

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028875.D
 Acq On : 21 Dec 2018 15:47
 Operator : MD/SY
 Sample : J6506-19DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF012DL

Quant Time: Dec 22 01:24:53 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	191044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55080	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.92%
7) Chloroethane-d5	1.67	69	48536	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.06%
11) 1,1-Dichloroethene-d2	2.27	63	74907	29.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.16%#
21) 2-Butanone-d5	4.18	46	125526	116.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.98%
24) Chloroform-d	4.65	84	109909	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.31	65	71593	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.34	84	231839	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.33	67	83789	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	196252	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.85	79	35644	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.31	63	95983	118.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122620	52.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	73565	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

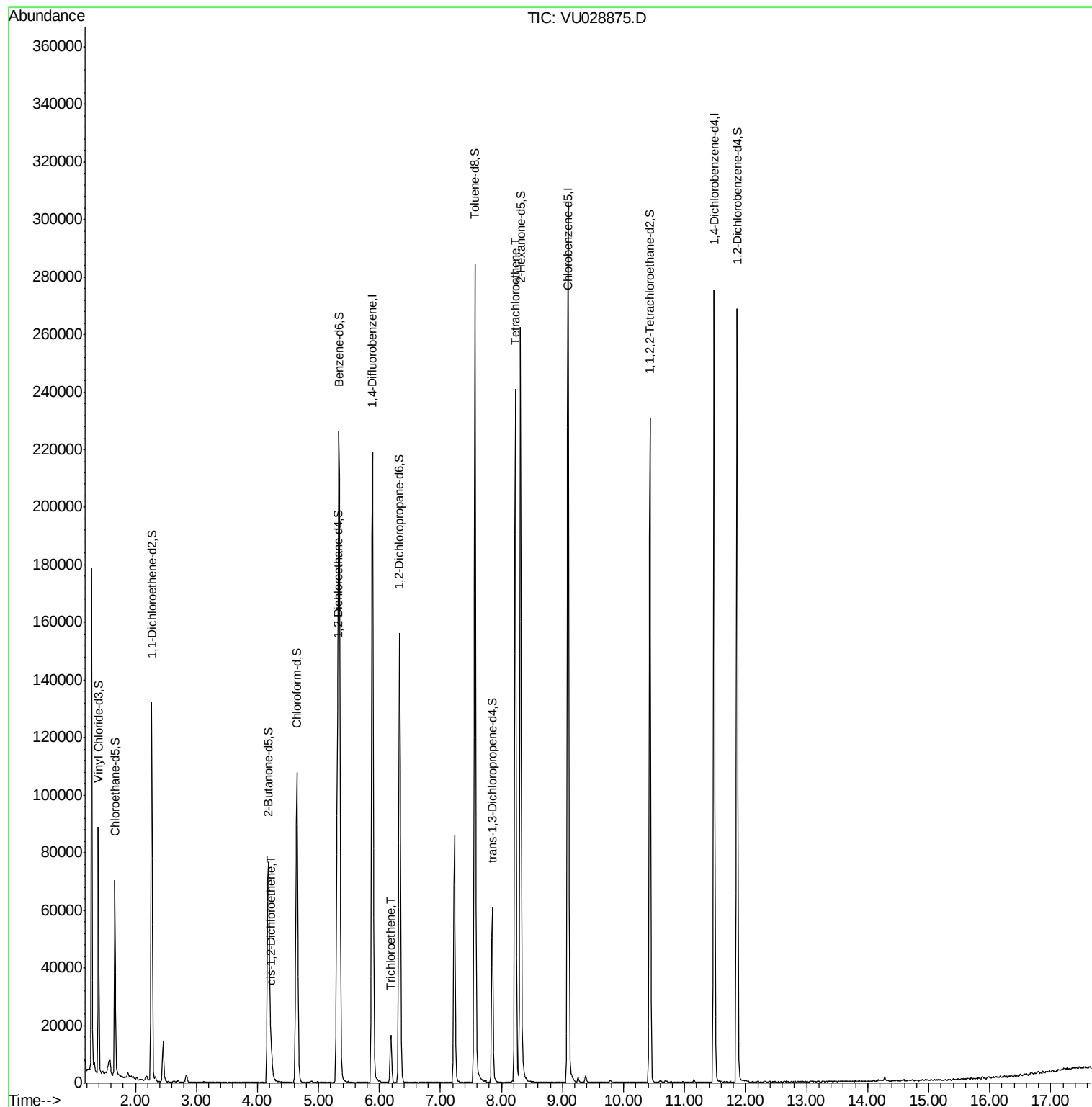
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	3805	2.531 ug/L	98
34) Trichloroethene	6.19	95	6034	4.436 ug/L	98
46) Tetrachloroethene	8.22	164	56174	53.616 ug/L	98

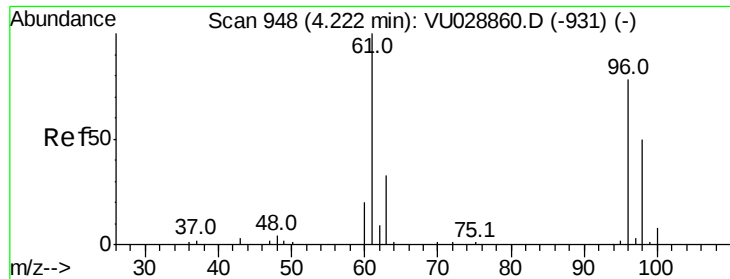
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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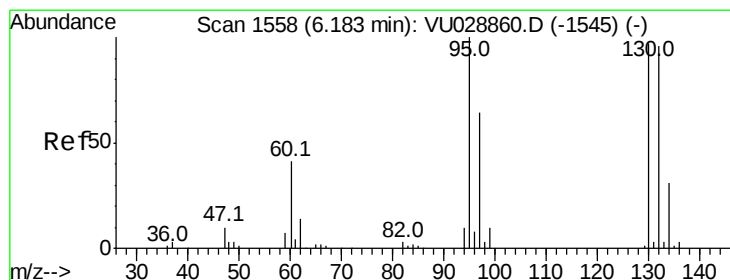
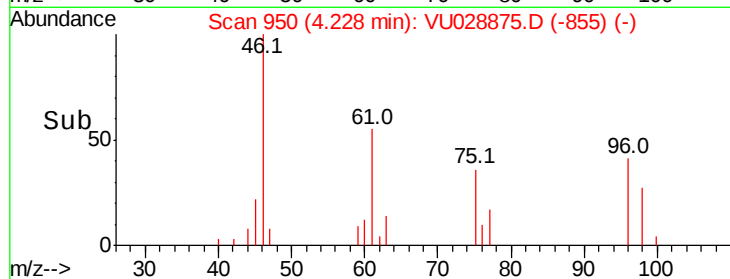
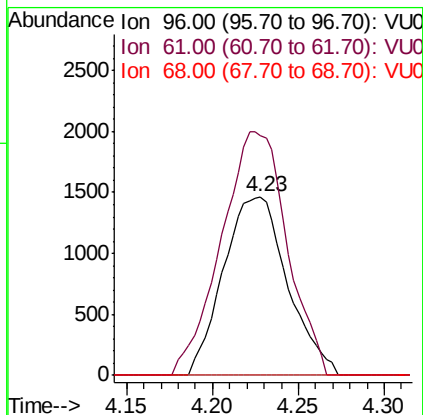
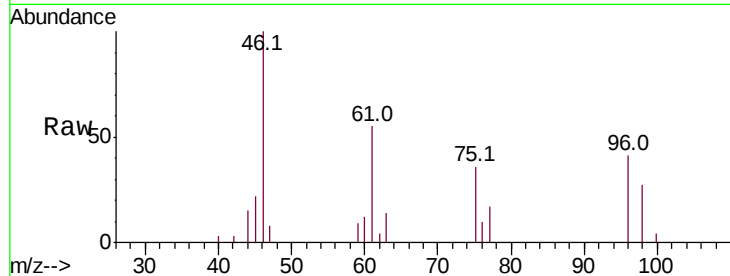


#20

cis-1,2-Dichloroethene
 Concen: 2.531 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VU028875.D
 Acq: 21 Dec 2018 15:47

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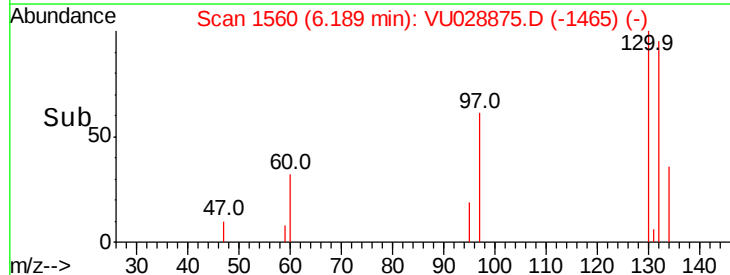
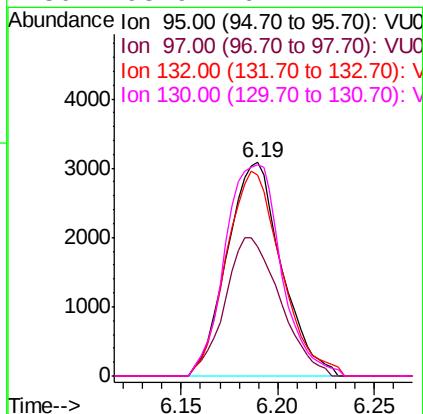
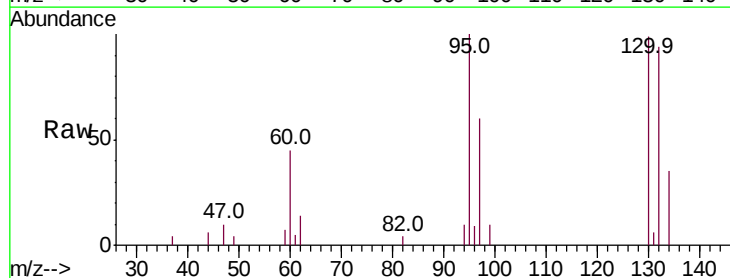
Tot Ion: 96 Resp: 3805
 Ion Ratio Lower Upper
 96 100
 61 134.0 92.1 171.1
 68 0.0 0.0 0.0

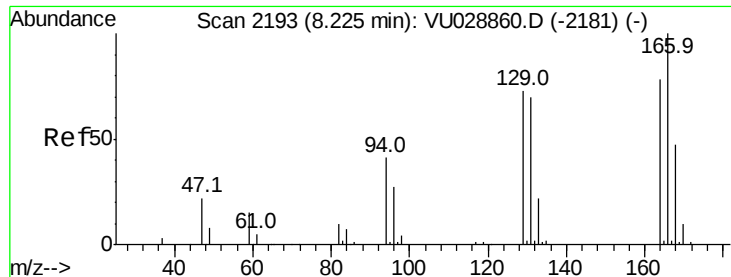


#34

Trichloroethene
 Concen: 4.436 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VU028875.D
 Acq: 21 Dec 2018 15:47

Tgt Ion: 95 Resp: 6034
 Ion Ratio Lower Upper
 95 100
 97 60.4 43.3 80.3
 132 93.9 64.2 119.2
 130 98.9 67.1 124.7





#46

Tetrachloroethene

Concen: 53.616 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028875.D

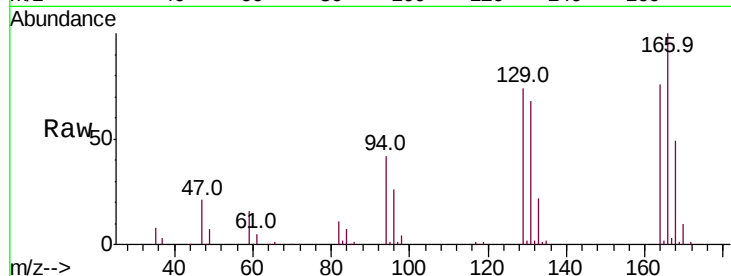
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Tot Ion:164 Resp: 56174

Ion Ratio Lower Upper

164 100

129 96.6 66.8 124.0

131 88.7 64.2 119.2

166 130.9 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

