

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028876.D
 Acq On : 21 Dec 2018 16:12
 Operator : MD/SY
 Sample : J6506-20DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF011DL

Quant Time: Dec 22 01:27:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 23:27:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	180275	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53065	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.44%
7) Chloroethane-d5	1.67	69	46383	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.10%
11) 1,1-Dichloroethene-d2	2.27	63	71515	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.18	46	121120	119.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.62%
24) Chloroform-d	4.65	84	105935	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.31	65	68333	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.34	84	221761	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.33	67	80669	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.57	98	186087	43.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.90%
43) trans-1,3-Dichloropropene-	7.85	79	33632	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
47) 2-Hexanone-d5	8.31	63	95135	124.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118267	53.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	70765	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

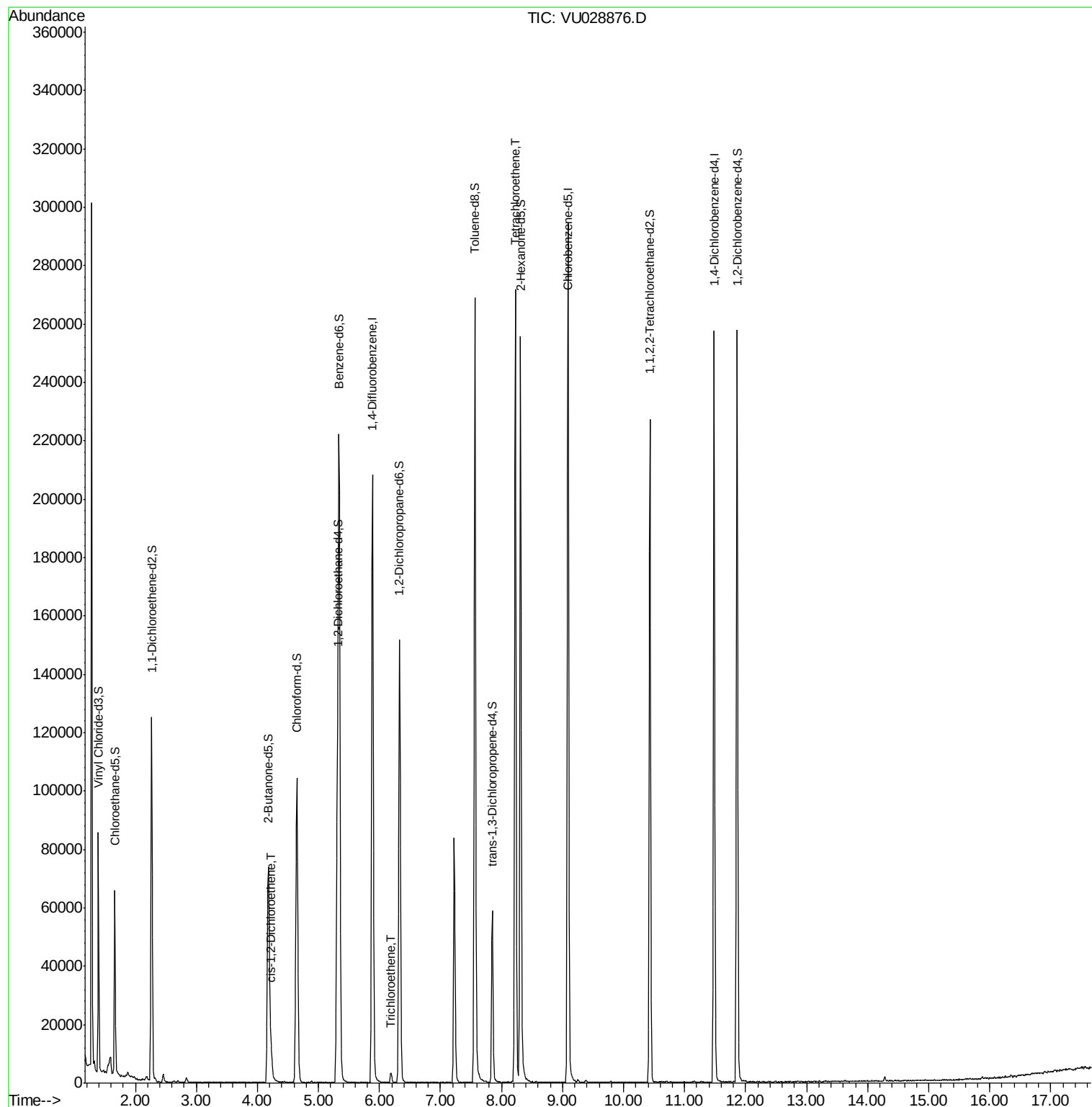
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	3514	2.477 ug/L	94
34) Trichloroethene	6.19	95	1416	1.101 ug/L	92
46) Tetrachloroethene	8.22	164	63096	63.720 ug/L	97

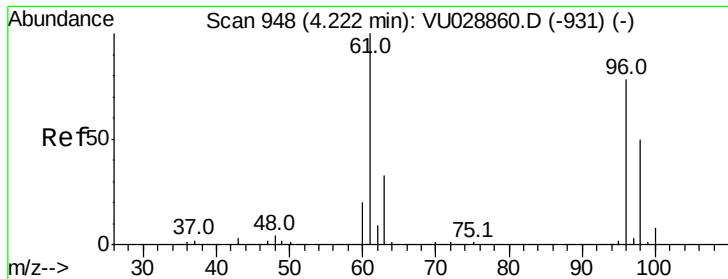
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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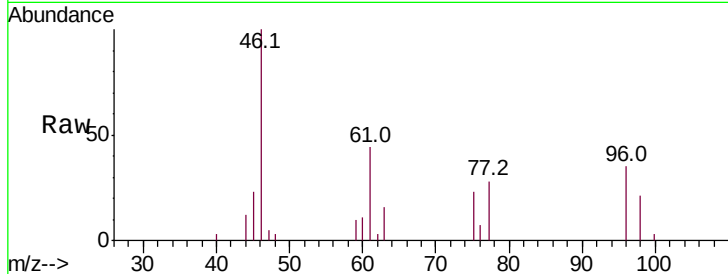




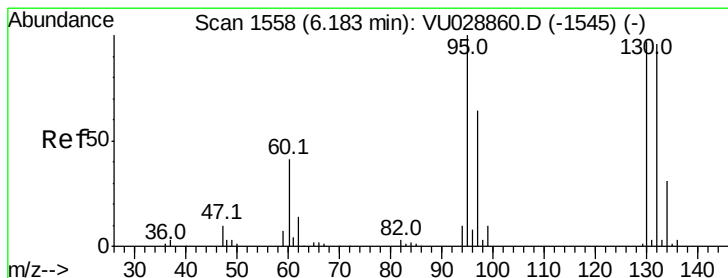
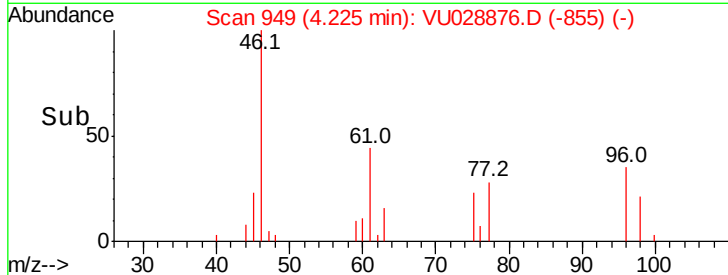
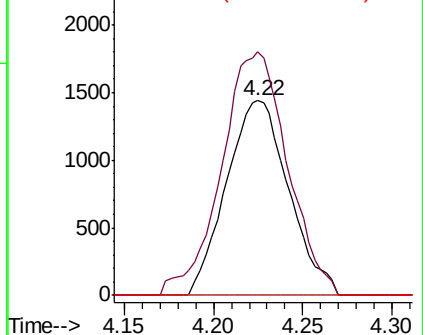
#20
 cis-1,2-Dichloroethene
 Concen: 2.477 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028876.D
 Acq: 21 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleID :
 BF011DL

Tot Ion: 96 Resp: 3514
 Ion Ratio Lower Upper
 96 100
 61 125.1 92.1 171.1
 68 0.0 0.0 0.0

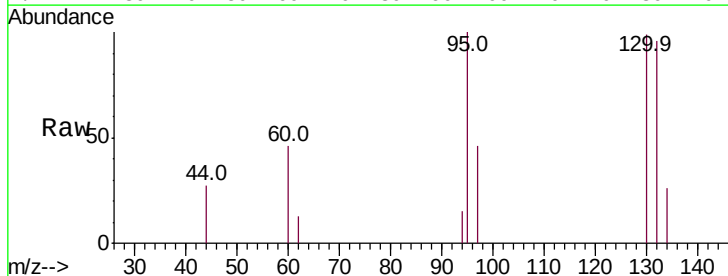


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

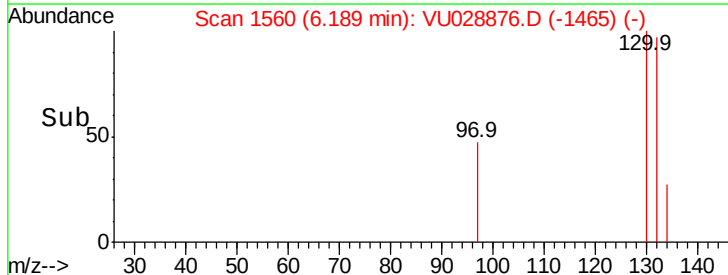
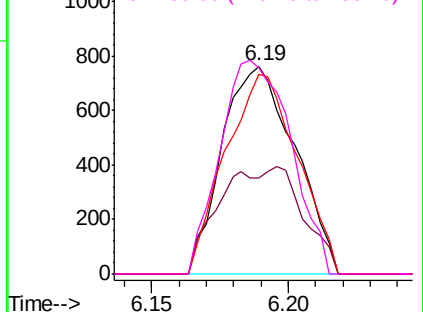


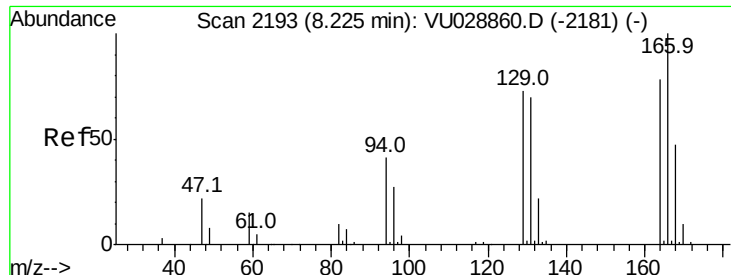
#34
 Trichloroethene
 Concen: 1.101 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VU028876.D
 Acq: 21 Dec 2018 16:12

Tgt Ion: 95 Resp: 1416
 Ion Ratio Lower Upper
 95 100
 97 46.2 43.3 80.3
 132 95.9 64.2 119.2
 130 99.0 67.1 124.7



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: 63.720 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028876.D

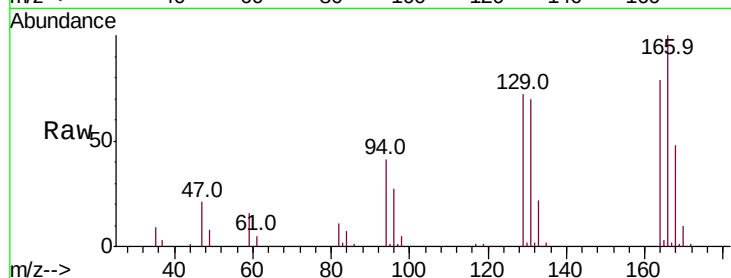
Acq: 21 Dec 2018 16:12

Instrument :

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Tot Ion:164 Resp: 63096

Ion Ratio Lower Upper

164 100

129 91.2 66.8 124.0

131 88.5 64.2 119.2

166 126.2 90.8 168.6

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

