

Data File : VU031754.D
Acq On : 03 May 2019 16:50
Operator : JC/SP
Sample : K2694-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG0

Quant Time: May 04 02:41:01 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	774566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	755961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228159	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.40%
7) Chloroethane-d5	1.68	69	182286	36.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.78%
11) 1,1-Dichloroethene-d2	2.27	63	330076	25.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.14%#
21) 2-Butanone-d5	4.19	46	457359	77.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.87%
24) Chloroform-d	4.64	84	385075	32.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.86%#
26) 1,2-Dichloroethane-d4	5.31	65	266819	34.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.80%#
32) Benzene-d6	5.34	84	793545	34.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.36%#
36) 1,2-Dichloropropane-d6	6.33	67	273874	33.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.06%#
41) Toluene-d8	7.56	98	633971	31.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.72%#
43) trans-1,3-Dichloropropene-	7.85	79	109797	31.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
47) 2-Hexanone-d5	8.31	63	270171	76.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	366897	33.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	205633	32.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.74%#

Target Compounds

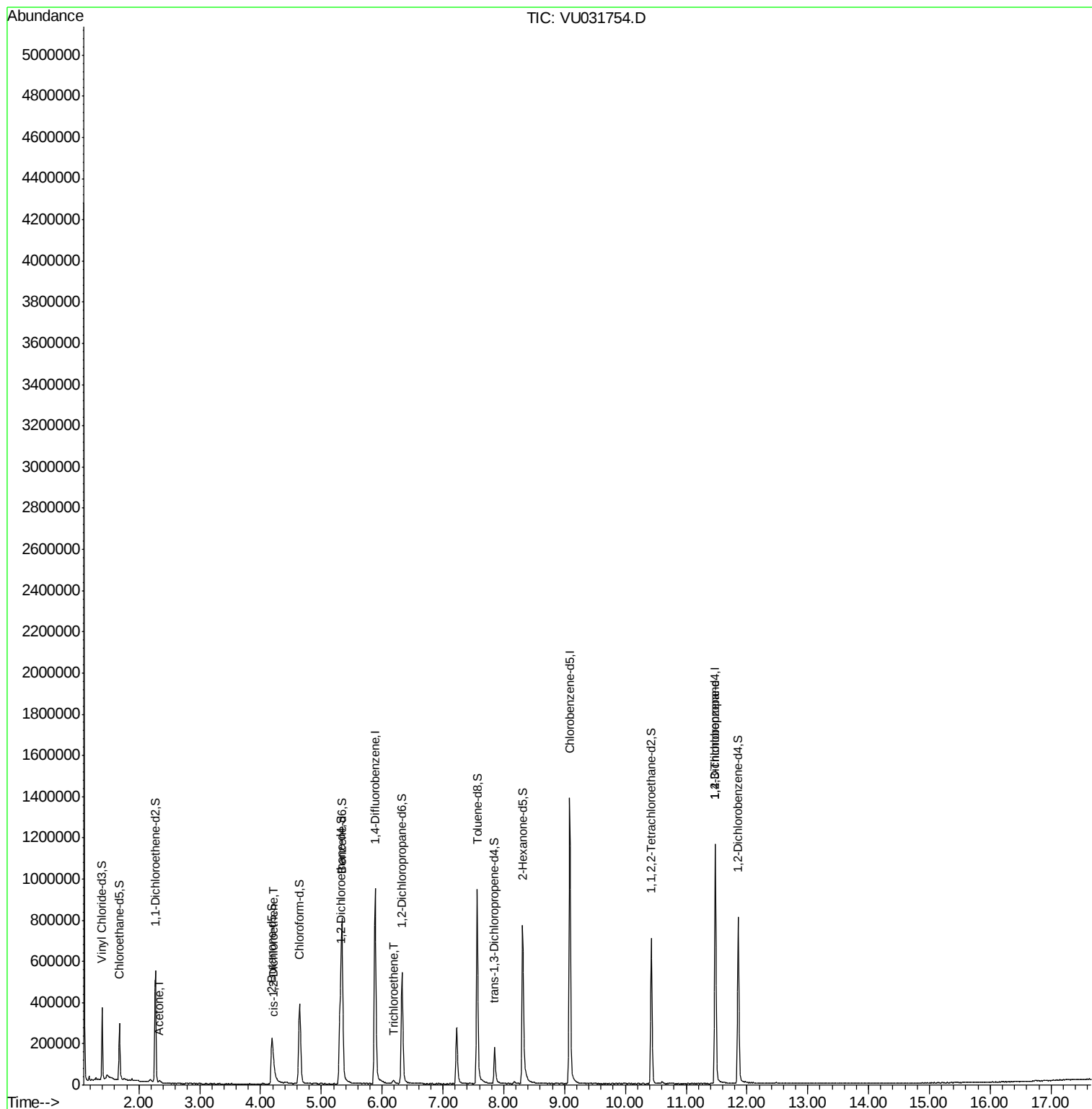
					Qvalue
13) Acetone	2.34	43	10690	1.616 ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	3767	0.558 ug/L	98
34) Trichloroethene	6.19	95	4474	0.664 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	40026	4.279 ug/L	90

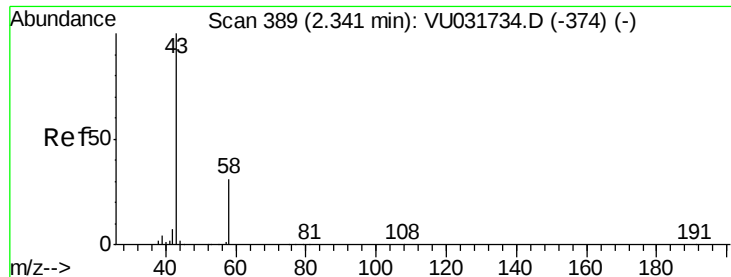
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.616 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

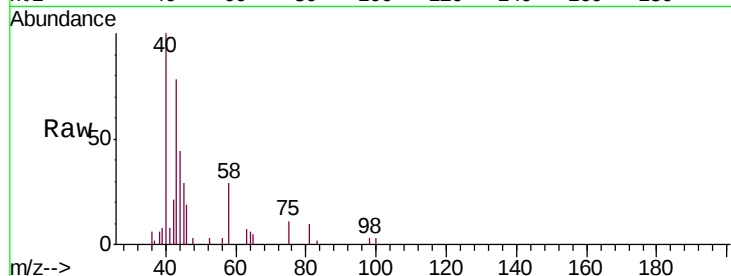
BFHG0

Tgt Ion: 43 Resp: 10690

Ion Ratio Lower Upper

43 100

58 35.7 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) (-)

2.34

4000

3000

2000

1000

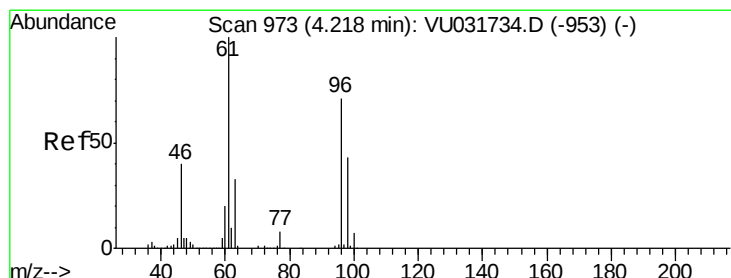
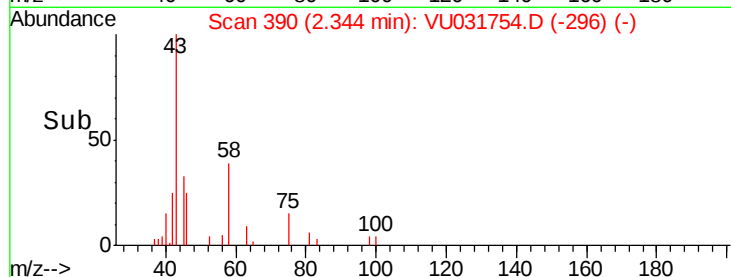
0

2.30

2.35

2.40

Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.558 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

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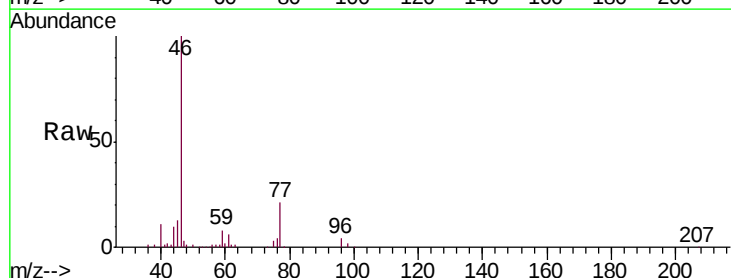
Tgt Ion: 96 Resp: 3767

Ion Ratio Lower Upper

96 100

61 140.2 99.5 184.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU031734.D (-953) (-)

4.23

3000

2500

2000

1500

1000

500

0

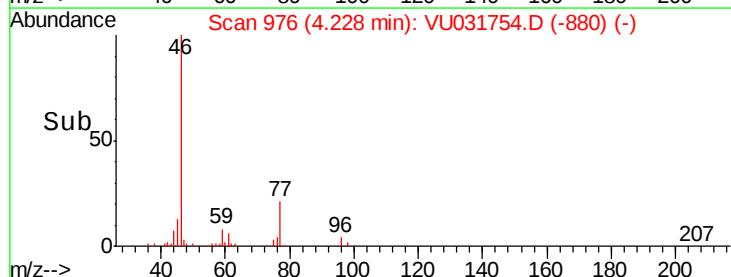
4.15

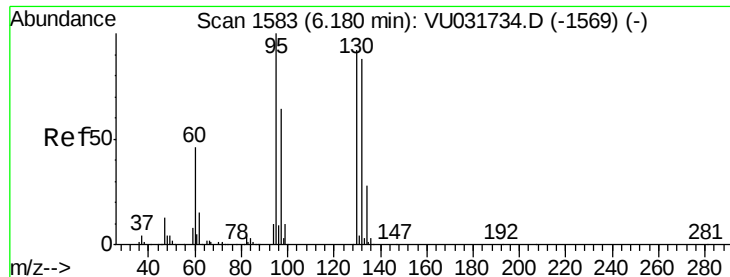
4.20

4.25

4.30

Time-->





#34

Trichloroethene

Concen: 0.664 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

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MSVOA_U

ClientSampleId :

BFHG0

Tgt Ion: 95 Resp: 4474

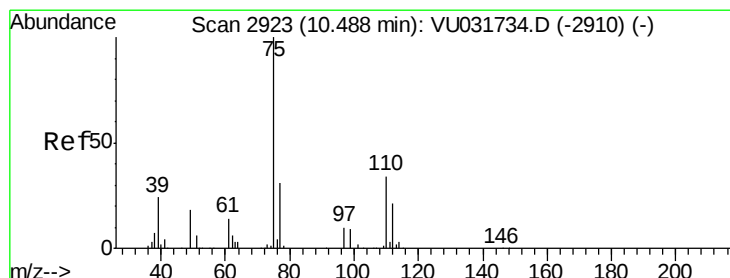
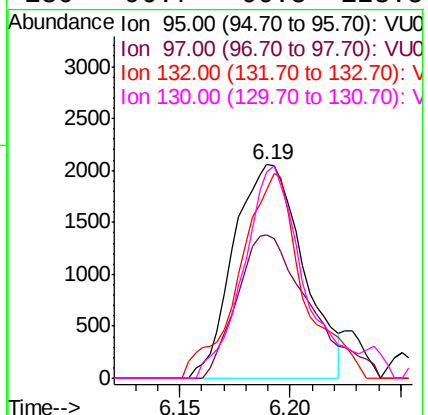
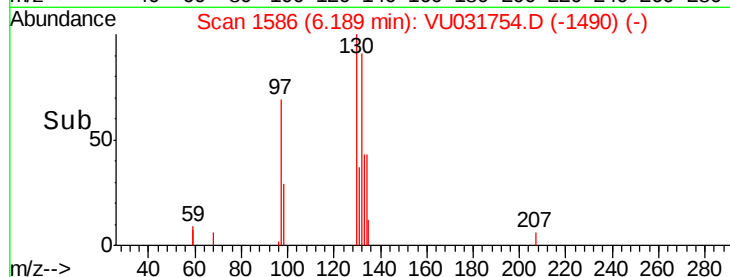
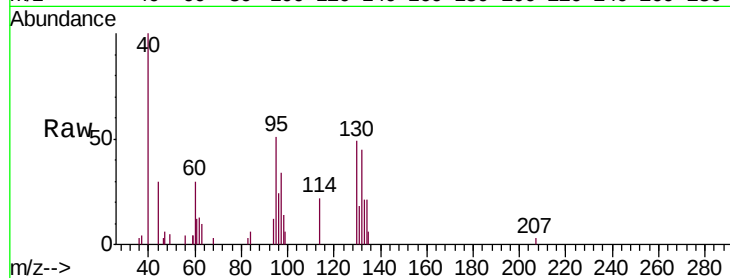
Ion Ratio Lower Upper

95 100

97 67.0 44.8 83.2

132 88.0 63.1 117.1

130 96.7 66.5 123.5



#59

1,2,3-Trichloropropane

Concen: 4.279 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 40026

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

