

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011271.D
 Acq On : 15 Jul 2019 19:45
 Operator : SY/VA
 Sample : K3798-08
 Misc : 4.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H5

Quant Time: Jul 16 07:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	249163	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	59139	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
7) Chloroethane-d5	2.89	69	46190	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
10) 1,1-Dichloroethene-d2	4.01	63	103614	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.07	46	105687	70.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.04%#
24) Chloroform-d	7.65	84	143503	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.31	65	100389	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	278730	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	99751	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.32	98	222179	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.24%
38) trans-1,3-Dichloropropene-	10.58	79	38102	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.64%
39) 2-Hexanone-d5	10.93	63	70247	76.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98225	29.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	53550	21.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.32%

Target Compounds

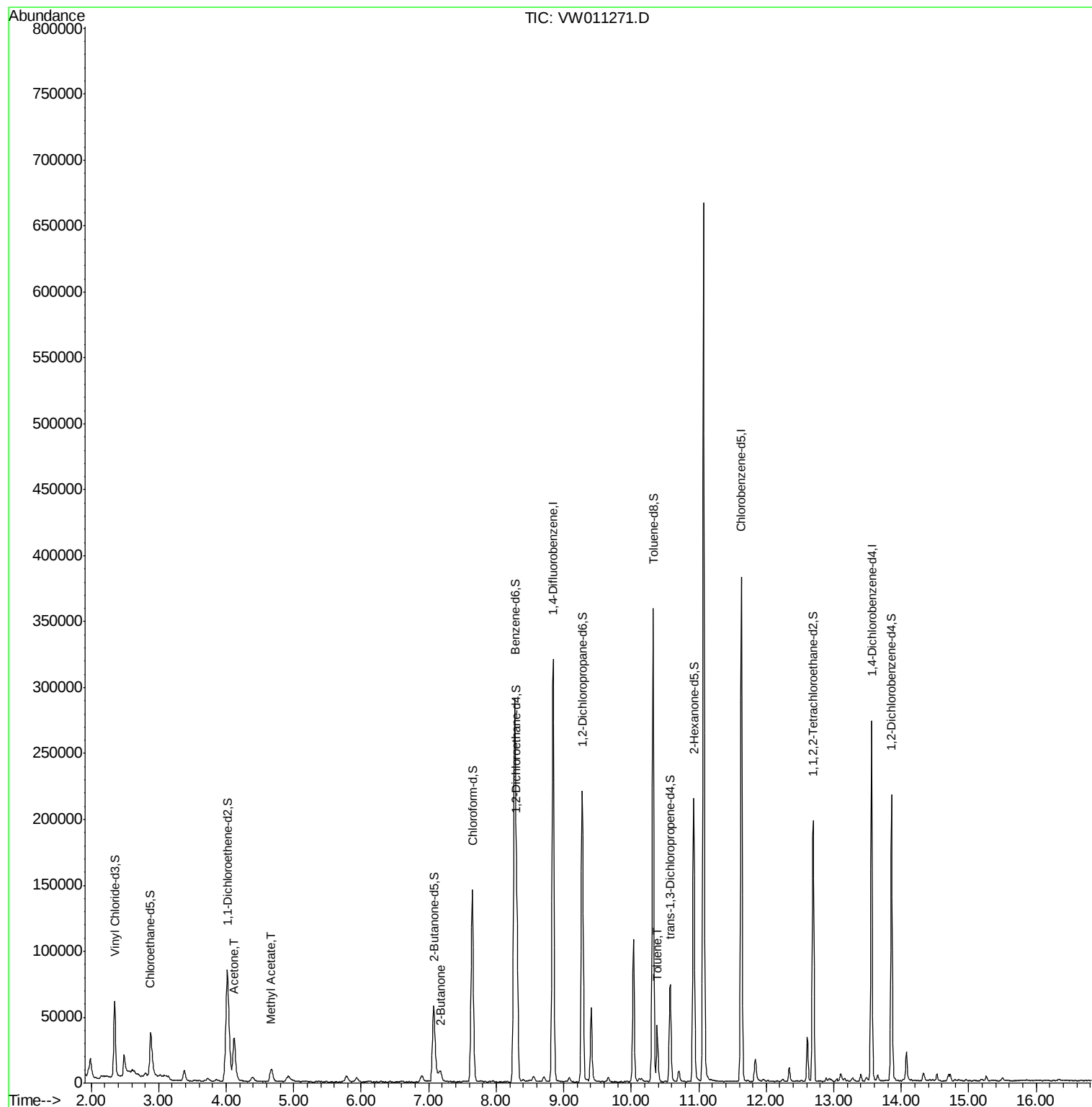
					Ovalue
13) Acetone	4.12	43	57938	39.579	ug/L 100
15) Methyl Acetate	4.67	43	19713	8.276	ug/L 93
21) 2-Butanone	7.18	43	10678	5.651	ug/L 99
44) Toluene	10.38	91	30076	2.333	ug/L 94

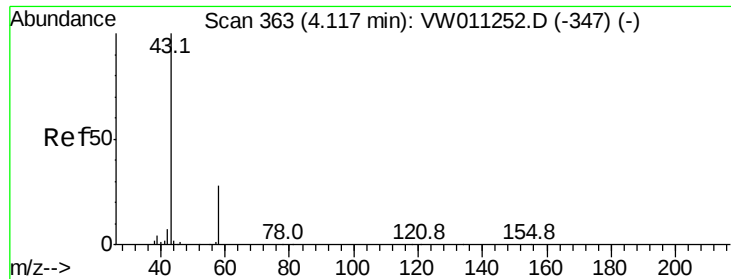
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.579 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011271.D

Acq: 15 Jul 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

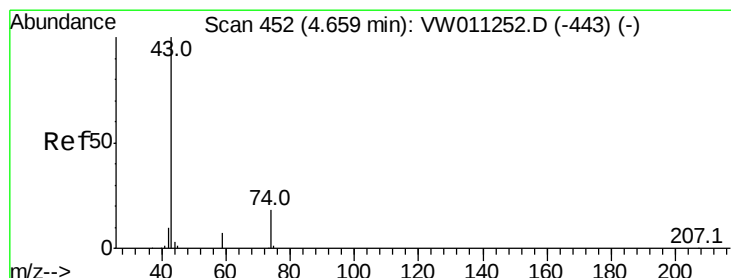
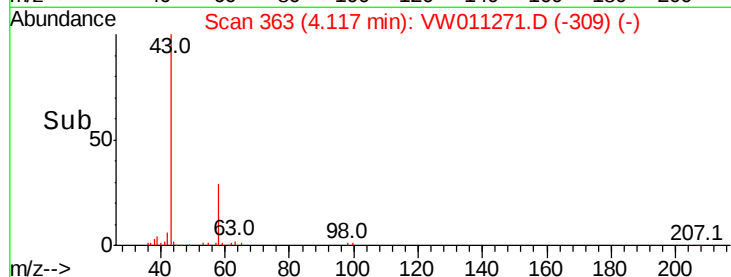
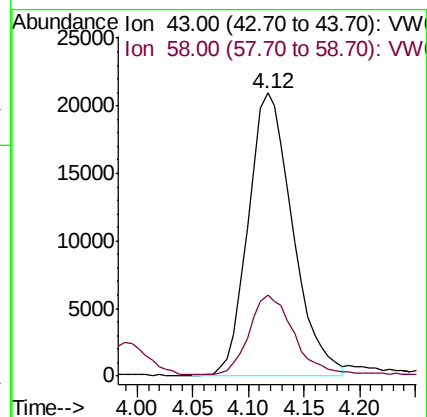
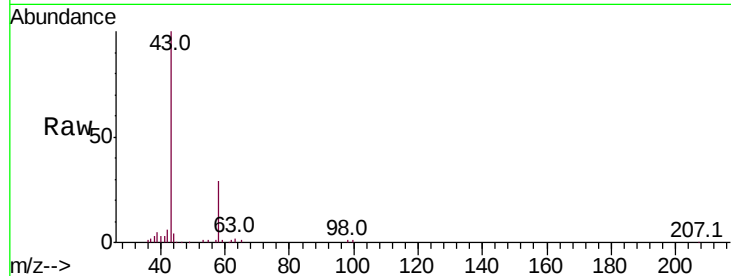
A52H5

Tot Ion: 43 Resp: 57938

Ion Ratio Lower Upper

43 100

58 27.8 0.0 55.0



#15

Methyl Acetate

Concen: 8.276 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011271.D

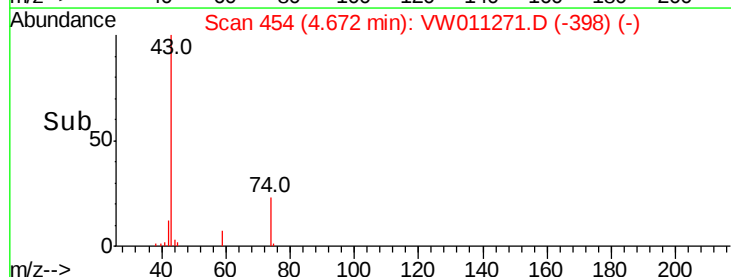
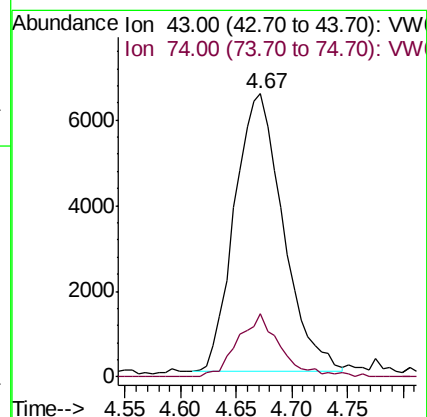
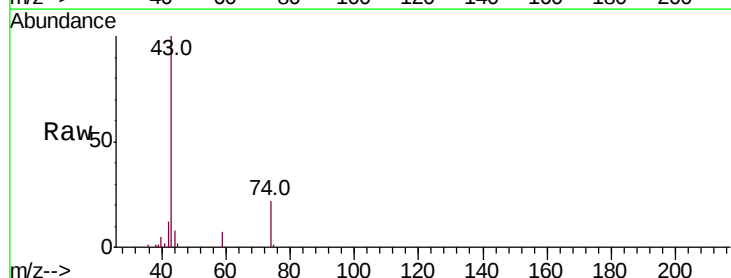
Acq: 15 Jul 2019 19:45

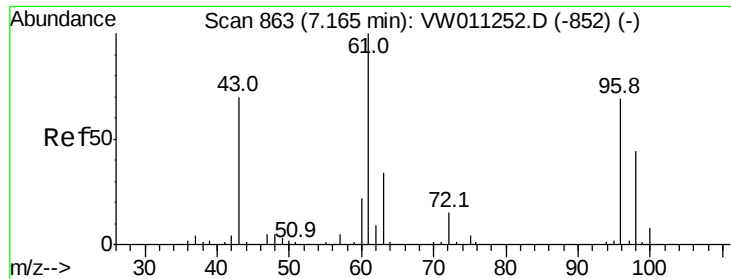
Tgt Ion: 43 Resp: 19713

Ion Ratio Lower Upper

43 100

74 15.9 15.1 22.7





#21

2-Butanone

Concen: 5.651 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011271.D

Acq: 15 Jul 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

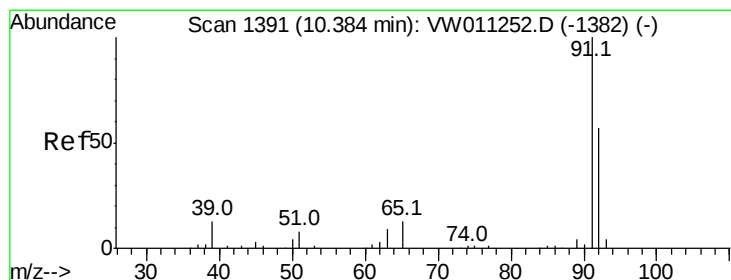
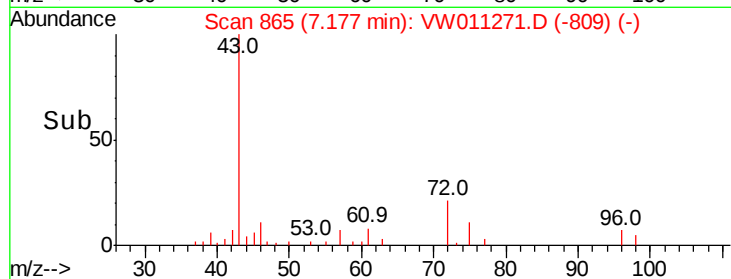
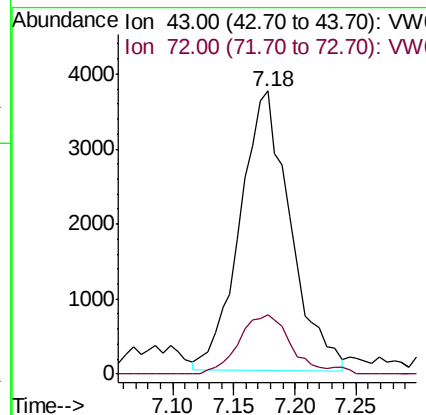
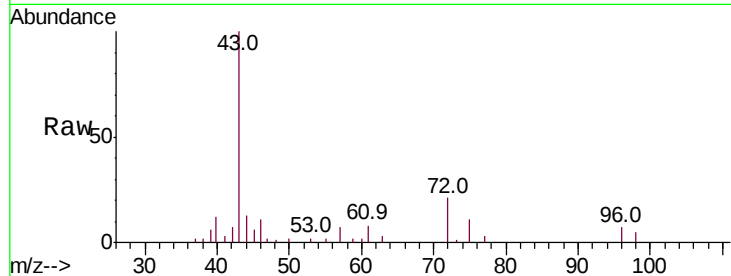
A52H5

Tot Ion: 43 Resp: 10678

Ion Ratio Lower Upper

43 100

72 21.7 11.2 33.6



#44

Toluene

Concen: 2.333 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011271.D

Acq: 15 Jul 2019 19:45

Tgt Ion: 91 Resp: 30076

Ion Ratio Lower Upper

91 100

92 53.7 40.8 75.8

