

Data File : VU031753.D
Acq On : 03 May 2019 16:27
Operator : JC/SP
Sample : K2694-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH2

Quant Time: May 04 02:40:54 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	773757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	748416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307068	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.68	69	249592	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.76%
11) 1,1-Dichloroethene-d2	2.27	63	450234	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.19	46	635853	108.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.37%
24) Chloroform-d	4.64	84	526209	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.31	65	361833	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.34	84	1077058	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.33	67	381290	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.56	98	881404	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	7.85	79	152406	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.31	63	383831	109.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	505042	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	289179	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%

Target Compounds

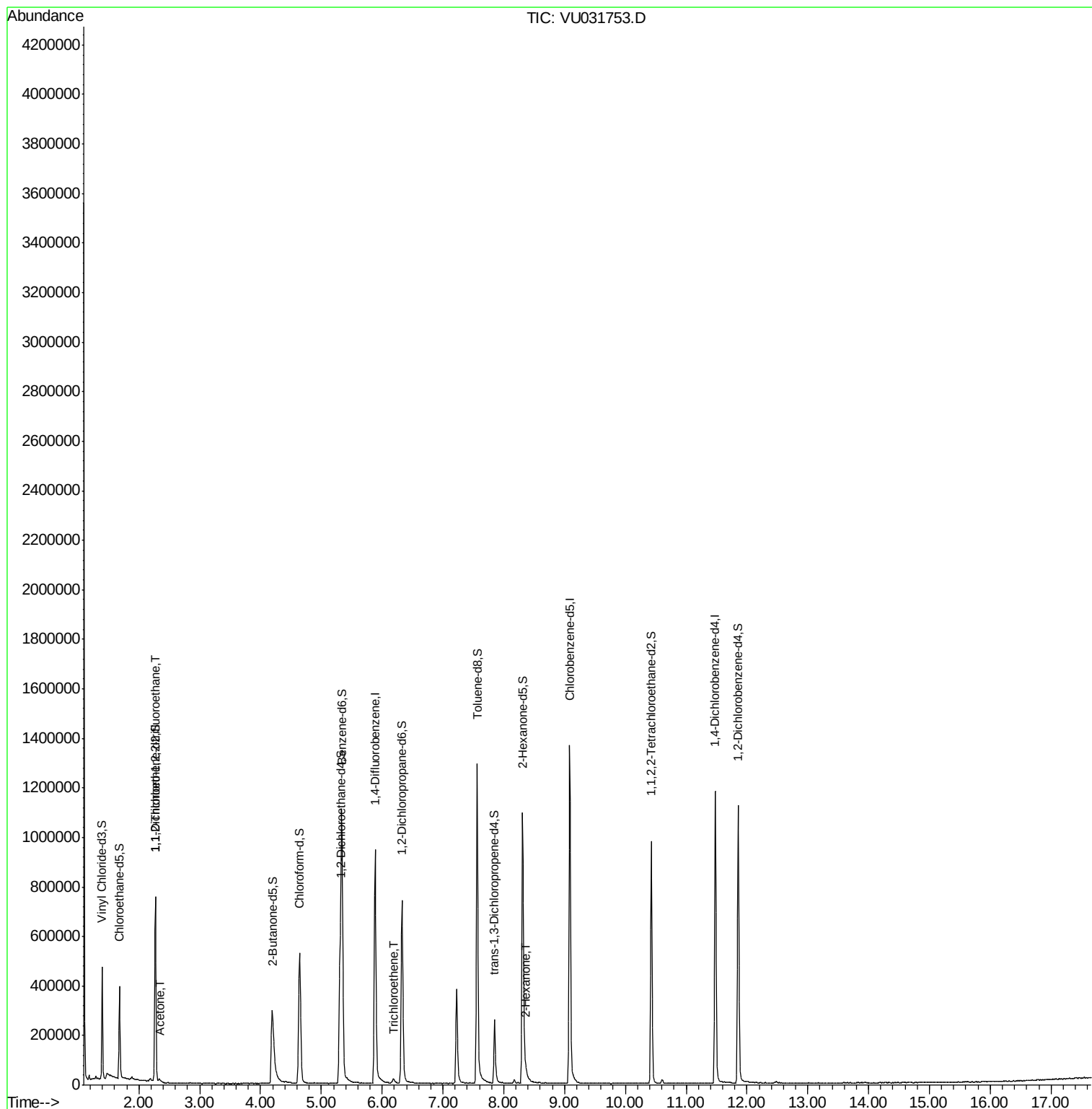
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3642	0.587	ug/L #	23
13) Acetone	2.35	43	8882	1.344	ug/L	96
34) Trichloroethene	6.19	95	4408	0.661	ug/L #	82
48) 2-Hexanone	8.37	43	20360	2.095	ug/L #	80

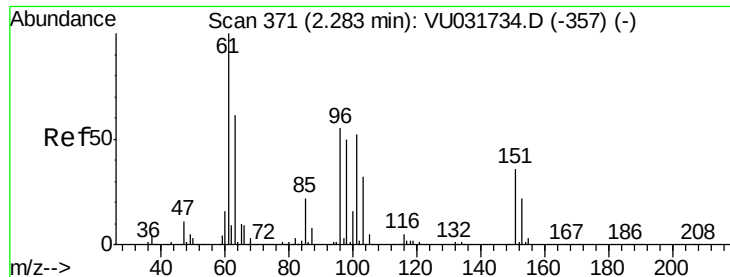
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.587 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

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BFHH2

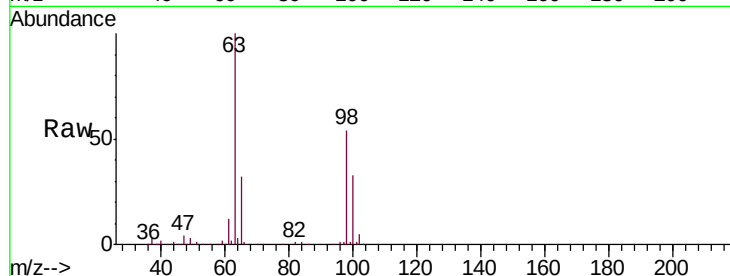
Tgt Ion:101 Resp: 3642

Ion Ratio Lower Upper

101 100

85 1.3 36.1 54.1#

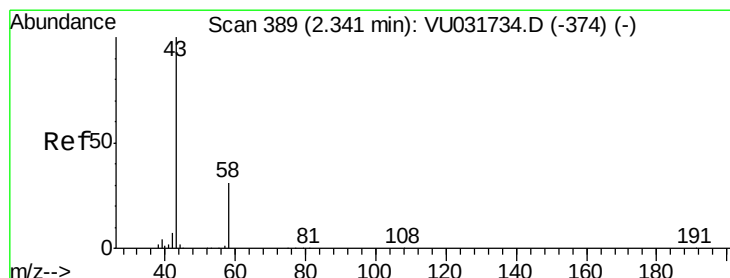
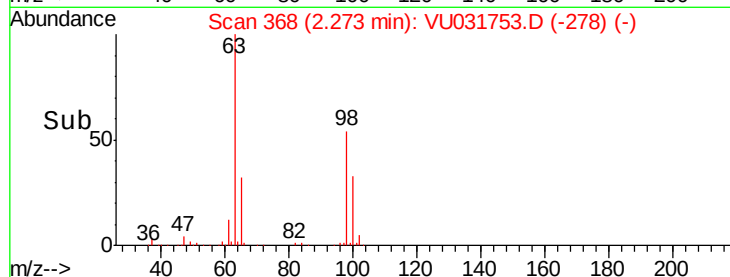
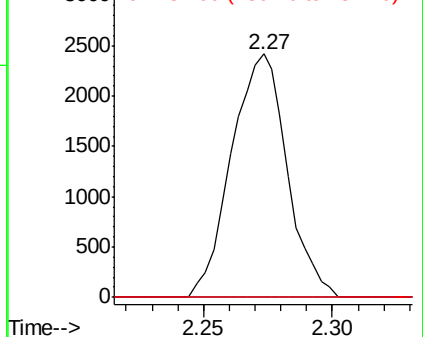
151 1.3 56.1 84.1#



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: 1.344 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.01 min

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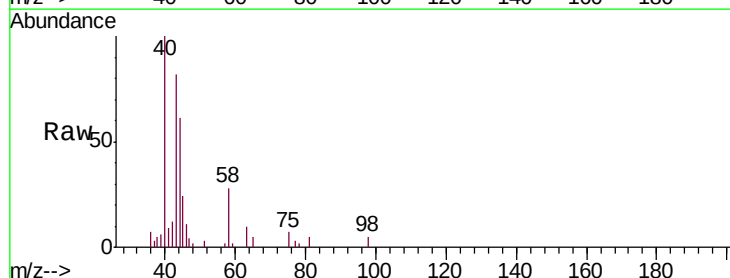
Acq: 03 May 2019 16:27

Tgt Ion: 43 Resp: 8882

Ion Ratio Lower Upper

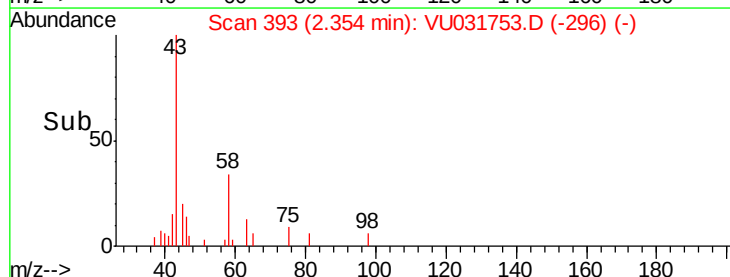
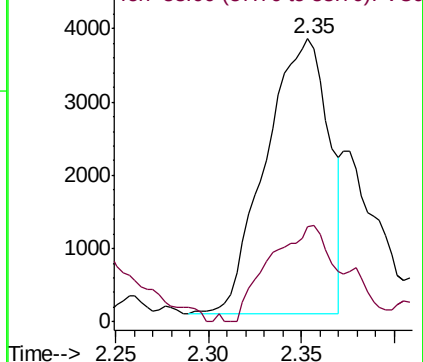
43 100

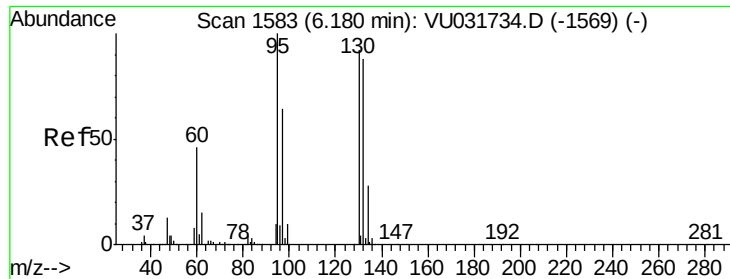
58 34.7 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 0.661 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHH2

Tgt Ion: 95 Resp: 4408

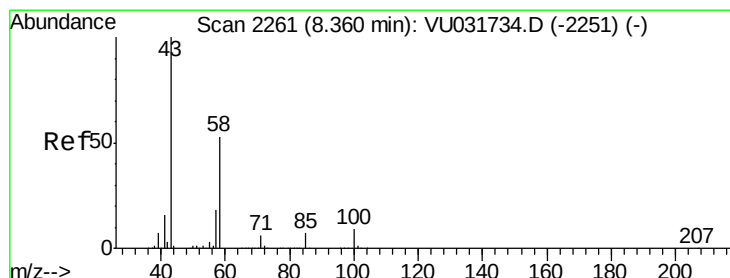
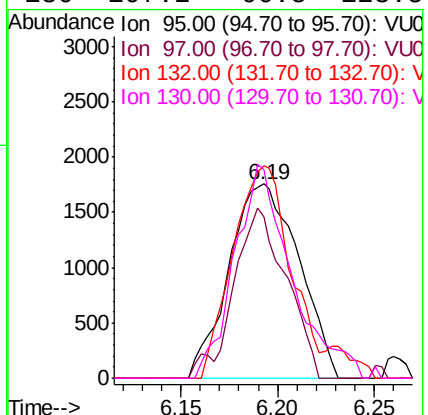
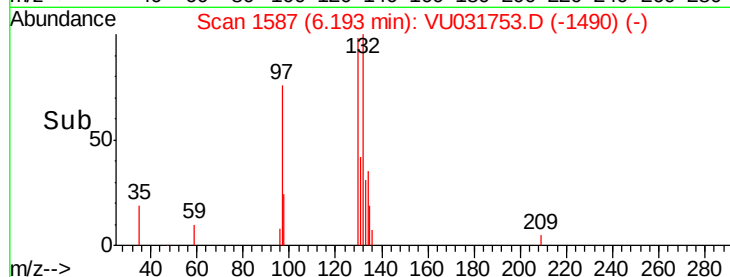
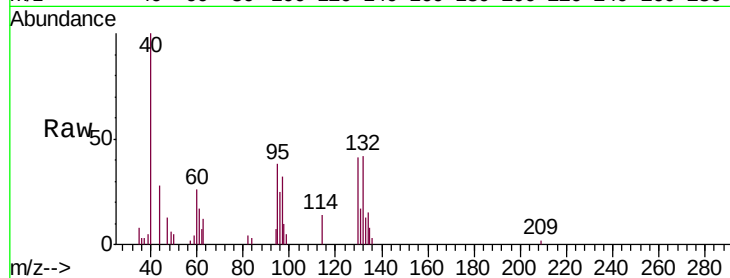
Ion Ratio Lower Upper

95 100

97 83.3 44.8 83.2#

132 109.2 63.1 117.1

130 107.2 66.5 123.5



#48

2-Hexanone

Concen: 2.095 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 20360

Ion Ratio Lower Upper

43 100

58 41.7 42.1 63.1#

57 3.2 14.6 22.0#

100 2.6 7.2 10.8#

