

Data File : VU034699.D
Acq On : 20 Sep 2019 19:15
Operator : JC/SP
Sample : K4948-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX3

Quant Time: Sep 21 02:35:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	484123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	461646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	200169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	195164	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.76%
7) Chloroethane-d5	1.67	69	165865	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.26	63	271598	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	4.15	46	407471	107.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.27%
24) Chloroform-d	4.62	84	338164	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.29	65	245850	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.32	84	671859	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.31	67	240592	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.54	98	625106	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.83	79	106883	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
47) 2-Hexanone-d5	8.29	63	251846	100.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	321172	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.84	152	203285	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%

Target Compounds

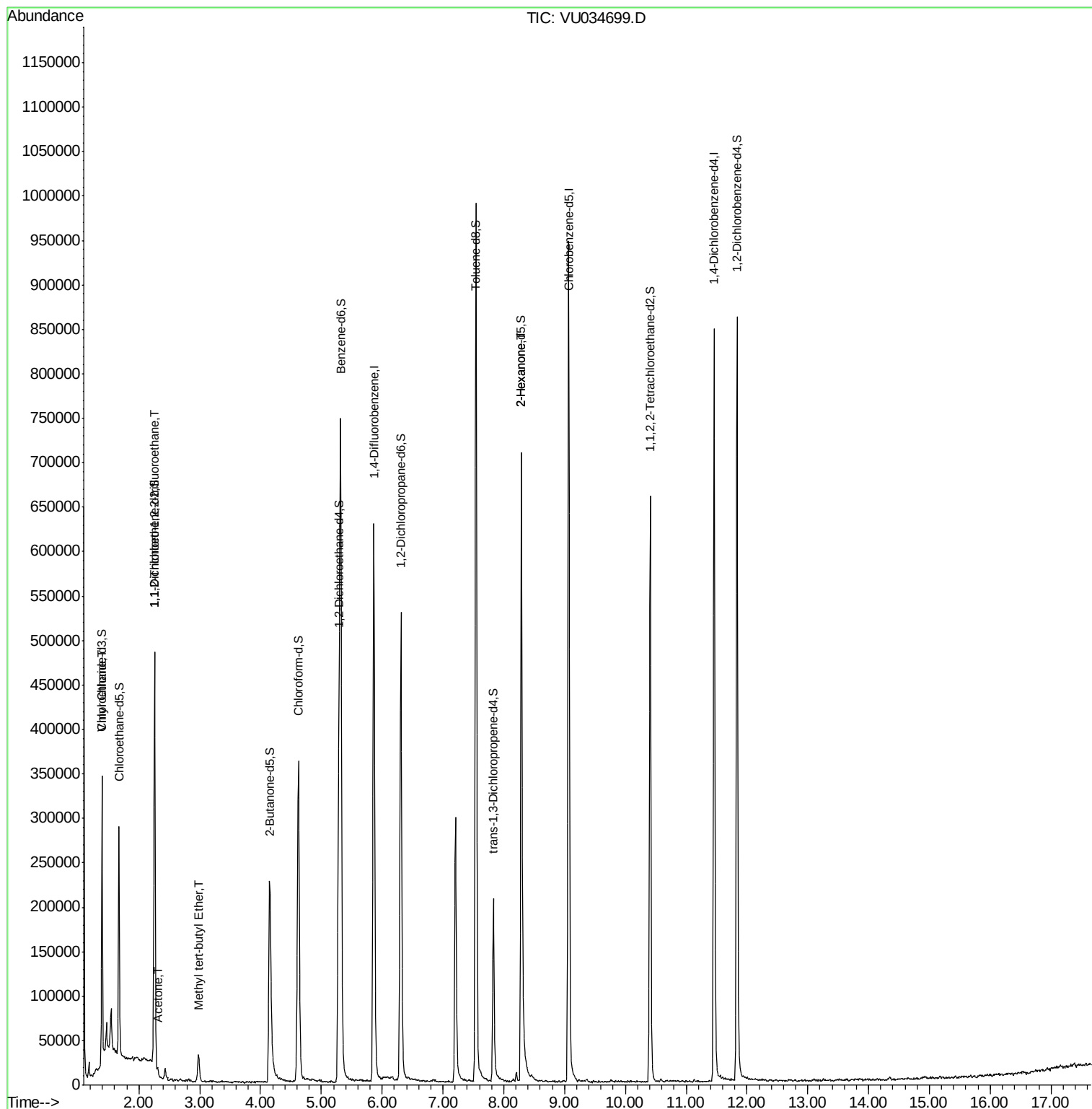
					Qvalue
8) Chloroethane	1.40	64	15405	4.902 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2354	0.713 ug/L #	26
13) Acetone	2.31	43	9924	2.246 ug/L	93
18) Methyl tert-butyl Ether	2.98	73	29184	2.272 ug/L	98
48) 2-Hexanone	8.29	43	34647	4.874 ug/L #	73

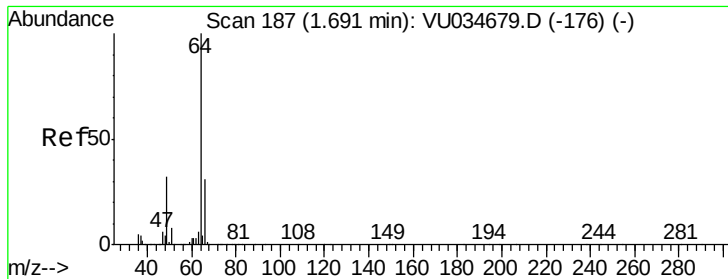
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 4.902 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU034699.D

Acq: 20 Sep 2019 19:15

Instrument :

MSVOA_U

ClientSampled :

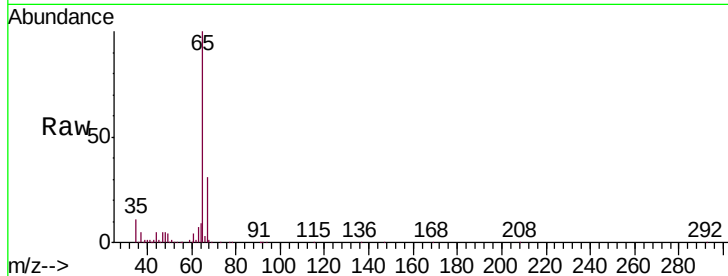
BFCX3

Tgt Ion: 64 Resp: 15405

Ion Ratio Lower Upper

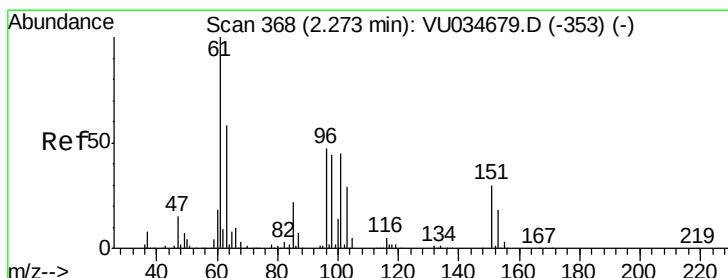
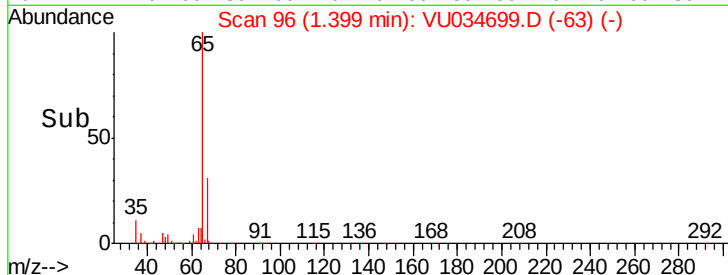
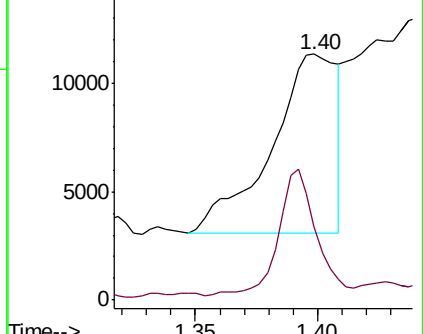
64 100

66 29.9 23.1 42.9



Abundance Ion 64.00 (63.70 to 64.70): VU034679.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU034679.D (-176) (-)



#10

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

Concen: 0.713 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034699.D

Acq: 20 Sep 2019 19:15

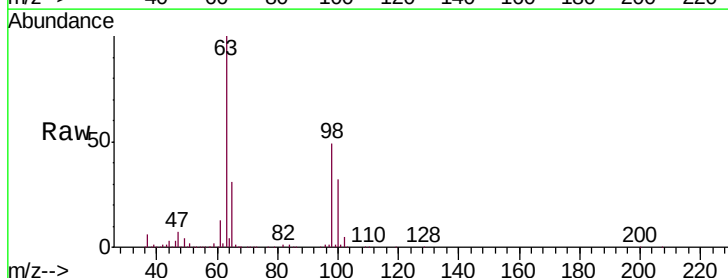
Tgt Ion: 101 Resp: 2354

Ion Ratio Lower Upper

101 100

85 6.3 39.0 58.4#

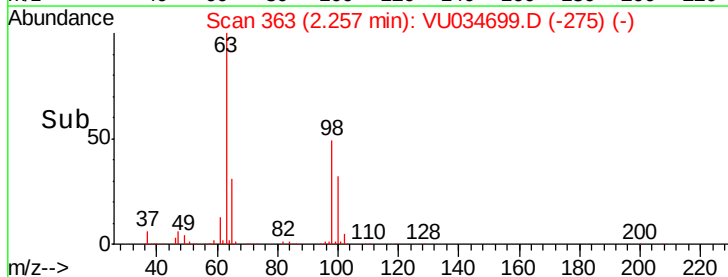
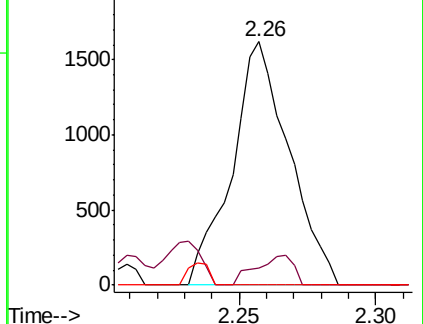
151 0.0 52.8 79.2#

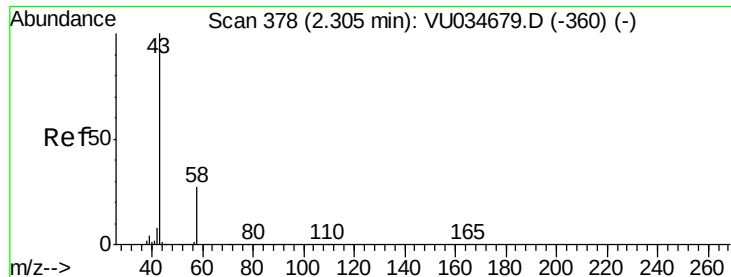


Abundance Ion 101.00 (100.70 to 101.70): VU034679.D (-353) (-)

Ion 85.00 (84.70 to 85.70): VU034679.D (-353) (-)

Ion 151.00 (150.70 to 151.70): VU034679.D (-353) (-)





#13

Acetone

Concen: 2.246 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

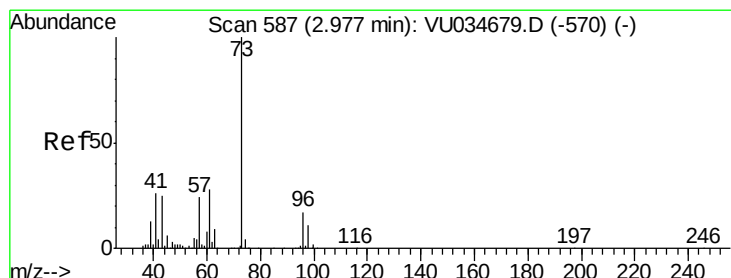
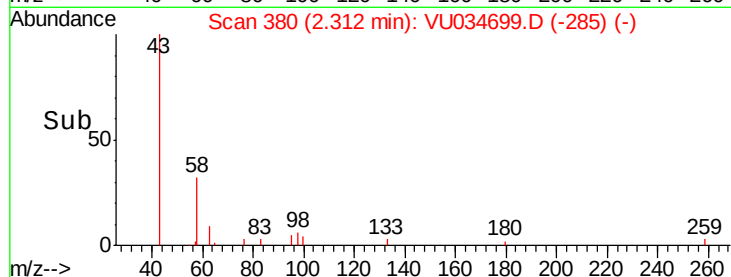
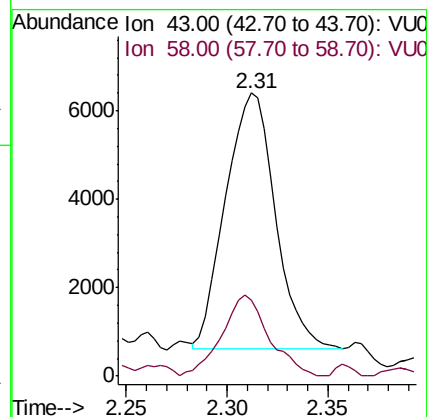
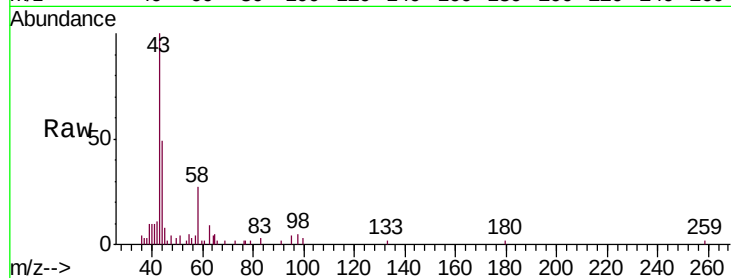
BFCX3

Tgt Ion: 43 Resp: 9924

Ion Ratio Lower Upper

43 100

58 30.1 0.0 53.4



#18

Methyl tert-butyl Ether

Concen: 2.272 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU034699.D

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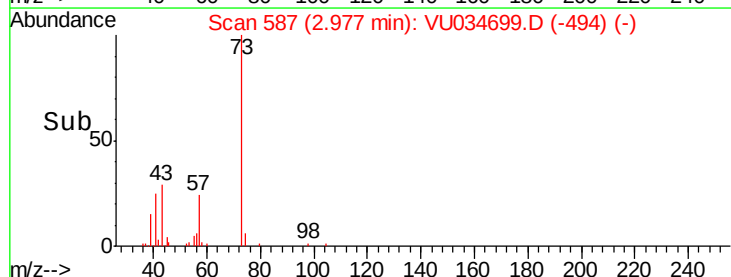
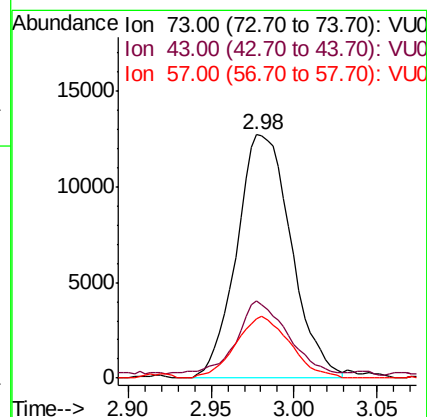
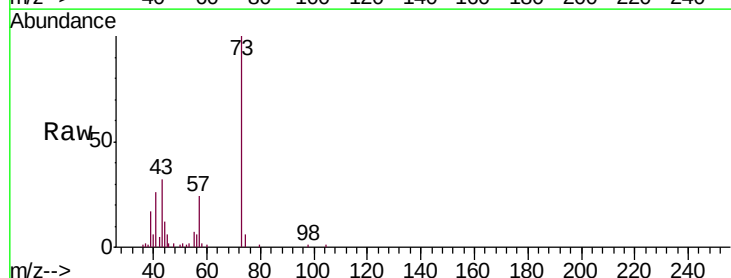
Tgt Ion: 73 Resp: 29184

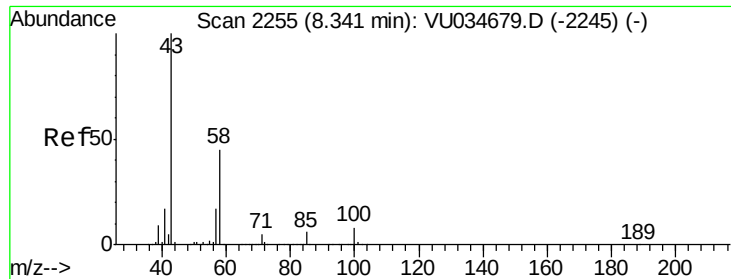
Ion Ratio Lower Upper

73 100

43 27.1 20.9 31.3

57 25.3 19.5 29.3





#48

2-Hexanone

Concen: 4.874 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034699.D

Acq: 20 Sep 2019 19:15

Instrument :

MSVOA_U

ClientSampleId :

BFCX3

Tgt Ion: 43 Resp: 34647

Ion Ratio Lower Upper

43 100

58 20.8 35.3 52.9#

57 16.5 12.1 18.1

100 0.0 6.2 9.4#

