

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072618\
 Data File : VU025645.D
 Acq On : 26 Jul 2018 11:46
 Operator : MD/SY
 Sample : J4040-08ME
 Misc : 5.14g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2ME

Quant Time: Jul 27 02:27:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	270808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153062	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84281	54.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.02%
7) Chloroethane-d5	1.64	69	47315	37.10	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.24	63	129840	40.34	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
21) 2-Butanone-d5	4.19	46	146634	122.85	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.85%
24) Chloroform-d	4.64	84	184704	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	5.31	65	131542	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
32) Benzene-d6	5.34	84	368324	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.33	67	120759	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.57	98	345801	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%
43) trans-1,3-Dichloropropene-	7.85	79	61115	54.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.68%
47) 2-Hexanone-d5	8.32	63	113065	123.77	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184635	60.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.02%#
64) 1,2-Dichlorobenzene-d4	11.87	152	171615	55.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.64%

Target Compounds

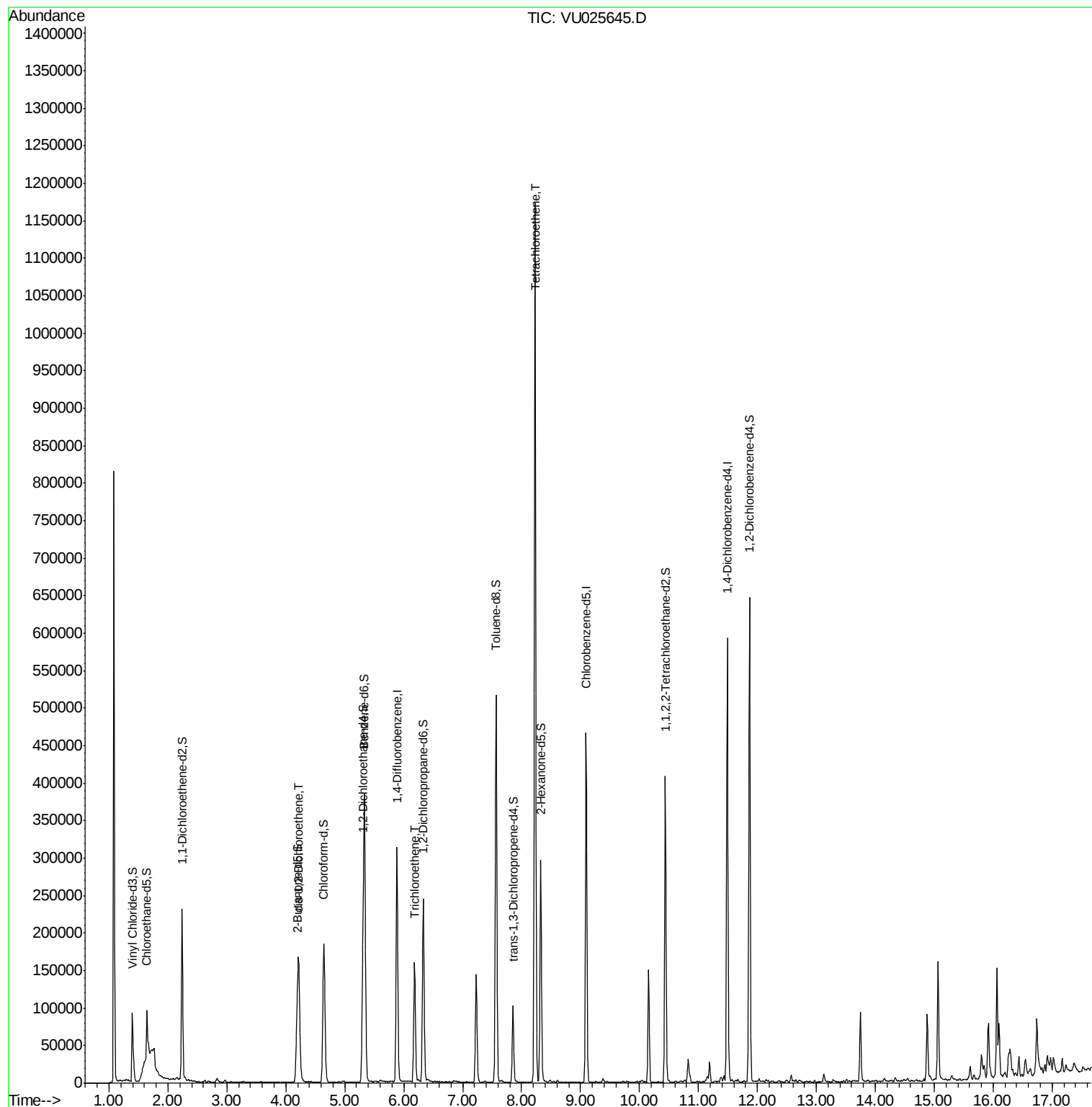
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	72336	36.419 ug/L	92
34) Trichloroethene	6.18	95	53835	26.748 ug/L	98
46) Tetrachloroethene	8.23	164	265732	152.297 ug/L	99

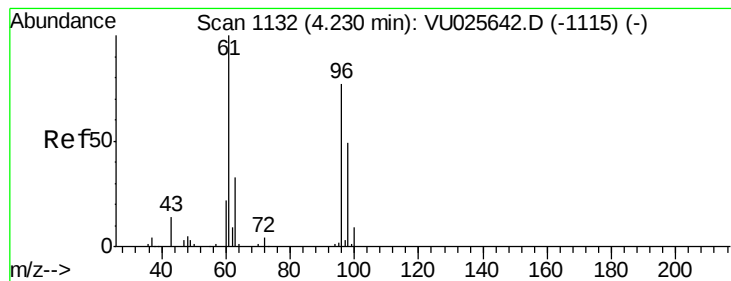
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 36.419 ug/L

RT: 4.22 min Scan# 1128

Delta R.T. -0.01 min

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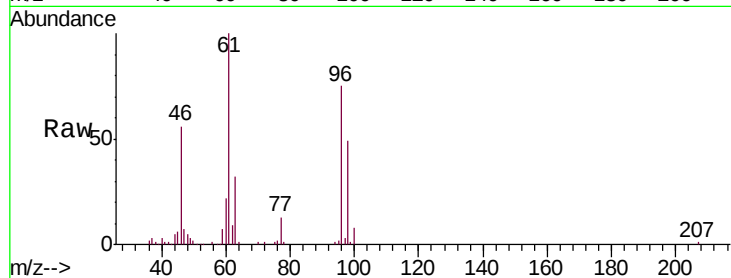
Tot Ion: 96 Resp: 72336

Ion Ratio Lower Upper

96 100

61 134.0 87.4 162.2

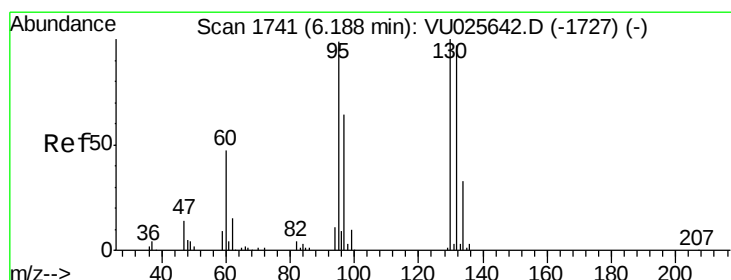
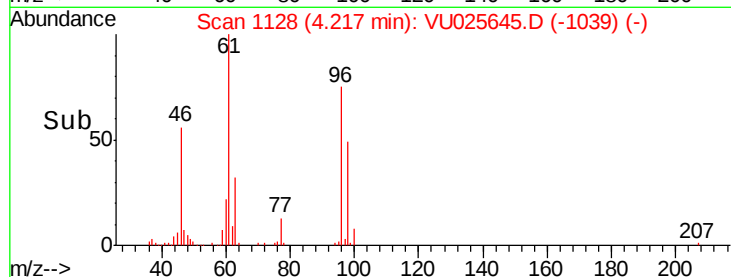
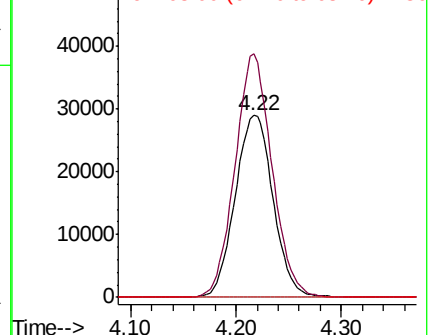
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025642.D (-1115) (-)

Ion 61.00 (60.70 to 61.70): VU025642.D (-1115) (-)

Ion 68.00 (67.70 to 68.70): VU025642.D (-1115) (-)



#34

Trichloroethene

Concen: 26.748 ug/L

RT: 6.18 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VU025645.D

Acq: 26 Jul 2018 11:46

Tgt Ion: 95 Resp: 53835

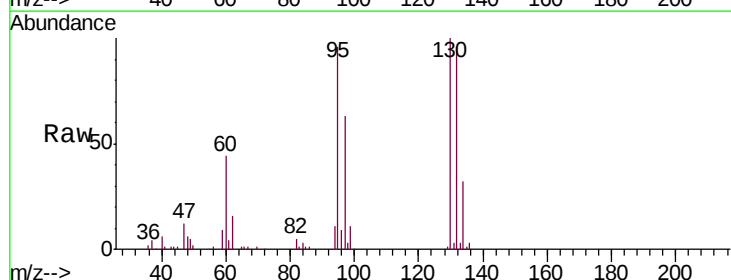
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 99.7 72.2 134.2

130 104.4 74.9 139.1

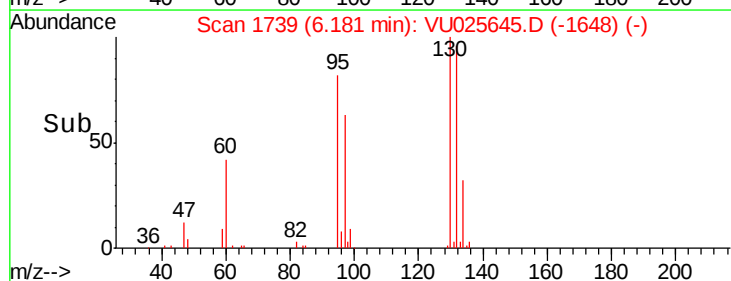
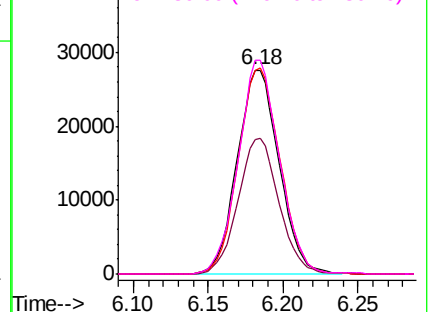


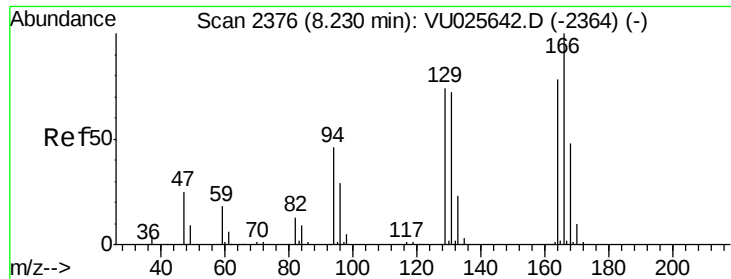
Abundance Ion 95.00 (94.70 to 95.70): VU025642.D (-1727) (-)

Ion 97.00 (96.70 to 97.70): VU025642.D (-1727) (-)

Ion 132.00 (131.70 to 132.70): VU025642.D (-1727) (-)

Ion 130.00 (129.70 to 130.70): VU025642.D (-1727) (-)





#46

Tetrachloroethene

Concen: 152.297 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025645.D

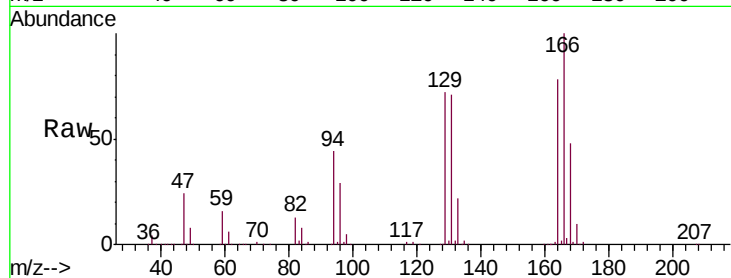
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Tot Ion:164 Resp: 265732

Ion Ratio Lower Upper

164 100

129 92.3 65.1 120.9

131 90.8 62.8 116.6

166 128.0 89.7 166.7

