

Data File : VU029763.D
Acq On : 01 Mar 2019 14:55
Operator : JC/SP
Sample : K1660-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY3

Quant Time: Mar 15 05:49:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87652	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.68	69	70753	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	121953	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.19	46	173206	50.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.65	84	126388	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	69820	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	301164	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.33	67	90088	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.56	98	274405	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	32927	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.31	63	165138	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70853	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	111644	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

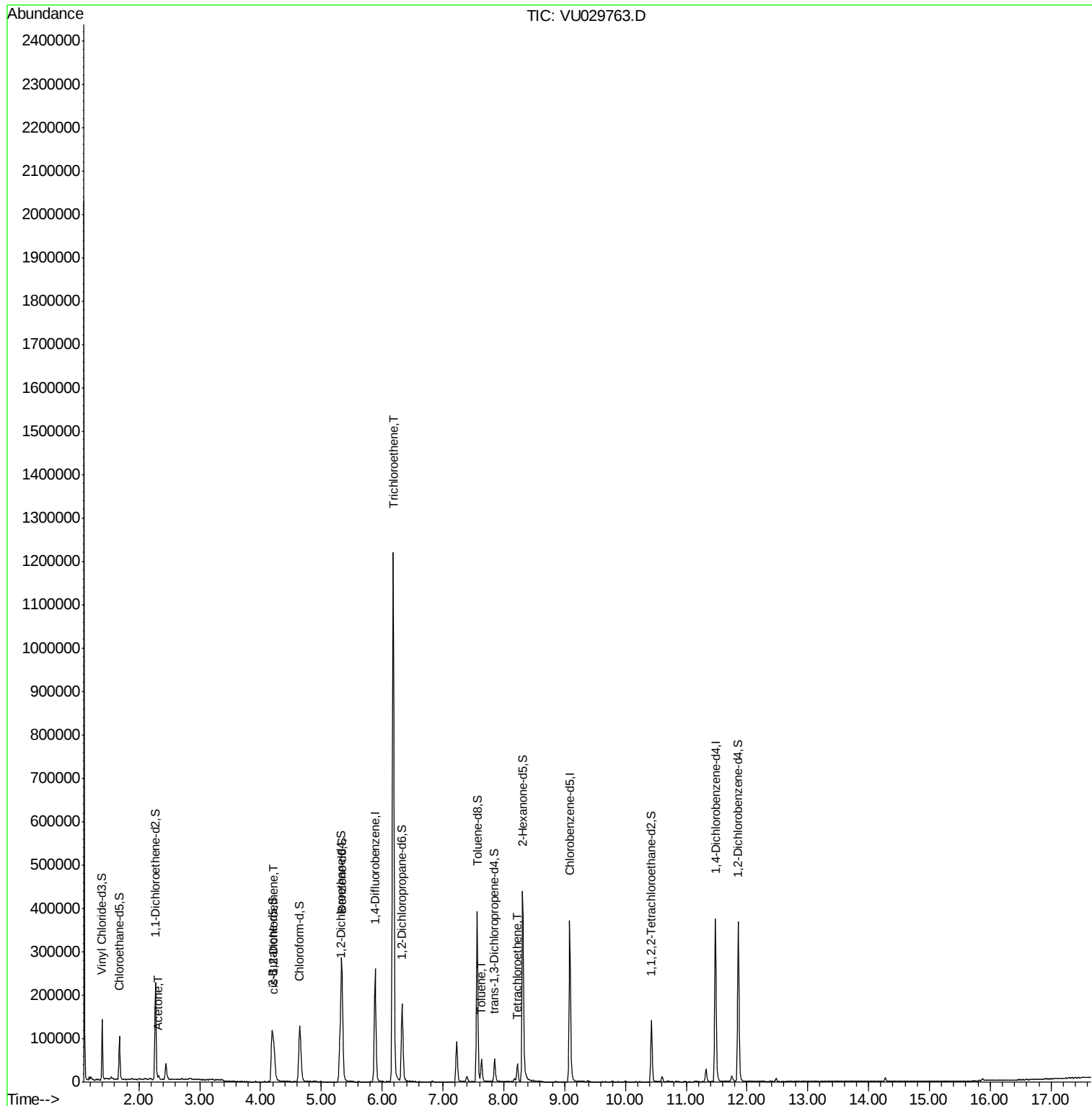
					Qvalue
13) Acetone	2.32	43	7831	3.191 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	32436	1.897 ug/L	98
34) Trichloroethene	6.18	95	432537	26.393 ug/L	98
42) Toluene	7.64	91	39835	0.598 ug/L	99
47) Tetrachloroethene	8.22	164	11012	0.724 ug/L	98

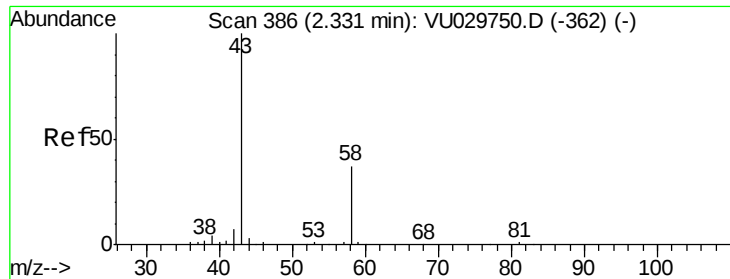
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.191 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

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Acq: 01 Mar 2019 14:55

Instrument :

MSVOA_U

ClientSampled :

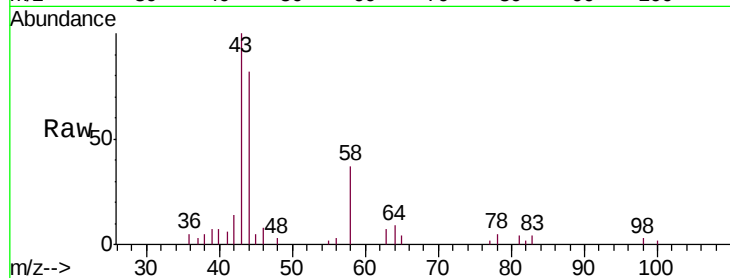
CWJY3

Tgt Ion: 43 Resp: 7831

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

5000

4000

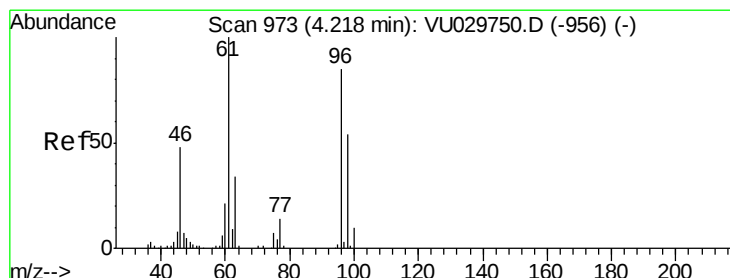
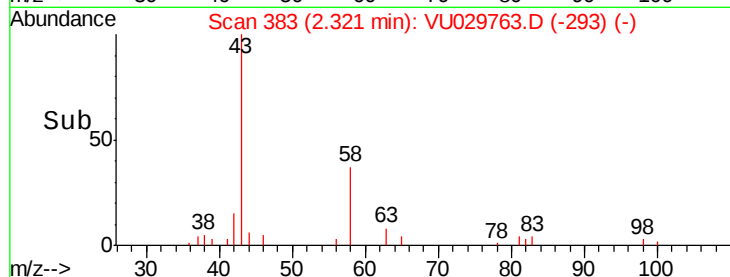
3000

2000

1000

0

Time--> 2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 1.897 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

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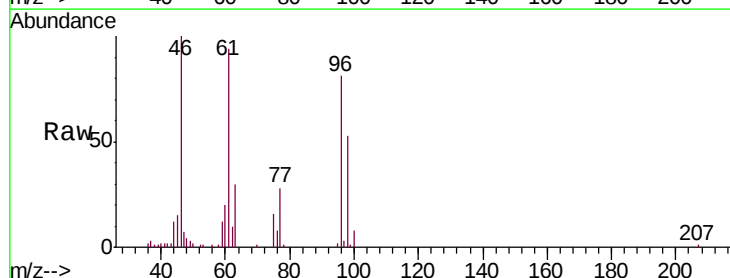
Tgt Ion: 96 Resp: 32436

Ion Ratio Lower Upper

96 100

61 116.4 80.2 149.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

20000

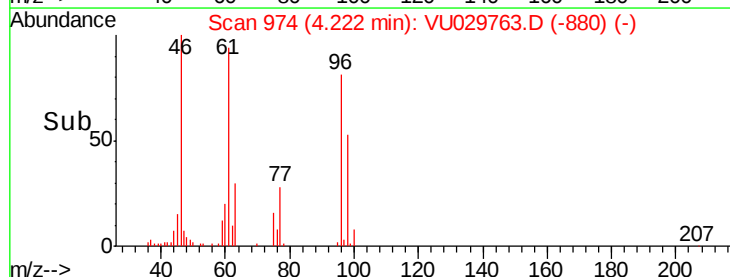
15000

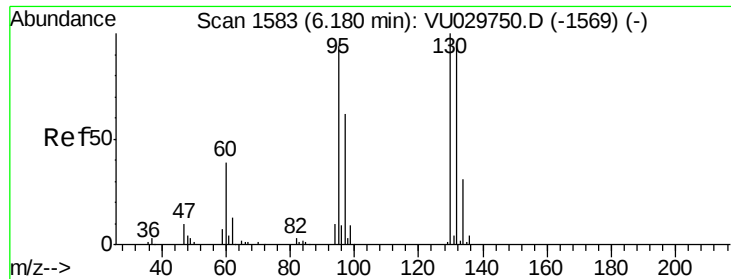
10000

5000

0

Time--> 4.10 4.20 4.30

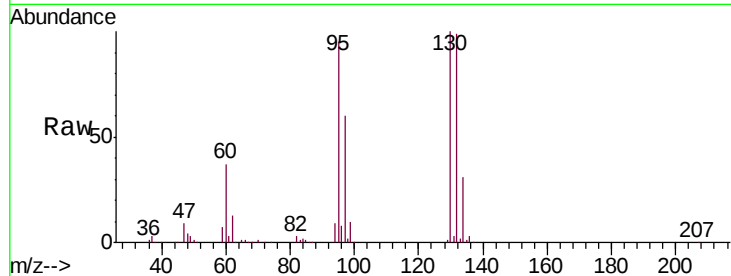




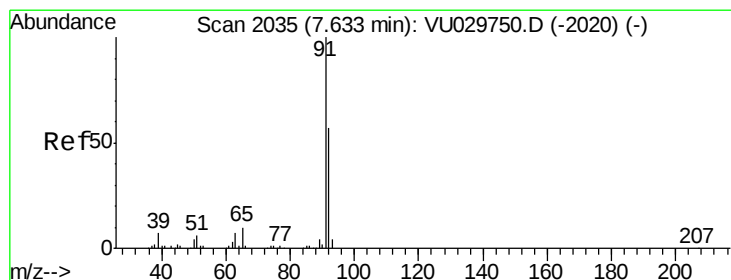
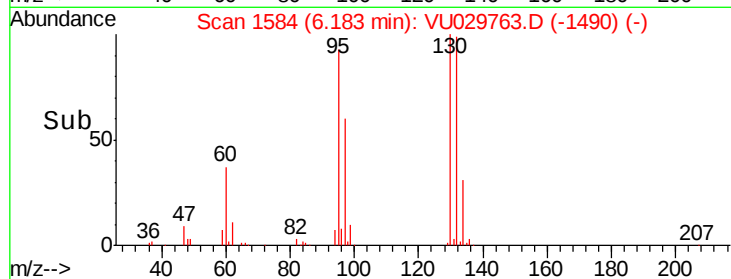
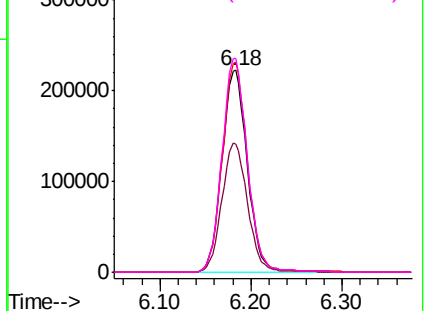
#34
 Trichloroethene
 Concen: 26.393 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	432537
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.8
132	104.3	72.9	135.3
130	105.8	77.5	143.9

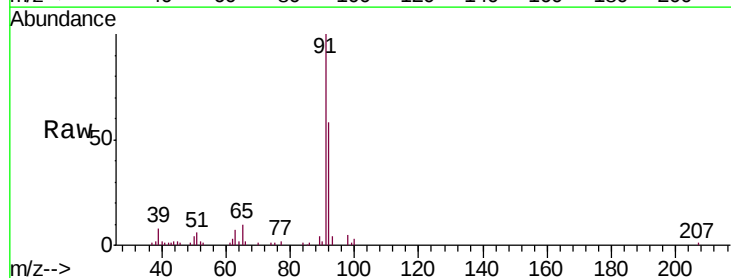


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

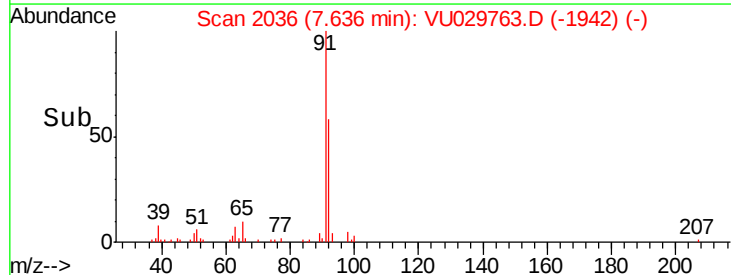
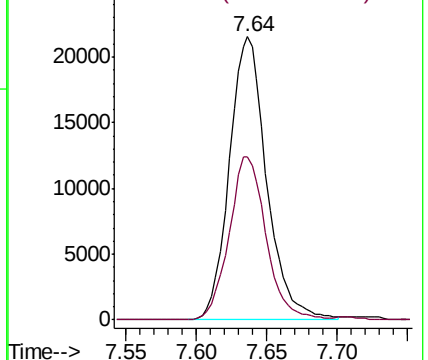


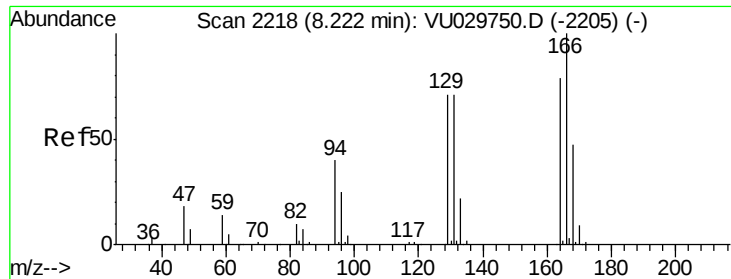
#42
 Toluene
 Concen: 0.598 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU029763.D
 Acq: 01 Mar 2019 14:55

Tgt Ion:	91	Resp:	39835
Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.1	74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.724 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029763.D

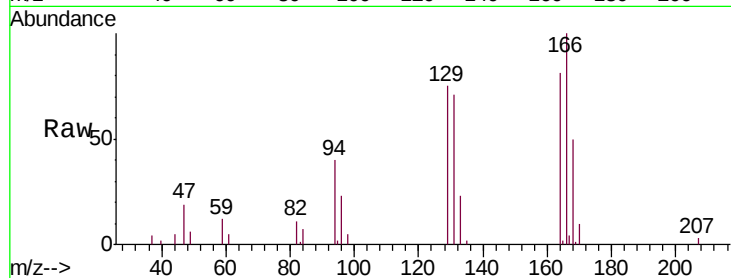
Acq: 01 Mar 2019 14:55

Instrument :

MSVOA_U

ClientSampleId :

CWJY3



Tgt Ion:164 Resp: 11012

Ion Ratio Lower Upper

164 100

129 91.7 62.9 116.7

131 87.7 61.8 114.8

166 122.8 88.8 164.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

