

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031554.D
 Acq On : 27 Apr 2019 00:39
 Operator : JC/SP
 Sample : K2592-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ8

Quant Time: Apr 27 04:02:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	838572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	794266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306705	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	379405	54.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.12%
7) Chloroethane-d5	1.68	69	293761	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.32%
11) 1,1-Dichloroethene-d2	2.27	63	542649	38.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.66%
21) 2-Butanone-d5	4.19	46	688208	108.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.23%
24) Chloroform-d	4.64	84	625156	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.31	65	414645	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
32) Benzene-d6	5.34	84	1274632	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
36) 1,2-Dichloropropane-d6	6.32	67	442645	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.56	98	1069840	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%
43) trans-1,3-Dichloropropene-	7.85	79	174128	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.54%
47) 2-Hexanone-d5	8.31	63	422365	113.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566481	49.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	351948	54.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.12%

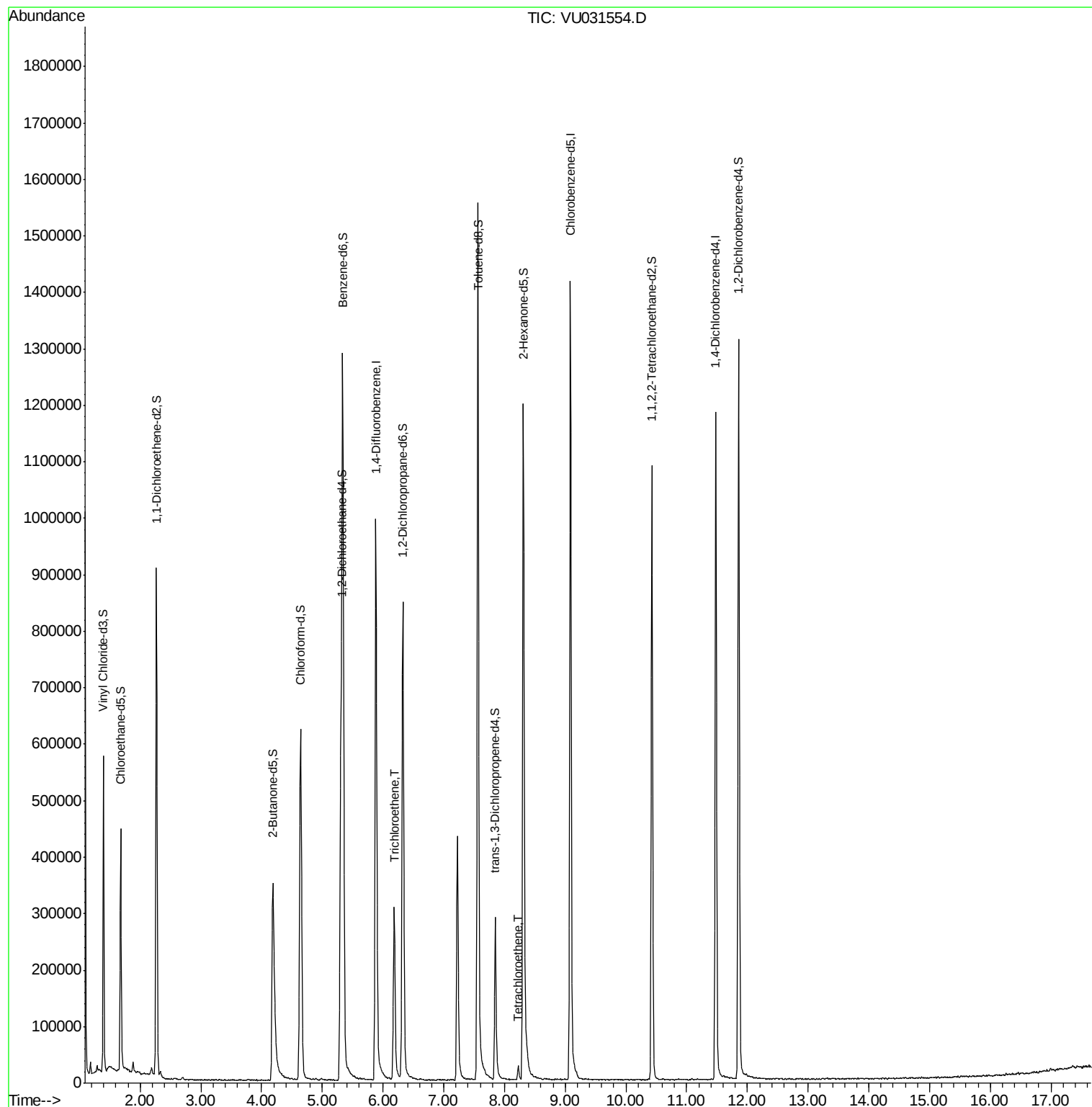
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	116526	16.462 ug/L	98
46) Tetrachloroethene	8.23	164	4857	1.006 ug/L	92

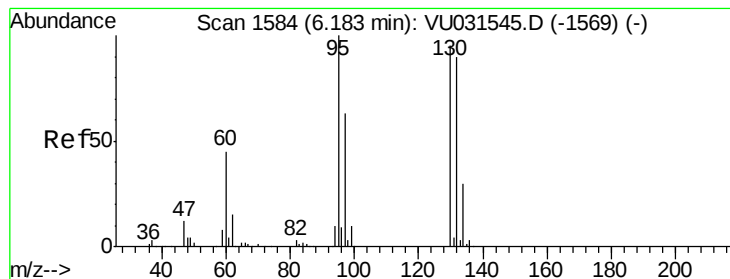
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 16.462 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031554.D

Acq: 27 Apr 2019 00:39

Instrument :

MSVOA_U

ClientSampleId :

COWZ8

Tot Ion: 95 Resp: 116526

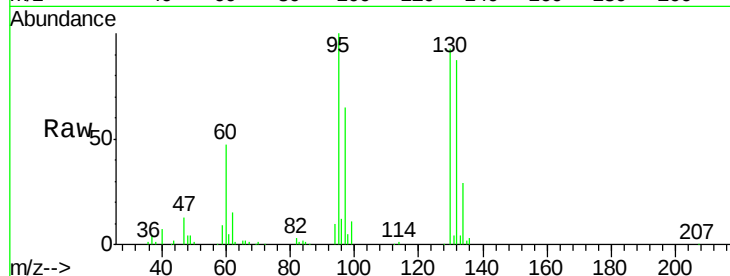
Ion Ratio Lower Upper

95 100

97 64.5 44.8 83.2

132 87.0 63.1 117.1

130 93.2 66.5 123.5

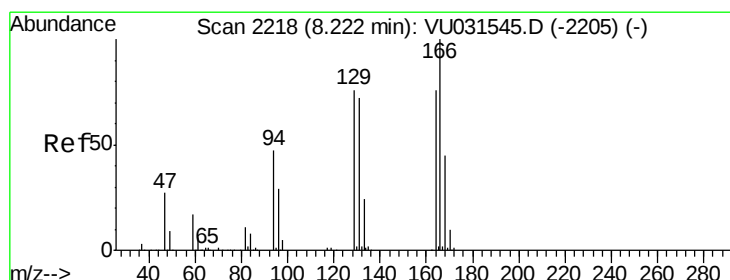
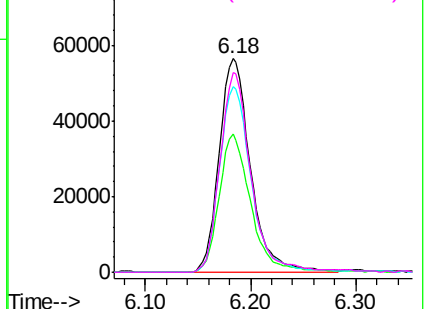
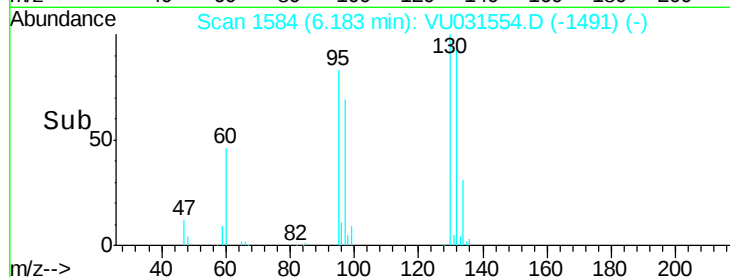


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1.006 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

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Acq: 27 Apr 2019 00:39

Tgt Ion: 164 Resp: 4857

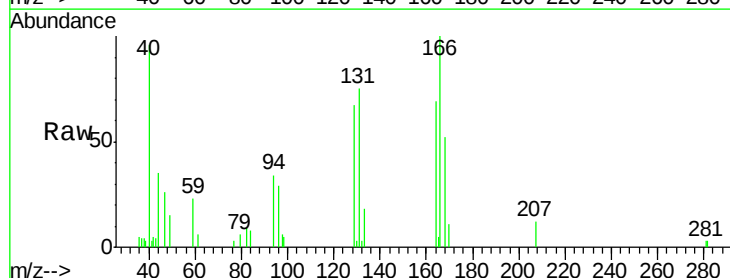
Ion Ratio Lower Upper

164 100

129 98.2 71.5 132.9

131 108.7 69.0 128.2

166 145.8 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

