

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027674.D
 Acq On : 17 Oct 2018 13:29
 Operator : MD/SY
 Sample : J5463-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC6

Quant Time: Oct 19 10:41:16 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	95711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28850	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	23488	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.28	63	44709	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.20	46	88944	41.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.26%
24) Chloroform-d	4.65	84	49485	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	27077	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.34	84	104717	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.33	67	37517	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.57	98	100392	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.85	79	15140	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.32	63	77584	41.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26346	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	36625	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

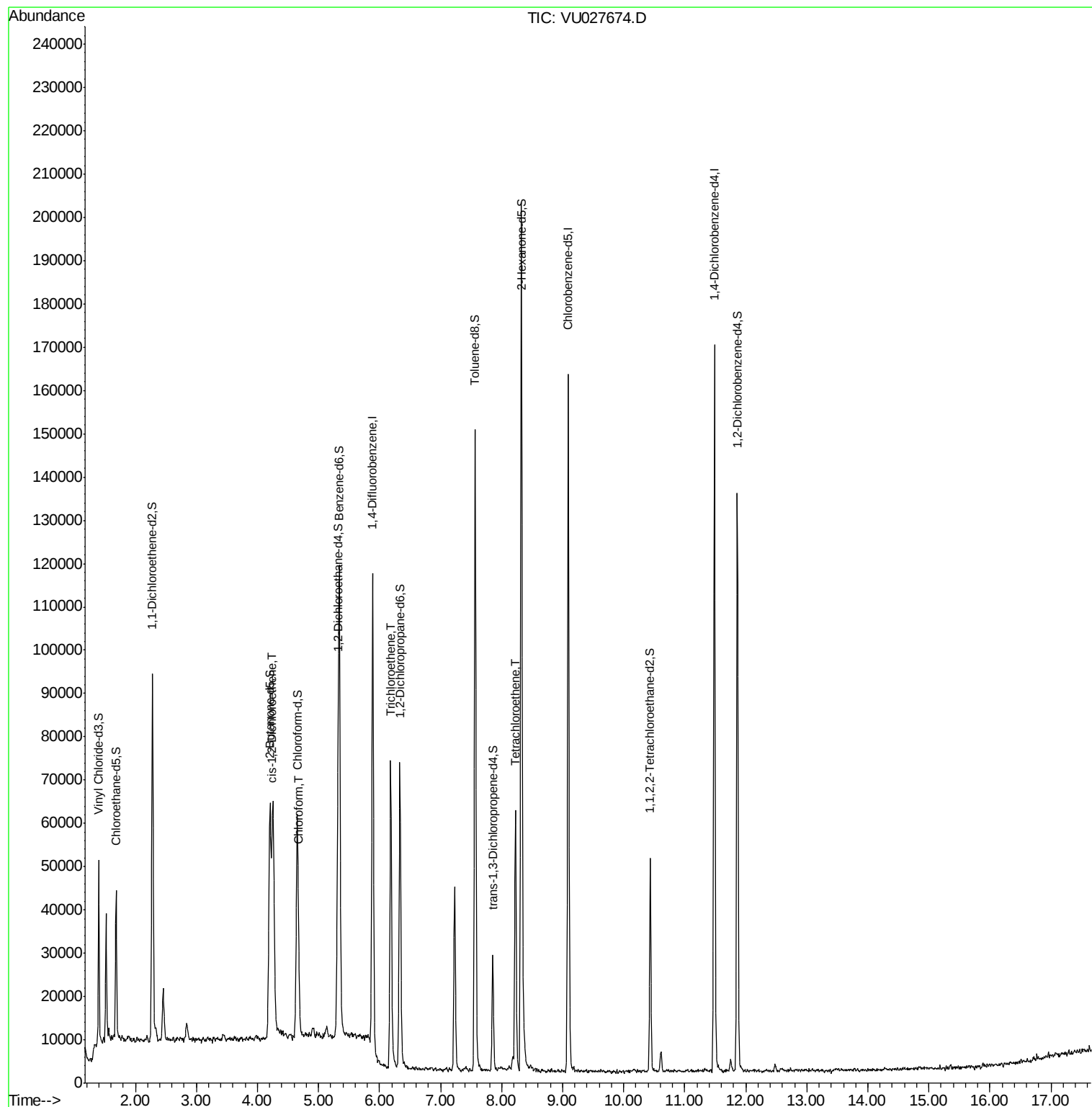
					Ovalue
22) cis-1,2-Dichloroethene	4.23	96	3547	0.465 ug/L #	99
25) Chloroform	4.68	83	7101	0.537 ug/L	90
34) Trichloroethene	6.19	95	25319	3.297 ug/L	96
47) Tetrachloroethene	8.23	164	14283	2.330 ug/L	93

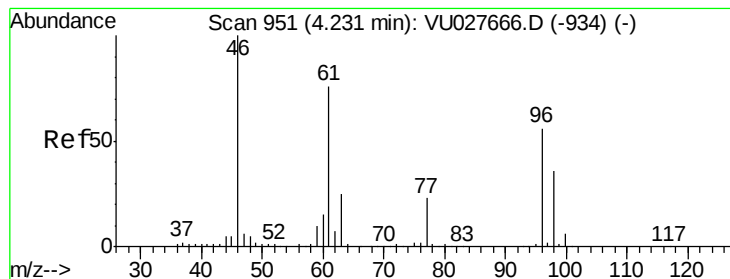
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.465 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027674.D

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Instrument :

MSVOA_U

ClientSampleId :

C0JC6

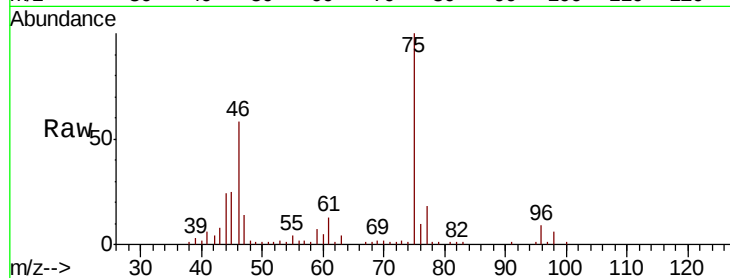
Tot Ion: 96 Resp: 3547

Ion Ratio Lower Upper

96 100

61 137.0 95.3 176.9

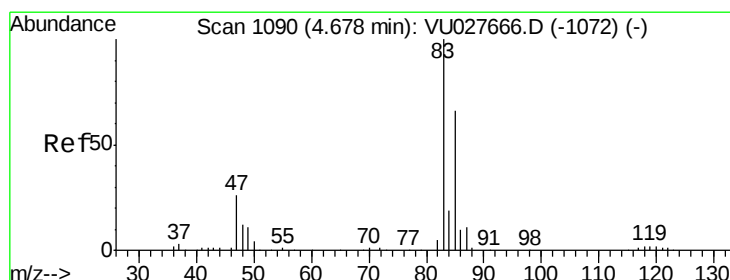
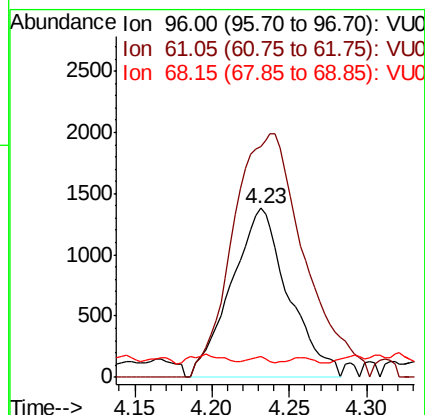
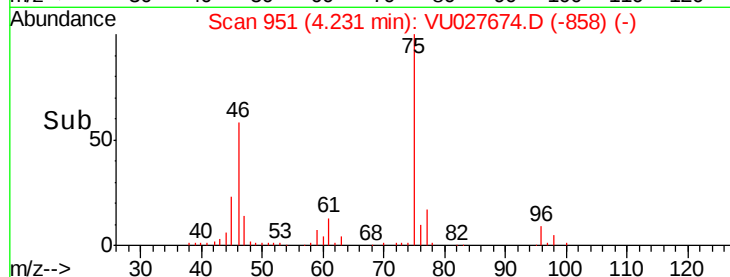
68 12.1 1.1 2.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.537 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027674.D

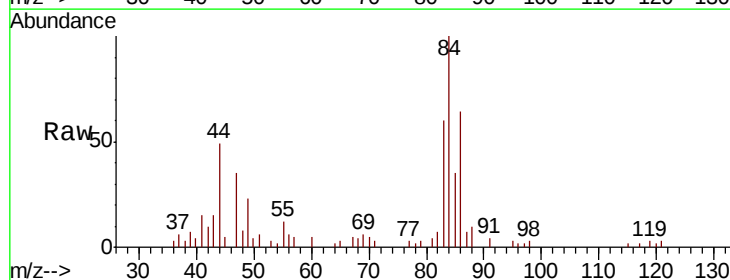
Acq: 17 Oct 2018 13:29

Tgt Ion: 83 Resp: 7101

Ion Ratio Lower Upper

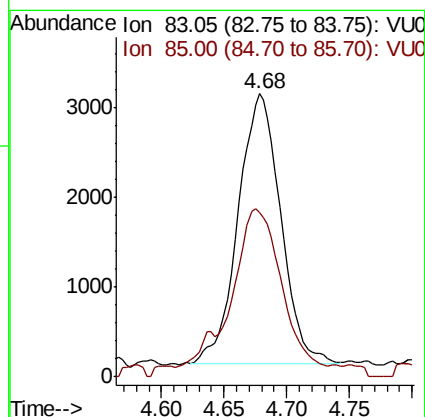
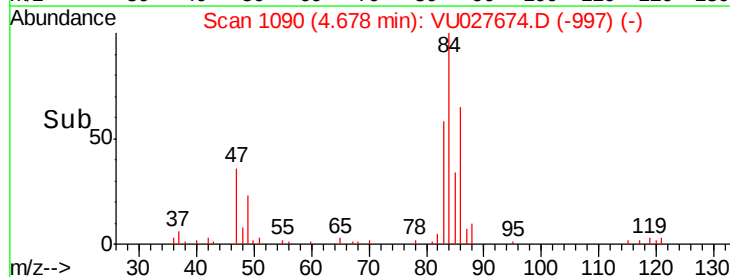
83 100

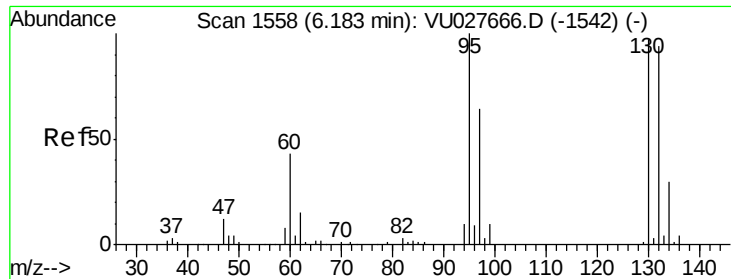
85 58.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.297 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027674.D

Acq: 17 Oct 2018 13:29

Instrument :

MSVOA_U

ClientSampleId :

C0JC6

Tot Ion: 95 Resp: 25319

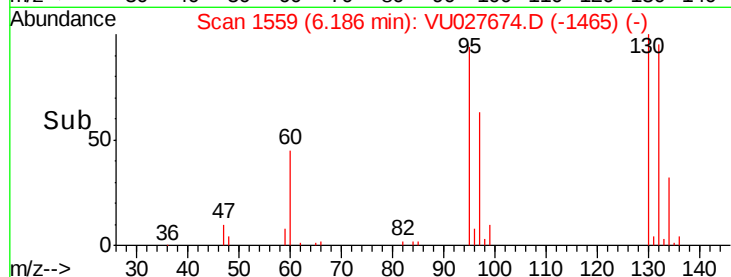
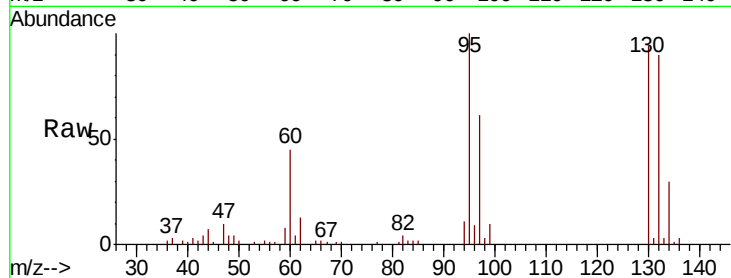
Ion Ratio Lower Upper

95 100

97 60.7 44.7 83.1

132 90.0 65.9 122.5

130 94.4 67.9 126.1



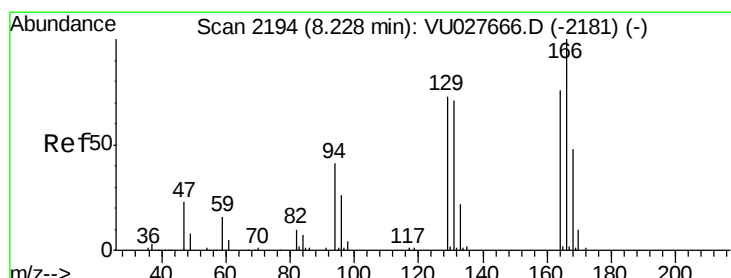
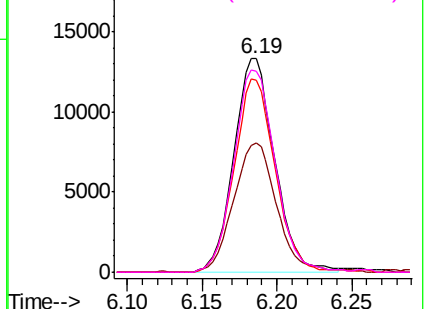
Abundance

Ion 95.00 (94.70 to 95.70): VU027674.D (-1465) (-)

Ion 96.95 (96.65 to 97.65): VU027674.D (-1465) (-)

Ion 131.95 (131.65 to 132.65): VU027674.D (-1465) (-)

Ion 129.95 (129.65 to 130.65): VU027674.D (-1465) (-)



#47

Tetrachloroethene

Concen: 2.330 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027674.D

Acq: 17 Oct 2018 13:29

Tgt Ion: 164 Resp: 14283

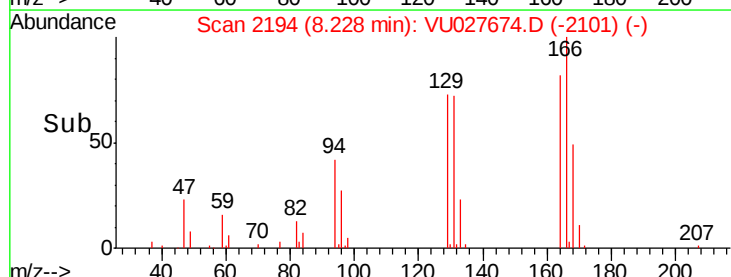
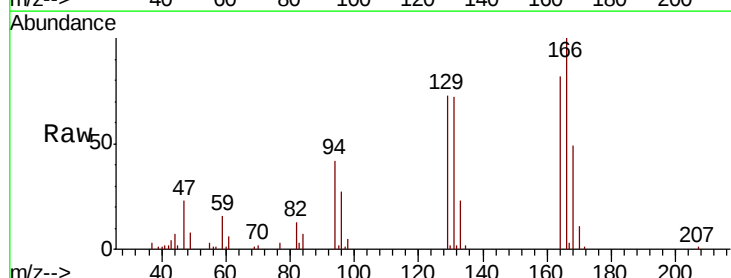
Ion Ratio Lower Upper

164 100

129 89.4 67.3 124.9

131 87.6 64.8 120.3

166 122.2 91.8 170.4



Abundance

Ion 163.90 (163.60 to 164.60): VU027674.D (-2101) (-)

Ion 128.95 (128.65 to 129.65): VU027674.D (-2101) (-)

Ion 130.95 (130.65 to 131.65): VU027674.D (-2101) (-)

Ion 165.90 (165.60 to 166.60): VU027674.D (-2101) (-)

