

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031799.D
 Acq On : 07 May 2019 13:07
 Operator : JC/SP
 Sample : K2705-03DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B42DL

Quant Time: May 08 07:37:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627761	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	616133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	242141	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.18%
7) Chloroethane-d5	1.68	69	181138	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.22%
11) 1,1-Dichloroethene-d2	2.27	63	384496	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.19	46	510216	107.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.64	84	445937	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.31	65	322036	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
32) Benzene-d6	5.34	84	873144	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
36) 1,2-Dichloropropane-d6	6.33	67	315124	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.56	98	712500	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.85	79	126296	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.31	63	276139	95.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	398761	44.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	220272	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds

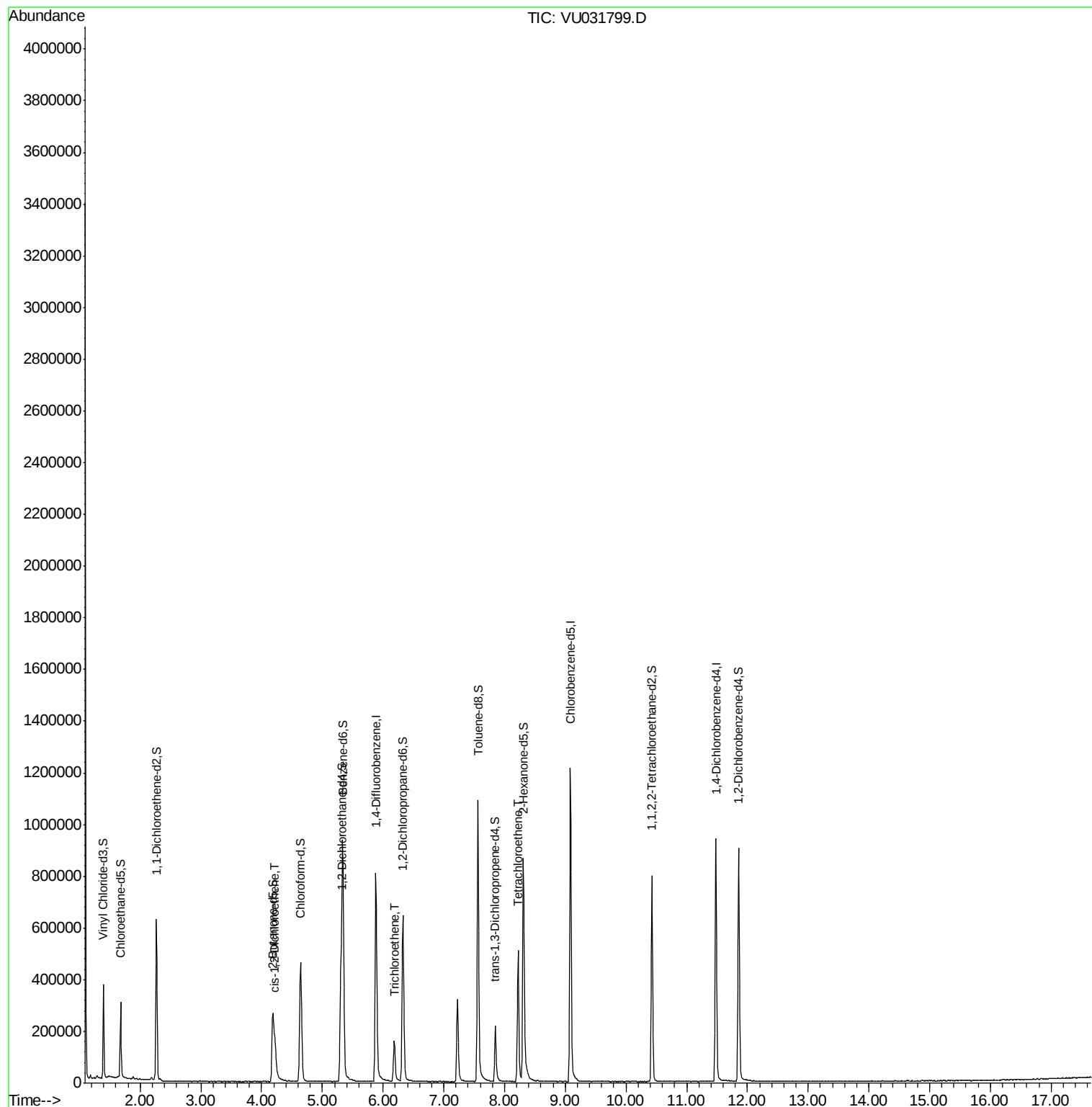
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	42701	7.800 ug/L	86
34) Trichloroethene	6.19	95	56884	10.359 ug/L	93
46) Tetrachloroethene	8.22	164	102252	27.315 ug/L	97

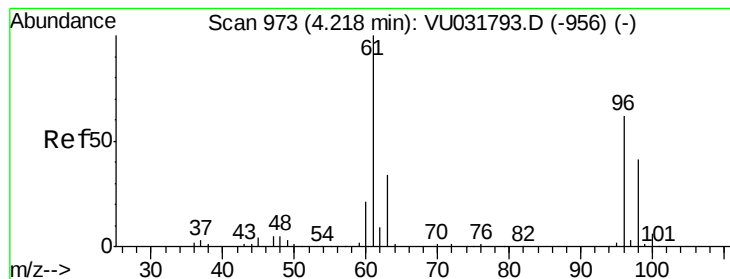
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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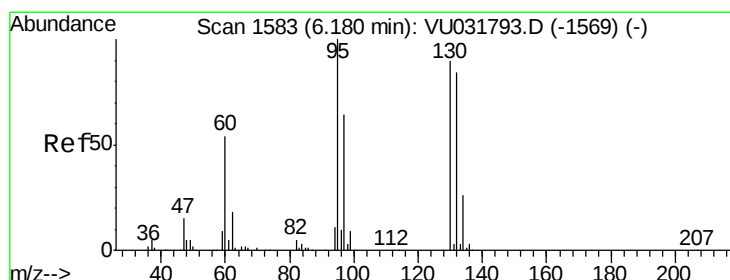
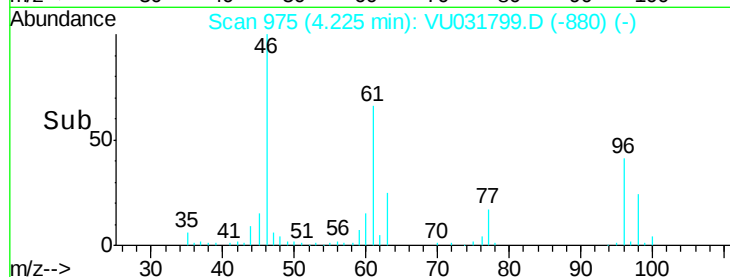
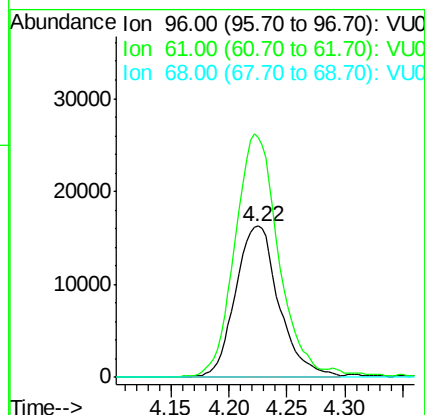
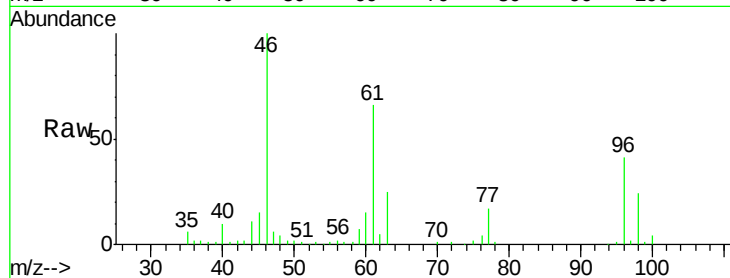


#20

cis-1,2-Dichloroethene
Concen: 7.800 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031799.D
Acq: 07 May 2019 13:07

Instrument :
MSVOA_U
ClientSampleId :
C0B42DL

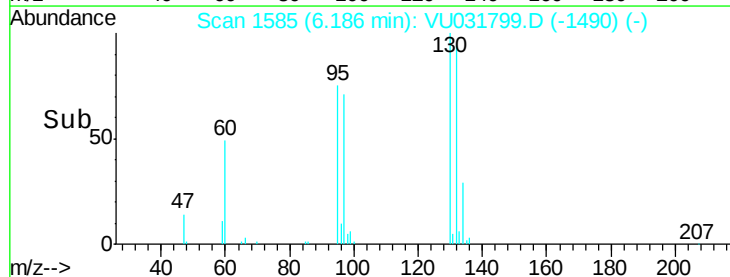
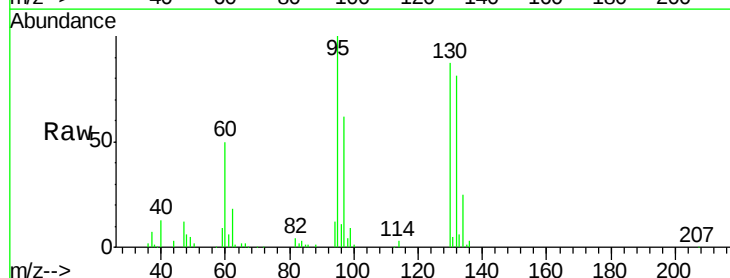
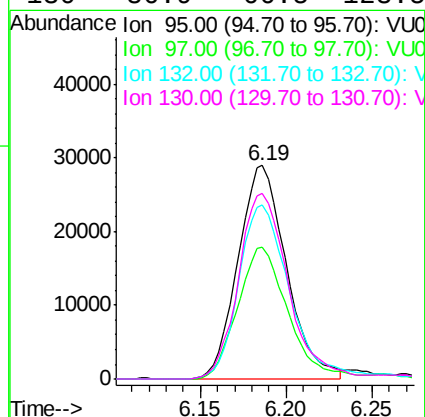
Tot Ion: 96 Resp: 42701
Ion Ratio Lower Upper
96 100
61 159.3 99.5 184.7
68 0.0 0.0 0.0

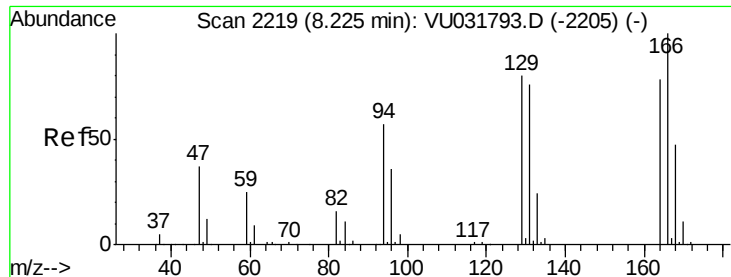


#34

Trichloroethene
Concen: 10.359 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031799.D
Acq: 07 May 2019 13:07

Tgt Ion: 95 Resp: 56884
Ion Ratio Lower Upper
95 100
97 61.8 44.8 83.2
132 81.4 63.1 117.1
130 86.9 66.5 123.5





#46

Tetrachloroethene

Concen: 27.315 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031799.D

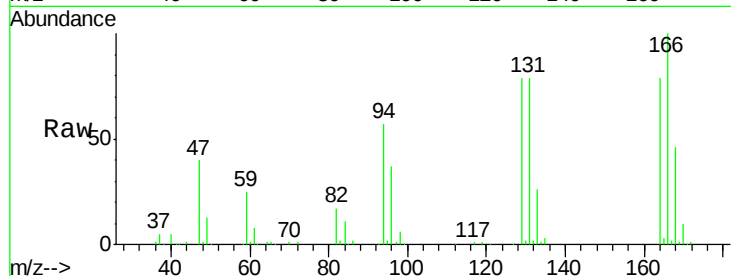
Acq: 07 May 2019 13:07

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MSVOA_U

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Tot Ion:164 Resp: 102252

Ion Ratio Lower Upper

164 100

129 100.5 71.5 132.9

131 100.2 69.0 128.2

166 126.6 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

