

Data File : VU029792.D
Acq On : 04 Mar 2019 18:49
Operator : JC/SP
Sample : K1661-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC72

Quant Time: Mar 05 01:31:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	484808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135724	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.40%
7) Chloroethane-d5	1.68	69	111868	35.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.84%
11) 1,1-Dichloroethene-d2	2.27	63	188157	27.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.20%#
21) 2-Butanone-d5	4.17	46	227147	105.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.07%
24) Chloroform-d	4.65	84	235430	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	5.31	65	146335	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
32) Benzene-d6	5.34	84	510610	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
36) 1,2-Dichloropropane-d6	6.33	67	153349	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.86%
41) Toluene-d8	7.56	98	473250	39.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.94%#
43) trans-1,3-Dichloropropene-	7.85	79	69996	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
47) 2-Hexanone-d5	8.31	63	197403	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	243349	41.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	184670	39.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.48%#

Target Compounds

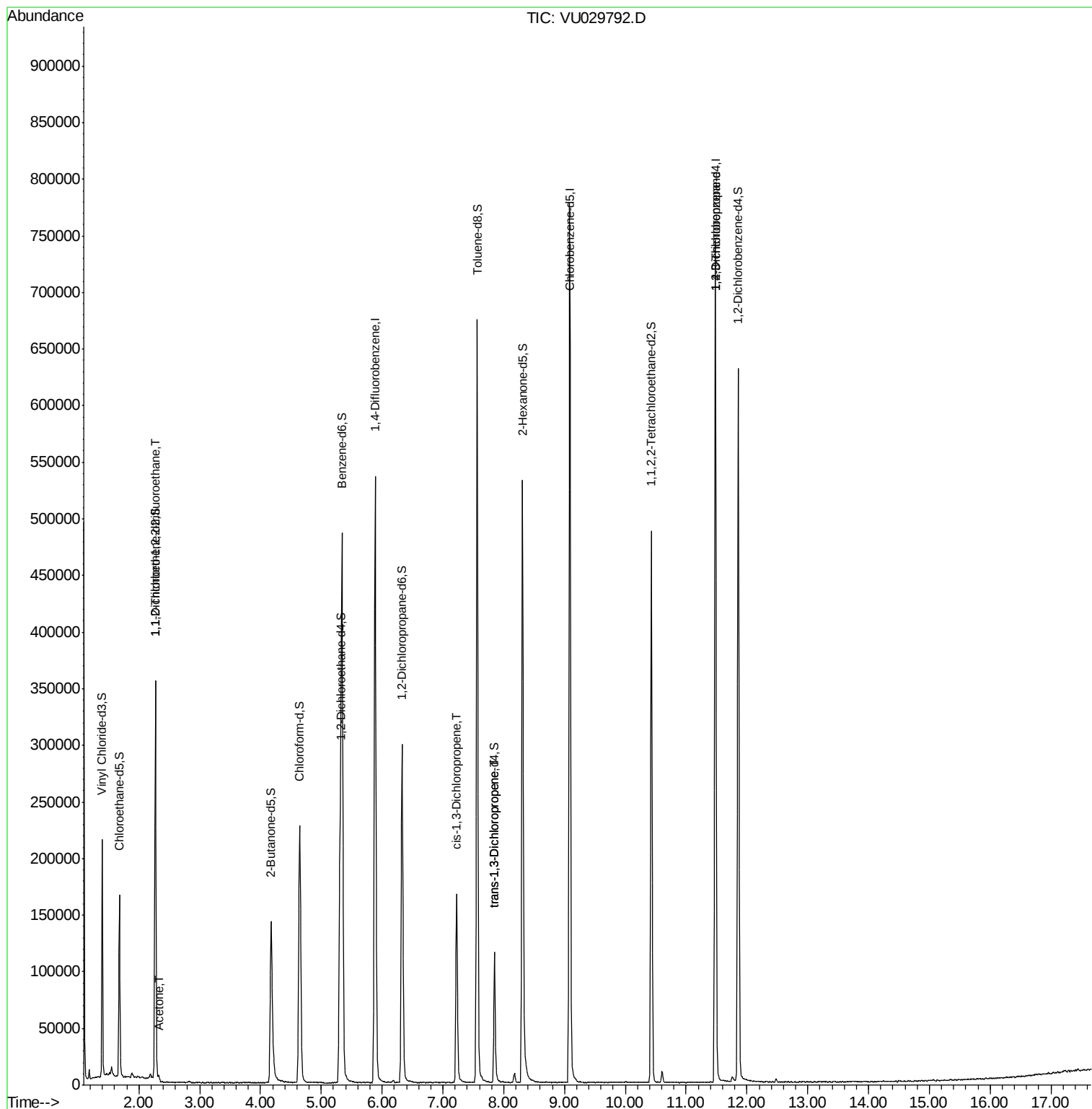
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1991	0.590	ug/L #	17
13) Acetone	2.32	43	2489	1.077	ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	3941	0.787	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	2767	0.586	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	21969	4.965	ug/L	90

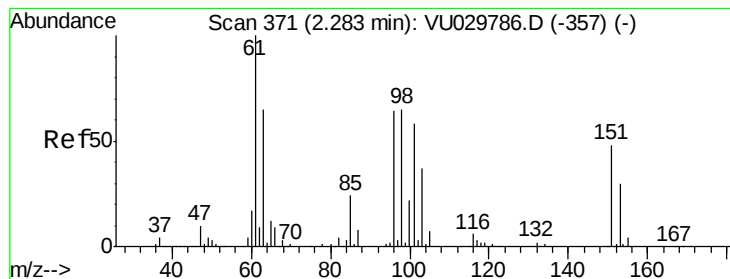
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.590 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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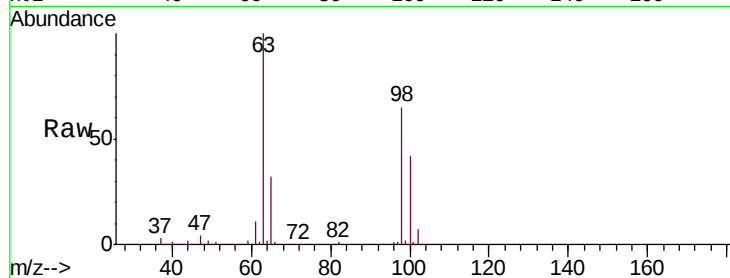
Tgt Ion: 101 Resp: 1991

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

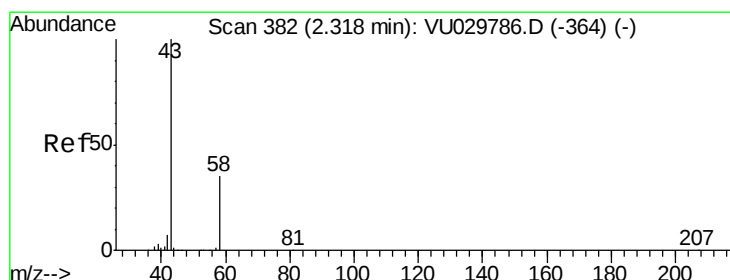
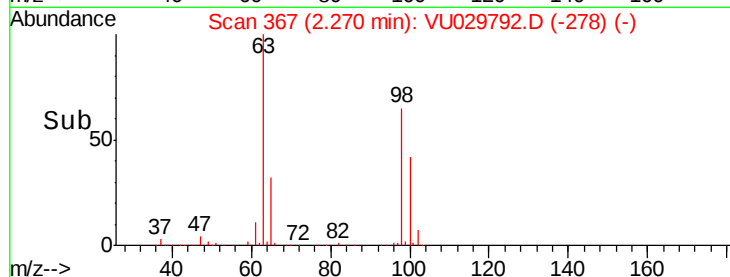
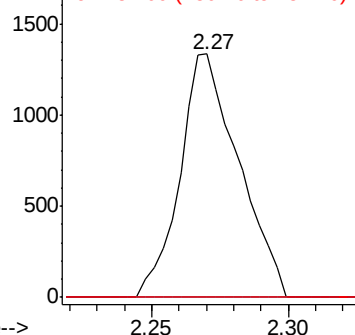
151 0.0 65.7 98.5#



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: 1.077 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029792.D

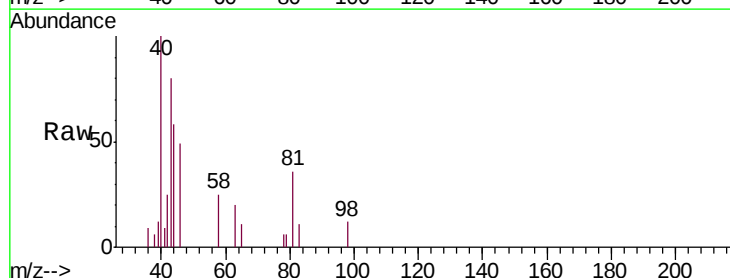
Acq: 04 Mar 2019 18:49

Tgt Ion: 43 Resp: 2489

Ion Ratio Lower Upper

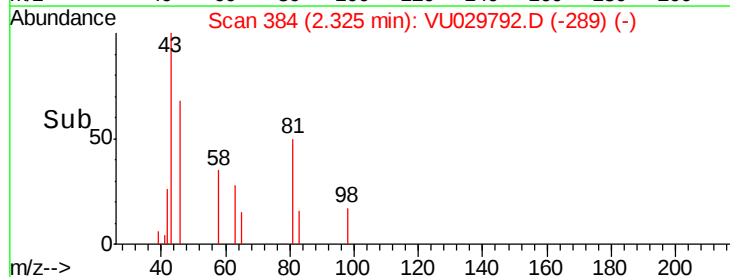
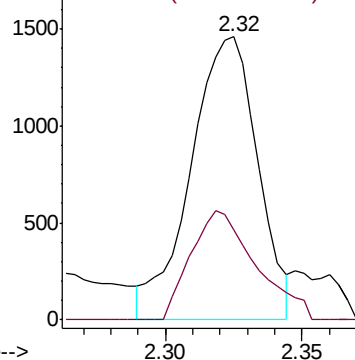
43 100

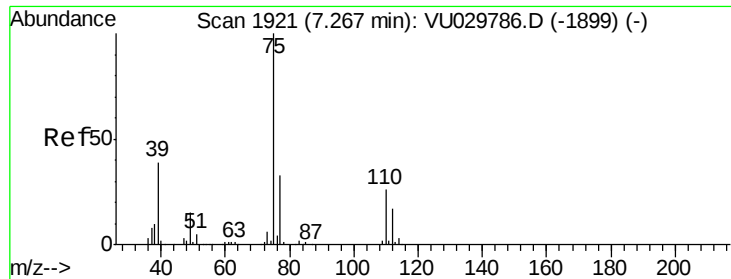
58 37.5 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



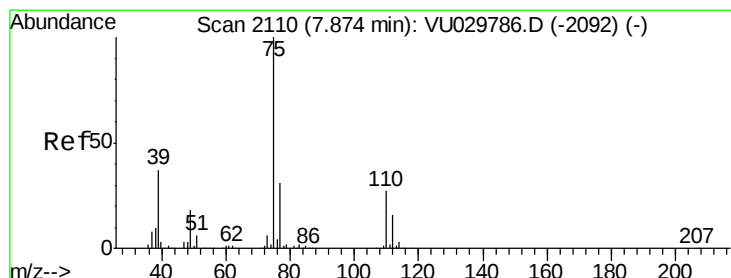
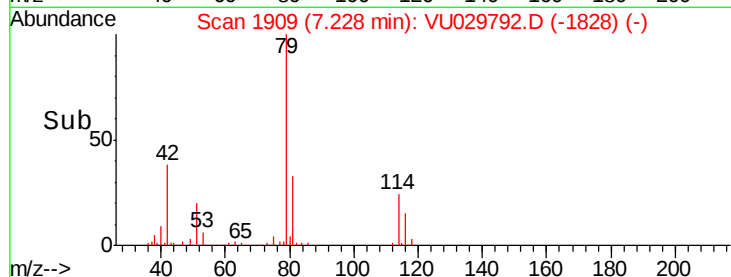
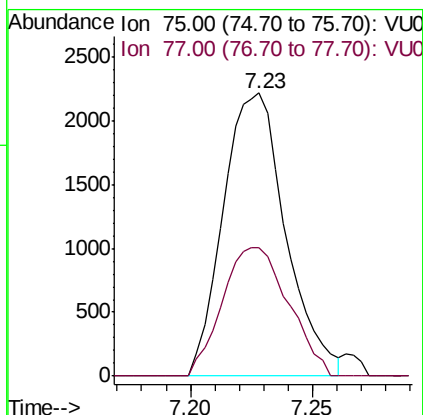
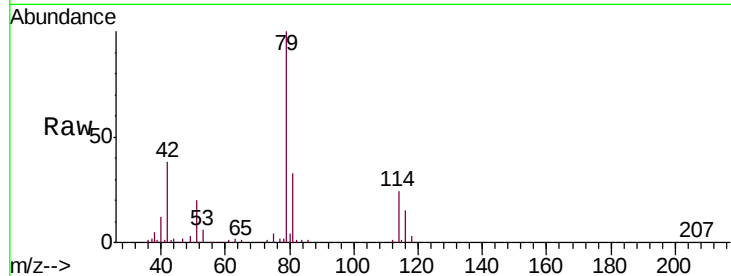


#39

cis-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
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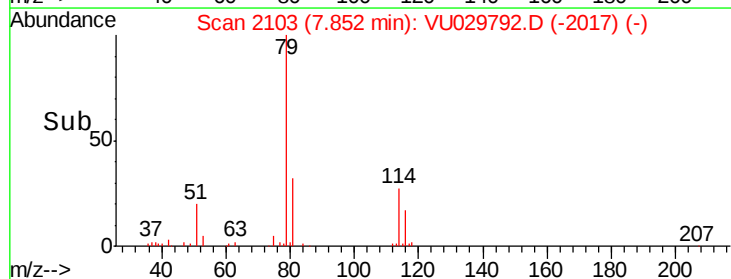
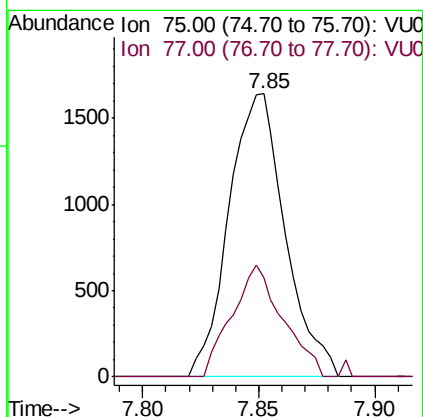
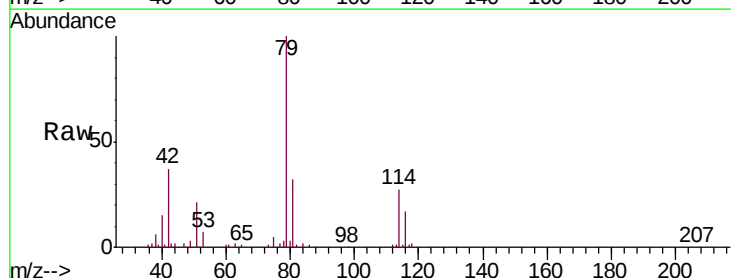
Tgt Ion: 75 Resp: 3941
Ion Ratio Lower Upper
75 100
77 45.4 22.3 41.5#

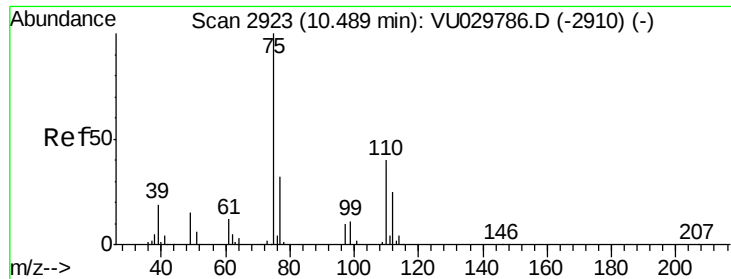


#44

trans-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029792.D
Acq: 04 Mar 2019 18:49

Tgt Ion: 75 Resp: 2767
Ion Ratio Lower Upper
75 100
77 35.0 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.965 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029792.D

Acq: 04 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

BFC72

Tgt Ion: 75 Resp: 21969

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5

