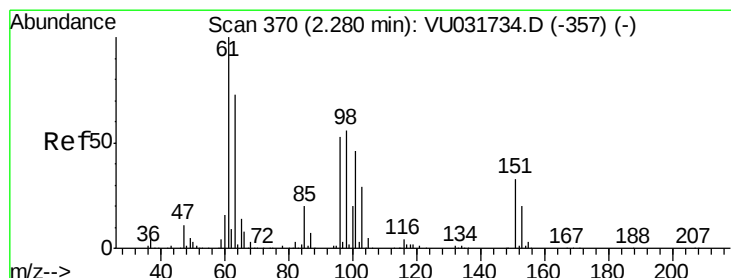
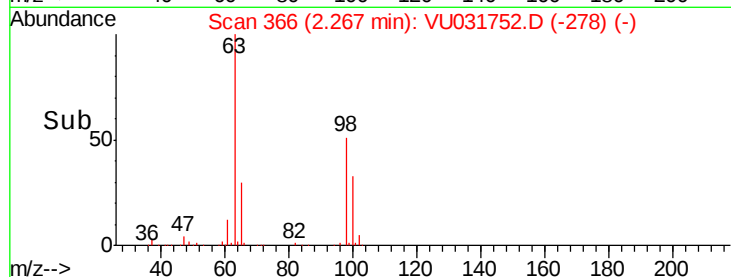
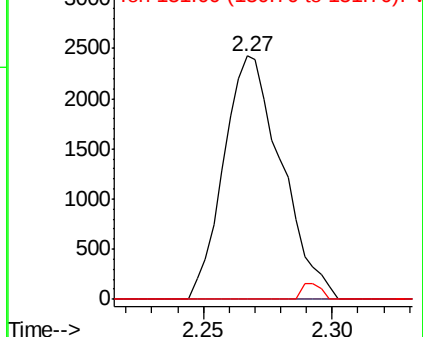
151 2.1 56.1 84.1#



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: 0.561 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031752.D

Acq: 03 May 2019 16:04

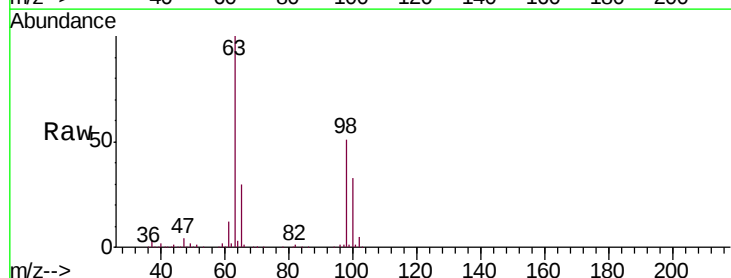
Tgt Ion: 96 Resp: 3486

Ion Ratio Lower Upper

96 100

61 1583.2 135.0 250.6#

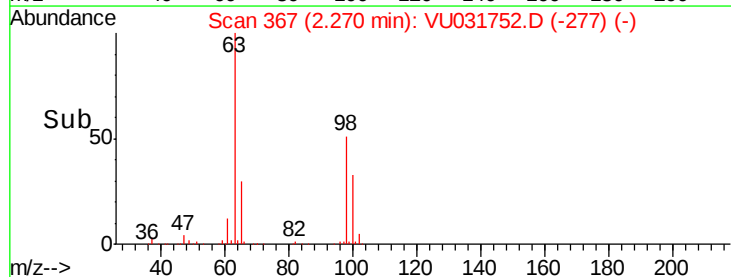
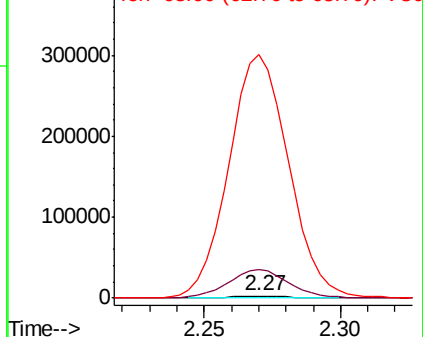
63 13413.2 103.5 192.3#

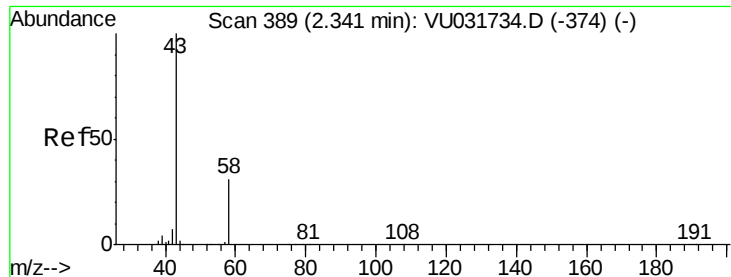


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.138 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

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Acq: 03 May 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

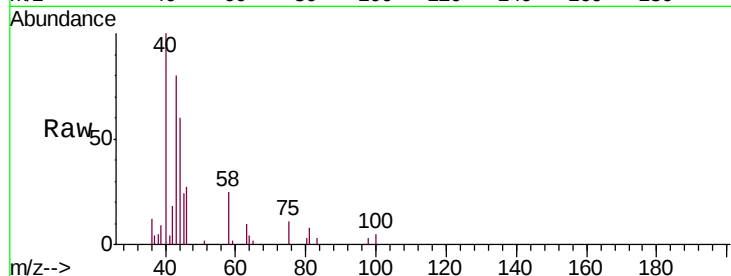
BFHG5

Tgt Ion: 43 Resp: 7746

Ion Ratio Lower Upper

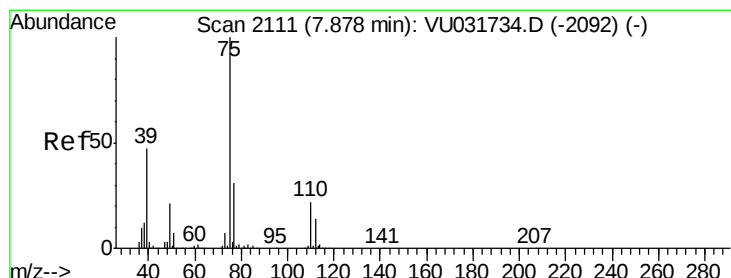
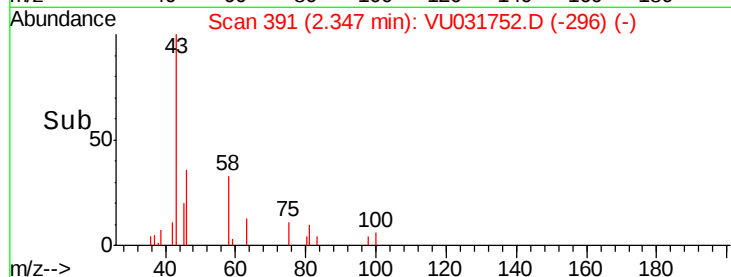
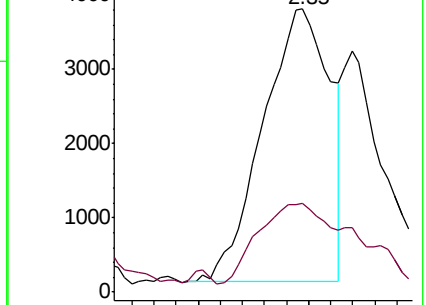
43 100

58 30.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031734.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031734.D (-374) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031752.D

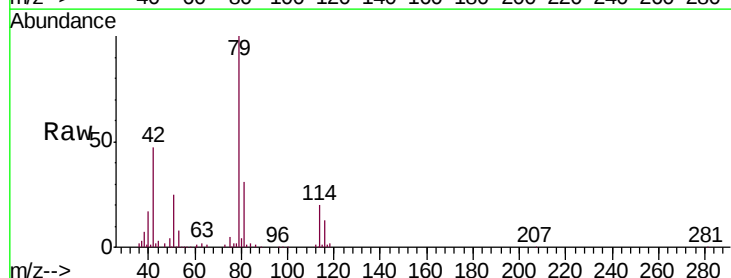
Acq: 03 May 2019 16:04

Tgt Ion: 75 Resp: 6699

Ion Ratio Lower Upper

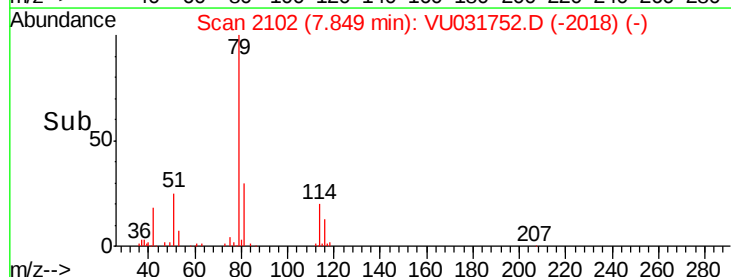
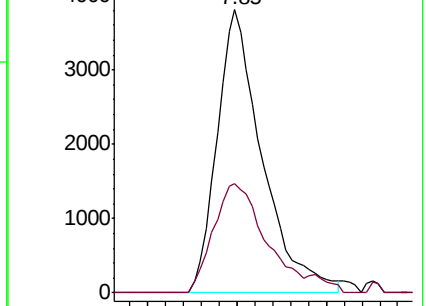
75 100

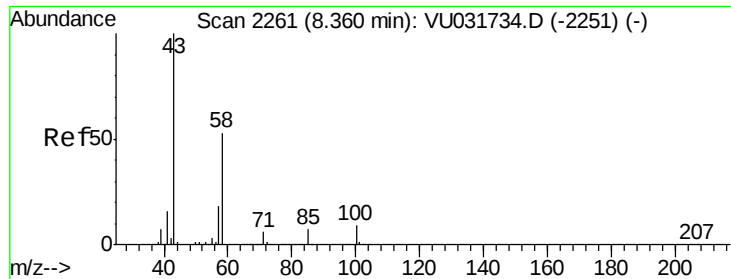
77 38.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031734.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031734.D (-2092) (-)





#48
 2-Hexanone
 Concen: 5.091 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031752.D
 Acq: 03 May 2019 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG5

Tgt Ion:	43	Resp:	49822
Ion	Ratio	Lower	Upper
43	100		
58	34.8	42.1	63.1#
57	26.2	14.6	22.0#
100	0.2	7.2	10.8#

