

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW009998.D
 Acq On : 16 Apr 2019 16:04
 Operator : SY/VA
 Sample : K2403-01
 Misc : 3.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5101

Quant Time: Apr 17 00:45:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	693004	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	616860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	169047	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.24%
7) Chloroethane-d5	2.89	69	146535	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.01	63	333431	18.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	7.07	46	156638	44.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.42%
24) Chloroform-d	7.65	84	442731	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	8.31	65	273402	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.27	84	840646	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
33) 1,2-Dichloropropane-d6	9.27	67	269983	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	737311	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	114790	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.93	63	119705	50.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	198014	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	176171	22.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.80%

Target Compounds

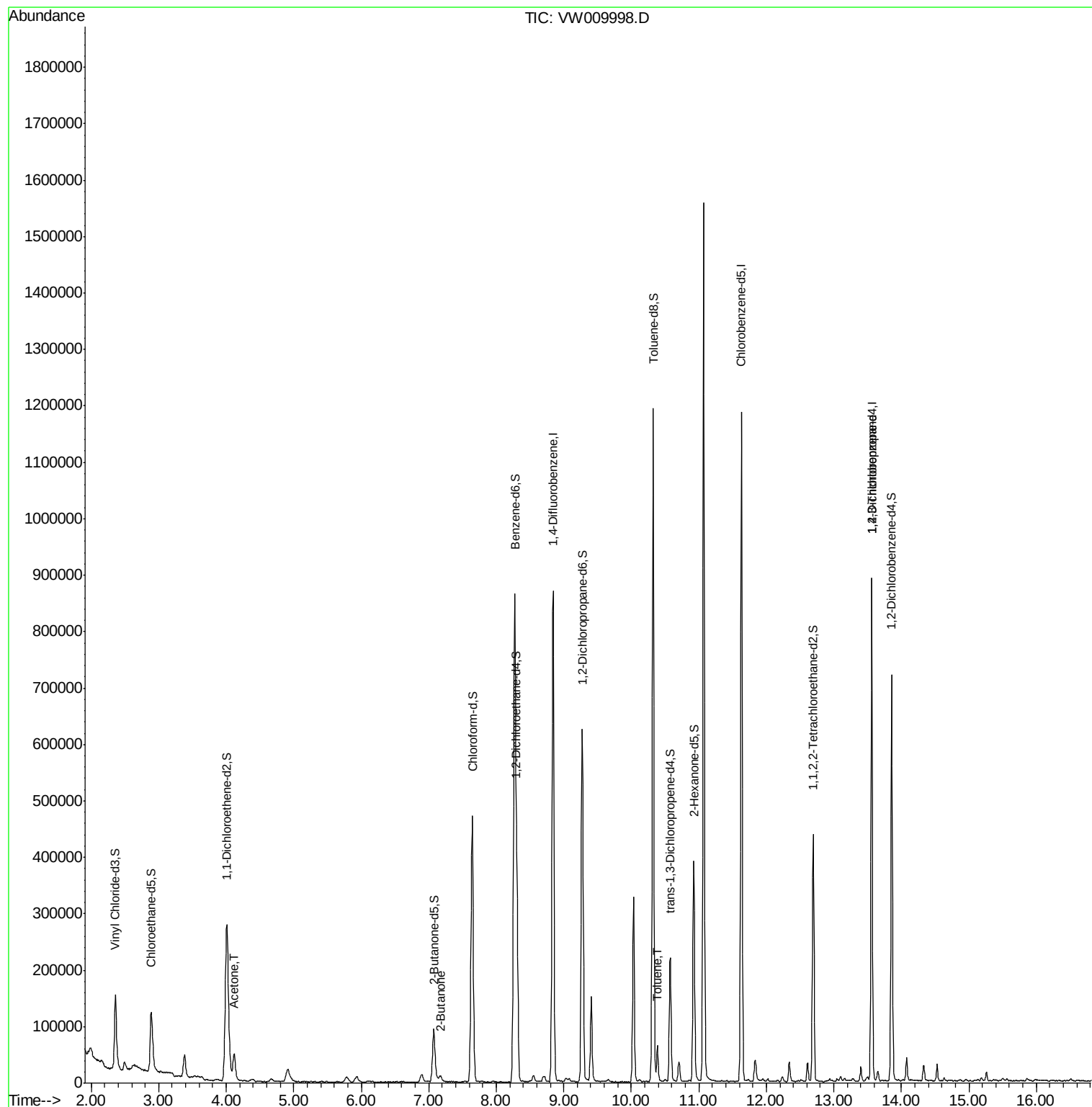
					Qvalue
13) Acetone	4.12	43	80704	25.618 ug/L	99
21) 2-Butanone	7.18	43	15055	3.650 ug/L #	66
44) Toluene	10.39	91	43742	1.135 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	28990	3.929 ug/L	91

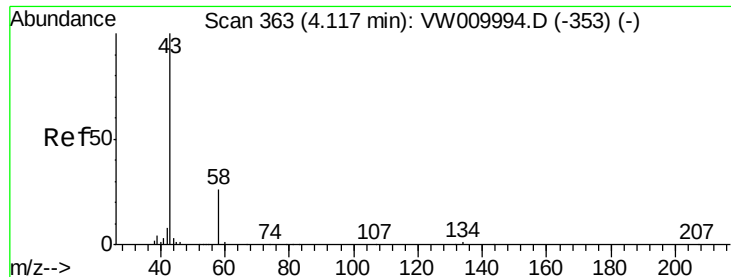
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.618 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009998.D

Acq: 16 Apr 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

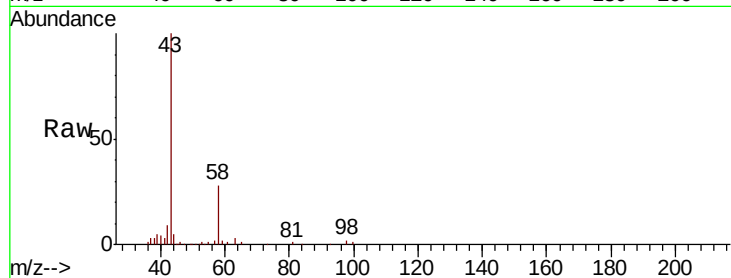
A5101

Tgt Ion: 43 Resp: 80704

Ion Ratio Lower Upper

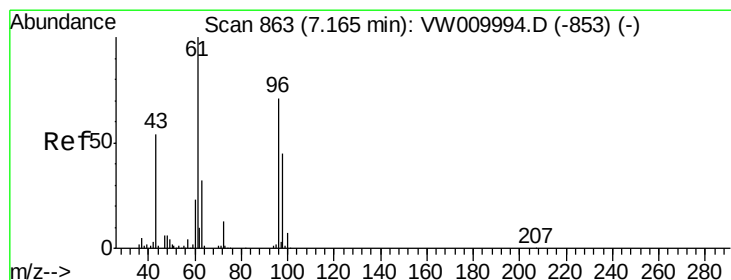
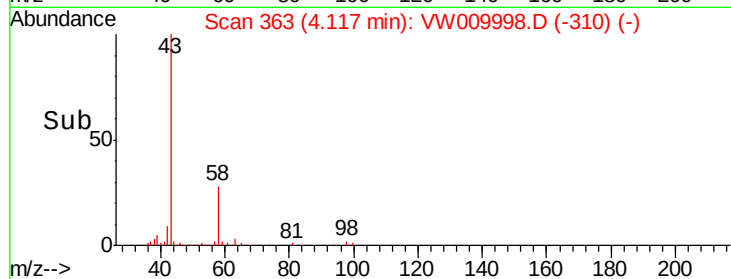
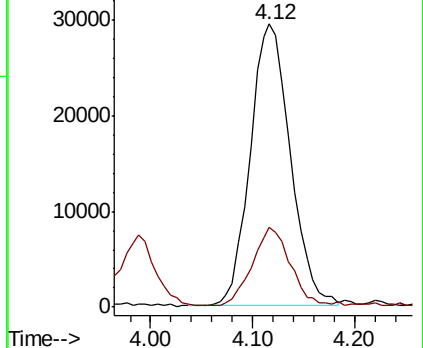
43 100

58 27.4 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 3.650 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009998.D

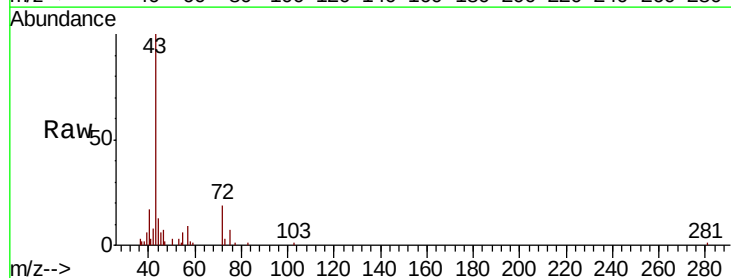
Acq: 16 Apr 2019 16:04

Tgt Ion: 43 Resp: 15055

Ion Ratio Lower Upper

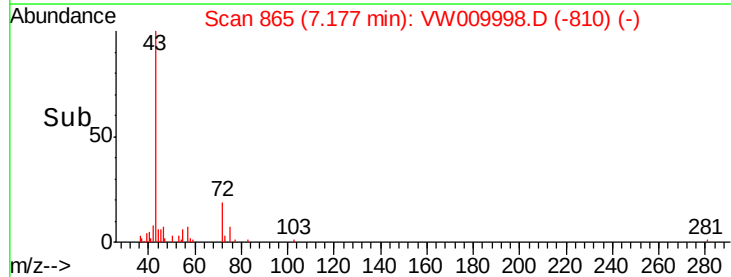
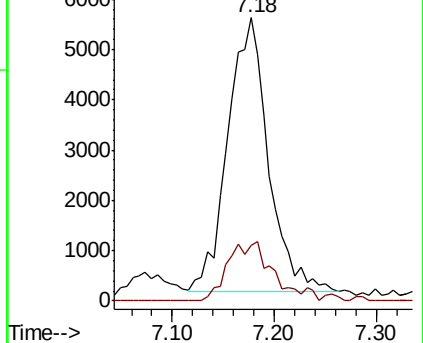
43 100

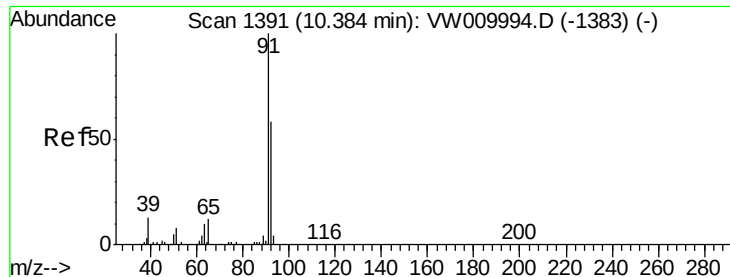
72 7.1 11.9 35.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#44

Toluene

Concen: 1.135 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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Acq: 16 Apr 2019 16:04

Instrument :

MSVOA_W

ClientSampled :

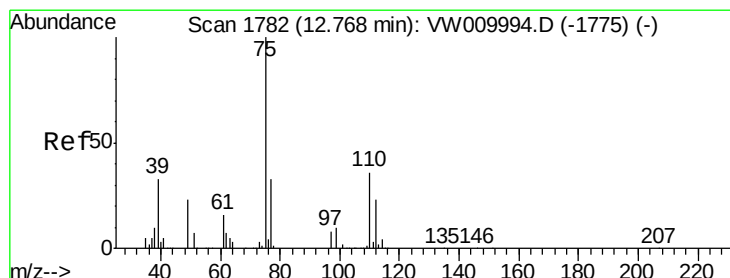
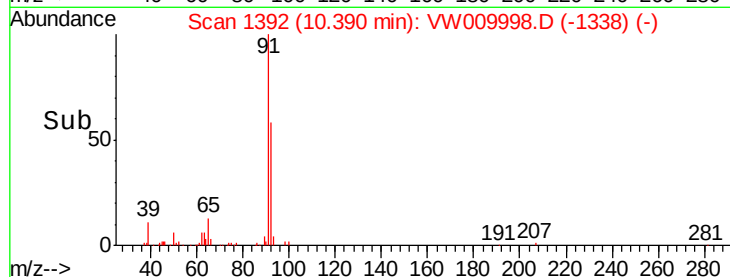
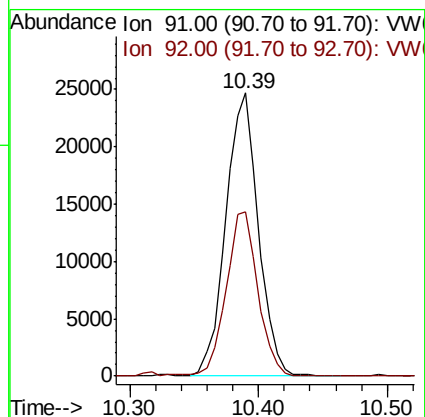
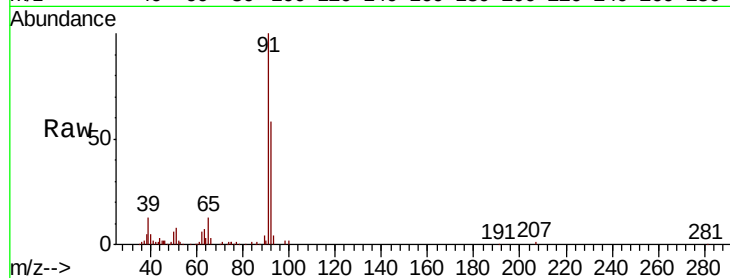
A5101

Tgt Ion: 91 Resp: 43742

Ion Ratio Lower Upper

91 100

92 58.0 39.8 74.0



#59

1,2,3-Trichloropropane

Concen: 3.929 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009998.D

Acq: 16 Apr 2019 16:04

Tgt Ion: 75 Resp: 28990

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6

