

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031134.D
 Acq On : 12 Apr 2019 17:27
 Operator : JC/SP
 Sample : K2341-15DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB737DL

Quant Time: Apr 13 02:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217046	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.54%
7) Chloroethane-d5	1.68	69	163317	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.74%
11) 1,1-Dichloroethene-d2	2.26	63	281471	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.08%
21) 2-Butanone-d5	4.17	46	320719	87.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.20%
24) Chloroform-d	4.64	84	322968	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.31	65	225046	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.33	84	668471	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
36) 1,2-Dichloropropane-d6	6.32	67	220370	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.68%
41) Toluene-d8	7.56	98	569289	42.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.58%
43) trans-1,3-Dichloropropene-	7.85	79	95551	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.31	63	200440	85.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297952	42.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	200993	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds

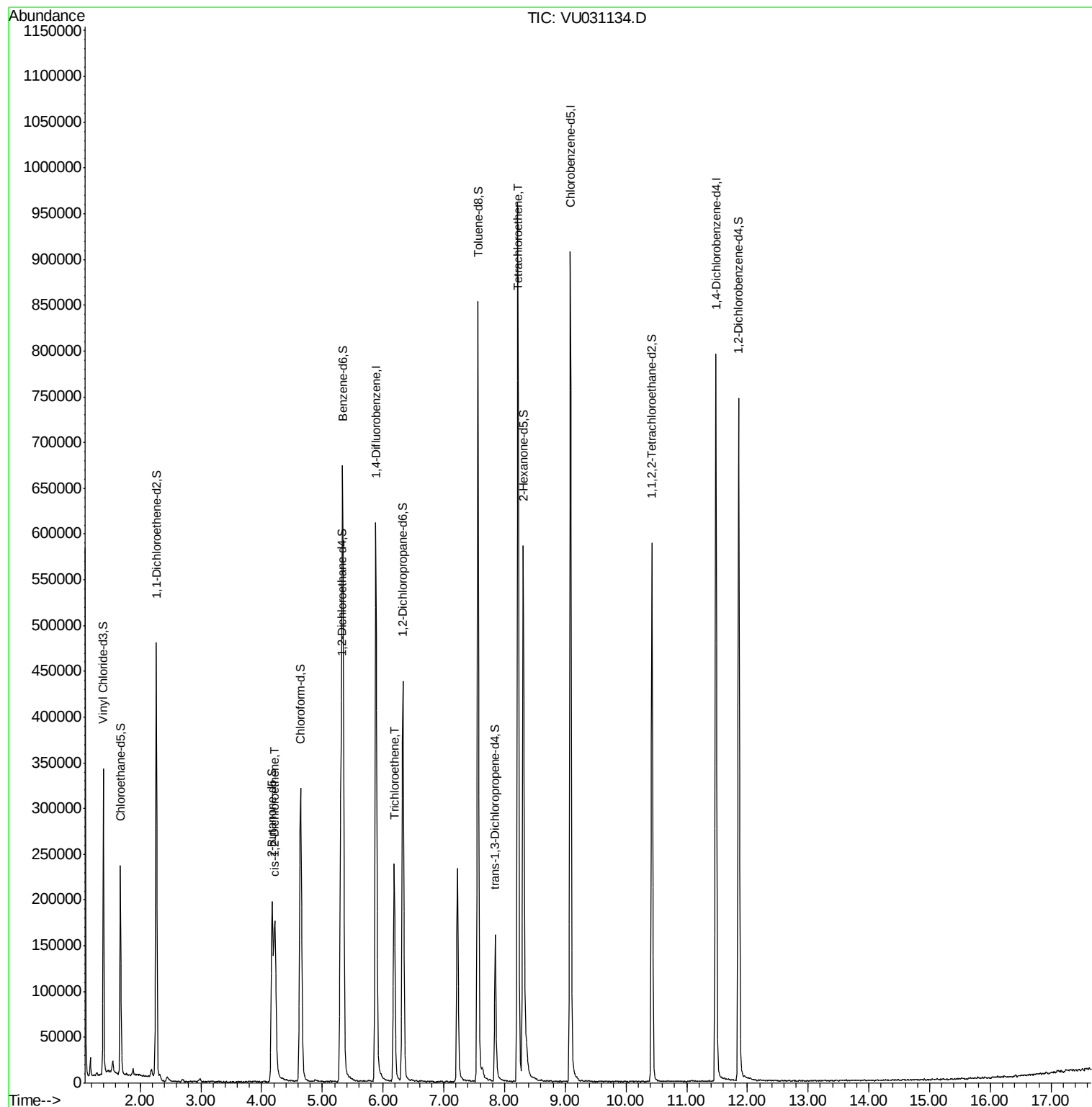
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	85049	20.188	ug/L 93
34) Trichloroethene	6.18	95	86412	20.938	ug/L 97
46) Tetrachloroethene	8.22	164	217284	72.416	ug/L 100

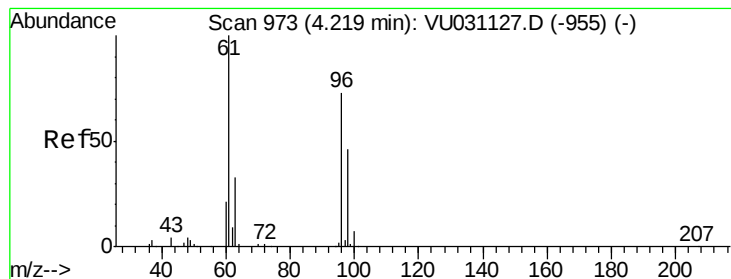
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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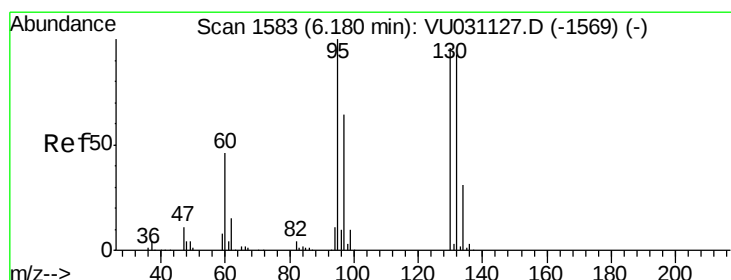
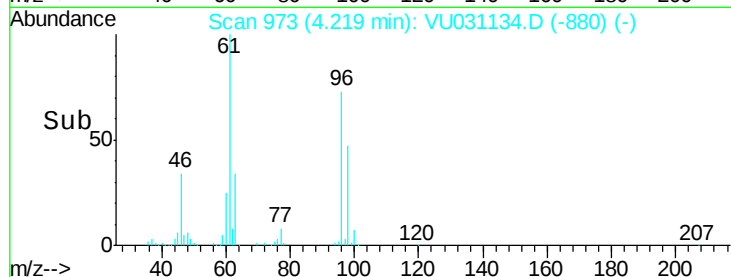
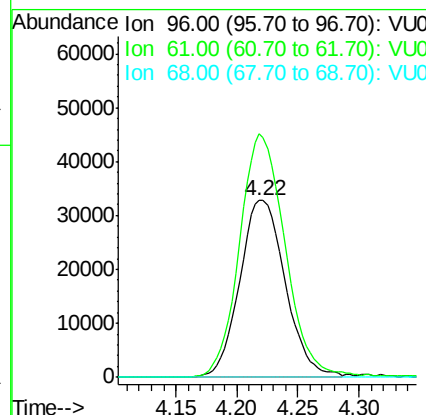
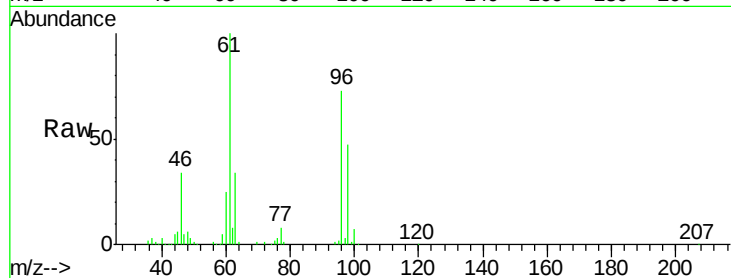


#20

cis-1,2-Dichloroethene
Concen: 20.188 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031134.D
Acq: 12 Apr 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
DB737DL

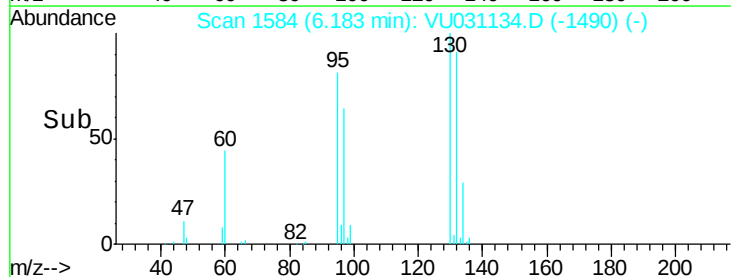
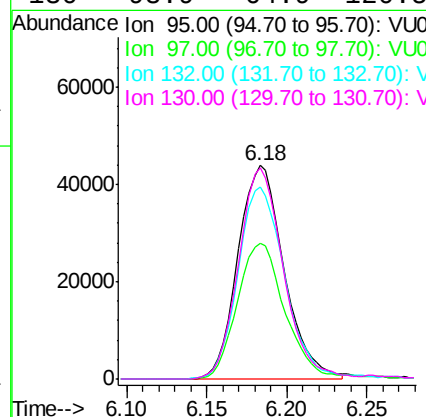
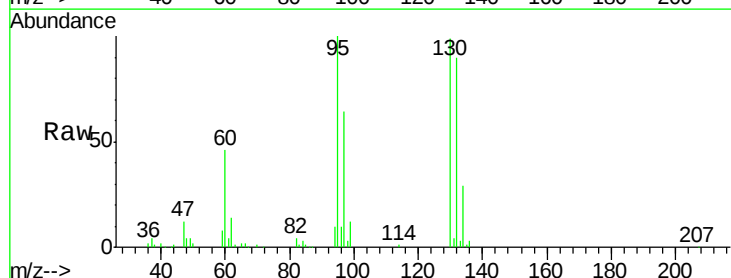
Tot Ion: 96 Resp: 85049
Ion Ratio Lower Upper
96 100
61 137.7 102.9 191.1
68 0.0 0.0 0.0

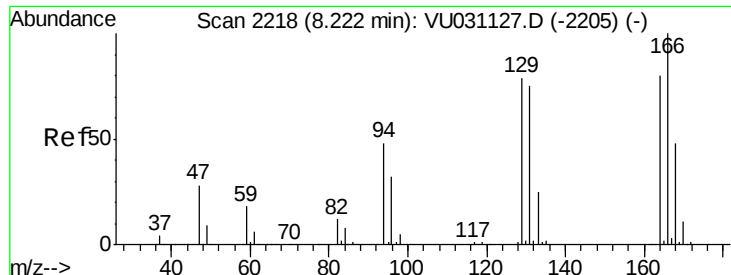


#34

Trichloroethene
Concen: 20.938 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031134.D
Acq: 12 Apr 2019 17:27

Tgt Ion: 95 Resp: 86412
Ion Ratio Lower Upper
95 100
97 63.5 44.5 82.7
132 90.0 61.5 114.1
130 98.9 64.9 120.5





#46

Tetrachloroethene

Concen: 72.416 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031134.D

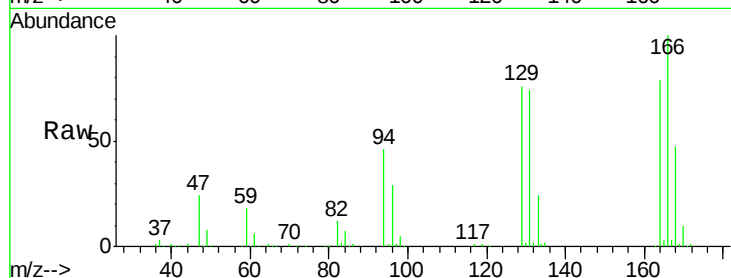
Acq: 12 Apr 2019 17:27

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Tot Ion:164 Resp: 217284

Ion Ratio Lower Upper

164 100

129 96.9 67.4 125.2

131 94.2 65.9 122.5

166 127.3 88.6 164.6

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

