

Data File : VU029996.D
Acq On : 12 Mar 2019 03:16
Operator : JC/SP
Sample : K1796-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5R1

Quant Time: Mar 12 07:12:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504588	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174699	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.68%
7) Chloroethane-d5	1.68	69	141393	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.96%
11) 1,1-Dichloroethene-d2	2.27	63	234316	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.78%
21) 2-Butanone-d5	4.17	46	253698	101.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.45%
24) Chloroform-d	4.65	84	296068	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
26) 1,2-Dichloroethane-d4	5.31	65	180166	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
32) Benzene-d6	5.34	84	661330	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
36) 1,2-Dichloropropane-d6	6.33	67	200359	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.12%
41) Toluene-d8	7.56	98	598031	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%
43) trans-1,3-Dichloropropene-	7.85	79	89665	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.31	63	213708	99.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291309	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	241486	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

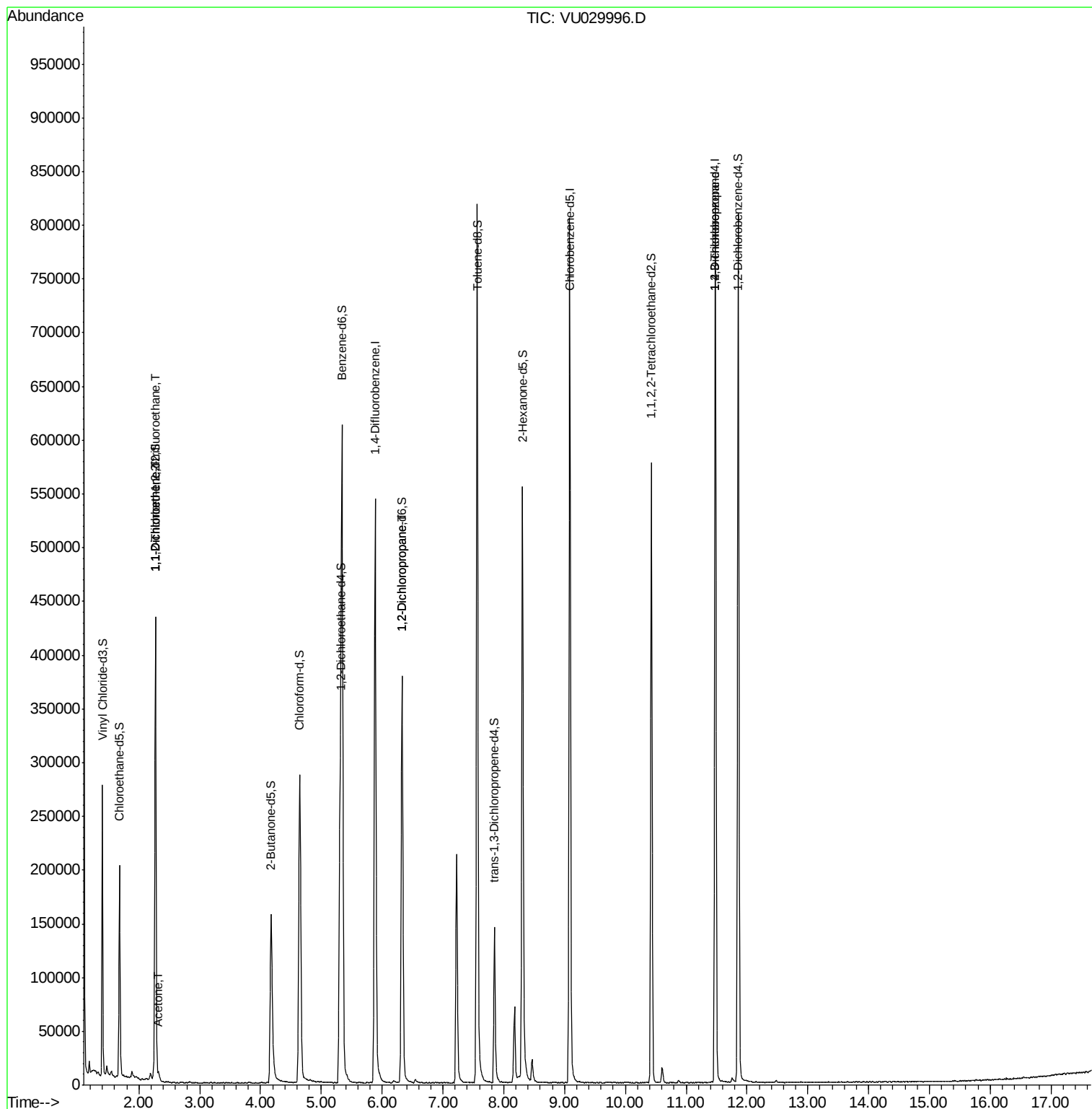
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2327	0.702	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1904	0.602	ug/L #	1
13) Acetone	2.32	43	5703	1.951	ug/L	95
37) 1,2-Dichloropropane	6.33	63	19821	5.390	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	23322	4.870	ug/L	94

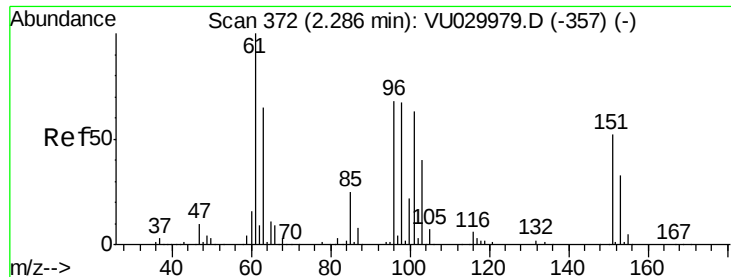
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.702 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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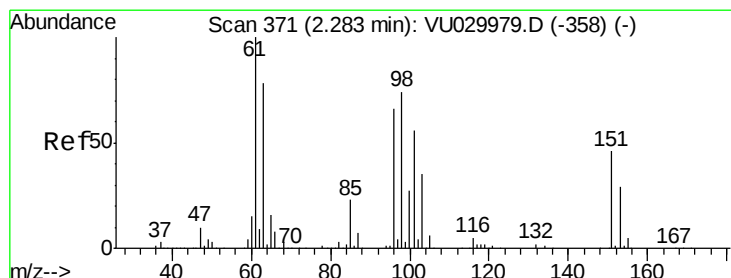
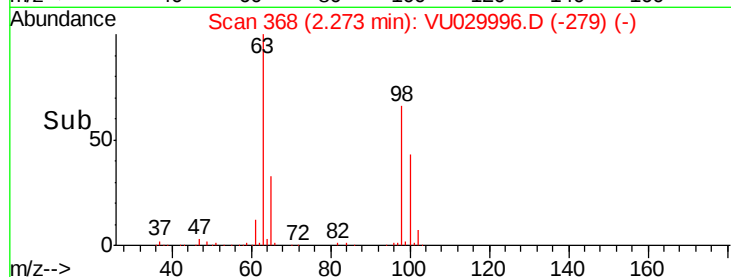
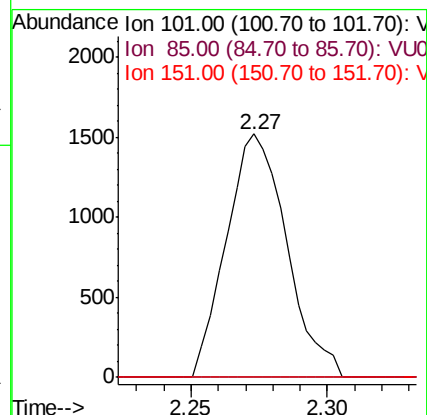
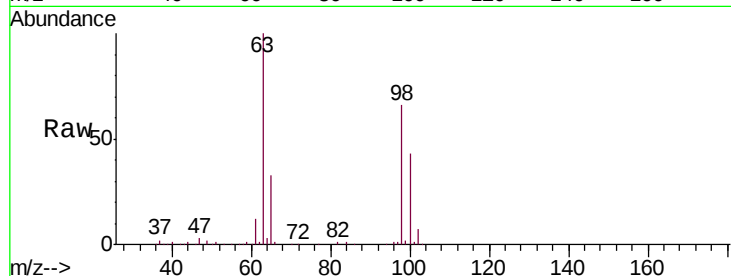
Tgt Ion: 101 Resp: 2327

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#



#12

1,1-Dichloroethene

Concen: 0.602 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029996.D

Acq: 12 Mar 2019 03:16

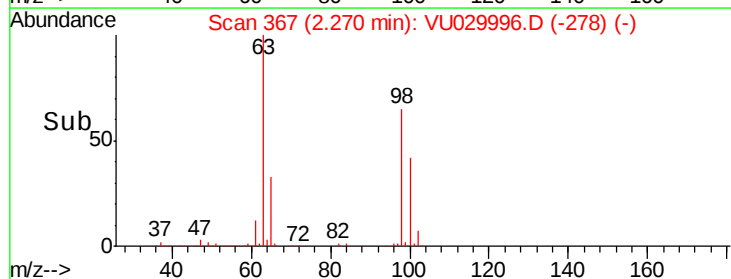
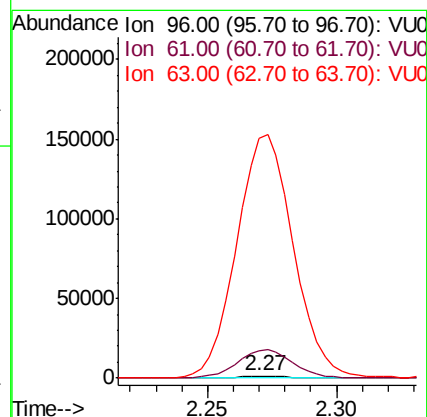
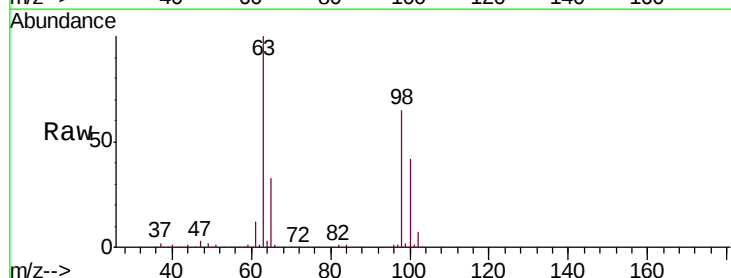
Tgt Ion: 96 Resp: 1904

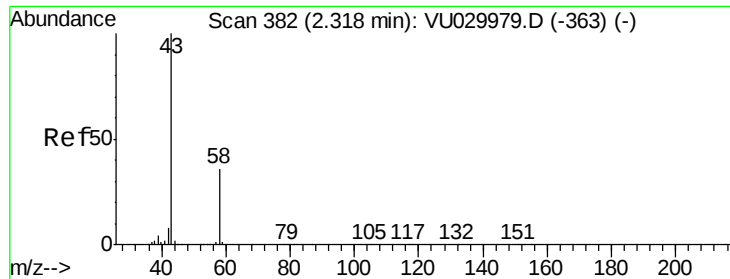
Ion Ratio Lower Upper

96 100

61 1464.4 110.4 205.0#

63 12649.7 86.5 160.7#





#13

Acetone

Concen: 1.951 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029996.D

Acq: 12 Mar 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

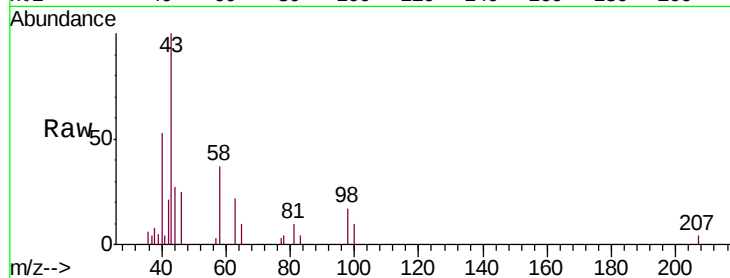
BF5R1

Tgt Ion: 43 Resp: 5703

Ion Ratio Lower Upper

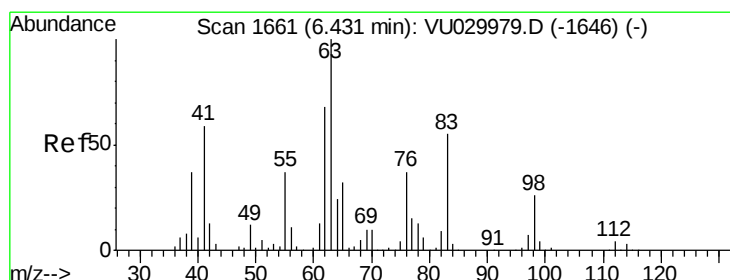
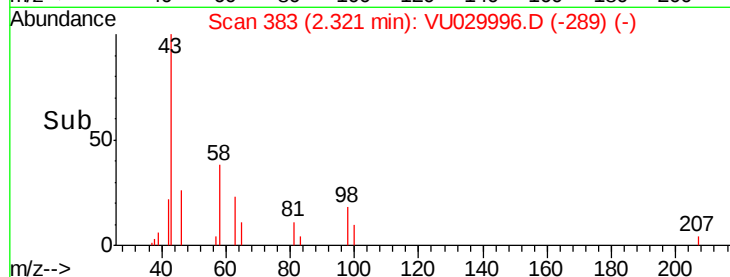
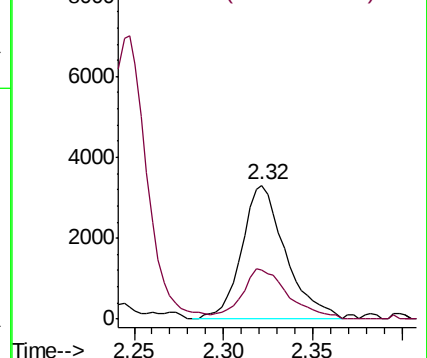
43 100

58 39.8 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.390 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029996.D

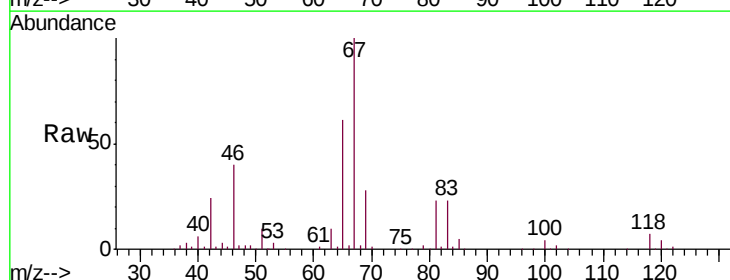
Acq: 12 Mar 2019 03:16

Tgt Ion: 63 Resp: 19821

Ion Ratio Lower Upper

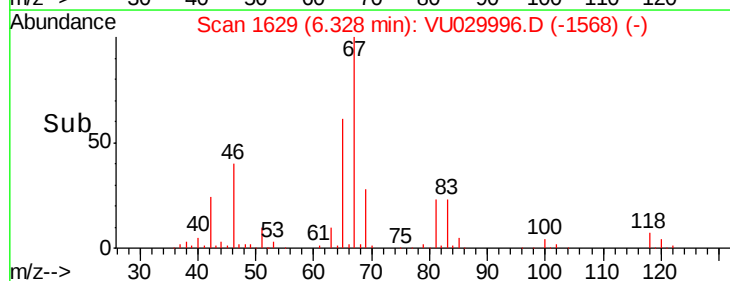
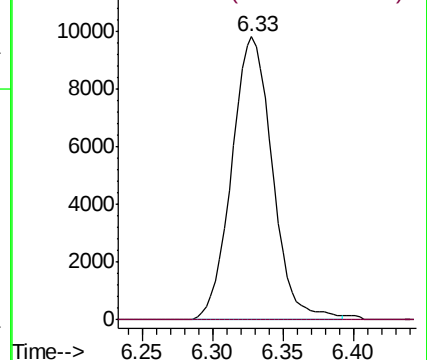
63 100

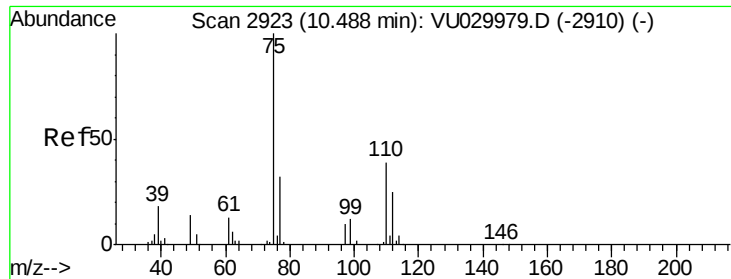
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.870 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029996.D

Acq: 12 Mar 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

BF5R1

Tgt Ion: 75 Resp: 23322

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

