

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011291.D
 Acq On : 16 Jul 2019 17:33
 Operator : SY/VA
 Sample : K3798-08
 Misc : 4.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H5

Quant Time: Jul 17 08:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313424	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	70421	14.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.84%
7) Chloroethane-d5	2.88	69	58042	17.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.16%
10) 1,1-Dichloroethene-d2	4.01	63	130302	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.07	46	106709	56.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.20%
24) Chloroform-d	7.65	84	185402	21.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	8.30	65	122824	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	8.27	84	364034	22.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.04%
33) 1,2-Dichloropropane-d6	9.27	67	129659	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.32	98	299773	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	10.58	79	46307	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	72369	59.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106442	24.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	77356	21.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.36%

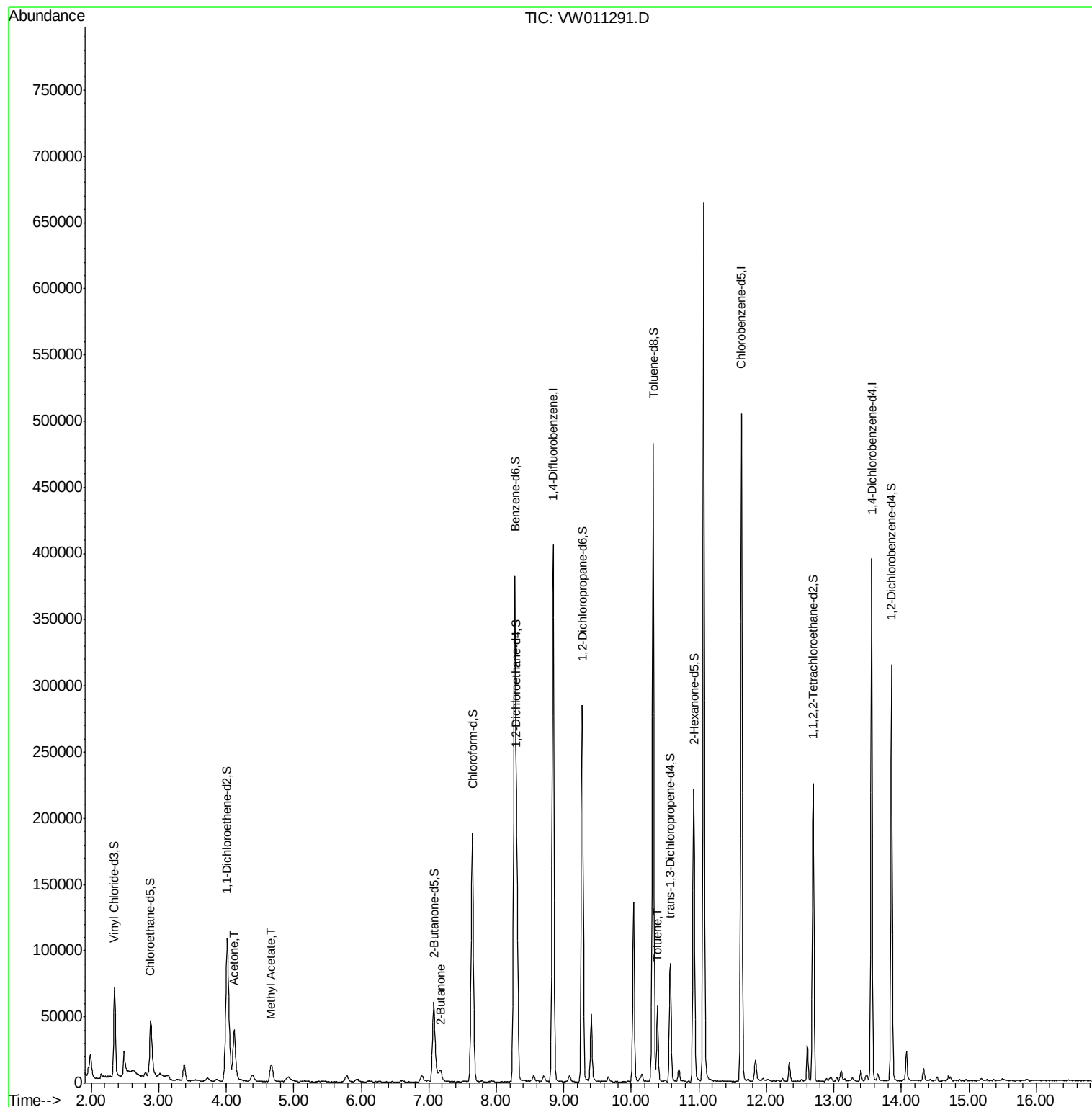
Target Compounds					Ovalue
13) Acetone	4.12	43	68101	36.983 ug/L	98
15) Methyl Acetate	4.67	43	26937	8.990 ug/L	98
21) 2-Butanone	7.18	43	10821	4.552 ug/L	98
44) Toluene	10.39	91	39754	2.341 ug/L	97

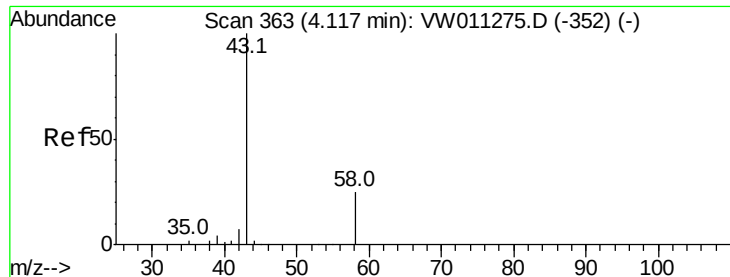
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.983 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 16 Jul 2019 17:33

Instrument :

MSVOA_W

ClientSampled :

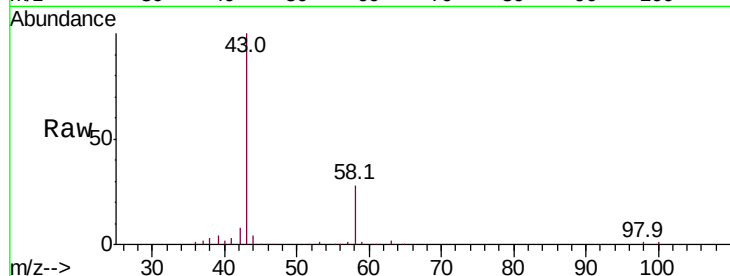
A52H5

Tot Ion: 43 Resp: 68101

Ion Ratio Lower Upper

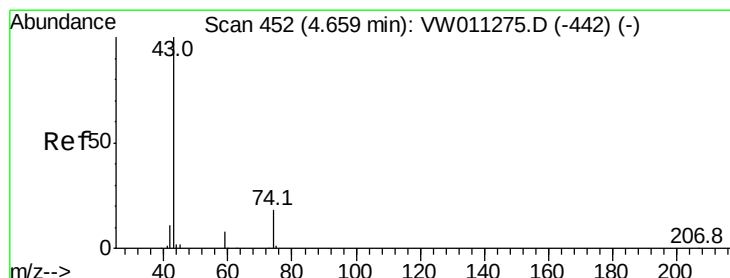
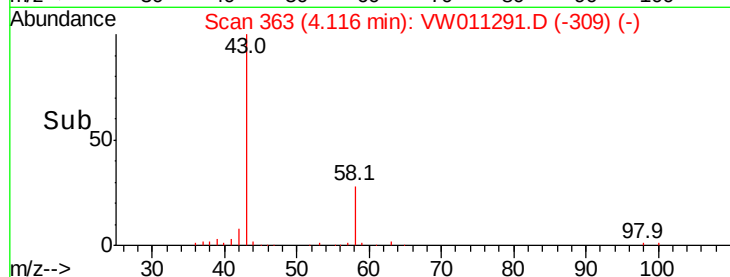
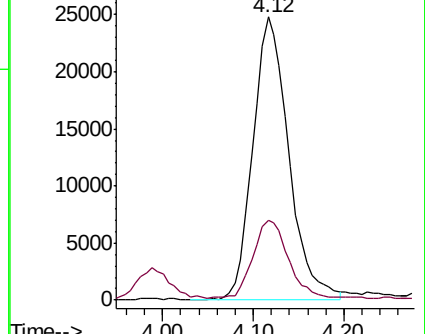
43 100

58 26.5 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 8.990 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

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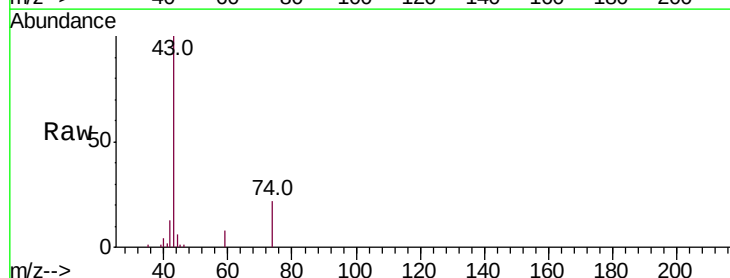
Acq: 16 Jul 2019 17:33

Tgt Ion: 43 Resp: 26937

Ion Ratio Lower Upper

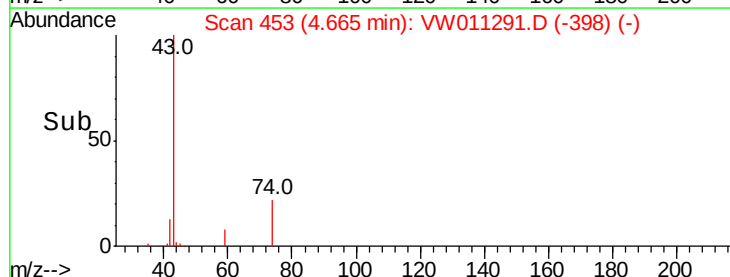
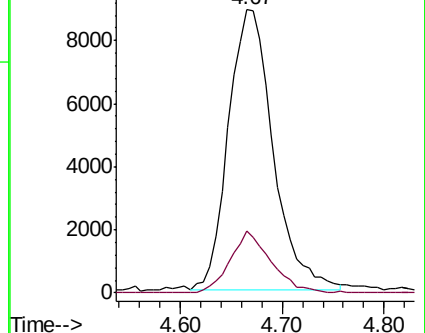
43 100

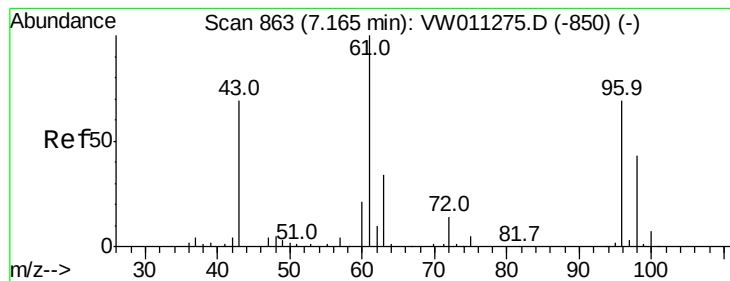
74 20.0 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 4.552 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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ClientSampleId :

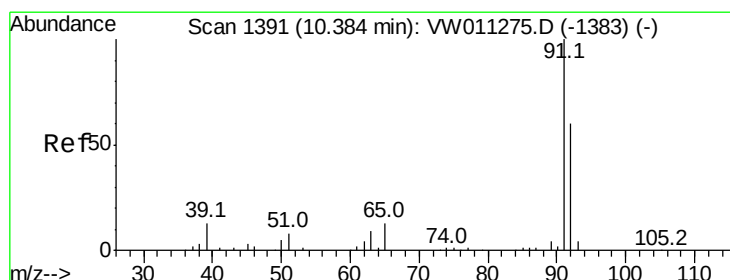
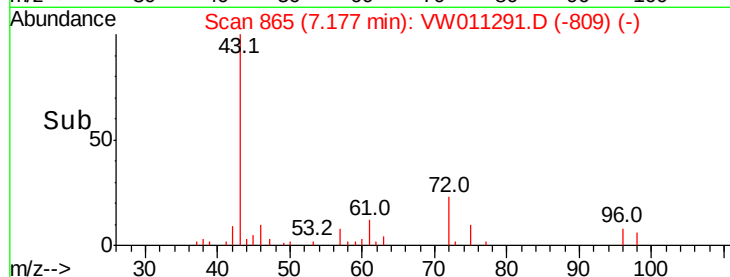
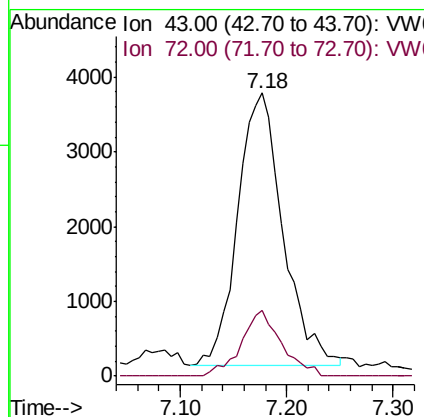
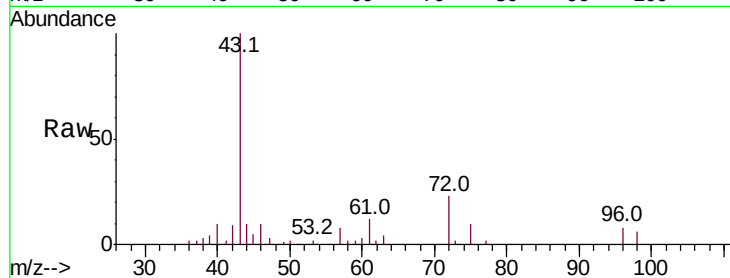
A52H5

Tot Ion: 43 Resp: 10821

Ion Ratio Lower Upper

43 100

72 21.4 11.2 33.6



#44

Toluene

Concen: 2.341 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011291.D

Acq: 16 Jul 2019 17:33

Tgt Ion: 91 Resp: 39754

Ion Ratio Lower Upper

91 100

92 56.2 40.8 75.8

