

Data File : VU029631.D
Acq On : 22 Feb 2019 19:43
Operator : JC/SP
Sample : K1581-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB616

Quant Time: Feb 22 23:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128257	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.42%
7) Chloroethane-d5	1.68	69	119093	39.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.76%
11) 1,1-Dichloroethene-d2	2.27	63	188056	28.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.56%#
21) 2-Butanone-d5	4.17	46	214536	103.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	4.65	84	258331	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
26) 1,2-Dichloroethane-d4	5.31	65	168751	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.34	84	537636	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
36) 1,2-Dichloropropane-d6	6.33	67	169349	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.98%
41) Toluene-d8	7.56	98	495883	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.85	79	75963	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.56%
47) 2-Hexanone-d5	8.31	63	180275	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	266650	46.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	216096	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

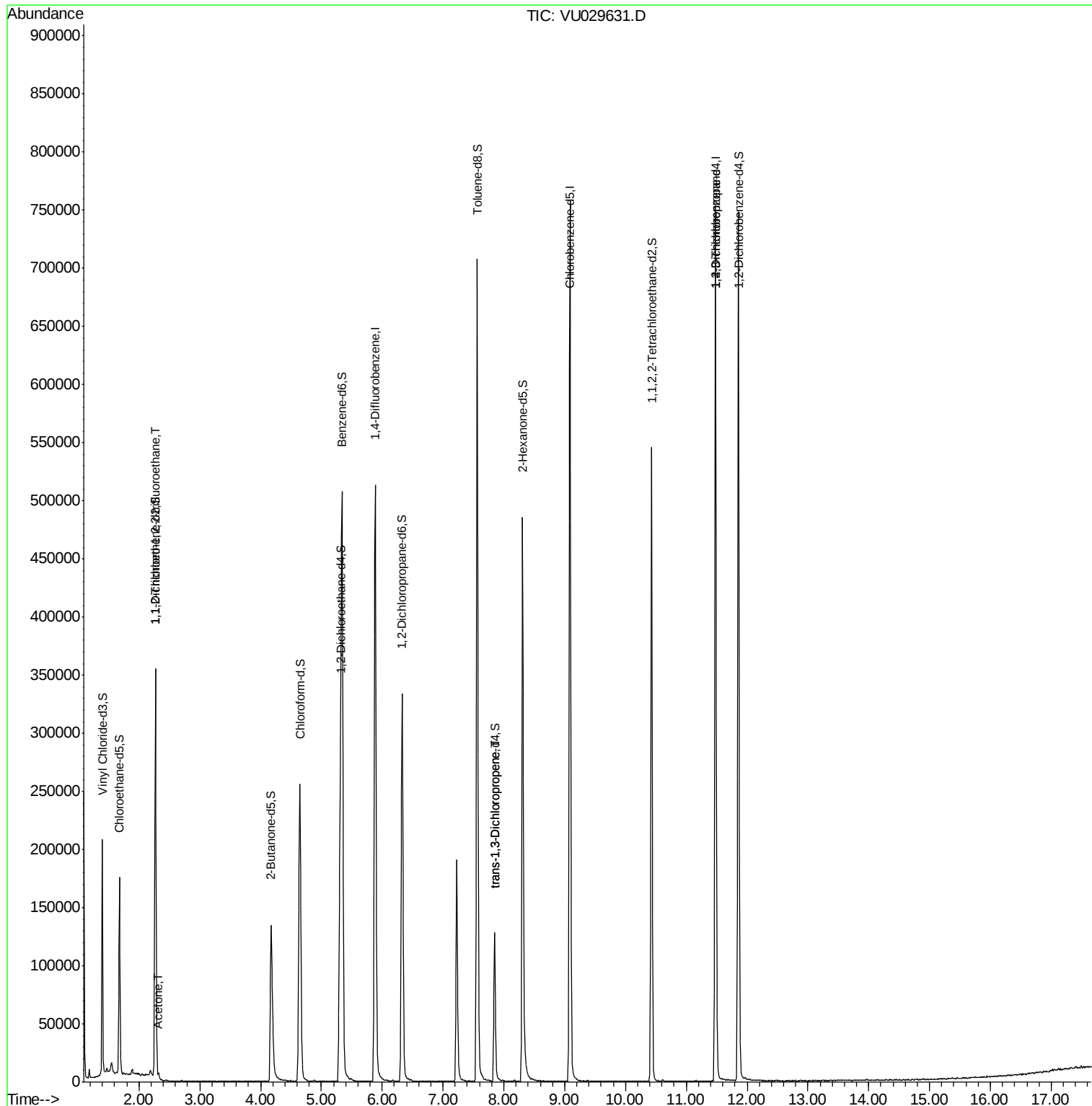
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1997	0.618 ug/L #	17
13) Acetone	2.32	43	3253	1.471 ug/L #	41
44) trans-1,3-Dichloropropene	7.85	75	3243	0.708 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	22192	5.168 ug/L	92

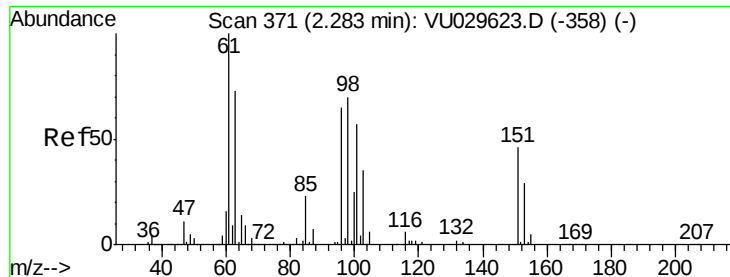
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.618 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

DB616

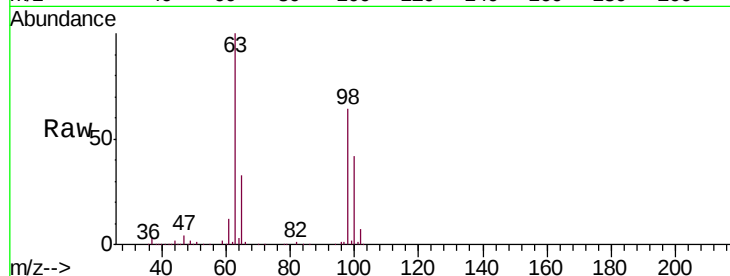
Tgt Ion: 101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

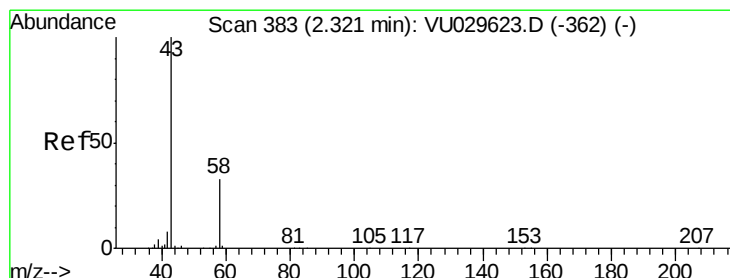
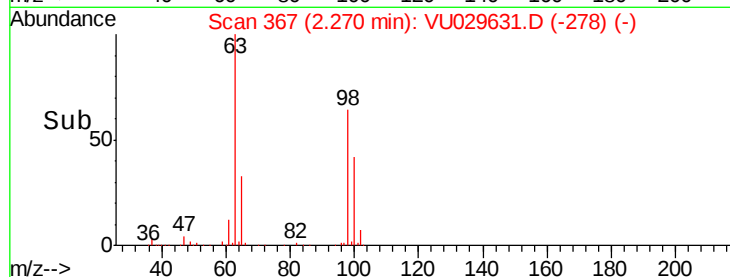
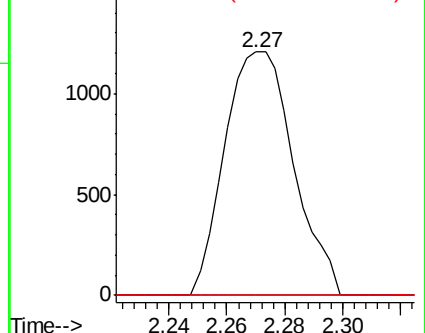
151 0.0 65.7 98.5#



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



#13

Acetone

Concen: 1.471 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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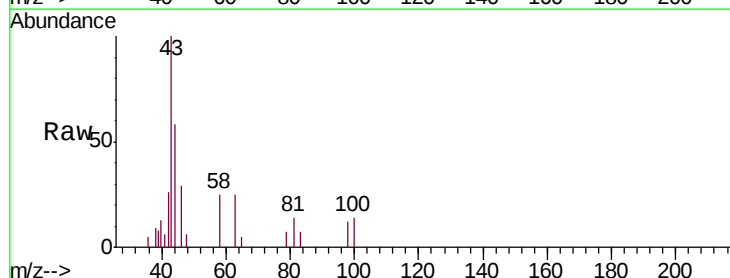
Acq: 22 Feb 2019 19:43

Tgt Ion: 43 Resp: 3253

Ion Ratio Lower Upper

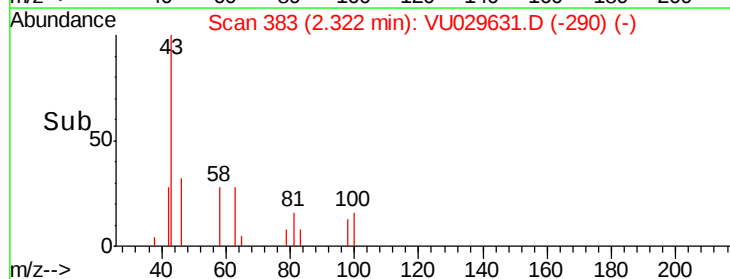
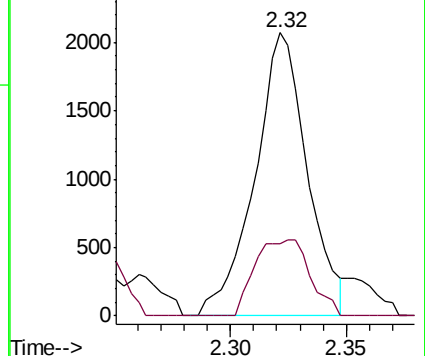
43 100

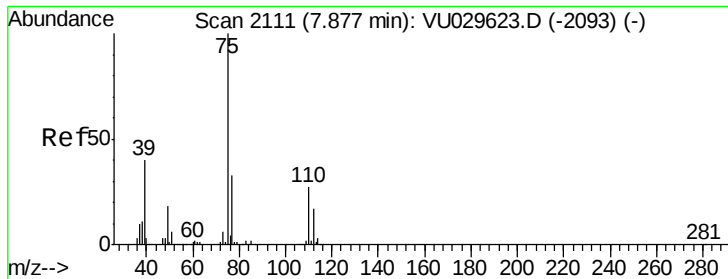
58 0.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

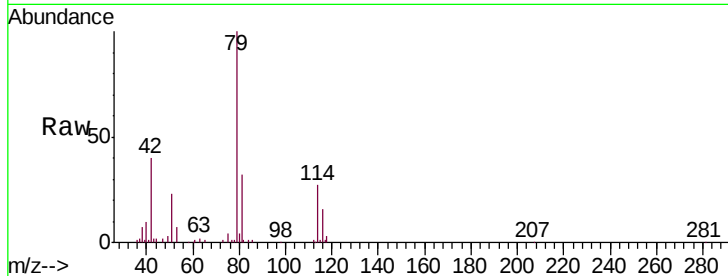
DB616

Tgt Ion: 75 Resp: 3243

Ion Ratio Lower Upper

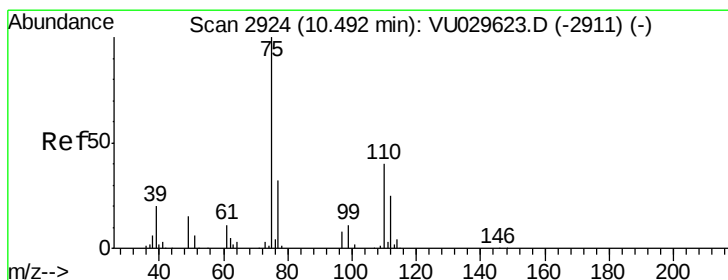
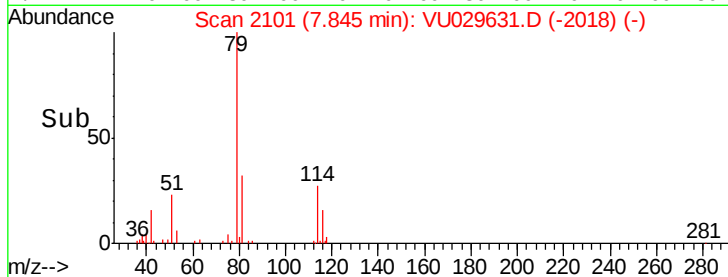
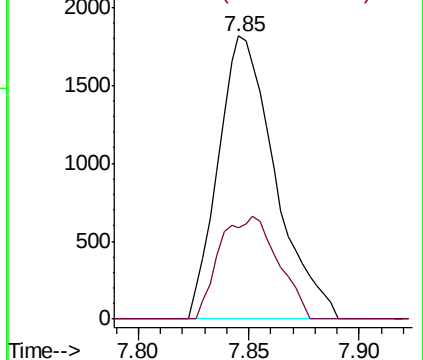
75 100

77 32.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.168 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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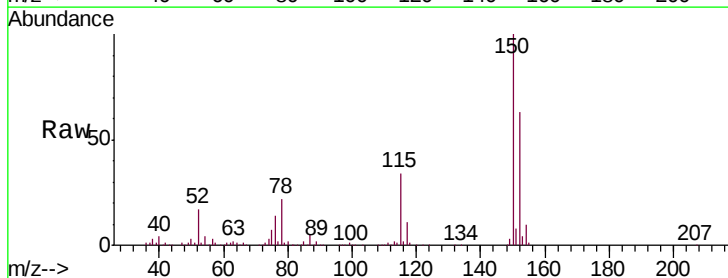
Acq: 22 Feb 2019 19:43

Tgt Ion: 75 Resp: 22192

Ion Ratio Lower Upper

75 100

77 36.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

