

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007838.D
 Acq On : 25 Sep 2018 00:21
 Operator : SY/MD
 Sample : J5043-13
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF3

Quant Time: Sep 25 05:09:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194774	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35279	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.66%
7) Chloroethane-d5	1.59	69	38314	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.66%
11) 1,1-Dichloroethene-d2	2.14	63	71076	28.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.96%#
21) 2-Butanone-d5	3.95	46	53958	77.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.18%
24) Chloroform-d	4.41	84	84996	37.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.09	65	62943	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
32) Benzene-d6	5.10	84	176616	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
36) 1,2-Dichloropropane-d6	6.13	67	54742	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.58%
41) Toluene-d8	7.36	98	174404	38.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.14%#
43) trans-1,3-Dichloropropene-	7.67	79	21992	33.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.40%
47) 2-Hexanone-d5	8.14	63	42902	75.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81894	40.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	80622	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%

Target Compounds

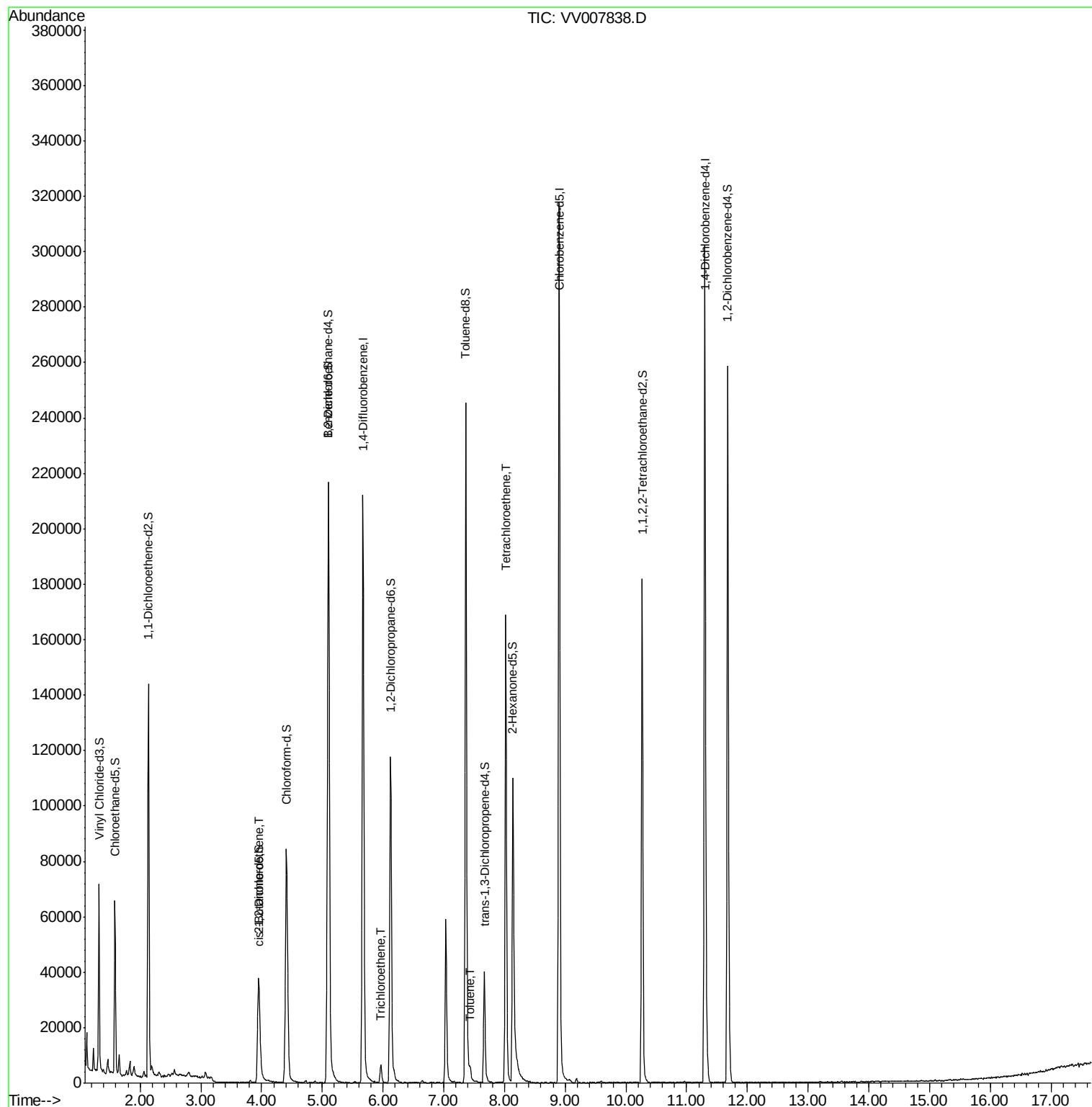
					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	2437	1.864 ug/L	82
34) Trichloroethene	5.97	95	1994	1.476 ug/L	90
42) Toluene	7.44	91	2678	0.495 ug/L	97
46) Tetrachloroethene	8.02	164	40194	29.069 ug/L	98

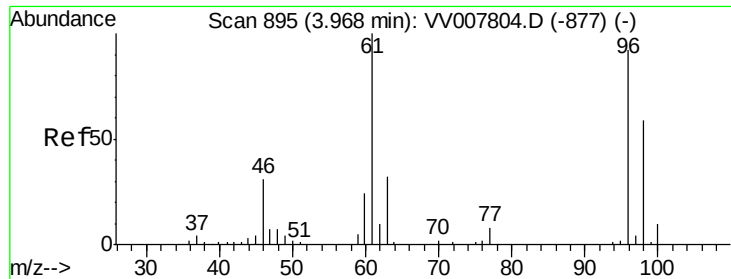
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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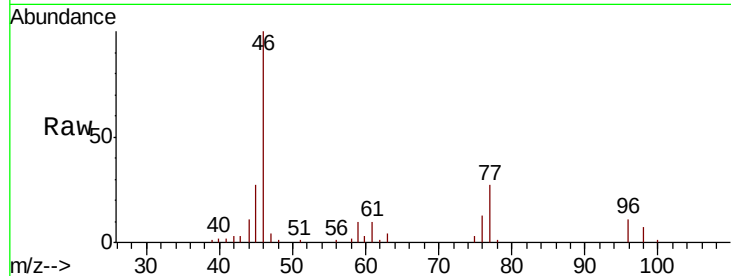


#20

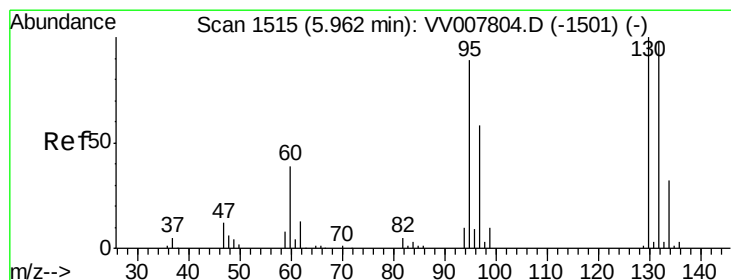
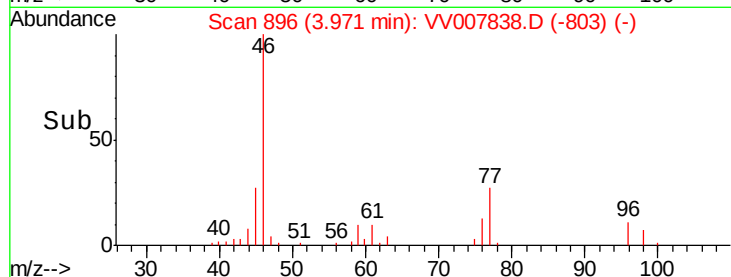
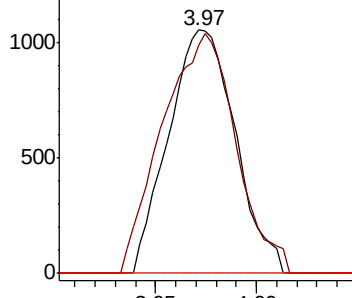
cis-1,2-Dichloroethene
Concen: 1.864 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007838.D
Acq: 25 Sep 2018 00:21

Instrument :
MSVOA_V
ClientSampled :
E5FF3

Tot Ion: 96 Resp: 2437
Ion Ratio Lower Upper
96 100
61 93.7 78.8 146.3
68 0.0 0.0 0.0



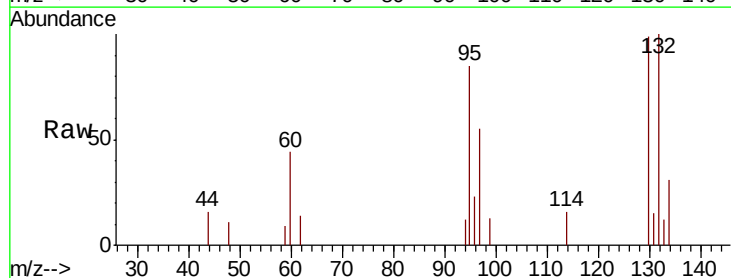
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



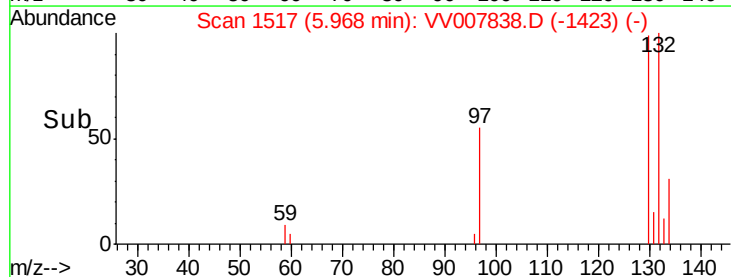
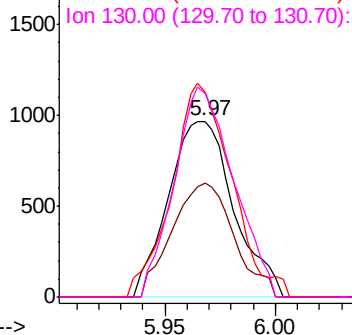
#34

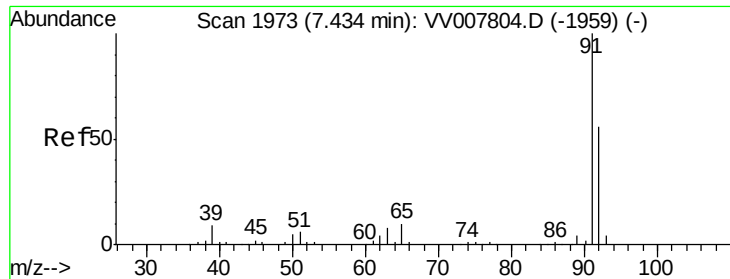
Trichloroethene
Concen: 1.476 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VV007838.D
Acq: 25 Sep 2018 00:21

Tgt Ion: 95 Resp: 1994
Ion Ratio Lower Upper
95 100
97 64.8 45.2 84.0
132 117.1 77.7 144.3
130 134.3 79.7 148.1



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 0.495 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007838.D

Acq: 25 Sep 2018 00:21

Instrument :

MSVOA_V

ClientSampleId :

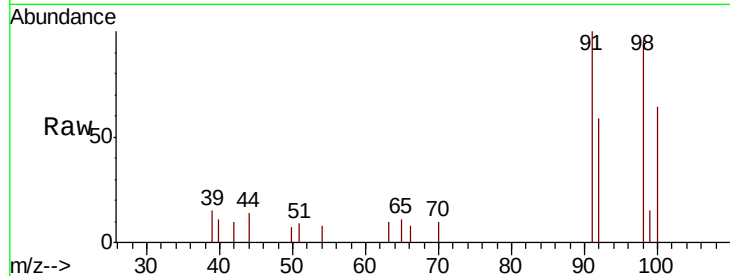
E5FF3

Tot Ion: 91 Resp: 2678

Ion Ratio Lower Upper

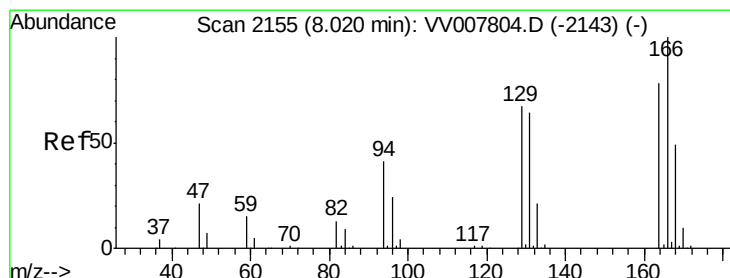
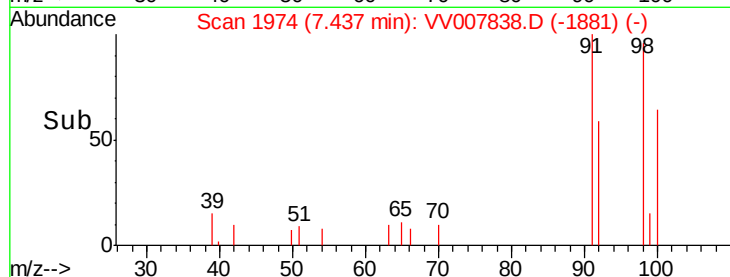
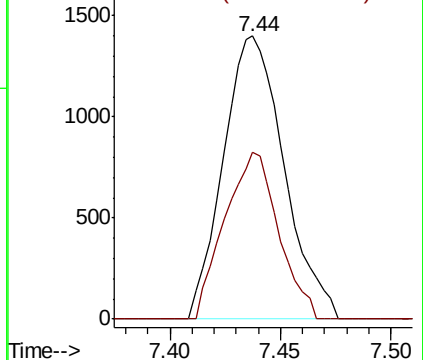
91 100

92 58.8 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#46

Tetrachloroethene

Concen: 29.069 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007838.D

Acq: 25 Sep 2018 00:21

Tgt Ion: 164 Resp: 40194

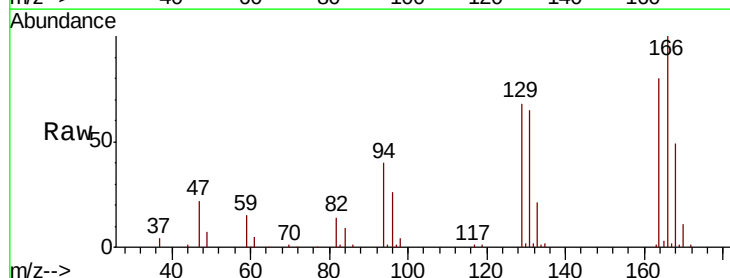
Ion Ratio Lower Upper

164 100

129 85.0 61.0 113.4

131 82.0 57.8 107.4

166 125.6 89.9 167.0



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

