

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030304.D
 Acq On : 22 Mar 2019 13:36
 Operator : JC/SP
 Sample : K2048-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF199

Quant Time: Mar 23 04:13:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151839	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.68	69	130110	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.27	63	212797	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	4.17	46	262576	100.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.65	84	297072	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	175382	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.34	84	616528	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.33	67	203254	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	556357	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.85	79	87727	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.90%
47) 2-Hexanone-d5	8.31	63	212411	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304653	48.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	226568	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%

Target Compounds

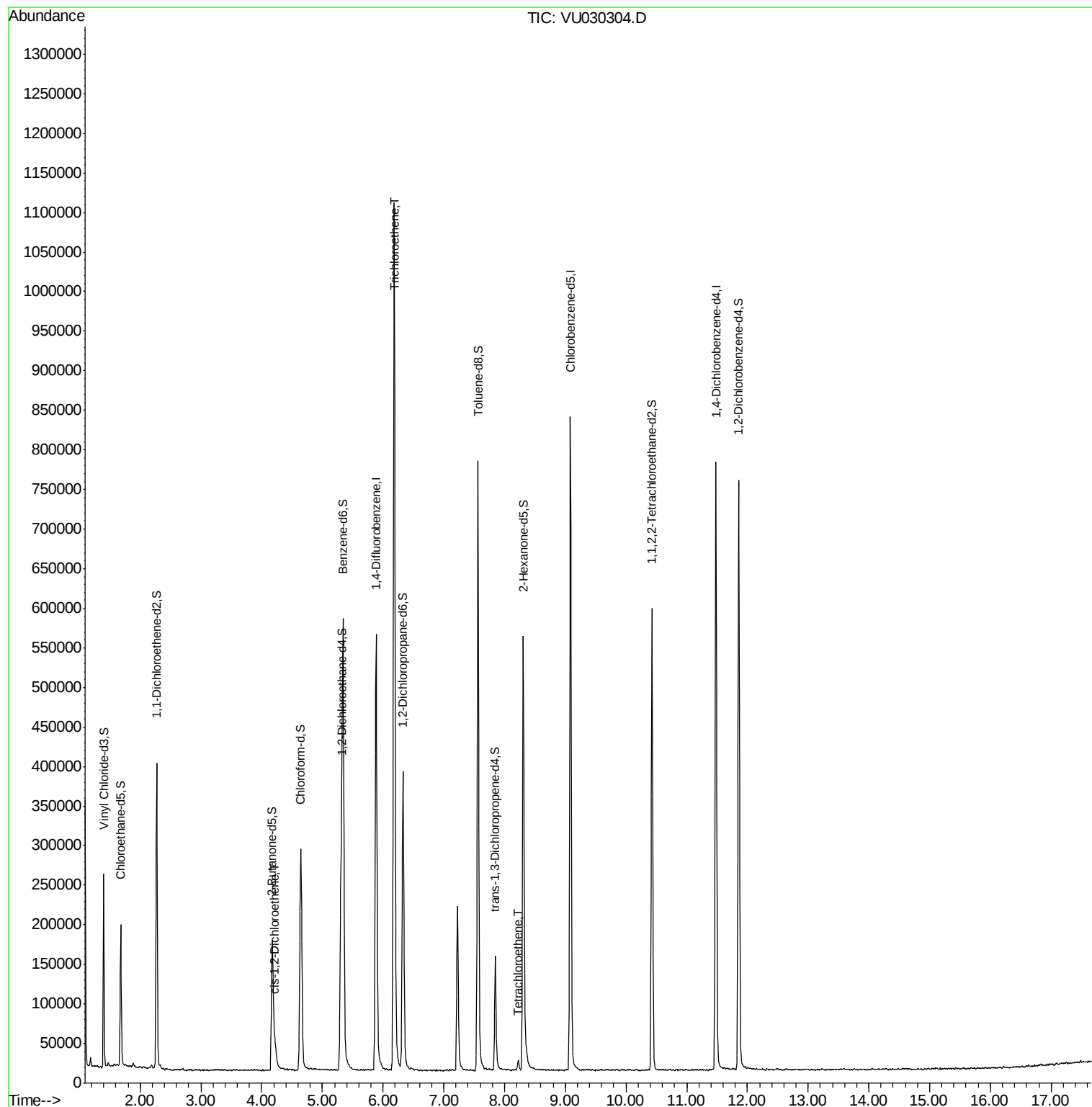
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	10821	2.704	ug/L 88
34) Trichloroethene	6.18	95	404363	105.771	ug/L 97
46) Tetrachloroethene	8.23	164	3427	1.061	ug/L 95

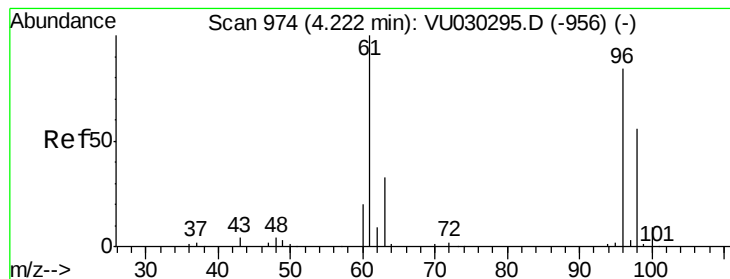
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.704 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030304.D

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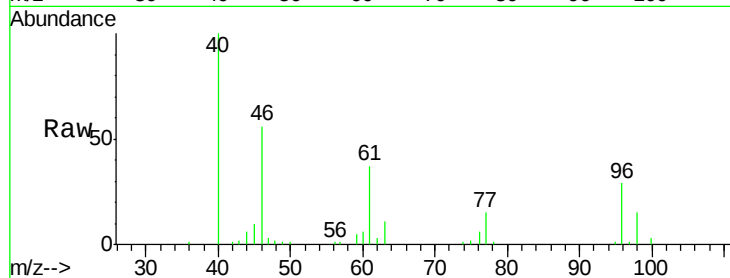
Tot Ion: 96 Resp: 10821

Ion Ratio Lower Upper

96 100

61 129.6 81.5 151.3

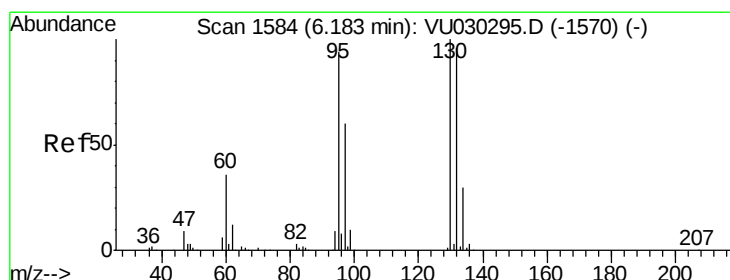
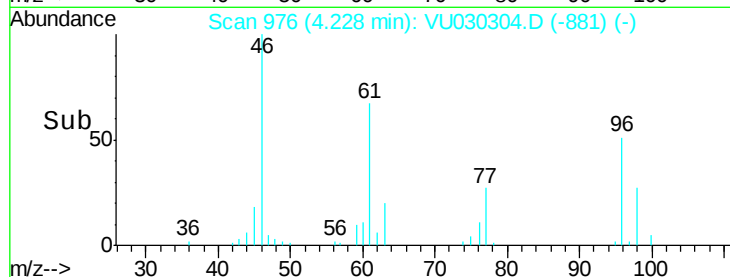
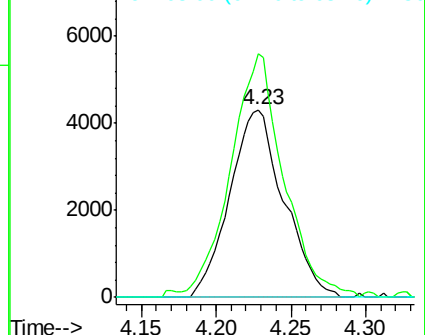
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030295.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030295.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030295.D (-956) (-)



#34

Trichloroethene

Concen: 105.771 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030304.D

Acq: 22 Mar 2019 13:36

Tgt Ion: 95 Resp: 404363

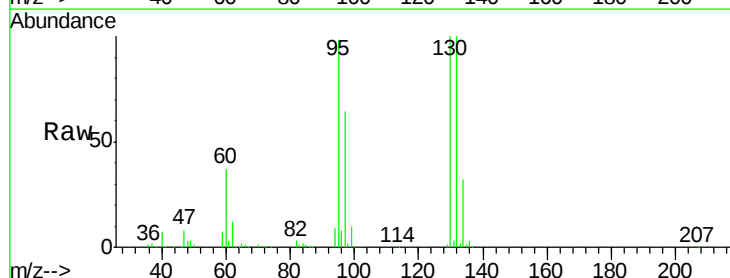
Ion Ratio Lower Upper

95 100

97 64.7 46.2 85.8

132 101.6 69.3 128.7

130 101.4 73.6 136.6

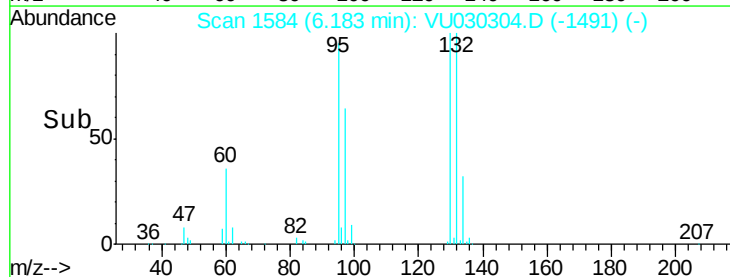
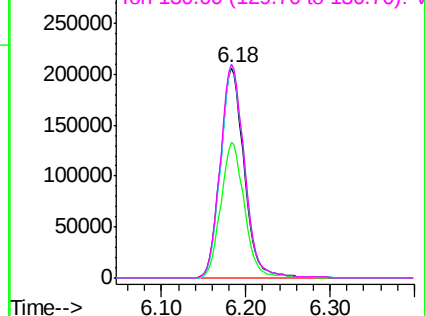


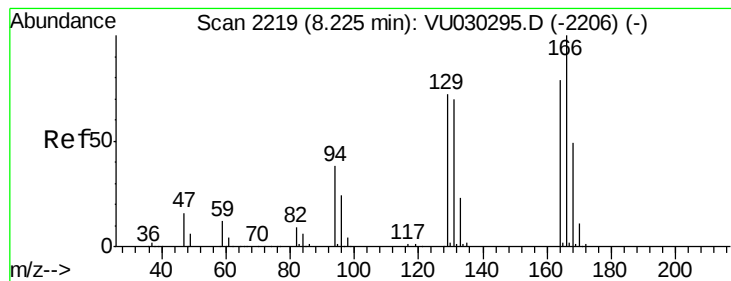
Abundance Ion 95.00 (94.70 to 95.70): VU030295.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030295.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030295.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030295.D (-1570) (-)





#46

Tetrachloroethene

Concen: 1.061 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU030304.D

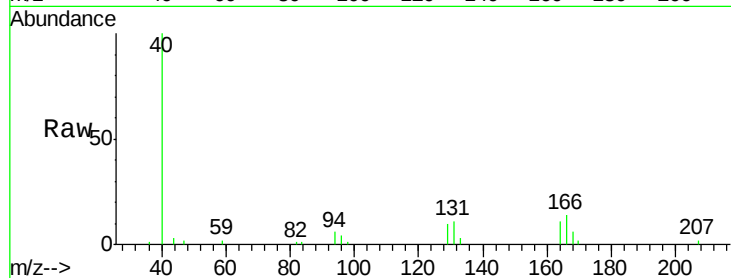
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Tot Ion:164 Resp: 3427

Ion Ratio Lower Upper

164 100

129 89.8 64.4 119.6

131 94.0 63.2 117.4

166 119.9 89.5 166.1

