

Data File : VU029982.D
Acq On : 11 Mar 2019 21:51
Operator : JC/SP
Sample : K1796-12RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Q4

Quant Time: Mar 12 07:10:03 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	530148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	507328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148737	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.68	69	126171	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.14%
11) 1,1-Dichloroethene-d2	2.27	63	211882	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
21) 2-Butanone-d5	4.17	46	243638	92.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.73%
24) Chloroform-d	4.65	84	292378	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.31	65	175572	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.34	84	637859	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.33	67	197350	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.56	98	594438	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.85	79	89902	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.88%
47) 2-Hexanone-d5	8.31	63	207500	92.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284056	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	236046	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%

Target Compounds

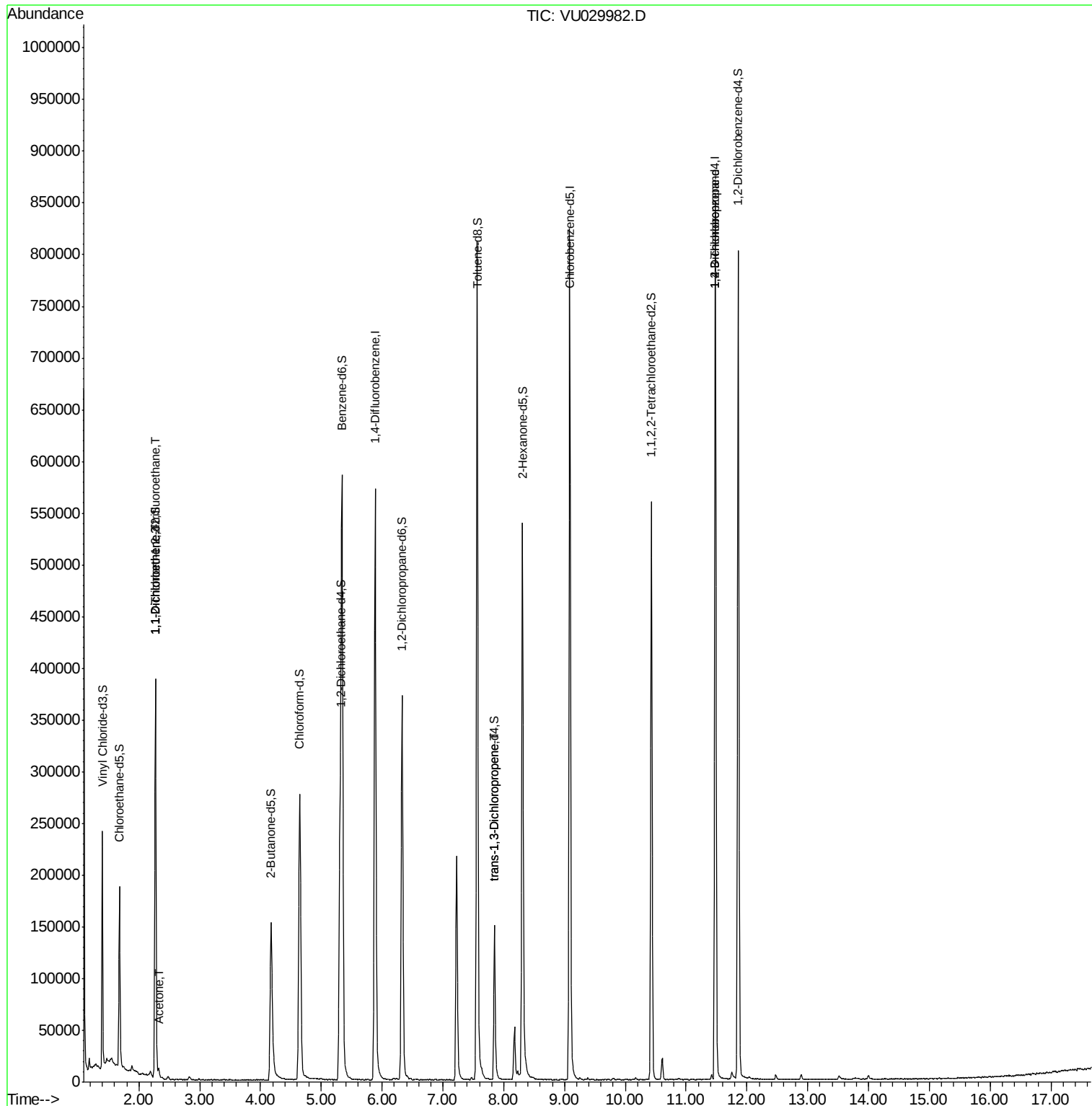
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2704	0.776 ug/L #	29
12) 1,1-Dichloroethene	2.27	96	1993	0.600 ug/L #	1
13) Acetone	2.32	43	7146	2.326 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3994	0.736 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	25602	5.148 ug/L	95

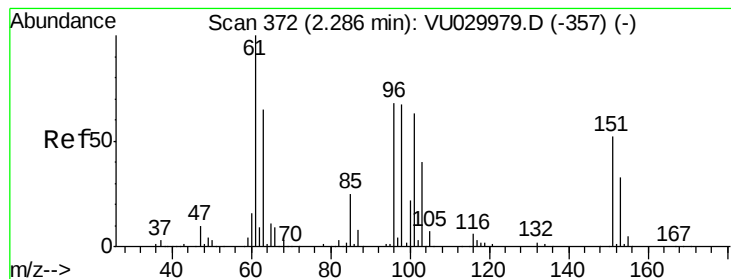
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

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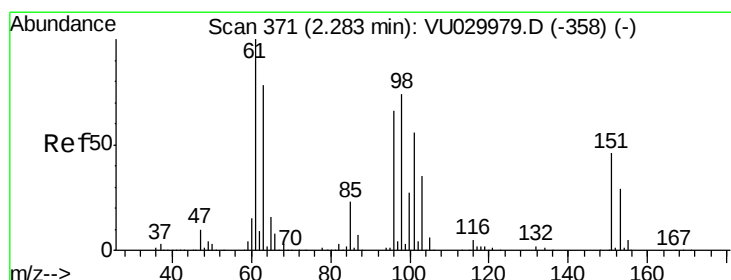
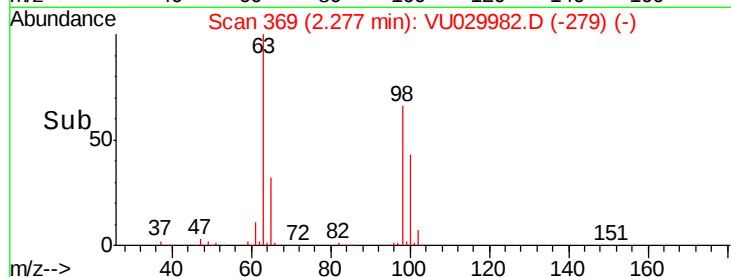
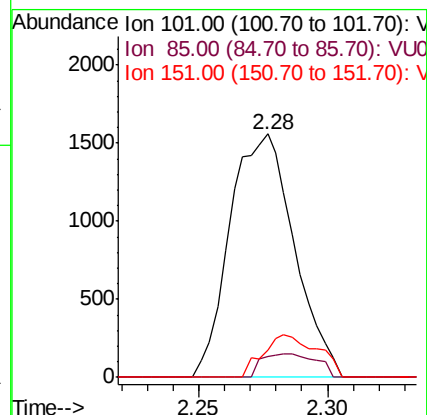
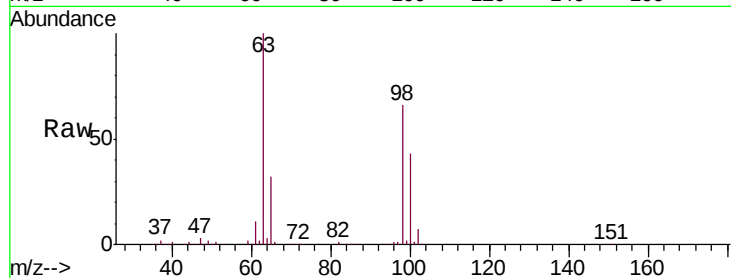
Tgt Ion:101 Resp: 2704

Ion Ratio Lower Upper

101 100

85 7.5 33.0 49.4#

151 11.3 66.1 99.1#



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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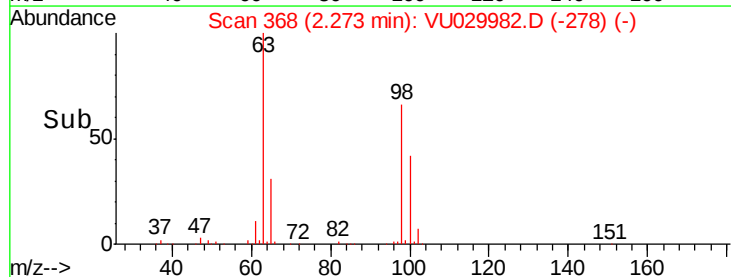
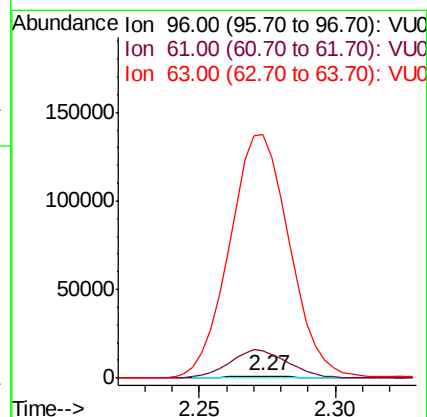
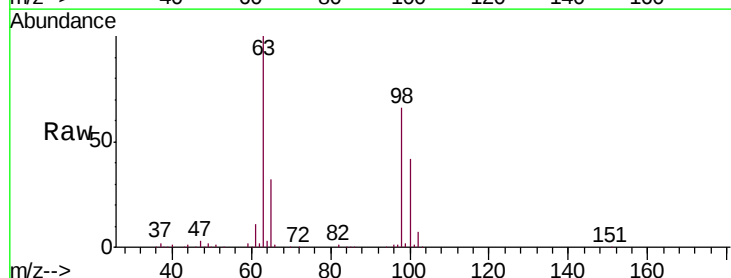
Tgt Ion: 96 Resp: 1993

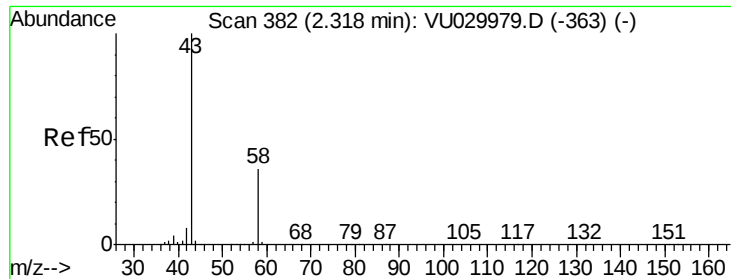
Ion Ratio Lower Upper

96 100

61 1257.0 110.4 205.0#

63 11063.4 86.5 160.7#





#13

Acetone

Concen: 2.326 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

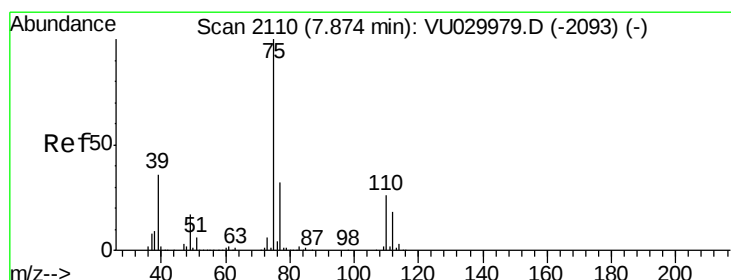
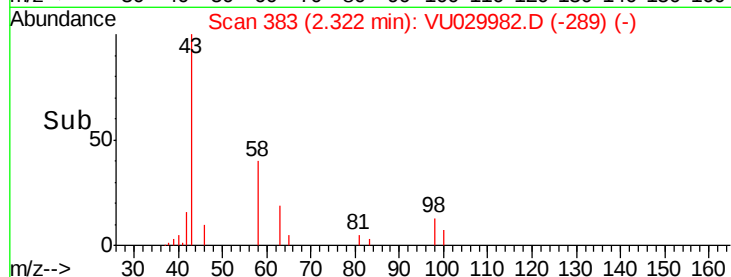
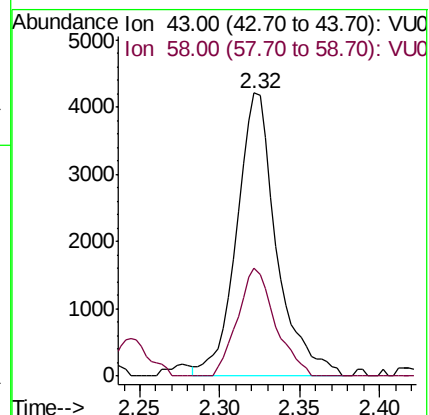
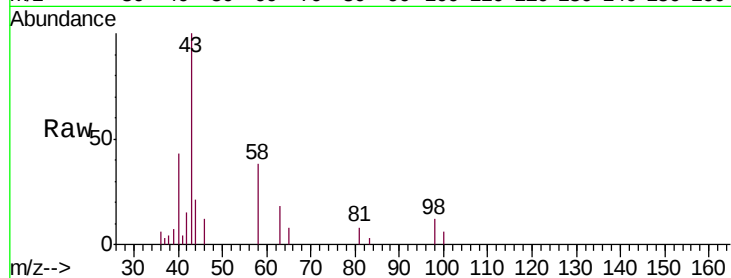
BF5Q4

Tgt Ion: 43 Resp: 7146

Ion Ratio Lower Upper

43 100

58 35.8 0.0 73.0



#44

trans-1,3-Dichloropropene

Concen: 0.736 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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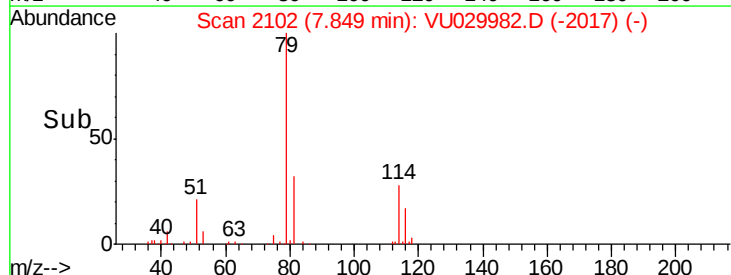
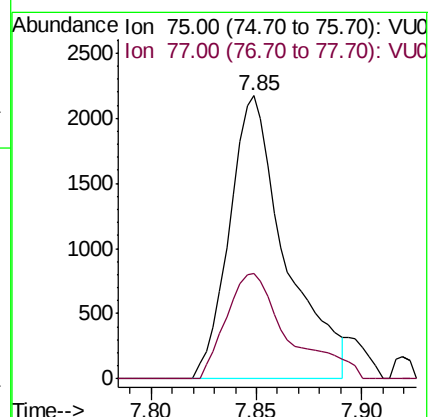
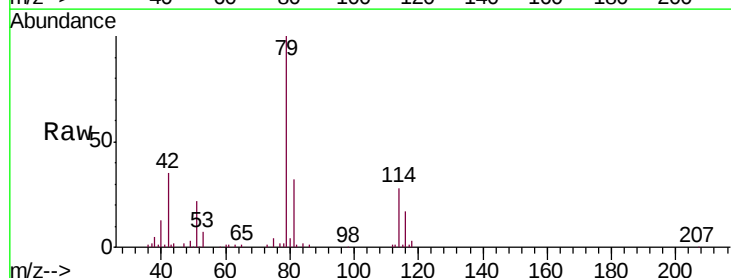
Acq: 11 Mar 2019 21:51

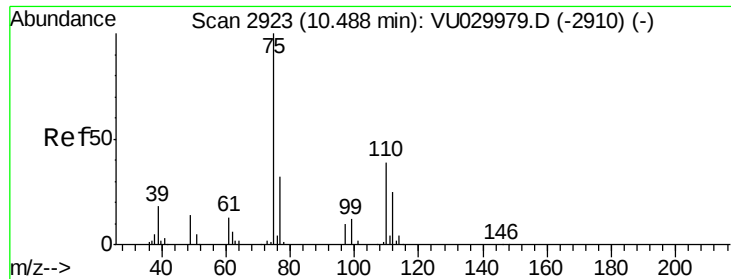
Tgt Ion: 75 Resp: 3994

Ion Ratio Lower Upper

75 100

77 37.2 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.148 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029982.D

Acq: 11 Mar 2019 21:51

Instrument :

MSVOA_U

ClientSampleId :

BF5Q4

Tgt Ion: 75 Resp: 25602

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

