

Data File : VU030346.D
Acq On : 23 Mar 2019 17:41
Operator : JC/SP
Sample : K2065-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5R3

Quant Time: Mar 24 02:11:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	407840	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151623	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.40%
7) Chloroethane-d5	1.68	69	124960	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.06%
11) 1,1-Dichloroethene-d2	2.27	63	219877	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.17	46	280697	90.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.97%
24) Chloroform-d	4.65	84	267187	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	180248	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.34	84	560605	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.33	67	194428	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.56	98	492776	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%
43) trans-1,3-Dichloropropene-	7.85	79	85344	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	8.31	63	195070	93.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261646	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	172204	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%

Target Compounds

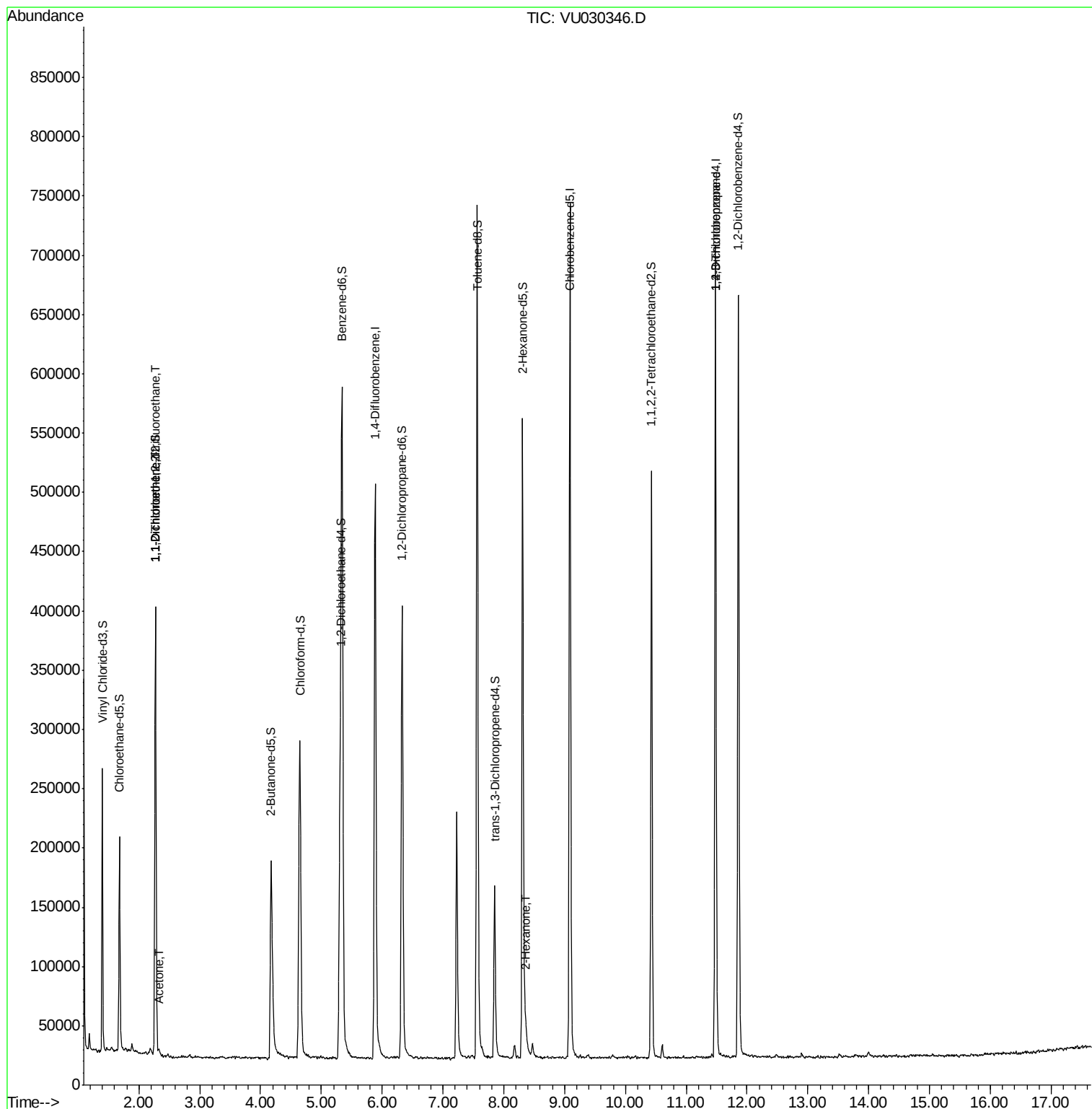
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1950	0.655 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1616	0.554 ug/L #	1
13) Acetone	2.32	43	2244	0.719 ug/L	95
48) 2-Hexanone	8.36	43	10038	1.932 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	23406	5.094 ug/L	95

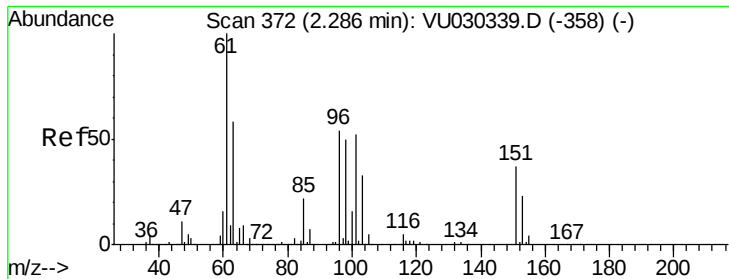
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.655 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

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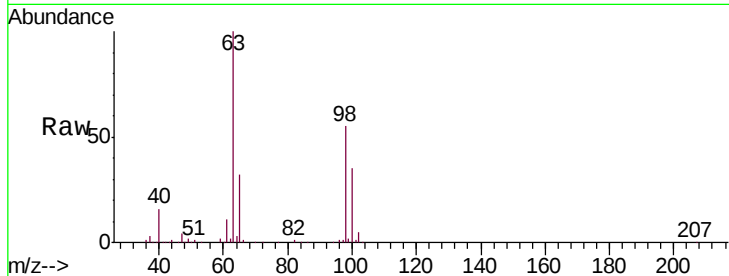
Tgt Ion: 101 Resp: 1950

Ion Ratio Lower Upper

101 100

85 2.3 34.8 52.2#

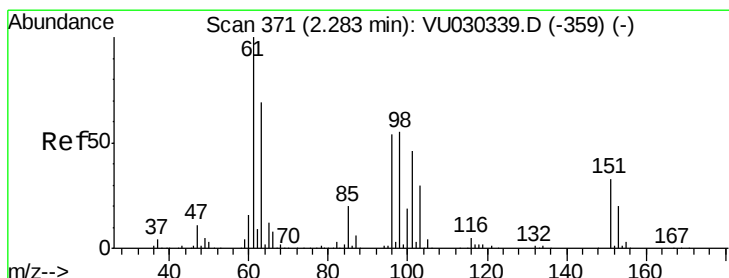
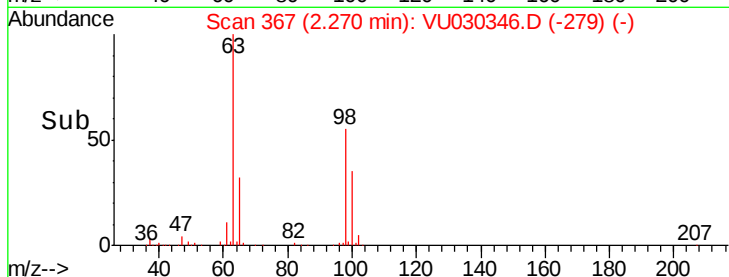
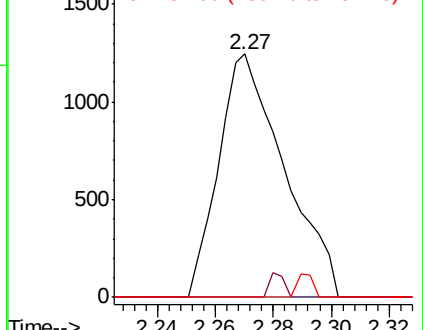
151 2.3 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030346.D

Acq: 23 Mar 2019 17:41

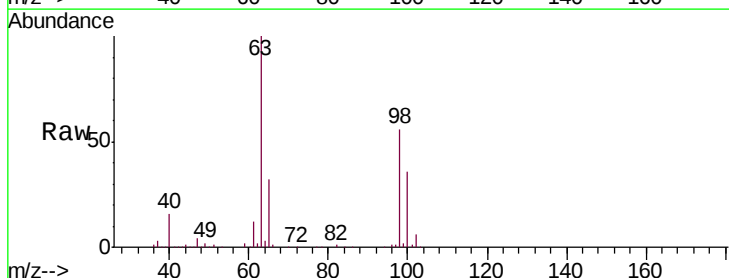
Tgt Ion: 96 Resp: 1616

Ion Ratio Lower Upper

96 100

61 1726.2 131.0 243.4#

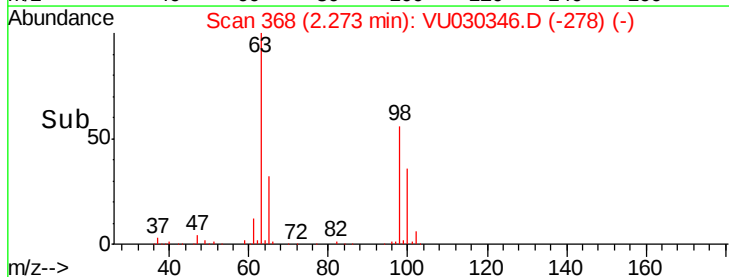
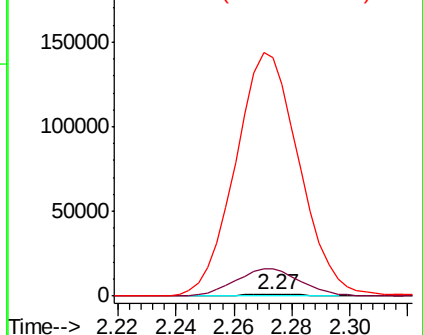
63 14805.5 92.4 171.6#

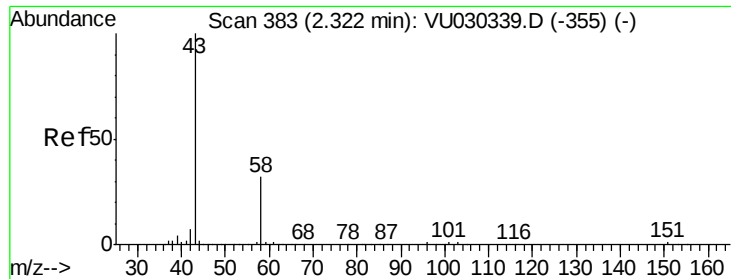


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.719 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampled :

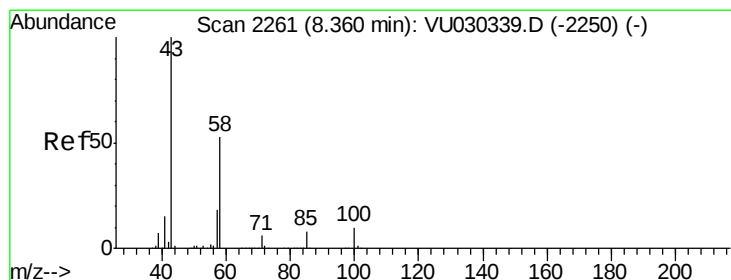
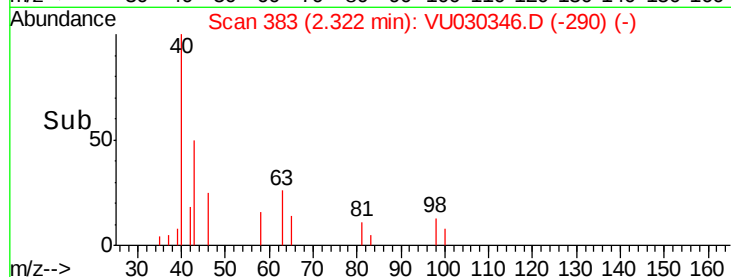
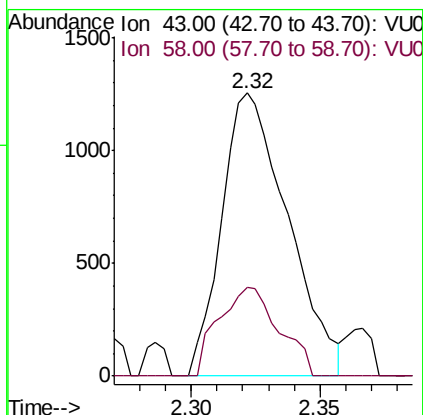
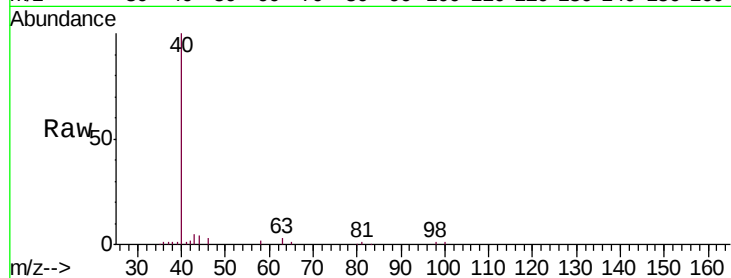
BF5R3

Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.8



#48

2-Hexanone

Concen: 1.932 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030346.D

Acq: 23 Mar 2019 17:41

Tgt Ion: 43 Resp: 10038

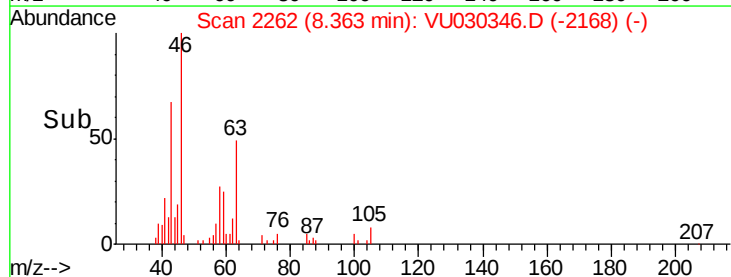
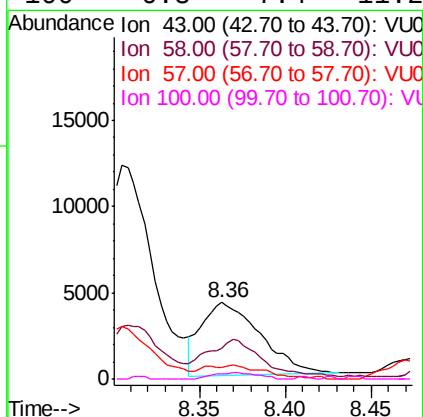
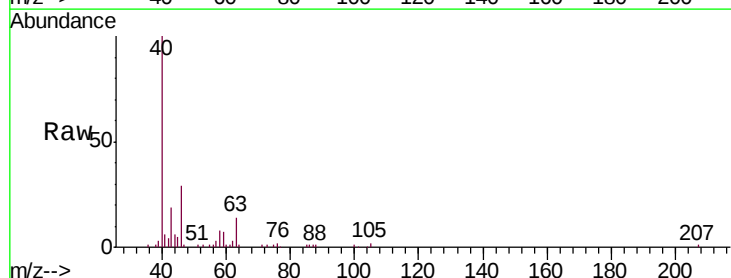
Ion Ratio Lower Upper

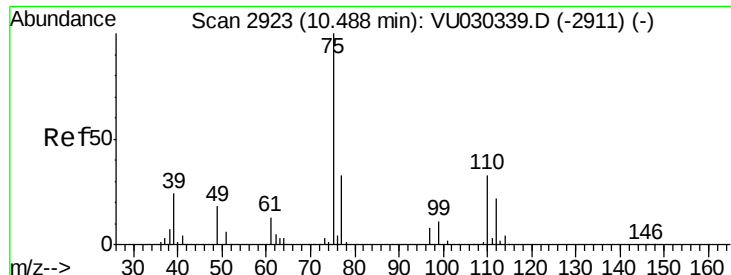
43 100

58 44.0 42.5 63.7

57 2.3 15.0 22.6#

100 6.8 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 5.094 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030346.D

Acq: 23 Mar 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

BF5R3

Tgt Ion: 75 Resp: 23406

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.2

