

Data File : VU031906.D
Acq On : 10 May 2019 22:18
Operator : JC/SP
Sample : K2741-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH1

Quant Time: May 11 02:50:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	978146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1006185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	360629	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.10%
7) Chloroethane-d5	1.67	69	317109	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.26%
11) 1,1-Dichloroethene-d2	2.27	63	514189	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.17	46	636310	85.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.79%
24) Chloroform-d	4.64	84	679752	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.31	65	456044	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.33	84	1386922	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
36) 1,2-Dichloropropane-d6	6.32	67	468117	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.56	98	1130535	42.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.02%
43) trans-1,3-Dichloropropene-	7.85	79	184651	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.31	63	411915	87.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	662491	45.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	381702	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4632	0.591 ug/L #	22
13) Acetone	2.32	43	5744	0.687 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	8433	0.670 ug/L	100
48) 2-Hexanone	8.31	43	50150	3.838 ug/L #	79

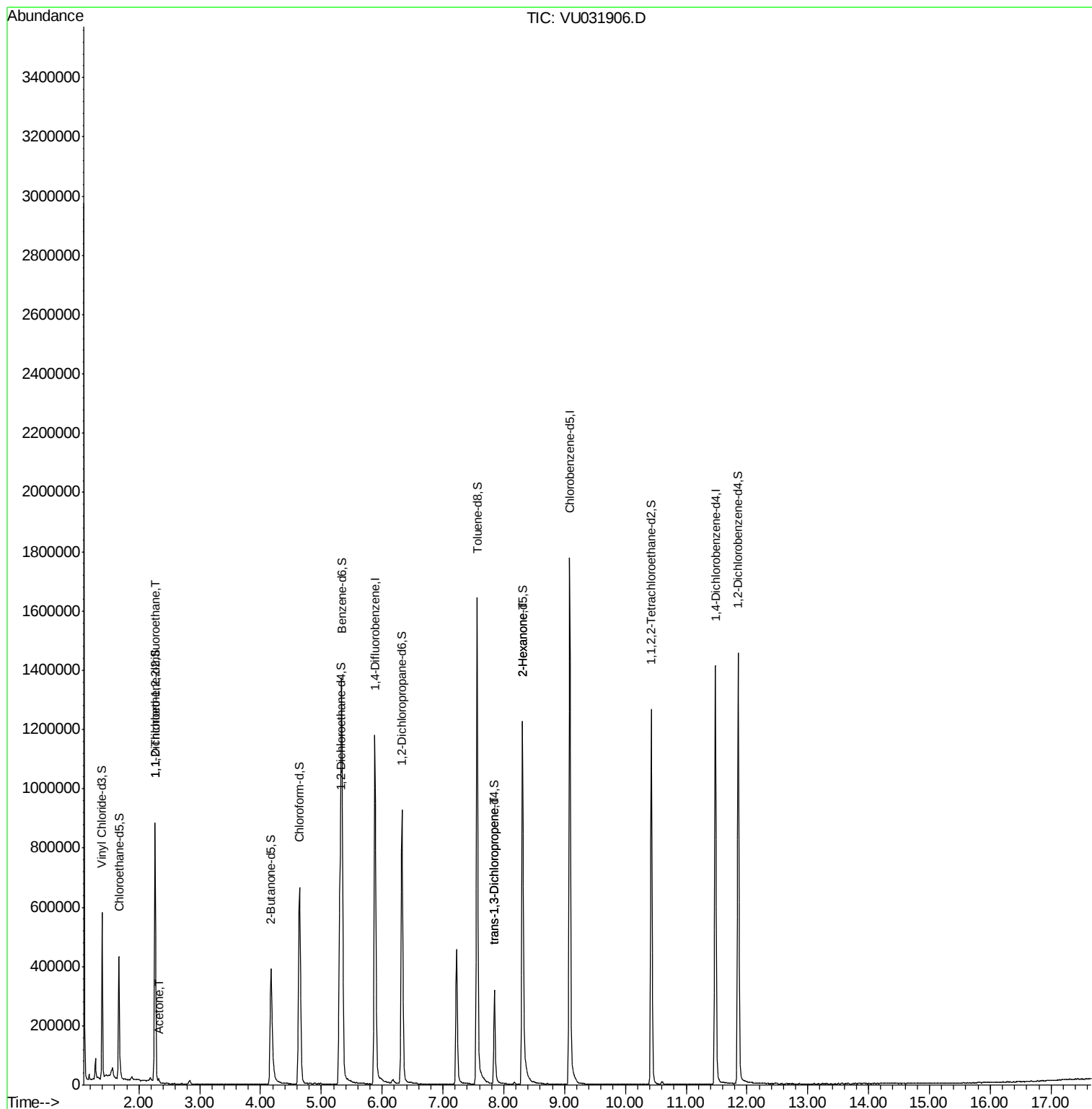
(#) = qualifier out of range (m) = manual integration (+) = signals summed

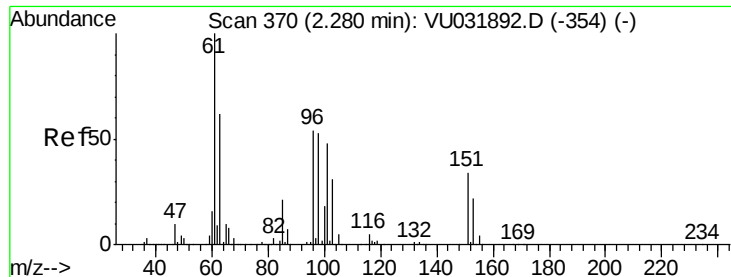
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#10

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

Concen: 0.591 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHH1

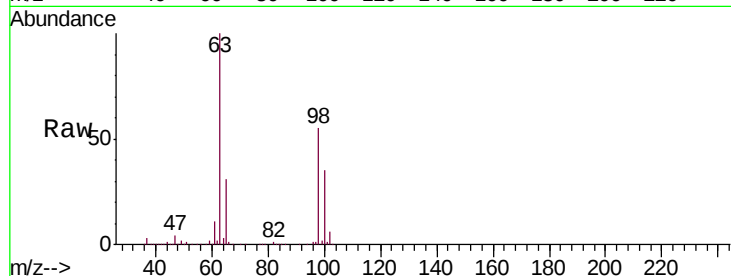
Tgt Ion:101 Resp: 4632

Ion Ratio Lower Upper

101 100

85 1.8 36.1 54.1#

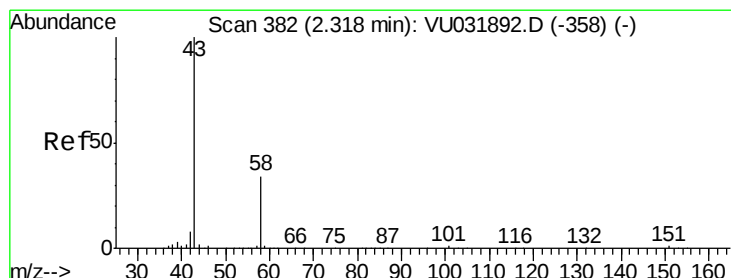
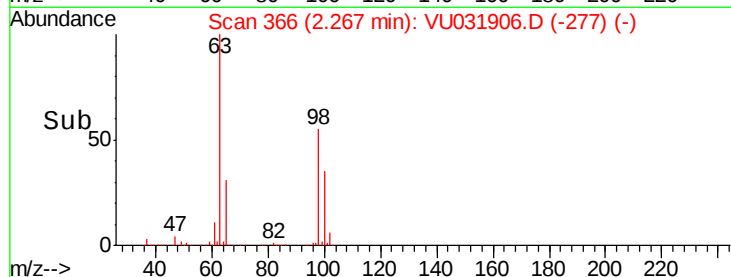
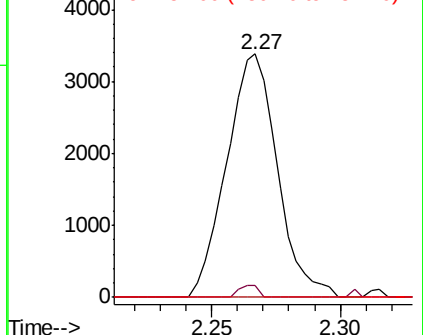
151 0.0 56.1 84.1#



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



#13

Acetone

Concen: 0.687 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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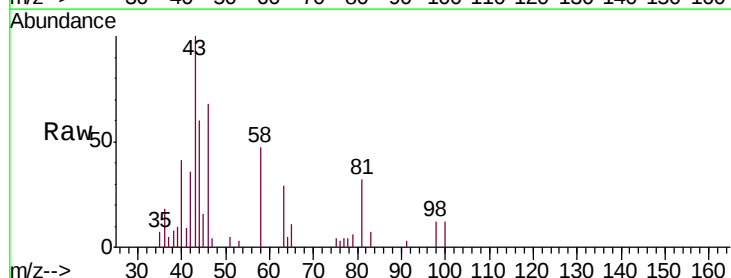
Acq: 10 May 2019 22:18

Tgt Ion: 43 Resp: 5744

Ion Ratio Lower Upper

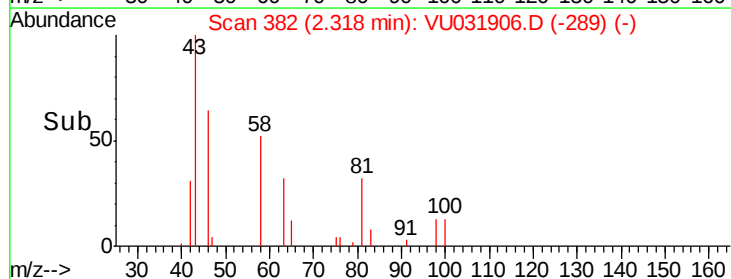
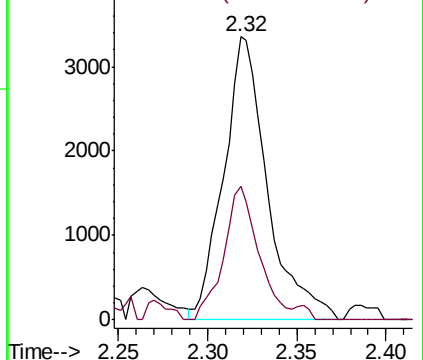
43 100

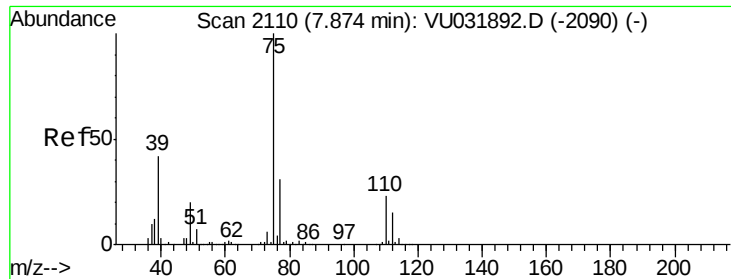
58 37.7 0.0 64.4



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: 0.670 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

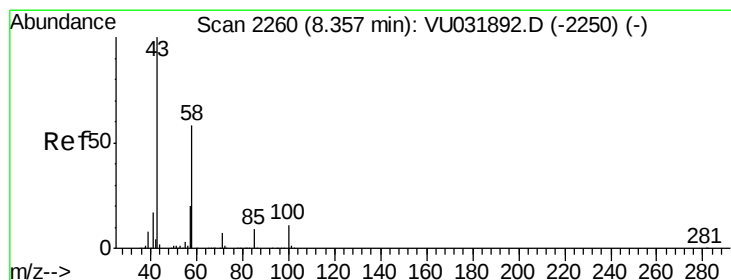
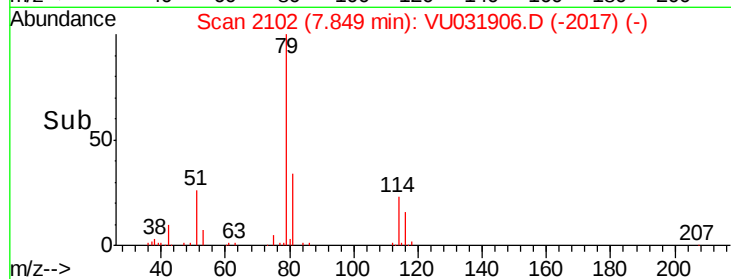
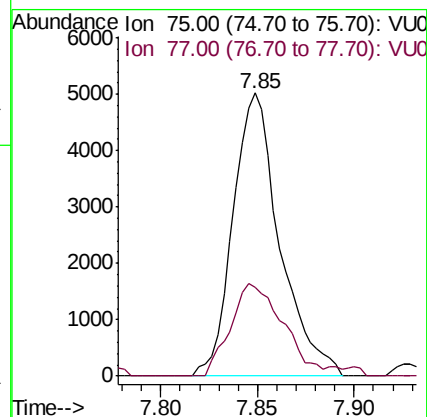
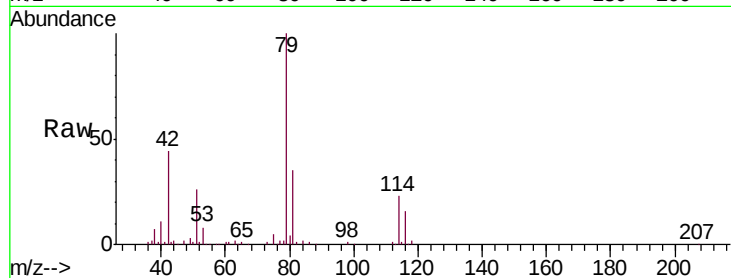
BFHH1

Tgt Ion: 75 Resp: 8433

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



#48

2-Hexanone

Concen: 3.838 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU031906.D

Acq: 10 May 2019 22:18

Tgt Ion: 43 Resp: 50150

Ion Ratio Lower Upper

43 100

58 42.2 42.1 63.1

57 34.6 14.6 22.0#

100 0.9 7.2 10.8#

