

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031562.D
 Acq On : 27 Apr 2019 03:46
 Operator : JC/SP
 Sample : K2592-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Quant Time: Apr 27 04:37:46 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	839997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	796992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301635	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	366546	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.28%
7) Chloroethane-d5	1.68	69	287667	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.90%
11) 1,1-Dichloroethene-d2	2.27	63	529732	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.18	46	686428	107.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.77%
24) Chloroform-d	4.64	84	622098	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.31	65	415253	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.33	84	1246978	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	435284	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.56	98	1057607	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%
43) trans-1,3-Dichloropropene-	7.85	79	169974	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	417175	111.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	561073	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	333199	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

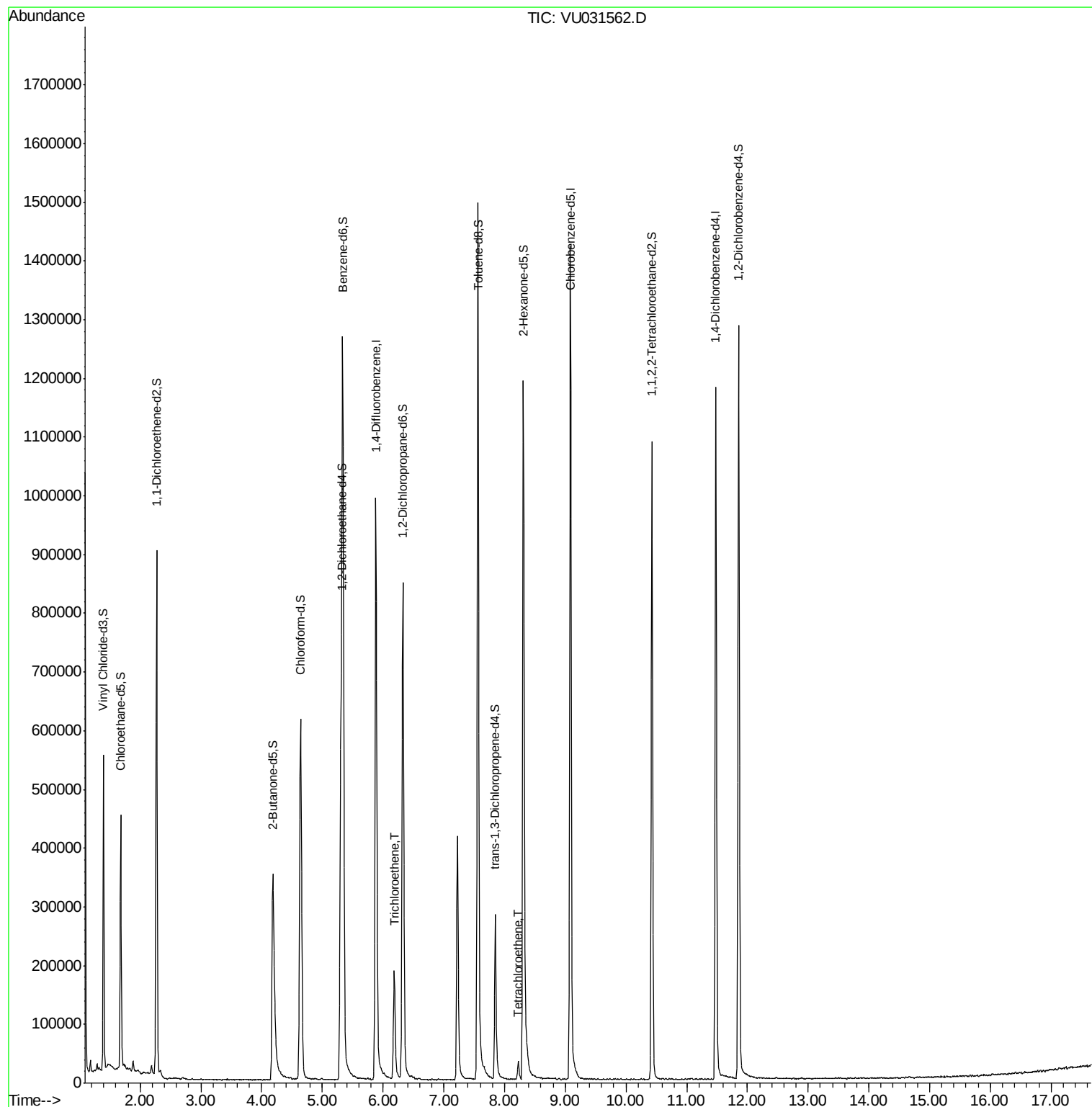
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	69323	9.760 ug/L	89
46) Tetrachloroethene	8.22	164	7106	1.467 ug/L	90

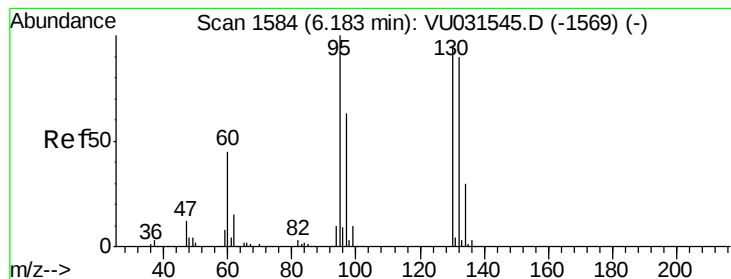
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 9.760 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Acq: 27 Apr 2019 03:46

Instrument :

MSVOA_U

ClientSampled :

C0X81

Tot Ion: 95 Resp: 69323

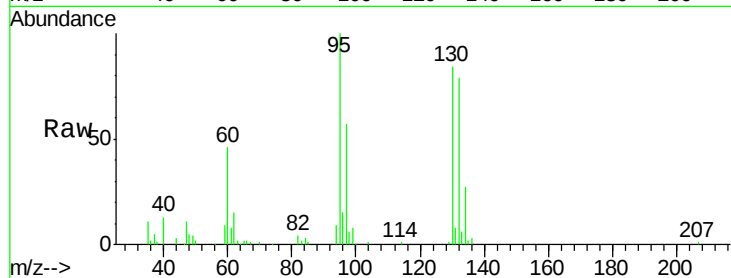
Ion Ratio Lower Upper

95 100

97 57.1 44.8 83.2

132 79.2 63.1 117.1

130 84.2 66.5 123.5

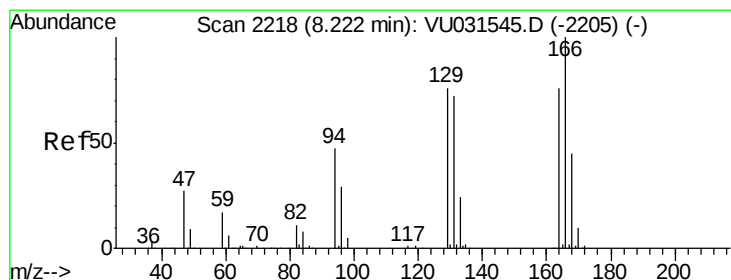
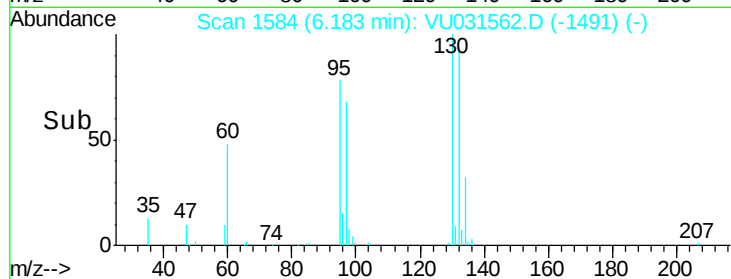
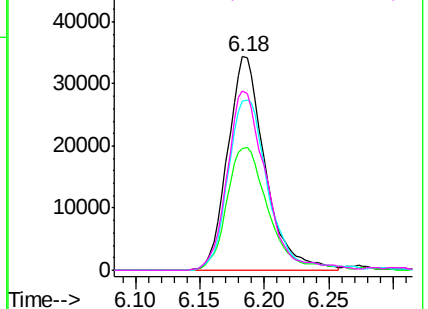


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.467 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 7106

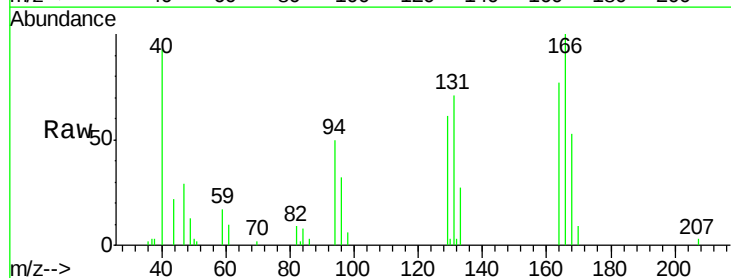
Ion Ratio Lower Upper

164 100

129 79.8 71.5 132.9

131 92.7 69.0 128.2

166 130.4 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

