

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027673.D
 Acq On : 17 Oct 2018 13:03
 Operator : MD/SY
 Sample : J5463-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC5

Quant Time: Oct 19 10:39:48 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	98092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31946	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	26572	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.28	63	45287	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.21	46	98109	44.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.65	84	53982	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	29830	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.34	84	115105	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	40538	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.57	98	110648	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	16694	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.32	63	86371	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29740	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	39254	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

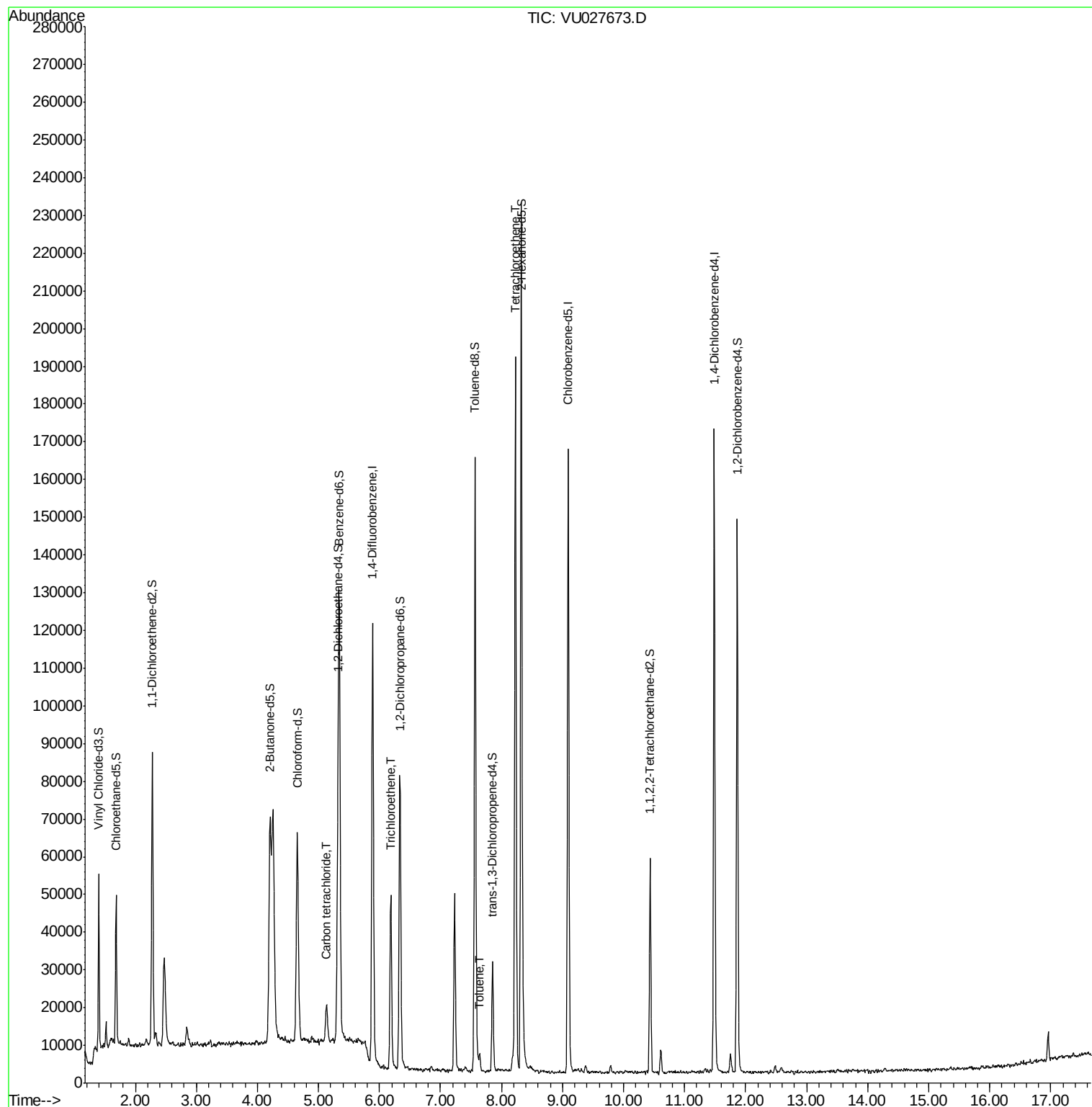
Target Compounds					Ovalue
31) Carbon tetrachloride	5.13	117	7073	0.694 ug/L	97
34) Trichloroethene	6.19	95	16441	2.114 ug/L	99
42) Toluene	7.64	91	3550	0.110 ug/L	91
47) Tetrachloroethene	8.23	164	44364	7.144 ug/L	95

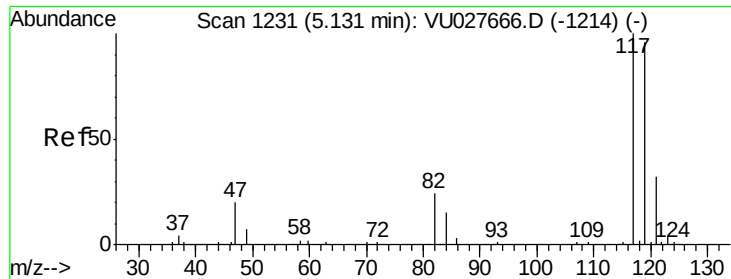
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#31

Carbon tetrachloride

Concen: 0.694 ug/L

RT: 5.13 min Scan# 1230

Delta R.T. -0.00 min

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ClientSampleId :

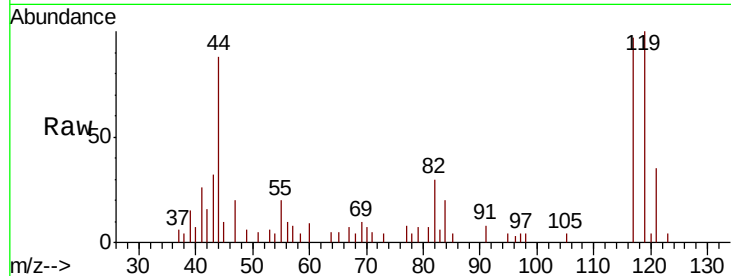
C0JC5

Tot Ion:117 Resp: 7073

Ion Ratio Lower Upper

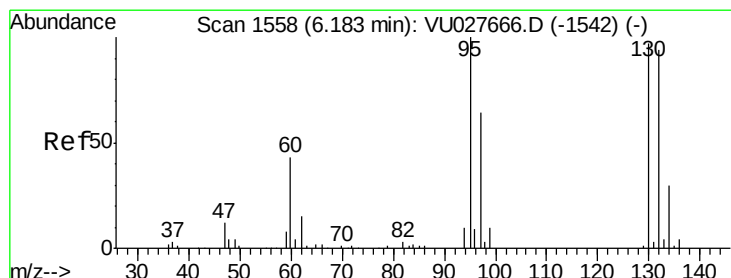
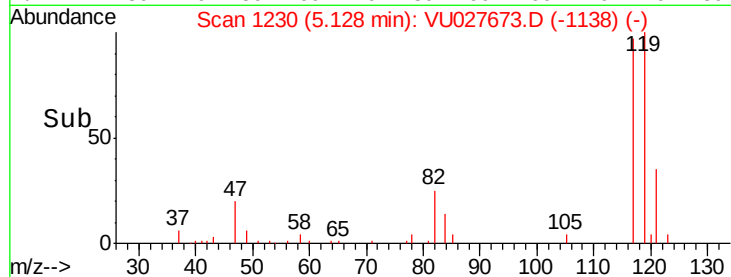
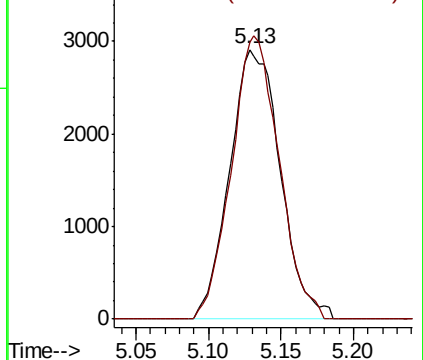
117 100

119 99.0 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 2.114 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027673.D

Acq: 17 Oct 2018 13:03

Tgt Ion: 95 Resp: 16441

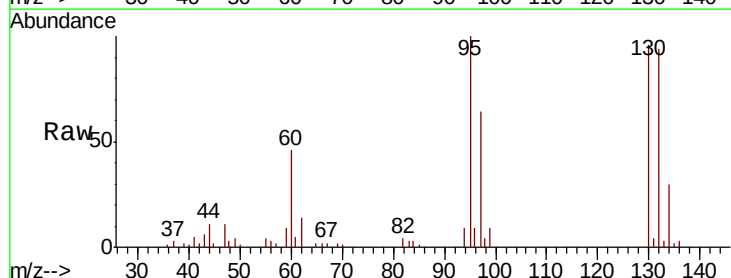
Ion Ratio Lower Upper

95 100

97 63.6 44.7 83.1

132 94.1 65.9 122.5

130 95.6 67.9 126.1

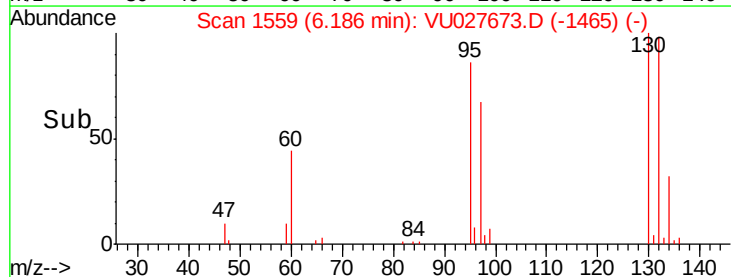
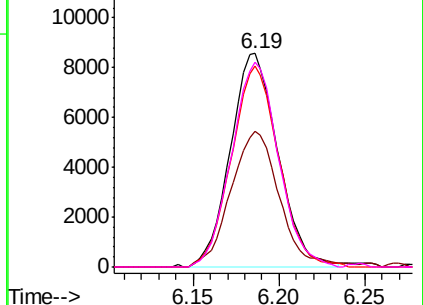


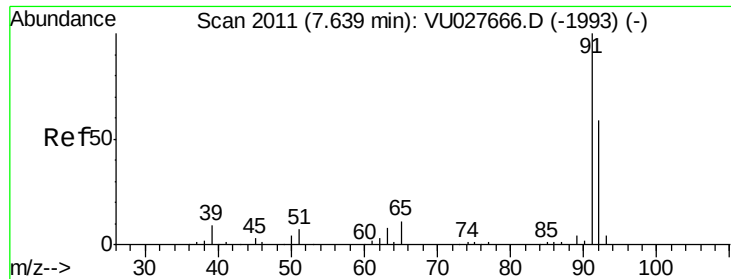
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.110 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

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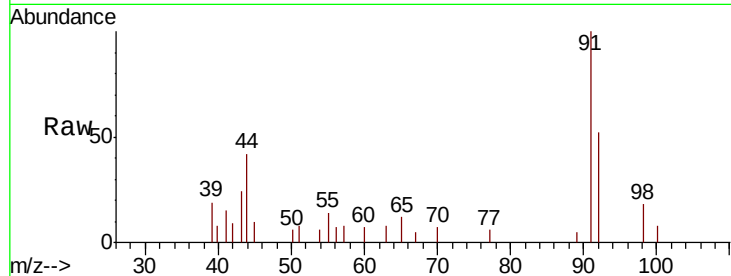
C0JC5

Tot Ion: 91 Resp: 3550

Ion Ratio Lower Upper

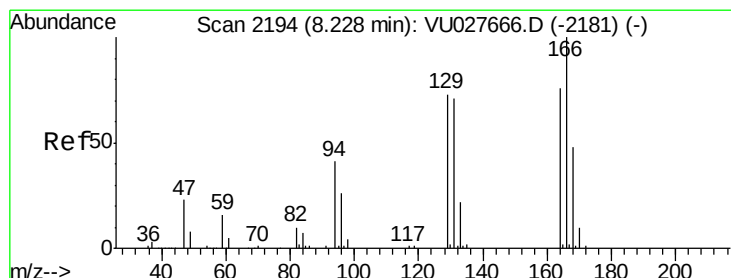
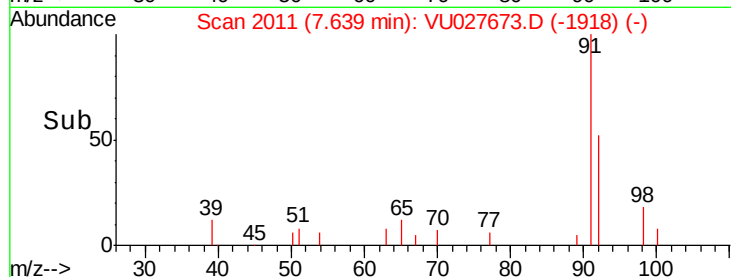
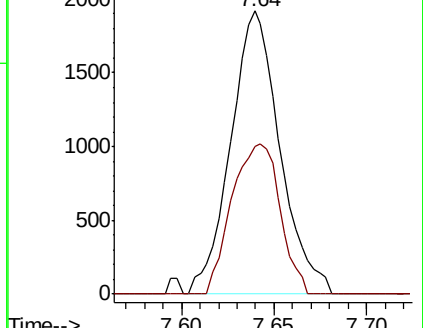
91 100

92 52.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU027666.D (-1993) (-)

Ion 92.15 (91.85 to 92.85): VU027666.D (-1993) (-)



#47

Tetrachloroethene

Concen: 7.144 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027673.D

Acq: 17 Oct 2018 13:03

Tgt Ion: 164 Resp: 44364

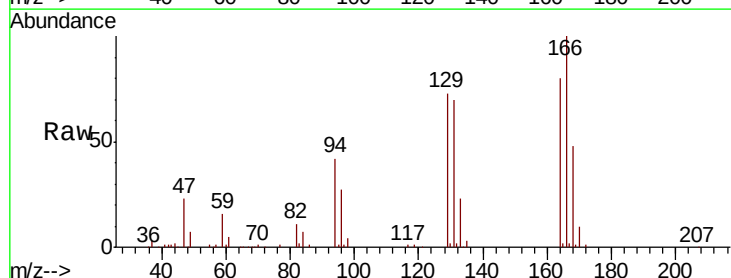
Ion Ratio Lower Upper

164 100

129 92.0 67.3 124.9

131 87.8 64.8 120.3

166 125.6 91.8 170.4



Abundance Ion 163.90 (163.60 to 164.60): VU027666.D (-2181) (-)

Ion 128.95 (128.65 to 129.65): VU027666.D (-2181) (-)

Ion 130.95 (130.65 to 131.65): VU027666.D (-2181) (-)

Ion 165.90 (165.60 to 166.60): VU027666.D (-2181) (-)

