

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101818\
 Data File : VU027700.D
 Acq On : 18 Oct 2018 15:39
 Operator : MD/SY
 Sample : J5463-02DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB3DL

Quant Time: Oct 19 10:57:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	74990	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	69818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29452	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	23005	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.28	63	38367	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.20	46	82454	48.66	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.32%
24) Chloroform-d	4.65	84	45816	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	25328	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	100963	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.33	67	34876	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.57	98	92304	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	14185	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	71760	50.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24051	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	33364	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

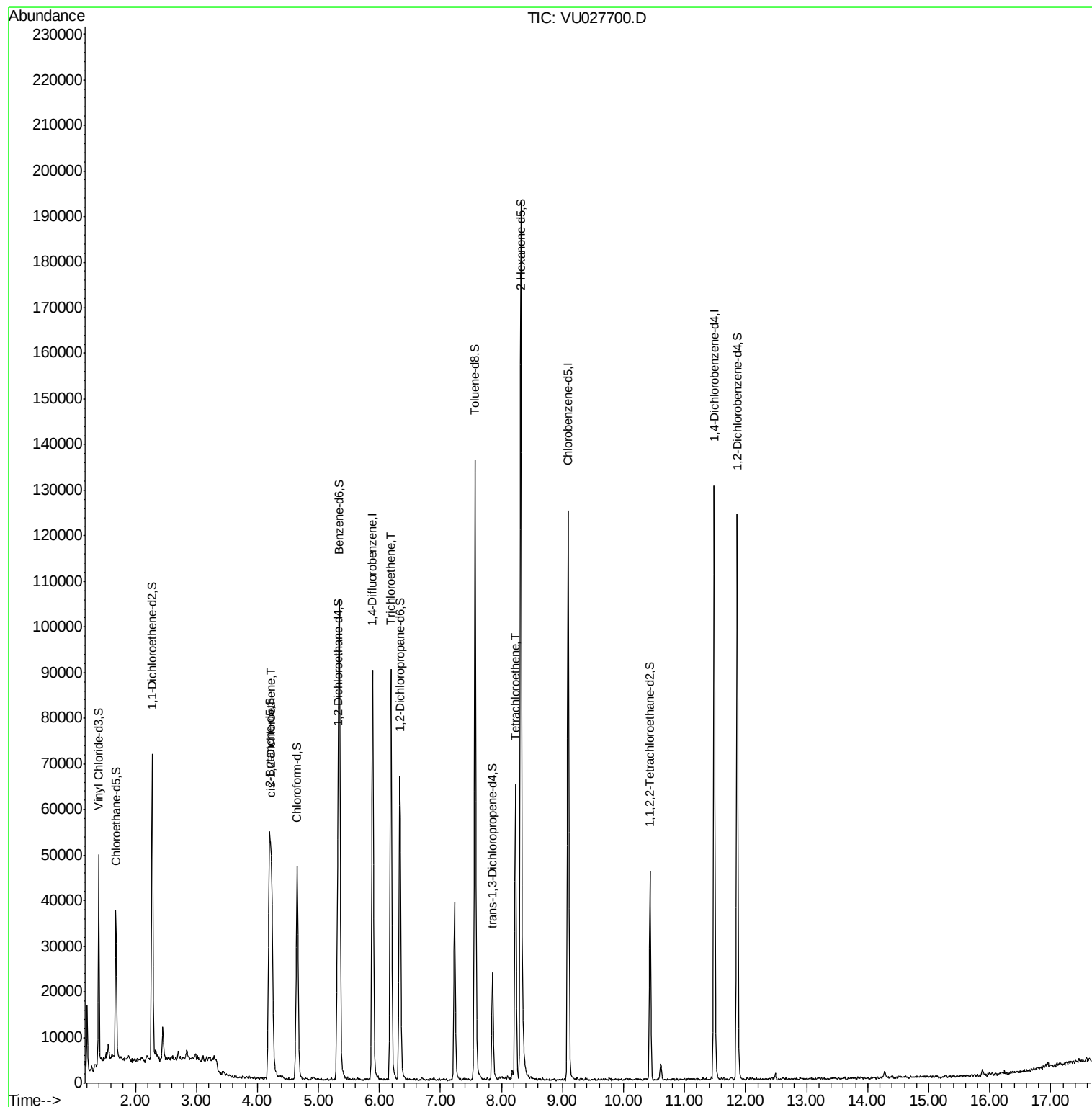
					Ovalue
22) cis-1,2-Dichloroethene	4.23	96	15252	2.554 ug/L #	99
34) Trichloroethene	6.19	95	32252	5.453 ug/L	97
47) Tetrachloroethene	8.23	164	15048	3.187 ug/L	93

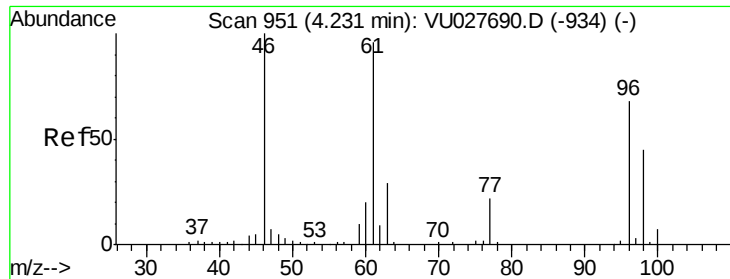
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 2.554 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027700.D

Acq: 18 Oct 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0JB3DL

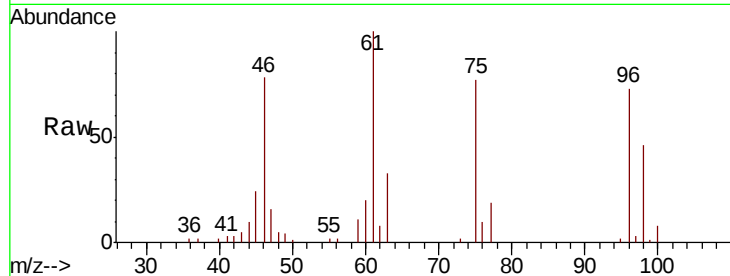
Tot Ion: 96 Resp: 15252

Ion Ratio Lower Upper

96 100

61 137.2 95.3 176.9

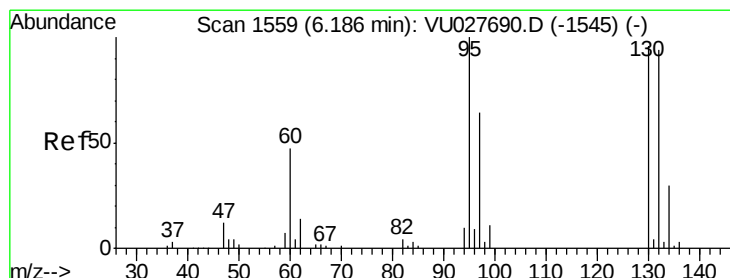
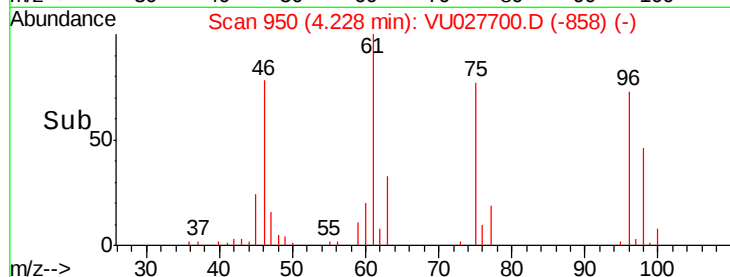
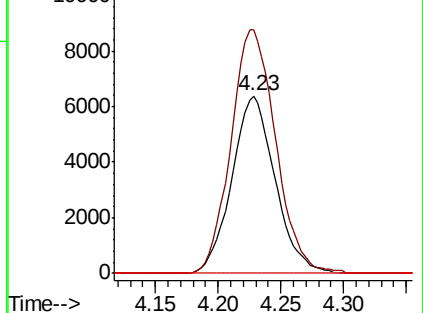
68 0.0 1.1 2.1#



Abundance Ion 96.00 (95.70 to 96.70): VU027700.D (-858) (-)

Ion 61.05 (60.75 to 61.75): VU027700.D (-858) (-)

Ion 68.15 (67.85 to 68.85): VU027700.D (-858) (-)



#34

Trichloroethene

Concen: 5.453 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027700.D

Acq: 18 Oct 2018 15:39

Tgt Ion: 95 Resp: 32252

Ion Ratio Lower Upper

95 100

97 66.9 44.7 83.1

132 95.5 65.9 122.5

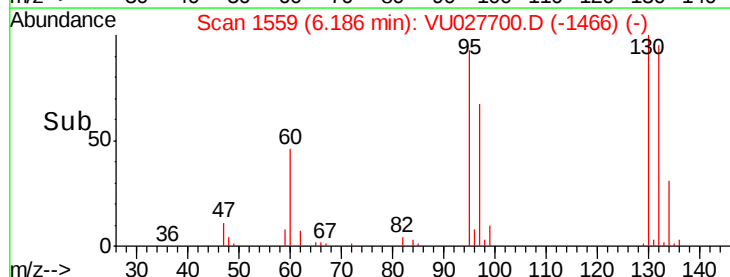
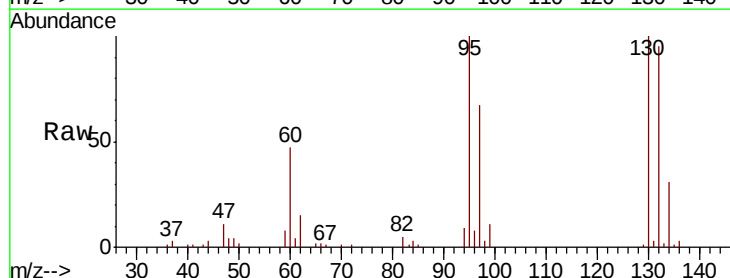
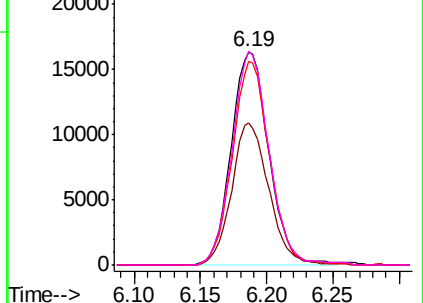
130 100.3 67.9 126.1

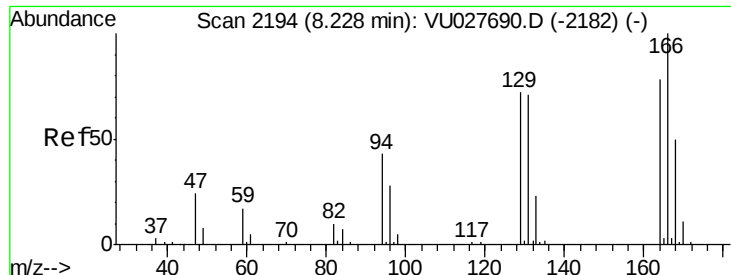
Abundance Ion 95.00 (94.70 to 95.70): VU027700.D (-1466) (-)

Ion 96.95 (96.65 to 97.65): VU027700.D (-1466) (-)

Ion 131.95 (131.65 to 132.65): VU027700.D (-1466) (-)

Ion 129.95 (129.65 to 130.65): VU027700.D (-1466) (-)





#47

Tetrachloroethene

Concen: 3.187 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027700.D

Acq: 18 Oct 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0JB3DL

Tot Ion:164 Resp: 15048

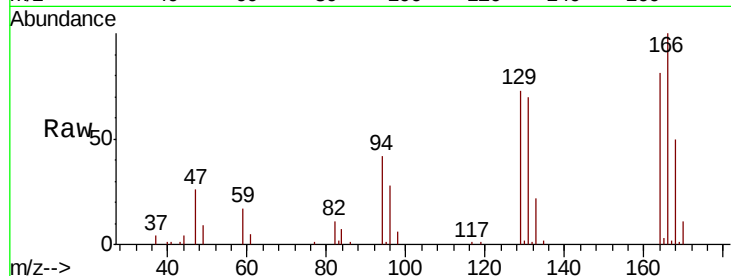
Ion Ratio Lower Upper

164 100

129 90.2 67.3 124.9

131 85.8 64.8 120.3

166 123.0 91.8 170.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

