

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026483.D
 Acq On : 31 Aug 2018 05:42
 Operator : MD/SY
 Sample : J4691-06DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03DL

Quant Time: Aug 31 07:14:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	157456	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39889	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.68	69	36963	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.90%
11) 1,1-Dichloroethene-d2	2.27	63	58137	26.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.92%#
21) 2-Butanone-d5	4.18	46	66430	87.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.73%
24) Chloroform-d	4.65	84	74894	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
26) 1,2-Dichloroethane-d4	5.31	65	53694	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.34	84	153275	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.33	67	52959	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.78%
41) Toluene-d8	7.57	98	141176	42.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.22%
43) trans-1,3-Dichloropropene-	7.85	79	22208	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.31	63	52141	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74634	42.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	56844	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

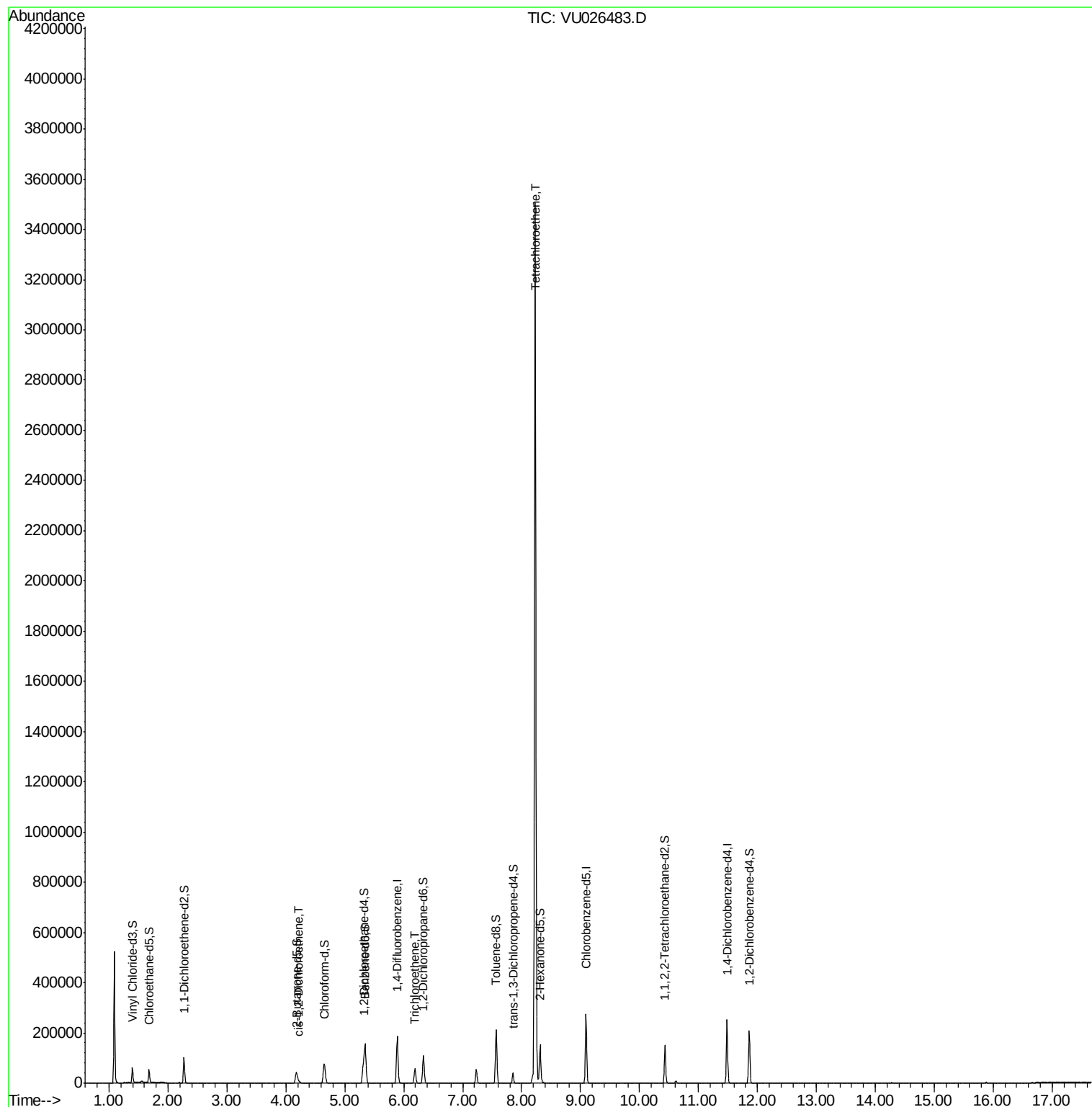
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	1574	1.38	ug/L	78
34) Trichloroethene	6.19	95	20145	18.59	ug/L	99
46) Tetrachloroethene	8.23	164	760441	858.33	ug/L	97

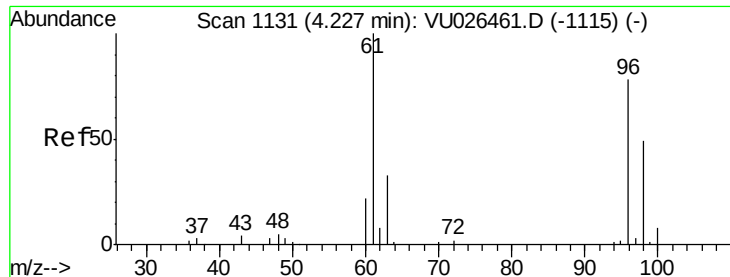
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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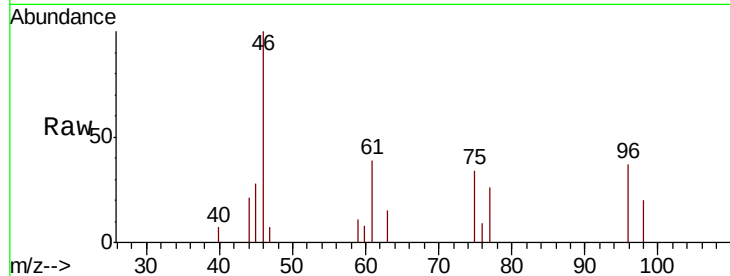




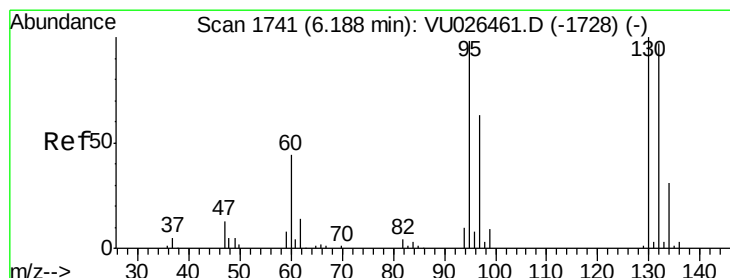
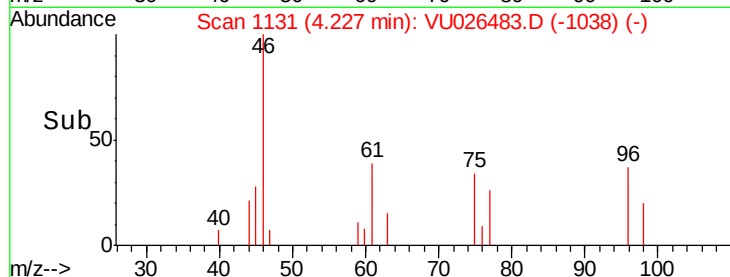
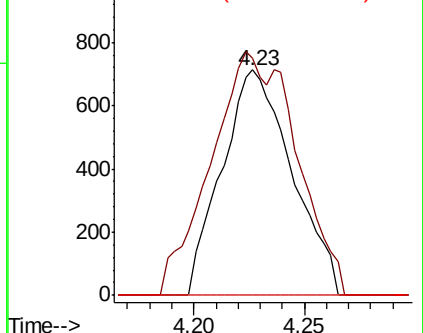
#20
 cis-1,2-Dichloroethene
 Concen: 1.38 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026483.D
 Acq: 31 Aug 2018 05:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03DL

Tot Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 105.5 91.6 170.2
 68 0.0 0.0 0.0

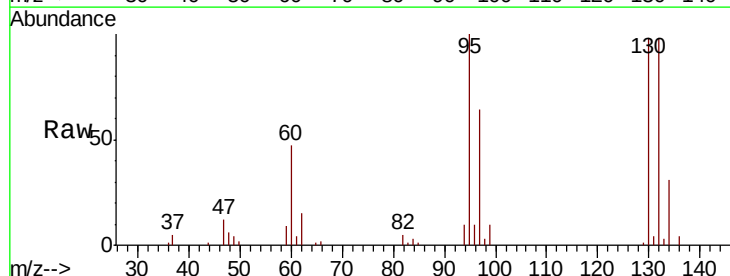


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

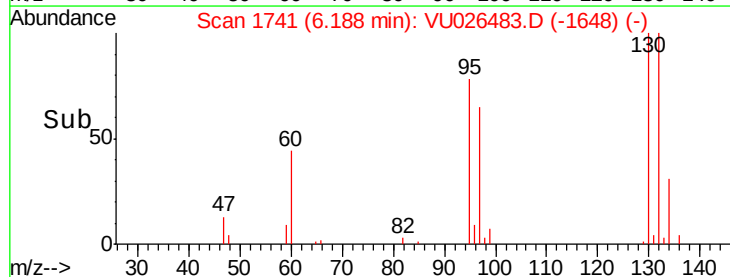
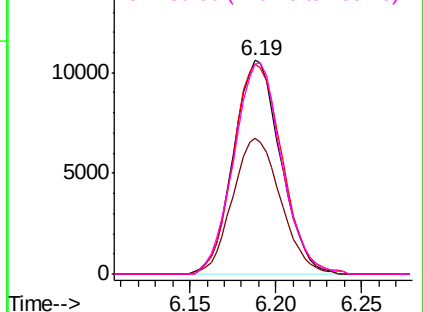


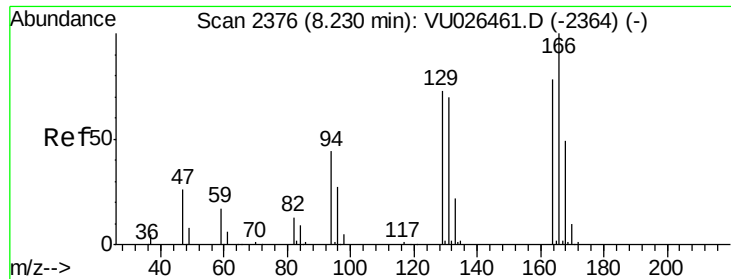
#34
 Trichloroethene
 Concen: 18.59 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026483.D
 Acq: 31 Aug 2018 05:42

Tgt Ion: 95 Resp: 20145
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.1 83.7
 132 98.3 67.5 125.3
 130 98.3 69.3 128.7



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: 858.33 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026483.D

Acq: 31 Aug 2018 05:42

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Tot Ion:164 Resp: 760441

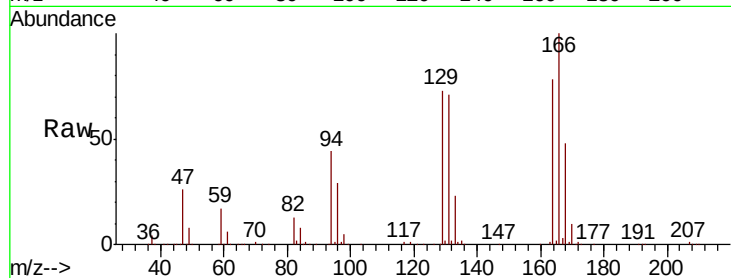
Ion Ratio Lower Upper

164 100

129 93.3 67.3 125.1

131 90.0 65.3 121.3

166 127.5 90.9 168.7



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

