

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101718\
 Data File : VU027681.D
 Acq On : 17 Oct 2018 16:30
 Operator : MD/SY
 Sample : J5463-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC2

Quant Time: Oct 19 10:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	77416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	74764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27834	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	22301	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.28	63	42813	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.20	46	86680	49.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.65	84	46752	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	25987	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.34	84	100044	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	35527	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.57	98	96655	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	13967	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.32	63	75525	49.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	25712	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	35146	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

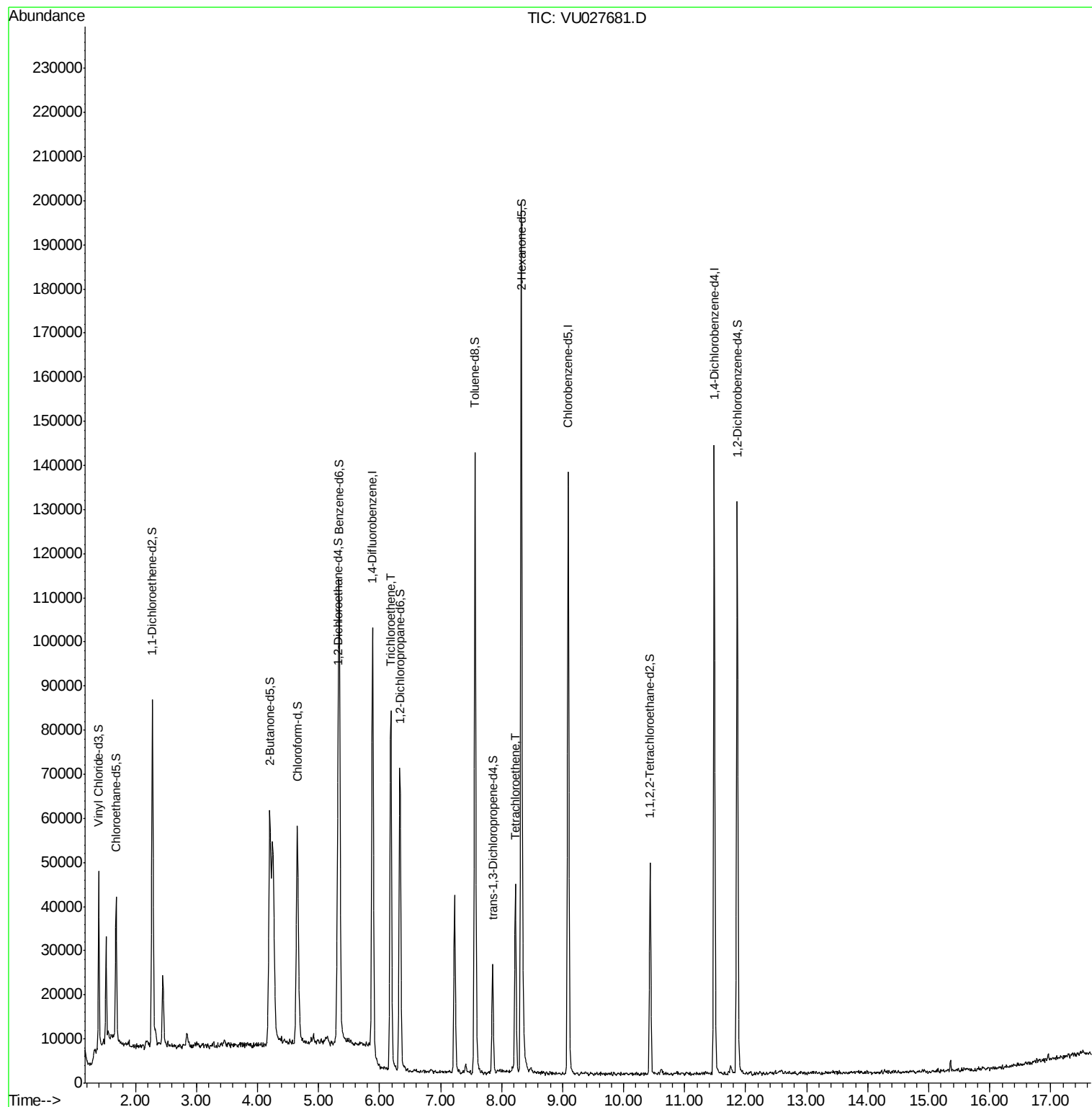
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	28607	4.517 ug/L	98
47) Tetrachloroethene	8.23	164	9673	1.913 ug/L	98

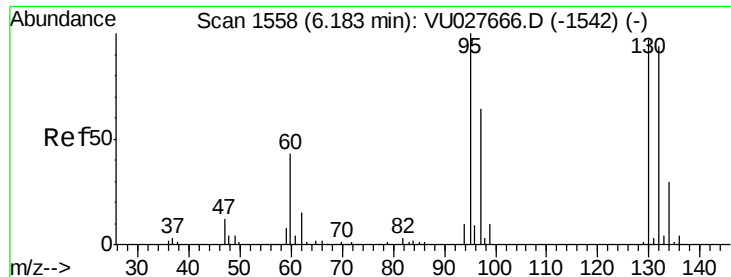
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.517 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU027681.D

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Instrument :

MSVOA_U

ClientSampleId :

C0JC2

Tot Ion: 95 Resp: 28607

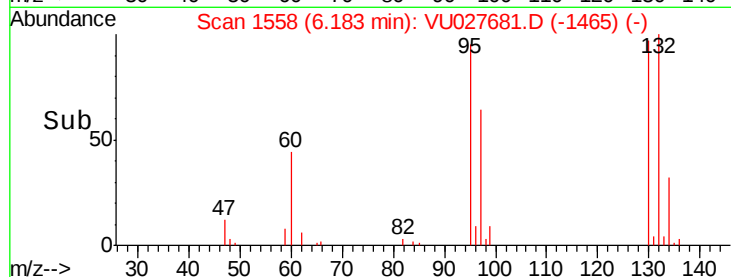
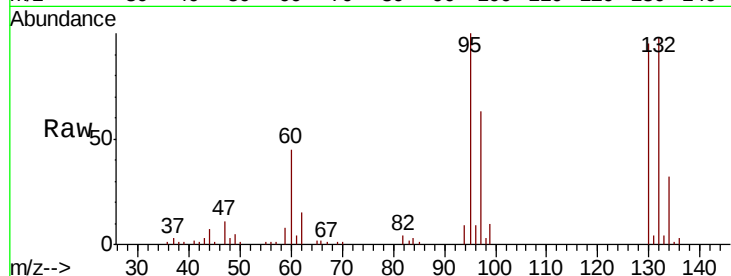
Ion Ratio Lower Upper

95 100

97 62.6 44.7 83.1

132 97.6 65.9 122.5

130 95.0 67.9 126.1



Abundance Ion 95.00 (94.70 to 95.70): VU027681.D (-1465) (-)

Ion 96.95 (96.65 to 97.65): VU027681.D (-1465) (-)

Ion 131.95 (131.65 to 132.65): VU027681.D (-1465) (-)

Ion 129.95 (129.65 to 130.65): VU027681.D (-1465) (-)

Time-->

6.10 6.15 6.20 6.25

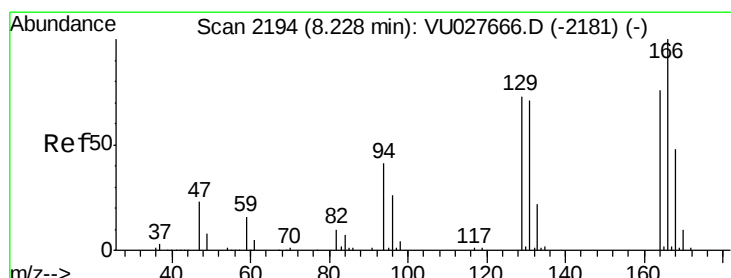
6.18

15000

10000

5000

0



#47

Tetrachloroethene

Concen: 1.913 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 9673

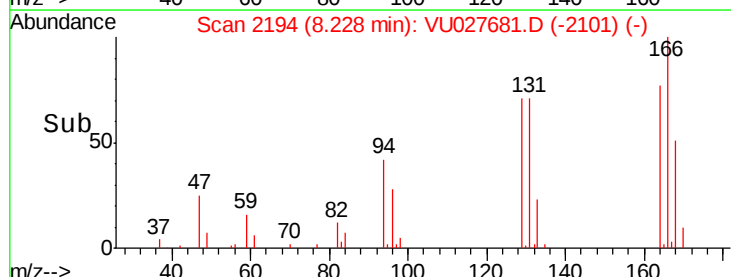
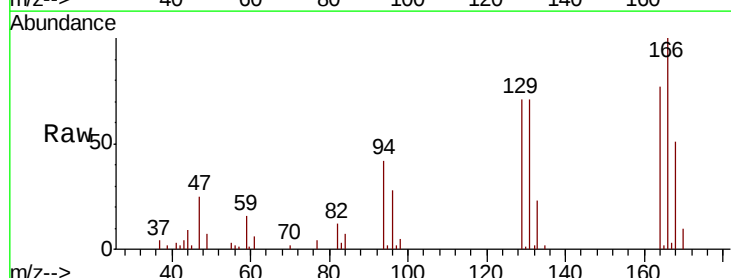
Ion Ratio Lower Upper

164 100

129 92.4 67.3 124.9

131 92.1 64.8 120.3

166 129.5 91.8 170.4



Abundance Ion 163.90 (163.60 to 164.60): VU027681.D (-2101) (-)

Ion 128.95 (128.65 to 129.65): VU027681.D (-2101) (-)

Ion 130.95 (130.65 to 131.65): VU027681.D (-2101) (-)

Ion 165.90 (165.60 to 166.60): VU027681.D (-2101) (-)

Time-->

8.20 8.25 8.30

8.23

10000

8000

6000

4000

2000

0