

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010951.D
 Acq On : 25 Jun 2019 00:53
 Operator : SY/VA
 Sample : K3456-19
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANY4

Quant Time: Jun 25 04:36:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	10812	6.09	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.36%#
7) Chloroethane-d5	2.88	69	15459	11.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.20%
10) 1,1-Dichloroethene-d2	4.01	63	24378	5.81	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.24%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.65	84	101316	27.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.76%
26) 1,2-Dichloroethane-d4	8.30	65	100613	43.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	175.80%#
29) Benzene-d6	8.27	84	184632	19.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.24%
33) 1,2-Dichloropropane-d6	9.27	67	89120	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.84%
37) Toluene-d8	10.32	98	158822	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.64%
38) trans-1,3-Dichloropropene-	10.58	79	21526	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.60%
39) 2-Hexanone-d5	10.93	63	894	1.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82104	31.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	61730	26.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.60%

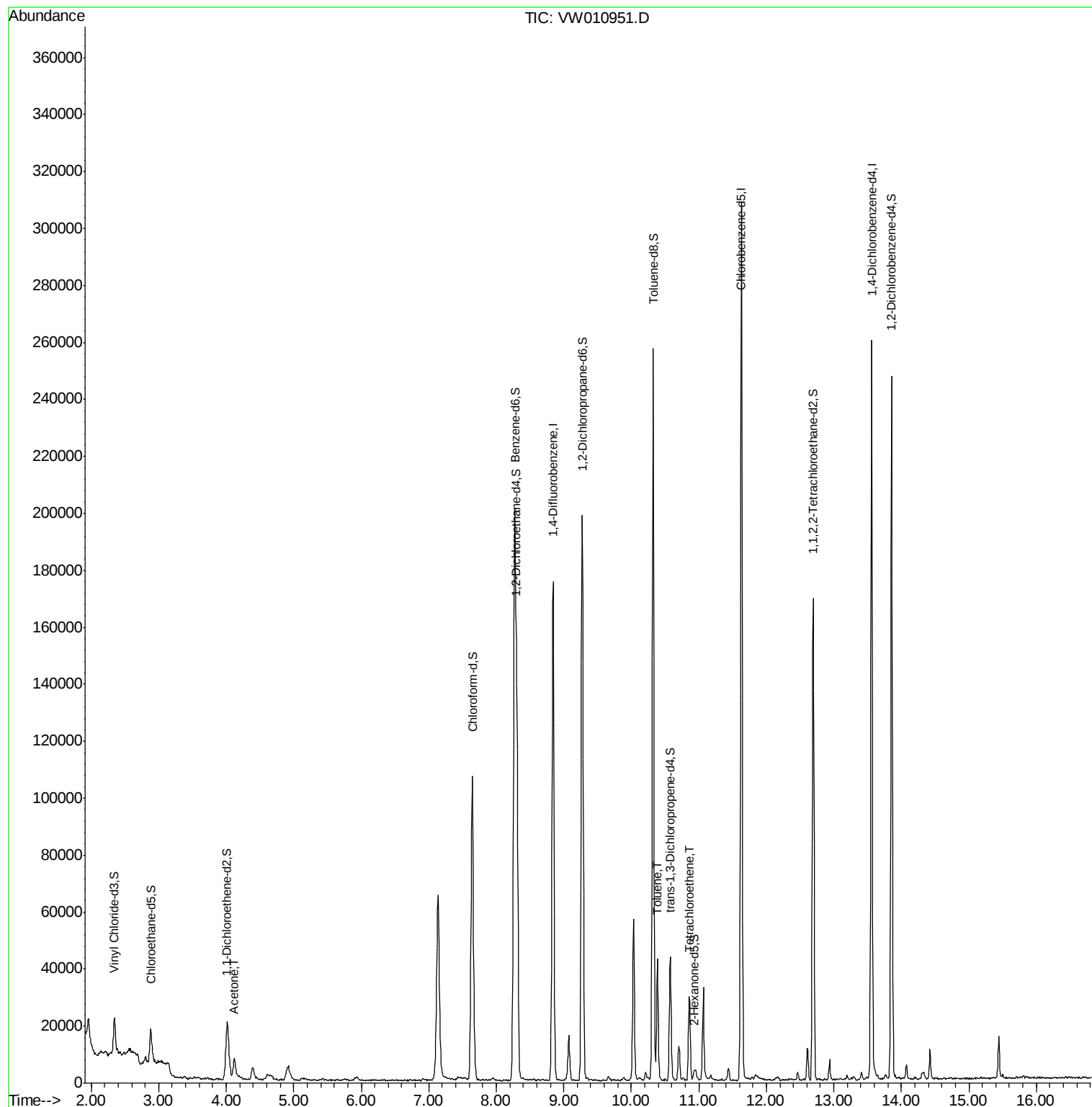
Target Compounds					Ovalue
13) Acetone	4.12	43	13499	16.911	ug/L 96
44) Toluene	10.39	91	30099	2.751	ug/L 95
47) Tetrachloroethene	10.86	164	6302	3.131	ug/L 95

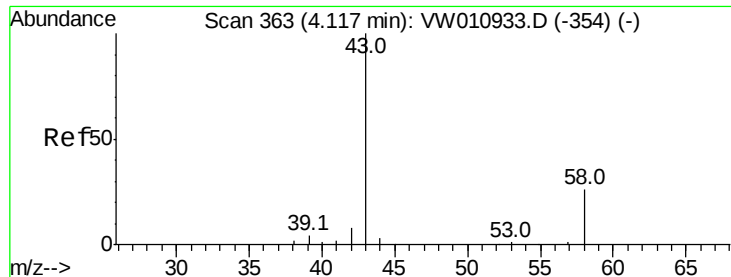
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.911 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010951.D

Acq: 25 Jun 2019 00:53

Instrument :

MSVOA_W

ClientSampled :

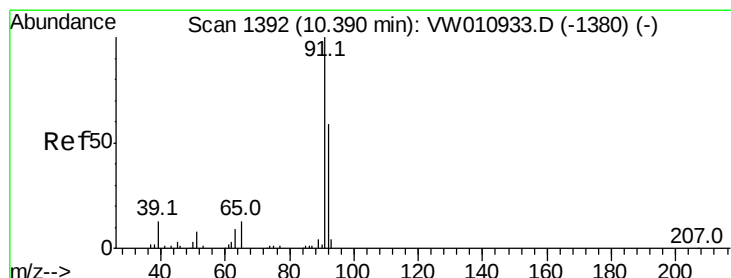
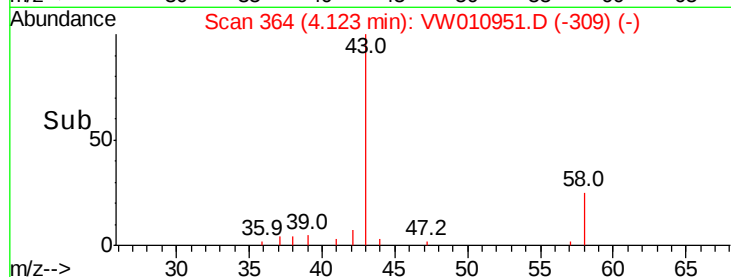
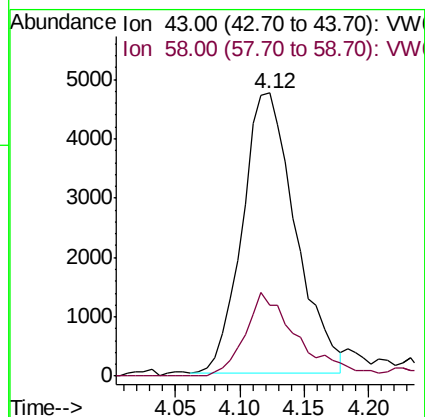
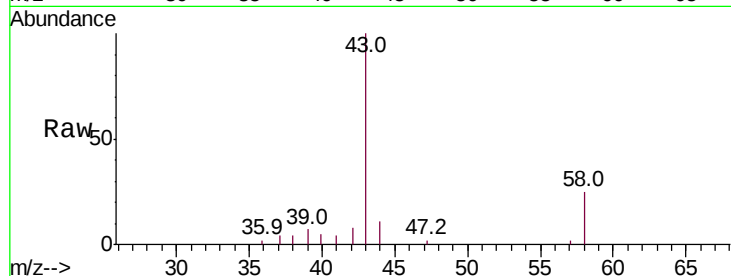
YANY4

Tot Ion: 43 Resp: 13499

Ion Ratio Lower Upper

43 100

58 28.6 0.0 53.2



#44

Toluene

Concen: 2.751 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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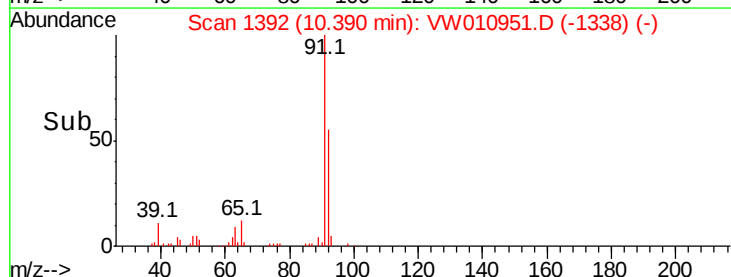
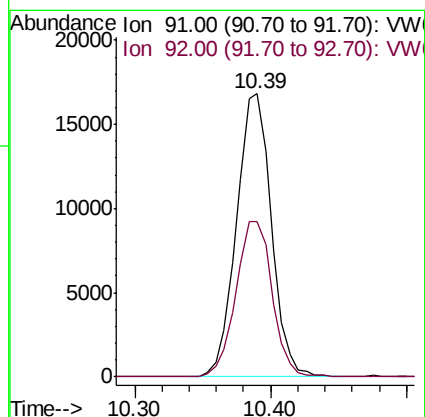
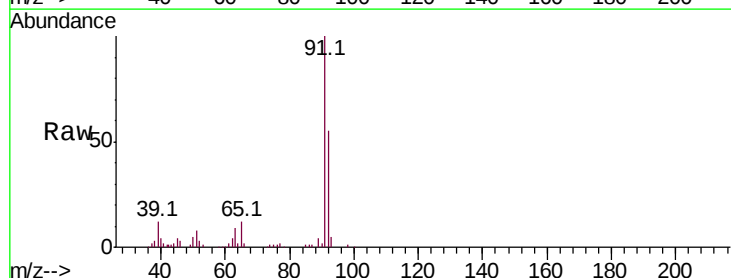
Acq: 25 Jun 2019 00:53

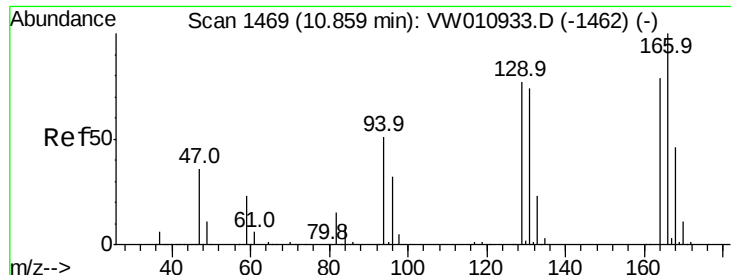
Tgt Ion: 91 Resp: 30099

Ion Ratio Lower Upper

91 100

92 54.7 41.2 76.4





#47

Tetrachloroethene

Concen: 3.131 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010951.D

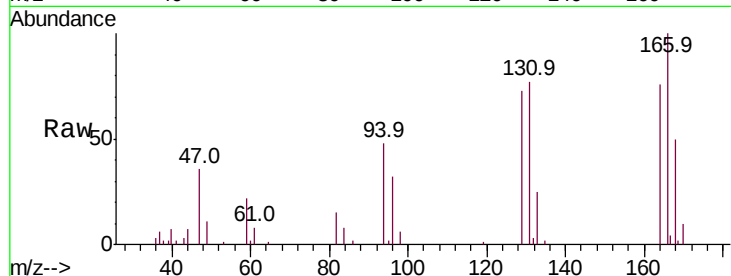
Acq: 25 Jun 2019 00:53

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Tot Ion:164 Resp: 6302

Ion Ratio Lower Upper

164 100

129 95.0 69.6 129.2

131 100.7 66.8 124.0

166 135.8 91.2 169.4

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

