

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025578.D
 Acq On : 21 Jul 2018 12:30
 Operator : MD/SY
 Sample : J4037-04ME
 Misc : 6.29g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEY47ME

Quant Time: Jul 23 01:39:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	317478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60205	31.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.64%
7) Chloroethane-d5	1.64	69	40244	25.79	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.58%#
11) 1,1-Dichloroethene-d2	2.24	63	108273	27.49	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.98%#
21) 2-Butanone-d5	4.19	46	171413	117.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.35%
24) Chloroform-d	4.65	84	188207	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	134647	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.34	84	354507	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.33	67	122340	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.26%
41) Toluene-d8	7.57	98	336742	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.85	79	61464	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.32	63	134573	122.50	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	205796	56.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.16%
64) 1,2-Dichlorobenzene-d4	11.87	152	175075	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

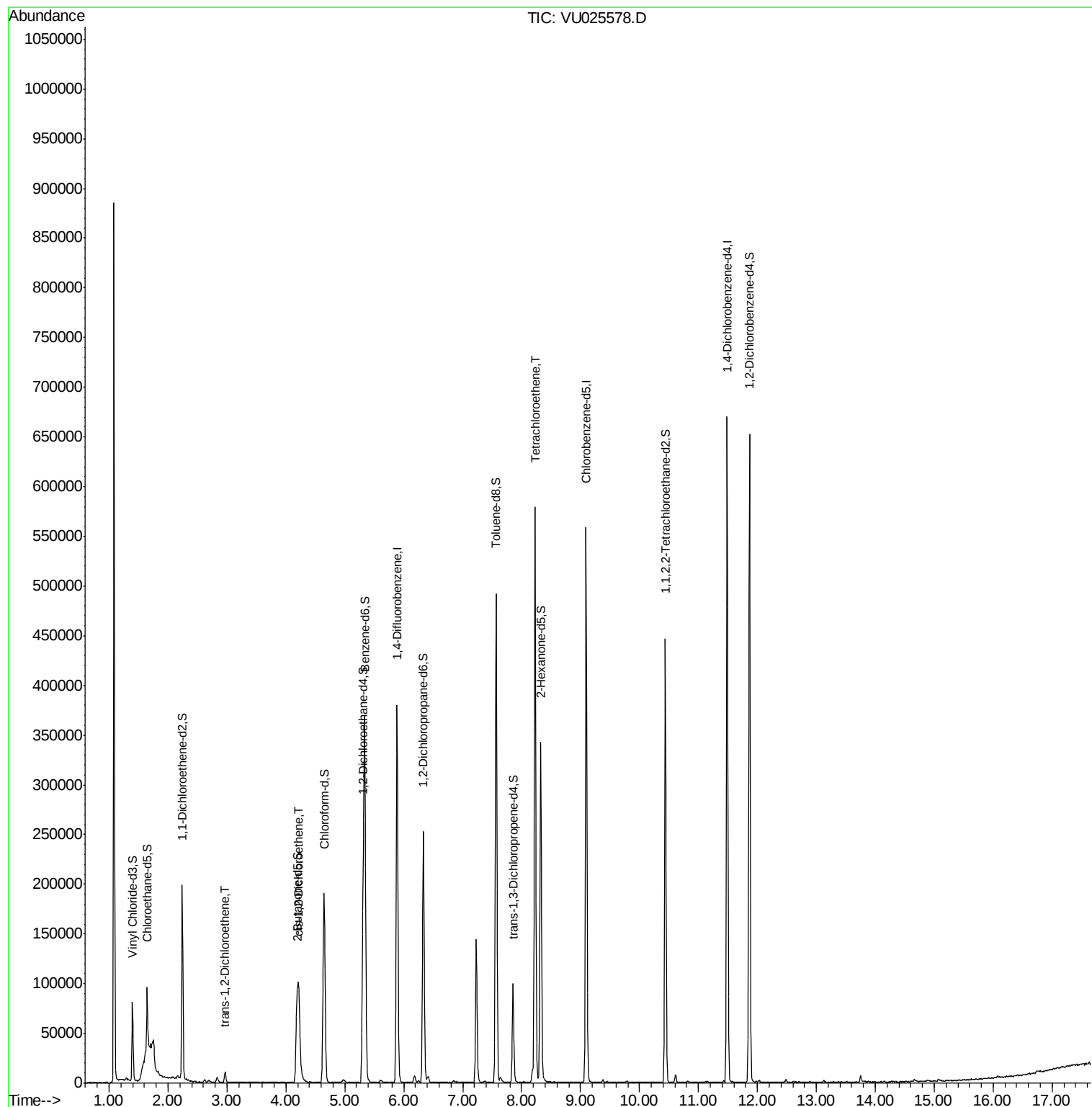
Target Compounds						Ovalue
17) trans-1,2-Dichloroethene	2.97	96	4245	1.97	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	33546	13.80	ug/L	98
46) Tetrachloroethene	8.23	164	133275	63.52	ug/L	98

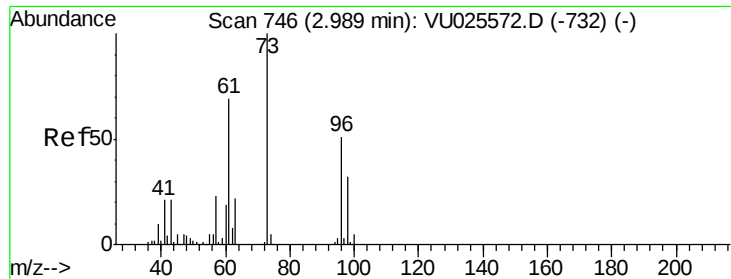
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.97 ug/L

RT: 2.97 min Scan# 739

Delta R.T. -0.02 min

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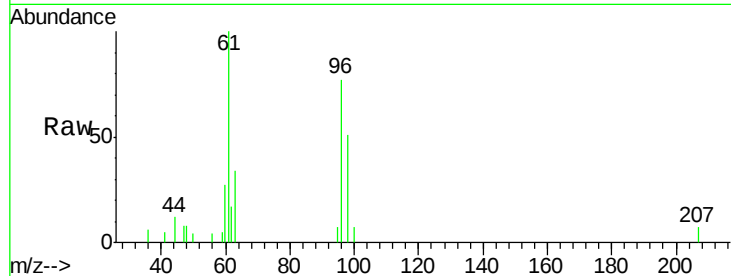
Tot Ion: 96 Resp: 4245

Ion Ratio Lower Upper

96 100

61 130.5 100.0 185.8

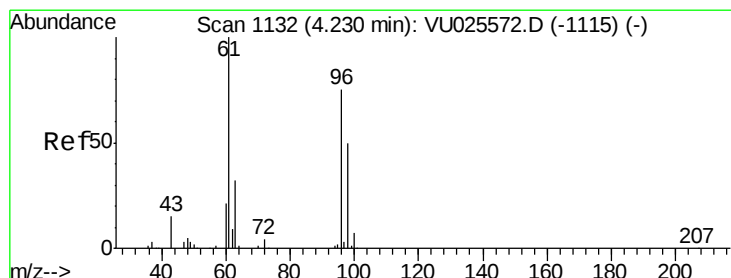
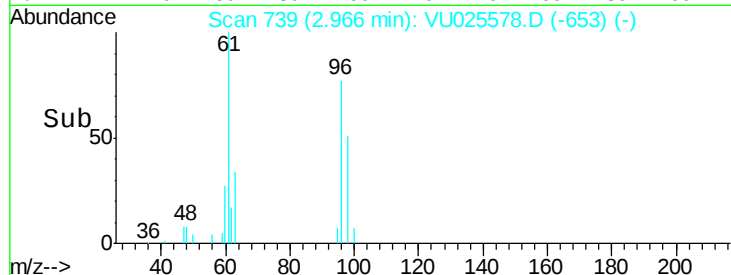
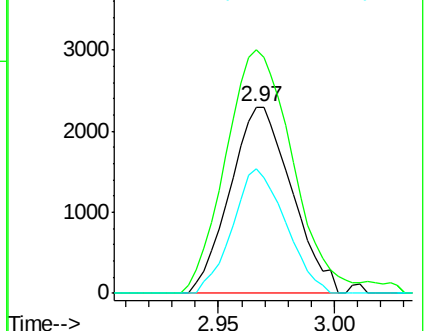
98 67.1 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 13.80 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025578.D

Acq: 21 Jul 2018 12:30

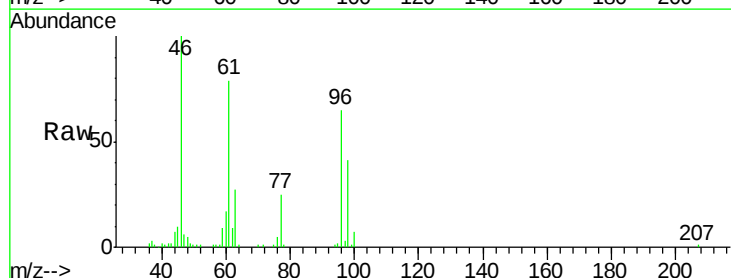
Tgt Ion: 96 Resp: 33546

Ion Ratio Lower Upper

96 100

61 122.4 87.4 162.2

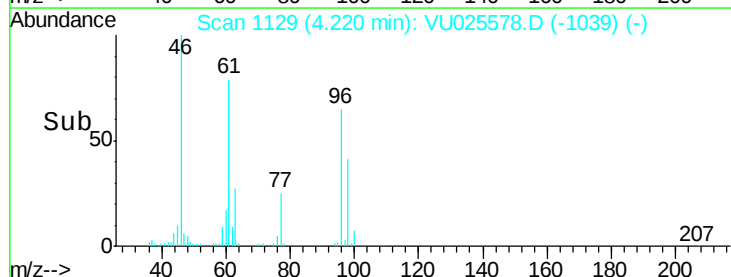
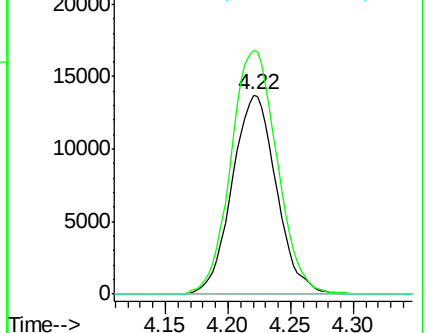
68 0.0 0.0 0.0

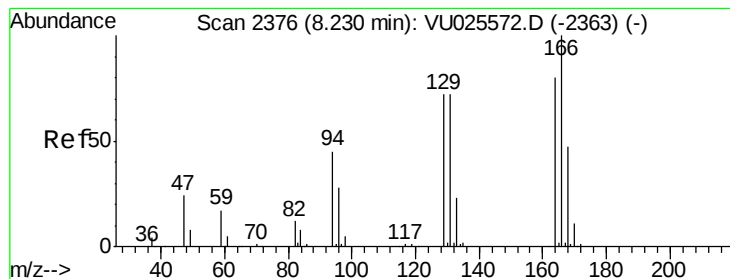


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#46

Tetrachloroethene

Concen: 63.52 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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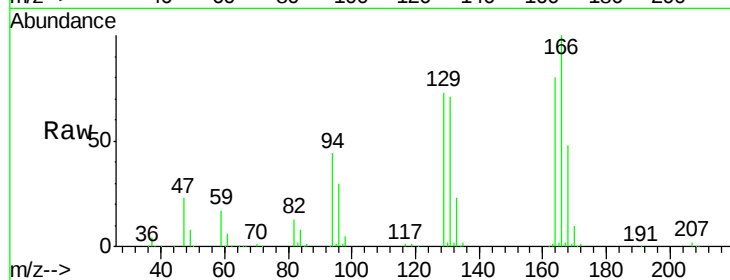
Acq: 21 Jul 2018 12:30

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Tot Ion:164 Resp: 133275

Ion Ratio Lower Upper

164 100

129 90.8 65.1 120.9

131 89.2 62.8 116.6

166 124.8 89.7 166.7

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

