

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007808.D
 Acq On : 24 Sep 2018 11:50
 Operator : SY/MD
 Sample : J5010-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T15RE

Quant Time: Sep 25 02:37:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107104	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38987	66.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	133.94%
7) Chloroethane-d5	1.59	69	39355	74.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	148.80%#
11) 1,1-Dichloroethene-d2	2.14	63	76799	55.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.92%
21) 2-Butanone-d5	3.95	46	56157	146.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	146.07%#
24) Chloroform-d	4.41	84	89044	71.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.90%#
26) 1,2-Dichloroethane-d4	5.09	65	60557	76.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.36%#
32) Benzene-d6	5.11	84	176830	73.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.02%#
36) 1,2-Dichloropropane-d6	6.13	67	52444	73.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	147.66%#
41) Toluene-d8	7.36	98	177587	70.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.30%#
43) trans-1,3-Dichloropropene-	7.67	79	24420	68.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.38%#
47) 2-Hexanone-d5	8.14	63	40674	130.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.03%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75583	68.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	136.32%#
64) 1,2-Dichlorobenzene-d4	11.68	152	82263	71.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	142.36%#

Target Compounds

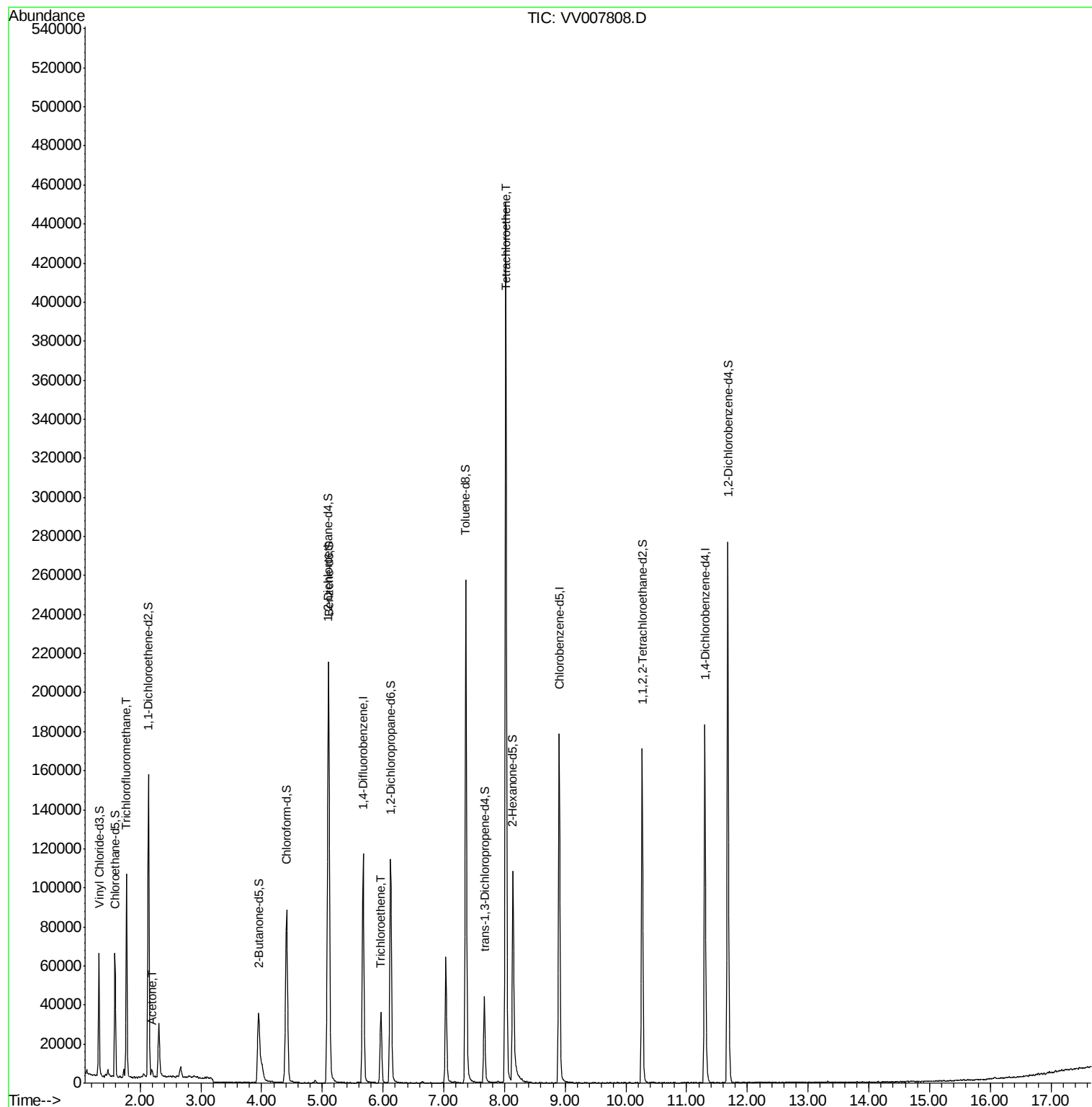
					Ovalue
9) Trichlorofluoromethane	1.78	101	59775	41.868	ug/L 99
13) Acetone	2.19	43	1811	4.464	ug/L 97
34) Trichloroethene	5.96	95	11889	16.037	ug/L 97
46) Tetrachloroethene	8.02	164	105277	138.749	ug/L 99

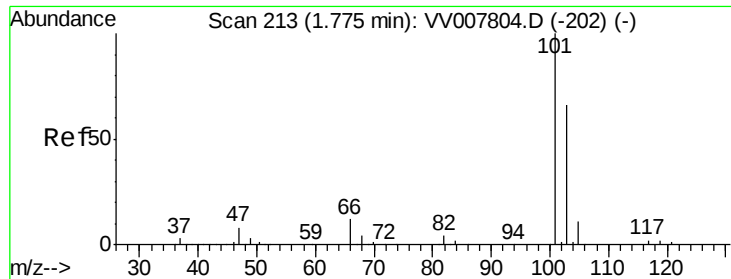
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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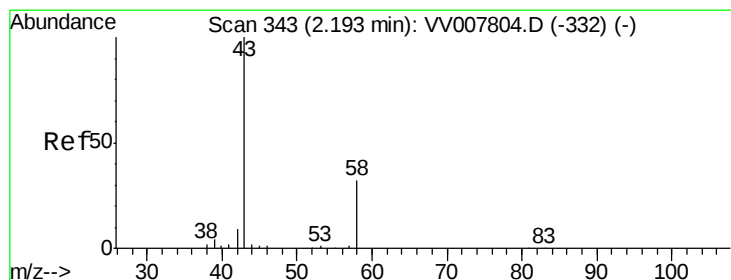
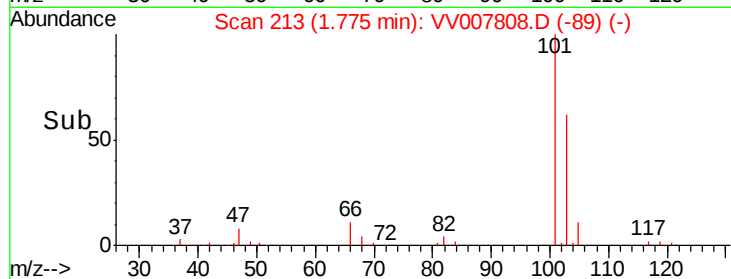
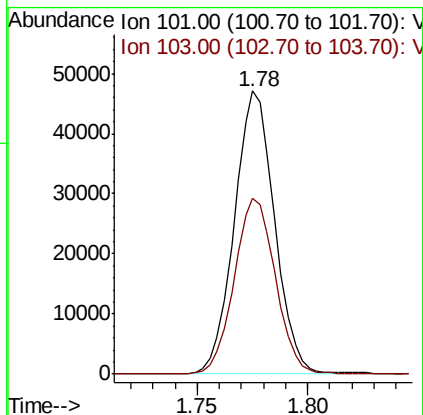
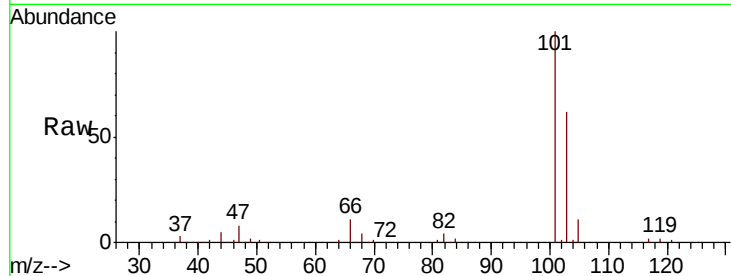


#9

Trichlorofluoromethane
Concen: 41.868 ug/L
RT: 1.78 min Scan# 213
Delta R.T. -0.00 min
Lab File: VV007808.D
Acq: 24 Sep 2018 11:50

Instrument :
MSVOA_V
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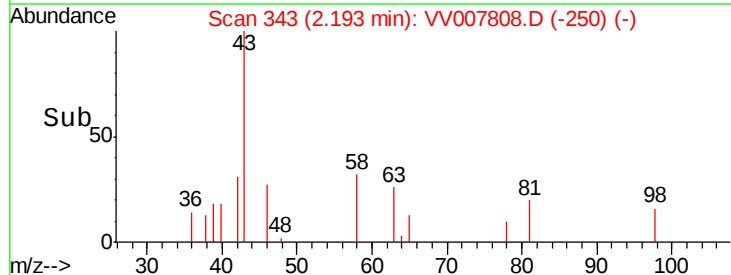
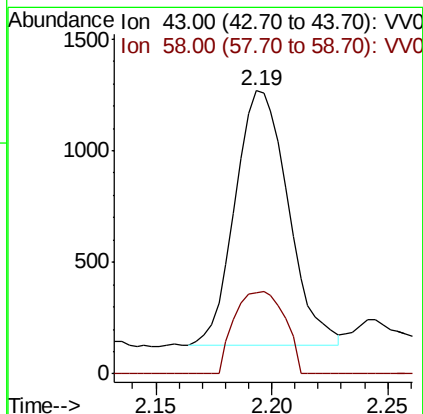
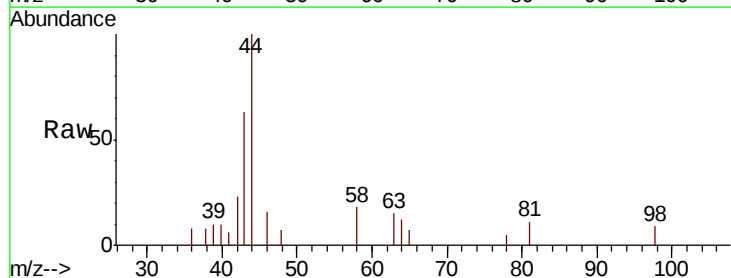
Tot Ion:101 Resp: 59775
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

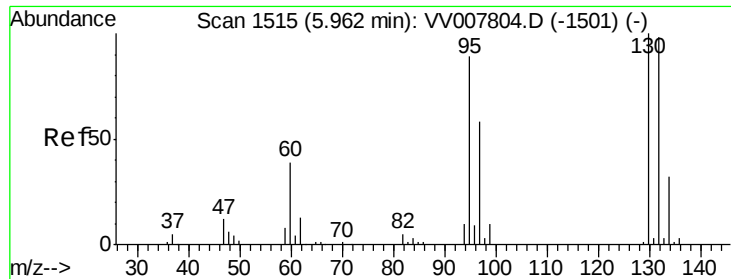


#13

Acetone
Concen: 4.464 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV007808.D
Acq: 24 Sep 2018 11:50

Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.2





#34

Trichloroethene

Concen: 16.037 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007808.D

Acq: 24 Sep 2018 11:50

Instrument :

MSVOA_V

ClientSampleId :

C0T15RE

Tot Ion: 95 Resp: 11889

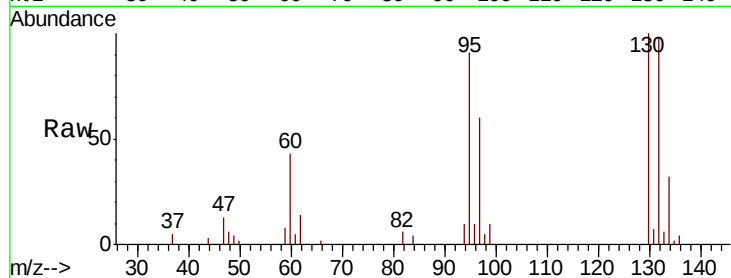
Ion Ratio Lower Upper

95 100

97 66.2 45.2 84.0

132 107.4 77.7 144.3

130 109.8 79.7 148.1



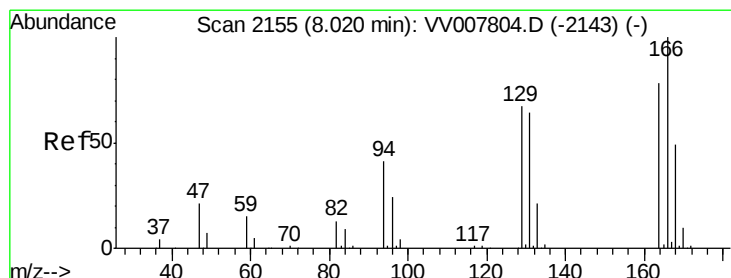
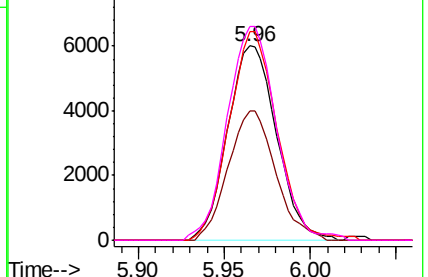
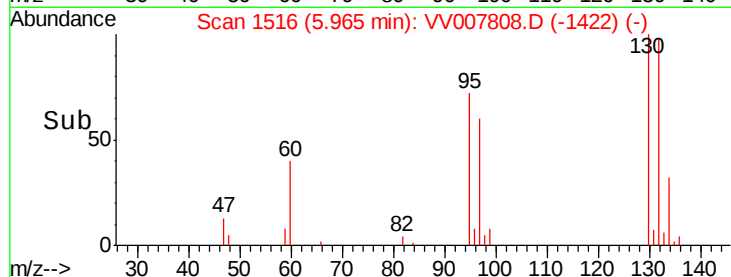
Abundance Ion 95.00 (94.70 to 95.70): VV007808.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV007808.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV007808.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV007808.D (-1501) (-)

Time-->



#46

Tetrachloroethene

Concen: 138.749 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007808.D

Acq: 24 Sep 2018 11:50

Tgt Ion: 164 Resp: 105277

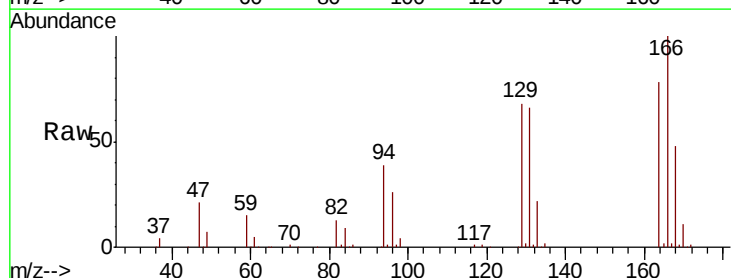
Ion Ratio Lower Upper

164 100

129 86.6 61.0 113.4

131 83.8 57.8 107.4

166 128.0 89.9 167.0



Abundance Ion 164.00 (163.70 to 164.70): VV007808.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV007808.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV007808.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV007808.D (-2143) (-)

Time-->

