

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026332.D
 Acq On : 24 Aug 2018 14:41
 Operator : MD/SY
 Sample : J4624-01ME
 Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E4427ME

Quant Time: Aug 25 04:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156739	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67879	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.62%
7) Chloroethane-d5	1.64	69	43208	27.95	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.90%#
11) 1,1-Dichloroethene-d2	2.24	63	104547	28.06	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.12%#
21) 2-Butanone-d5	4.19	46	111135	73.46	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.46%
24) Chloroform-d	4.64	84	157244	37.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.42%
26) 1,2-Dichloroethane-d4	5.31	65	106949	38.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.78%
32) Benzene-d6	5.34	84	308389	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.78%
36) 1,2-Dichloropropane-d6	6.33	67	100889	37.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.18%
41) Toluene-d8	7.57	98	277261	34.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	7.85	79	49557	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.48%
47) 2-Hexanone-d5	8.33	63	89737	78.23	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156126	39.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	129271	38.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.74%#

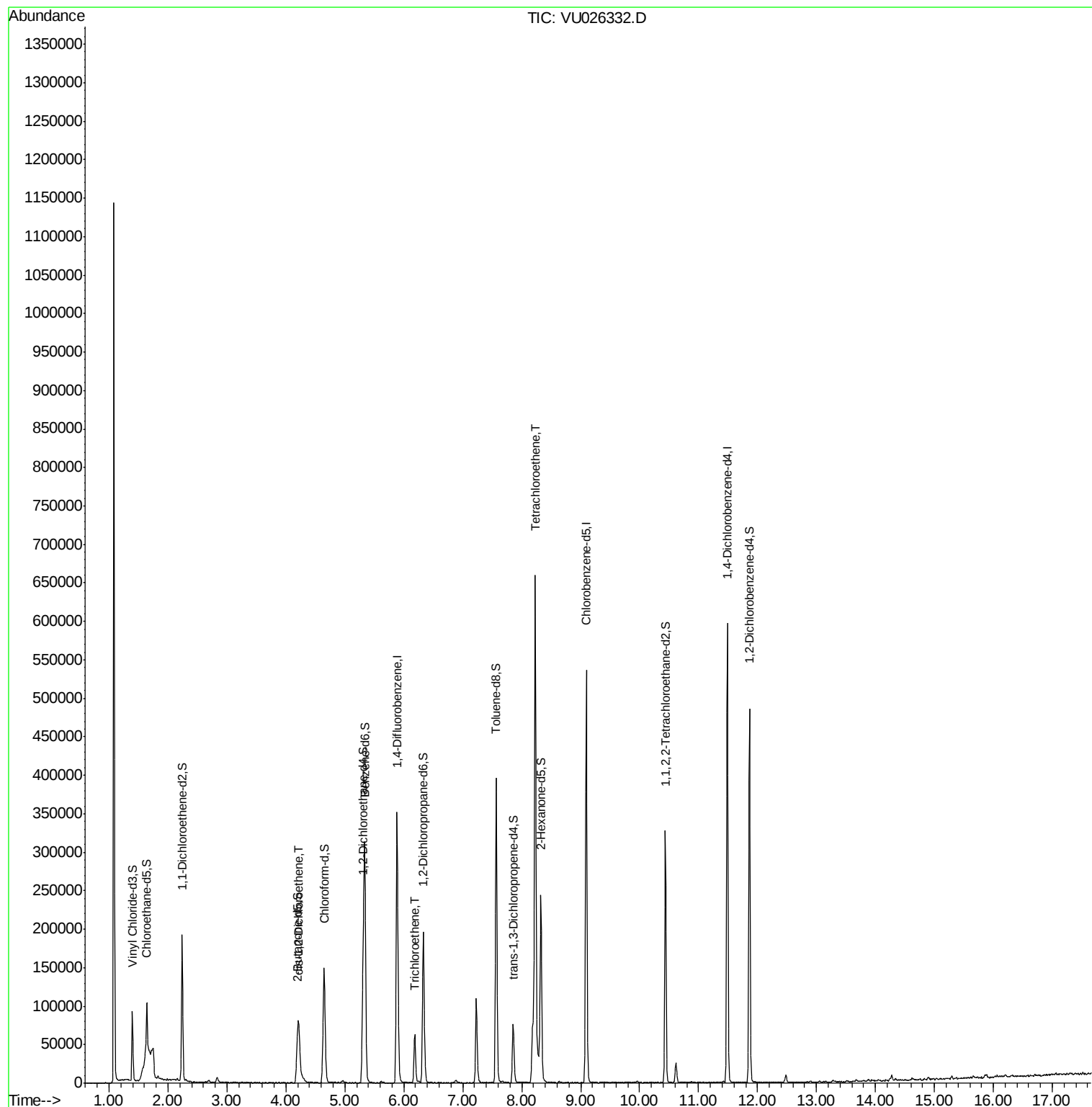
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	27761	12.474 ug/L	90
34) Trichloroethene	6.18	95	22729	10.090 ug/L	99
46) Tetrachloroethene	8.23	164	143479	74.027 ug/L	98

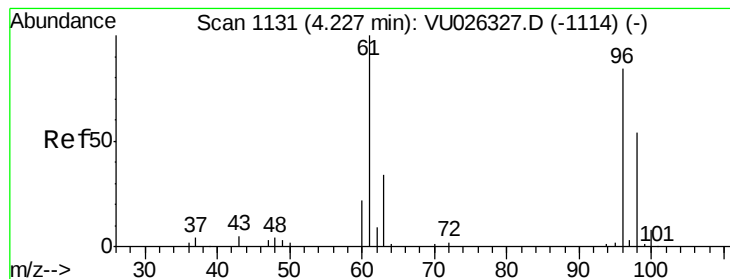
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 12.474 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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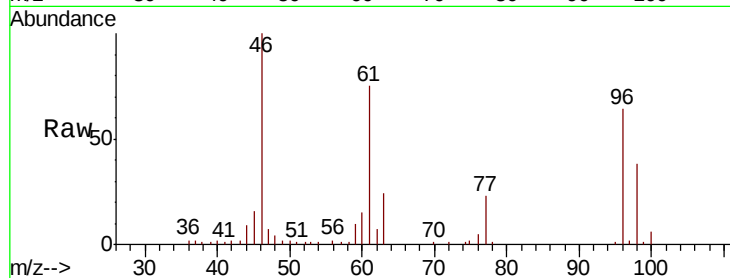
Tgt Ion: 96 Resp: 27761

Ion Ratio Lower Upper

96 100

61 117.9 90.3 167.7

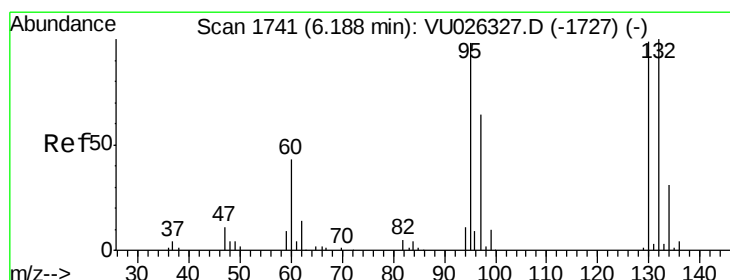
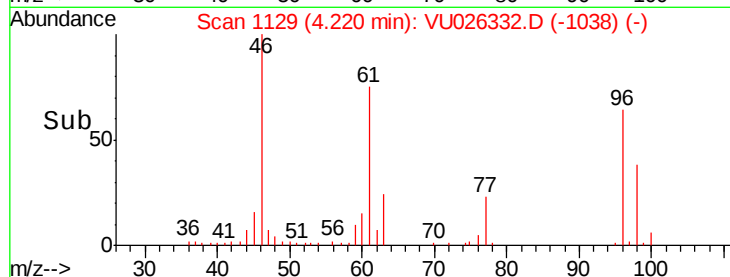
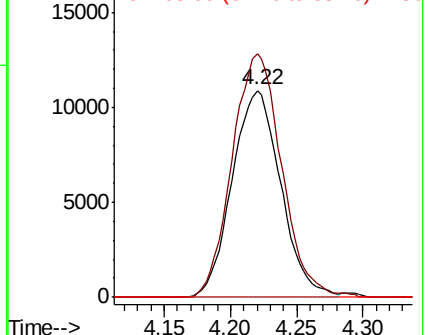
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 10.090 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026332.D

Acq: 24 Aug 2018 14:41

Tgt Ion: 95 Resp: 22729

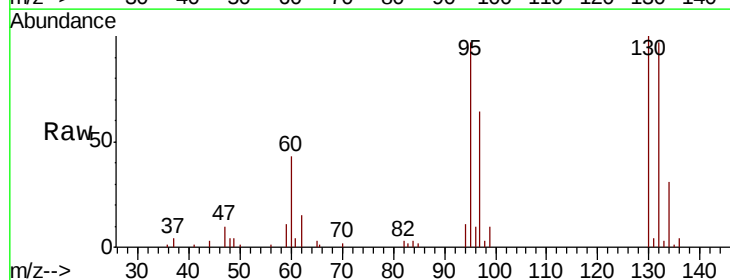
Ion Ratio Lower Upper

95 100

97 66.4 47.2 87.6

132 100.0 70.2 130.4

130 103.0 73.4 136.4

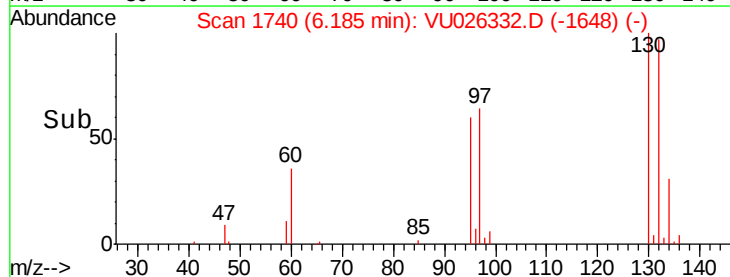
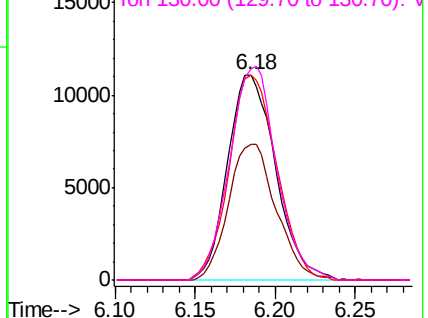


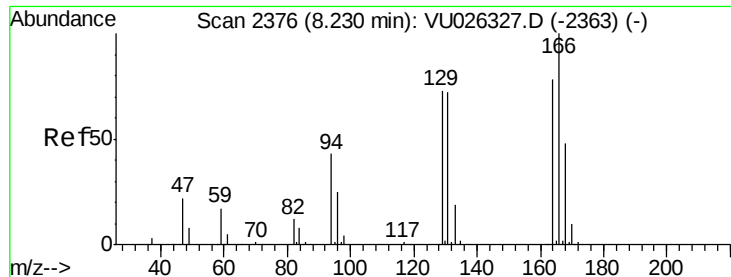
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 74.027 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

E4427ME

Tgt Ion:164 Resp: 143479

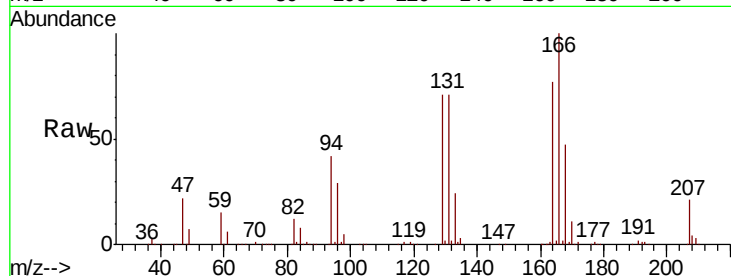
Ion Ratio Lower Upper

164 100

129 92.1 67.3 124.9

131 92.1 65.5 121.7

166 129.3 90.9 168.9



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

