

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031924.D
 Acq On : 11 May 2019 12:28
 Operator : JC/SP
 Sample : K2705-10DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48DL

Quant Time: May 13 13:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	979980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1005034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	370189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	343314	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.72%
7) Chloroethane-d5	1.67	69	309333	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.27	63	496392	30.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.78%
21) 2-Butanone-d5	4.17	46	670185	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.64	84	675442	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.31	65	453984	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	1379998	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
36) 1,2-Dichloropropane-d6	6.32	67	480628	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.54%
41) Toluene-d8	7.56	98	1136654	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.85	79	190002	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.31	63	412154	87.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	678647	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	391280	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

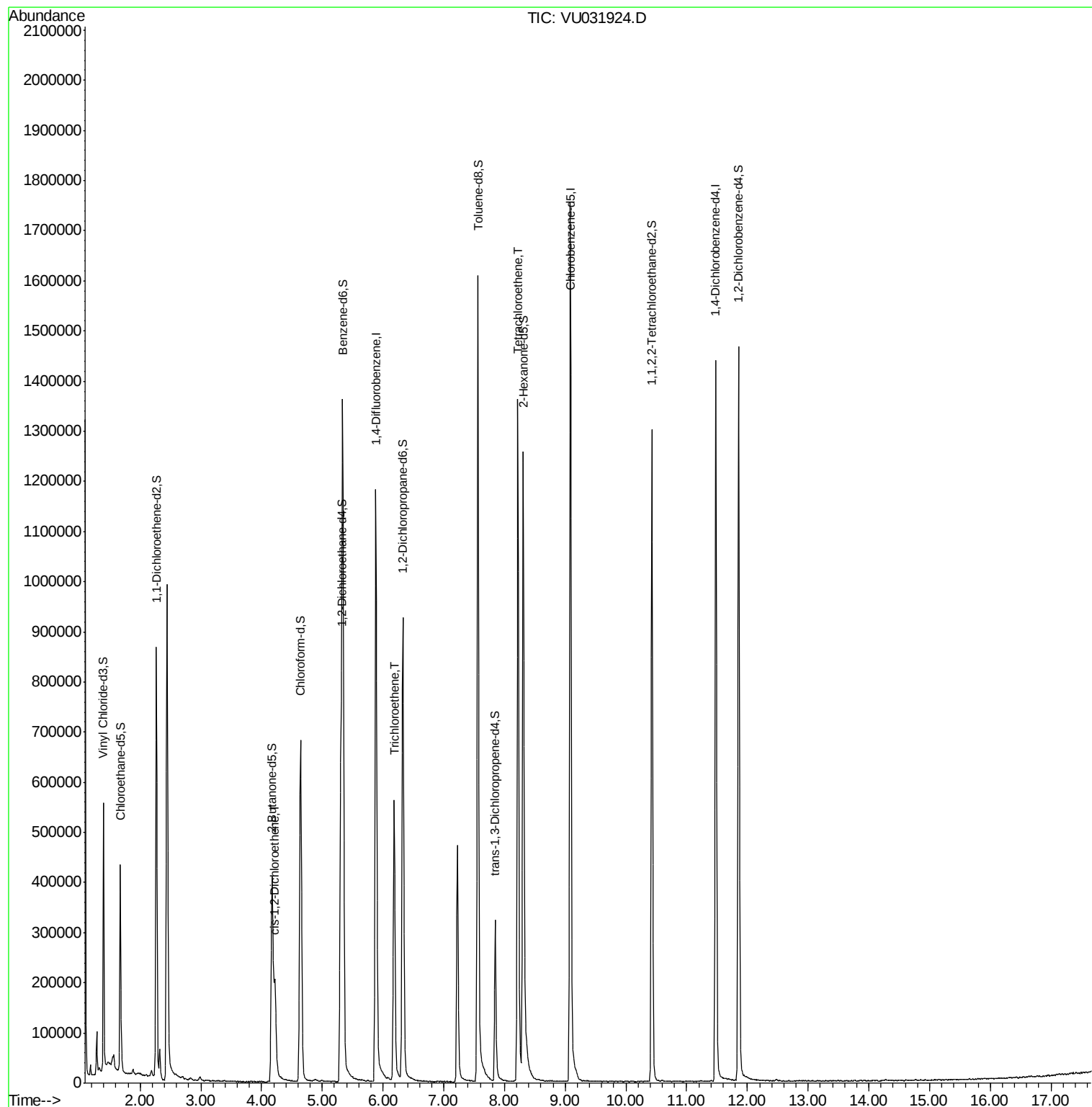
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	84910	9.936 ug/L	99
34) Trichloroethene	6.18	95	209202	23.356 ug/L	98
46) Tetrachloroethene	8.22	164	307376	50.337 ug/L	96

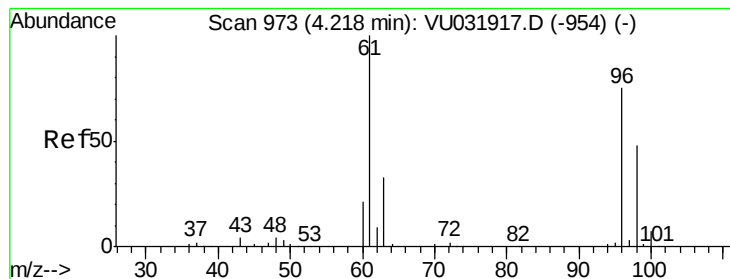
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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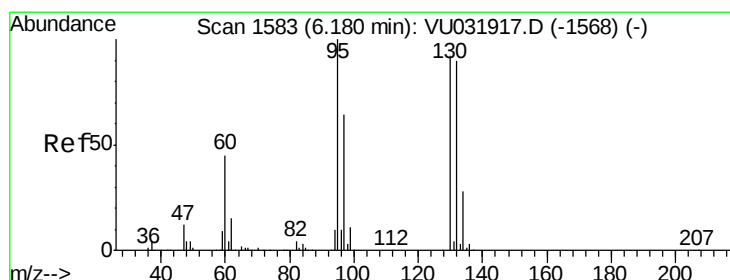
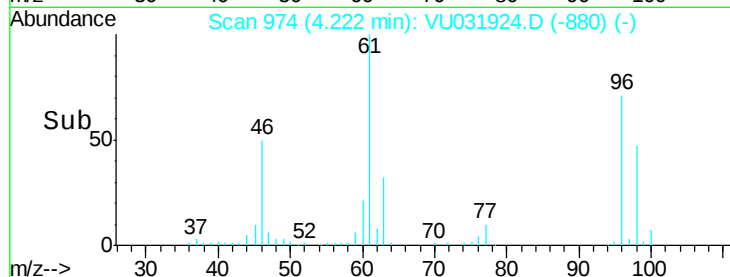
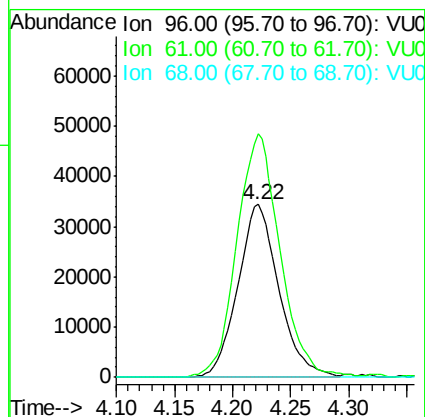
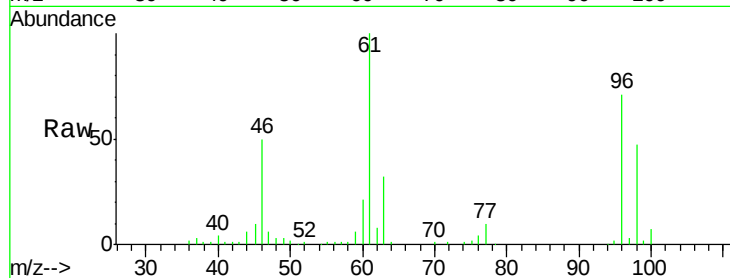


#20

cis-1,2-Dichloroethene
Concen: 9.936 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031924.D
Acq: 11 May 2019 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0B48DL

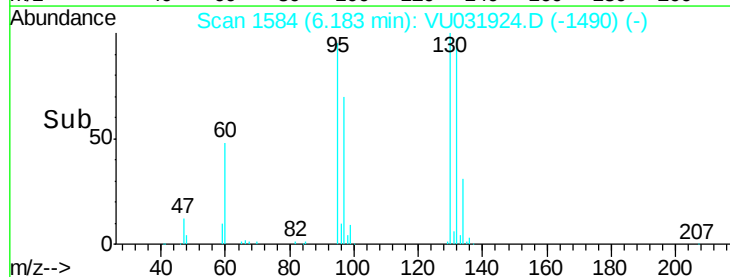
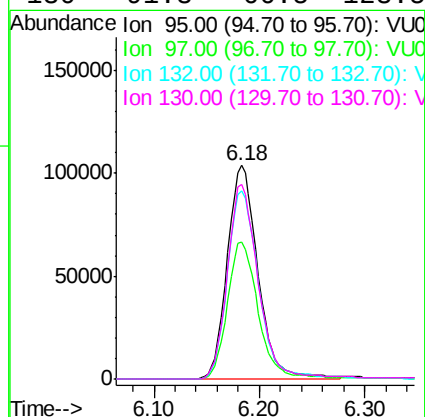
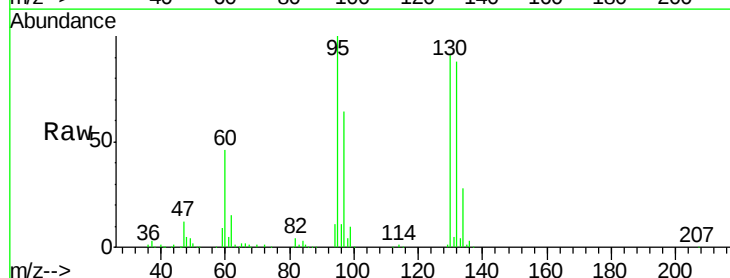
Tot Ion: 96 Resp: 84910
Ion Ratio Lower Upper
96 100
61 140.9 99.5 184.7
68 0.0 0.0 0.0

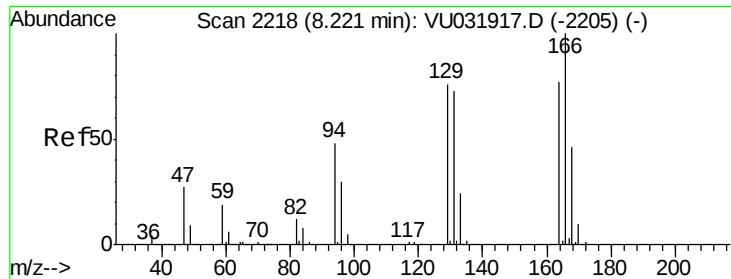


#34

Trichloroethene
Concen: 23.356 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031924.D
Acq: 11 May 2019 12:28

Tgt Ion: 95 Resp: 209202
Ion Ratio Lower Upper
95 100
97 64.1 44.8 83.2
132 88.2 63.1 117.1
130 91.3 66.5 123.5





#46

Tetrachloroethene

Concen: 50.337 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031924.D

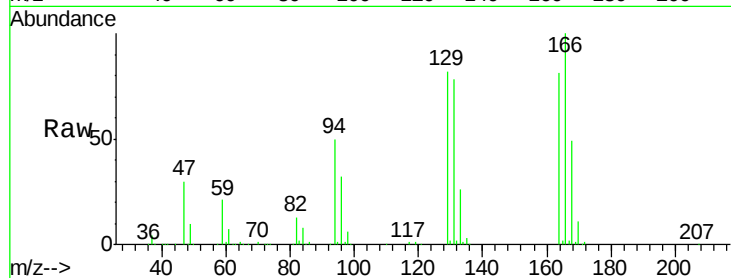
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MSVOA_U

ClientSampleId :

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Tot Ion:164 Resp: 307376

Ion Ratio Lower Upper

164 100

129 101.6 71.5 132.9

131 96.6 69.0 128.2

166 123.8 93.7 173.9

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

