

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\
 Data File : VW009225.D
 Acq On : 18 Mar 2019 12:57
 Operator : SY/VA
 Sample : K1949-01
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y6

Quant Time: Mar 19 01:31:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 11:10:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134124	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
7) Chloroethane-d5	2.90	69	126812	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	4.01	63	202096	18.23	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.92%
20) 2-Butanone-d5	7.07	46	90036	42.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.86%
24) Chloroform-d	7.64	84	271326	23.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	8.30	65	164159	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.04%
29) Benzene-d6	8.27	84	520171	23.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%
33) 1,2-Dichloropropane-d6	9.27	67	157724	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	467242	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	71382	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	66517	40.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141646	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	173042	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

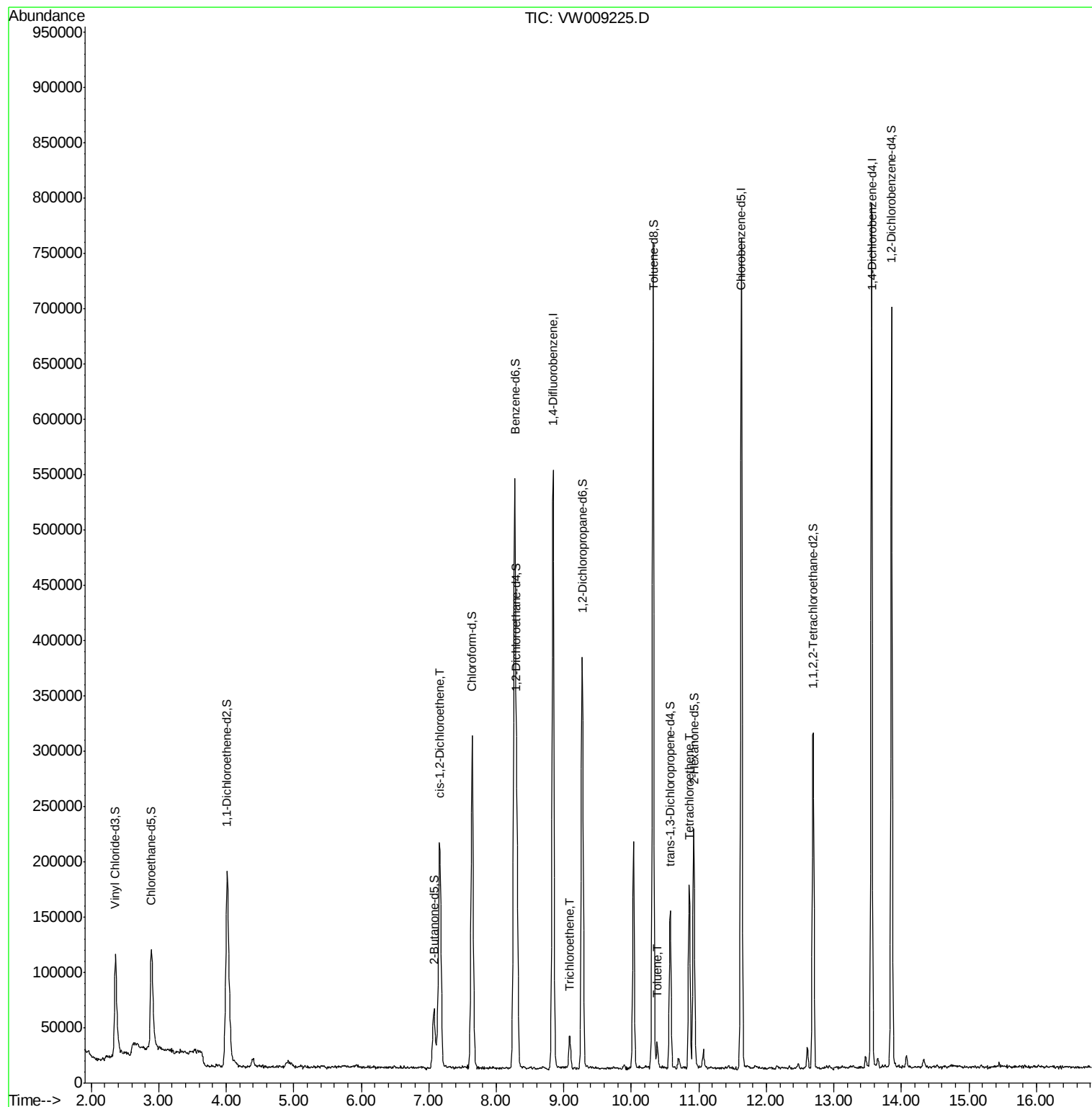
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.16	96	104691	17.386 ug/L	98
35) Trichloroethene	9.09	95	8882	1.499 ug/L	98
44) Toluene	10.38	91	15310	0.630 ug/L	91
47) Tetrachloroethene	10.86	164	35618	7.115 ug/L	93

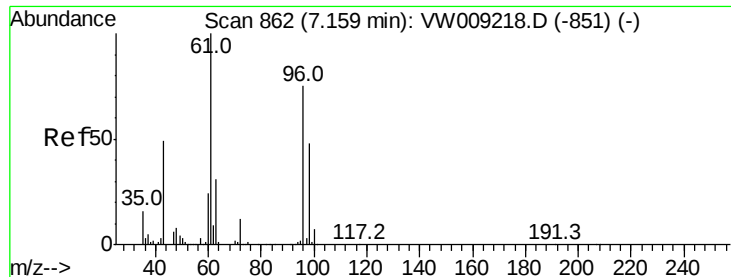
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 17.386 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

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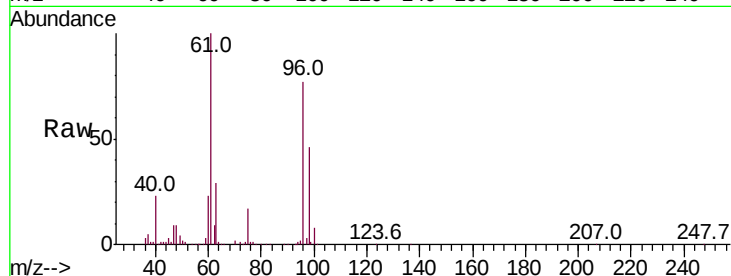
Tot Ion: 96 Resp: 104691

Ion Ratio Lower Upper

96 100

61 130.5 90.6 168.3

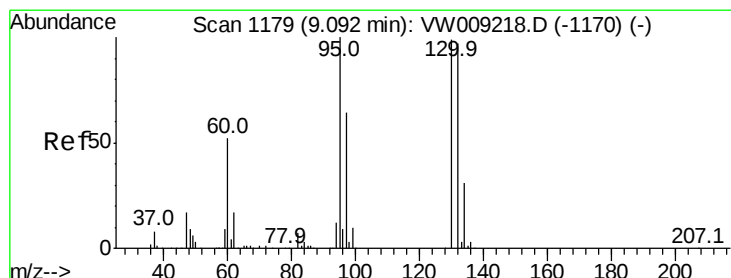
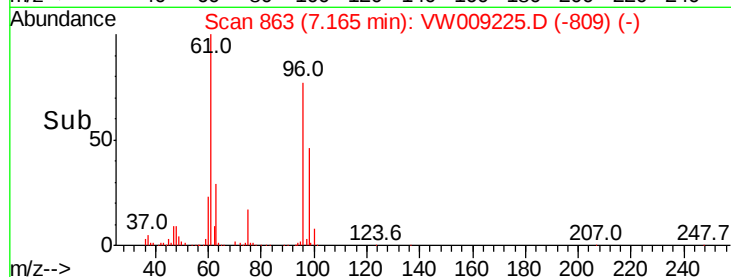
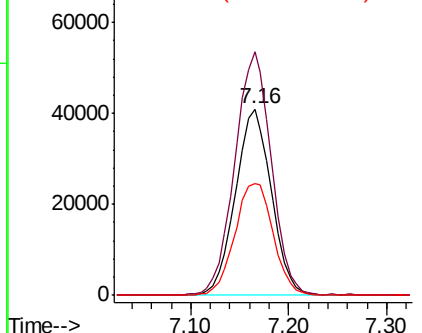
98 59.8 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 1.499 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009225.D

Acq: 18 Mar 2019 12:57

Tgt Ion: 95 Resp: 8882

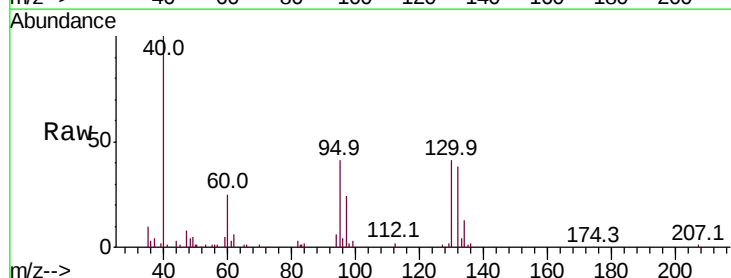
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 95.8 69.0 128.2

130 102.3 72.7 134.9

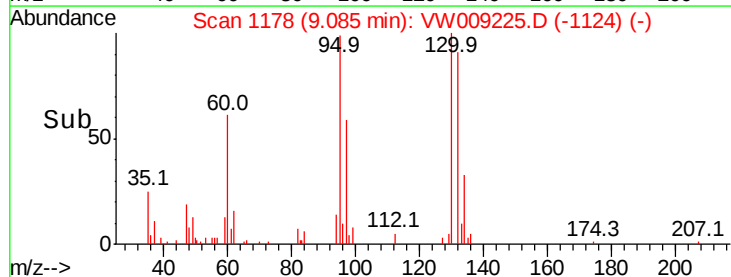
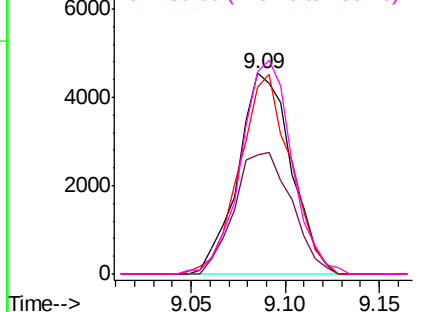


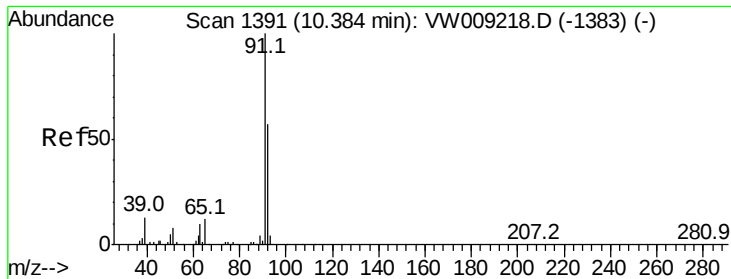
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 0.630 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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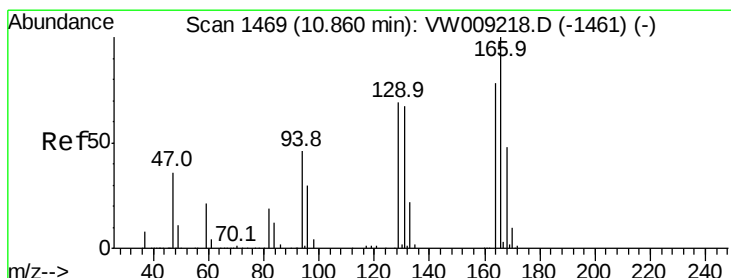
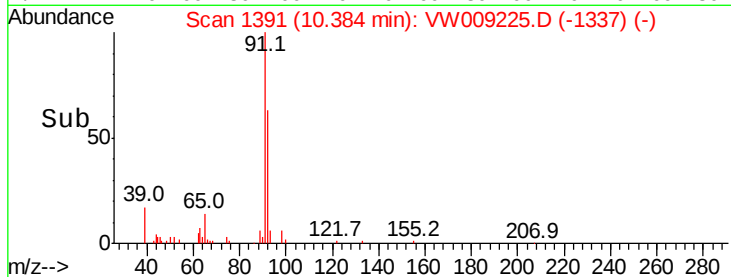
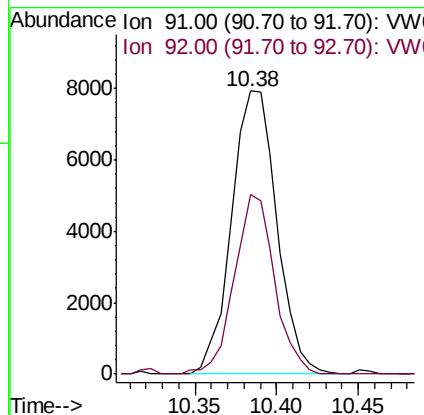
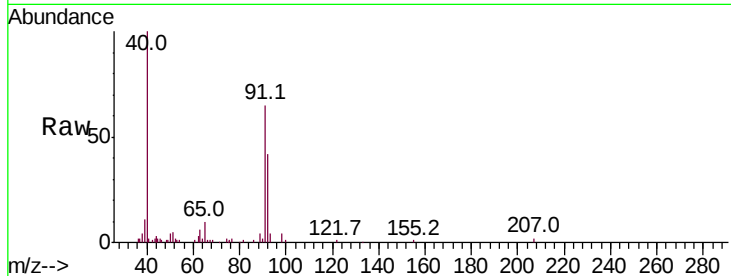
BF0Y6

Tot Ion: 91 Resp: 15310

Ion Ratio Lower Upper

91 100

92 63.5 39.8 73.8



#47

Tetrachloroethene

Concen: 7.115 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009225.D

Acq: 18 Mar 2019 12:57

Tgt Ion: 164 Resp: 35618

Ion Ratio Lower Upper

164 100

129 88.1 66.5 123.5

131 82.2 62.6 116.3

166 123.0 91.6 170.0

