

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011270.D
 Acq On : 15 Jul 2019 19:18
 Operator : SY/VA
 Sample : K3798-07
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H4

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:40 AM

Quant Time: Jul 16 07:18:08 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	41466	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	36279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	11371	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	16721	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.64%
7) Chloroethane-d5	2.88	69	14546	32.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.96%
10) 1,1-Dichloroethene-d2	4.01	63	31803	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
20) 2-Butanone-d5	7.08	46	20991	84.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.32%#
24) Chloroform-d	7.65	84	42851	37.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	150.80%#
26) 1,2-Dichloroethane-d4	8.31	65	28285	40.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.64%#
29) Benzene-d6	8.27	84	83063	37.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.64%#
33) 1,2-Dichloropropane-d6	9.27	67	29309	40.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	161.08%#
37) Toluene-d8	10.32	98	65150	32.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.84%#
38) trans-1,3-Dichloropropene-	10.58	79	10174	32.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	131.52%
39) 2-Hexanone-d5	10.92	63	15394	92.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26746	44.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	177.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	15927	36.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	145.96%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	22686	93.122 ug/L	99
15) Methyl Acetate	4.67	43	3982	10.045 ug/L #	62
21) 2-Butanone	7.18	43	7540m	23.975 ug/L	
44) Toluene	10.38	91	131898	56.202 ug/L	97

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

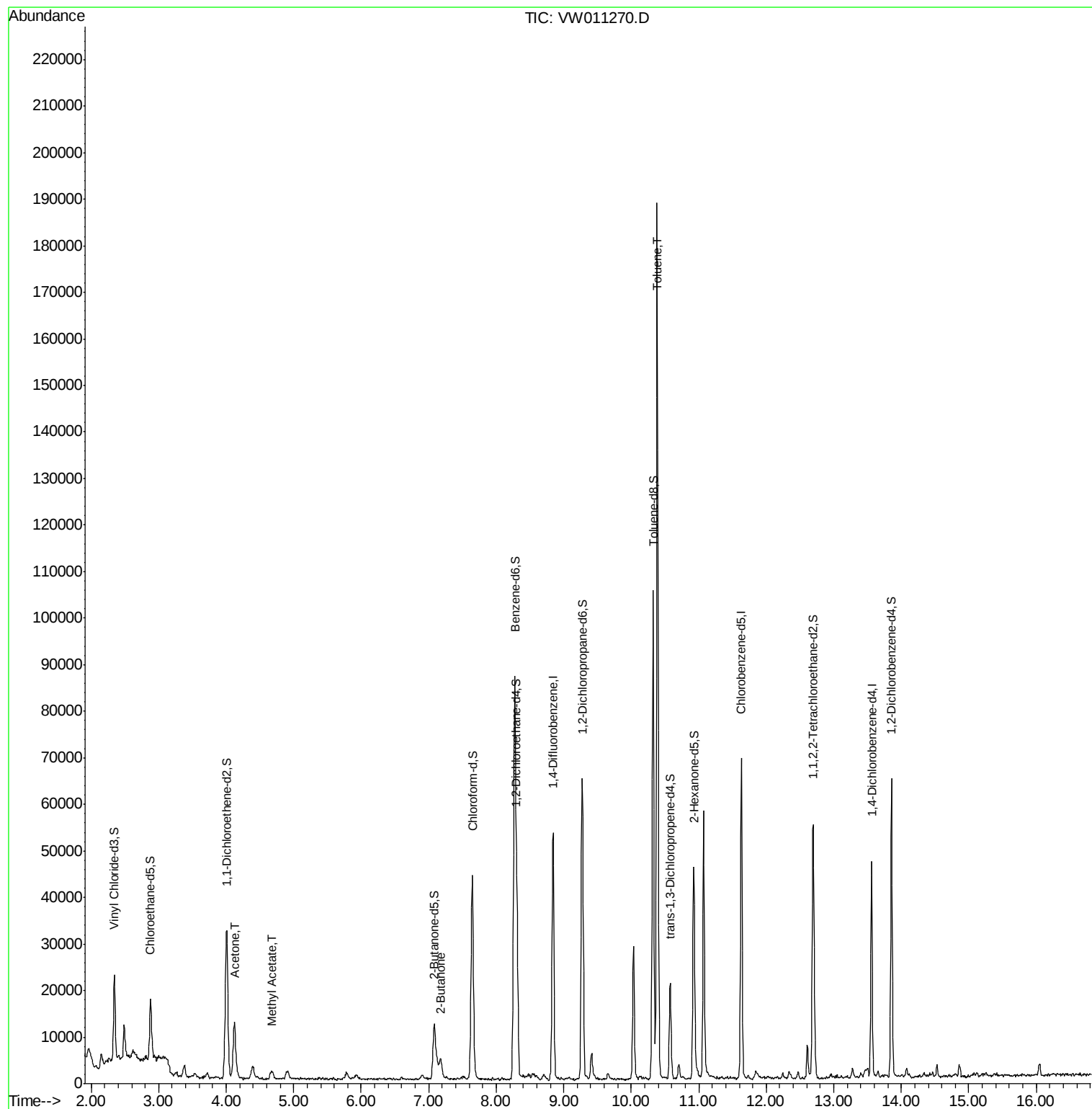
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
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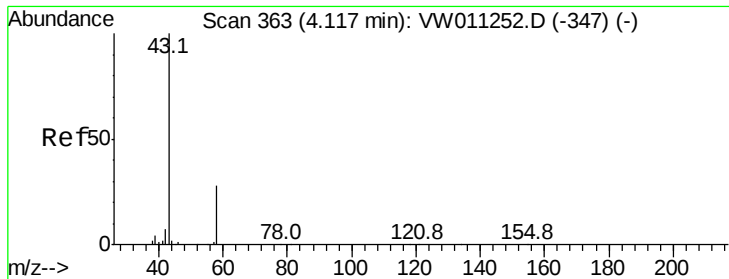
Instrument :
MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 93.122 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011270.D

Acq: 15 Jul 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

A52H4

Tot Ion: 43 Resp: 22686

Ion Ratio Lower Upper

43 100

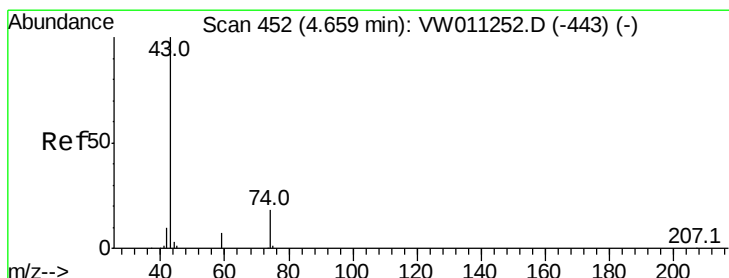
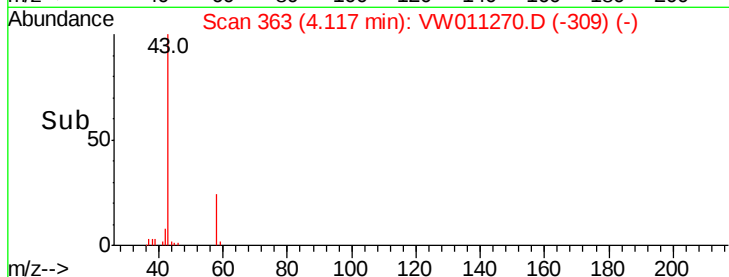
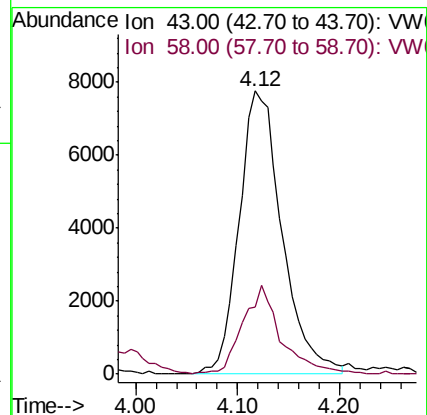
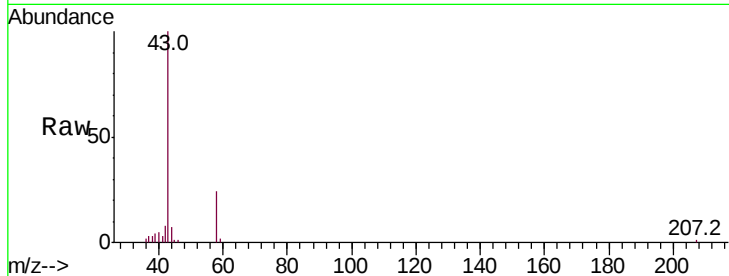
58 28.3 0.0 55.0

Manual Integrations

APPROVED

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7/18/2019 7:53:40 AM



#15

Methyl Acetate

Concen: 10.045 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011270.D

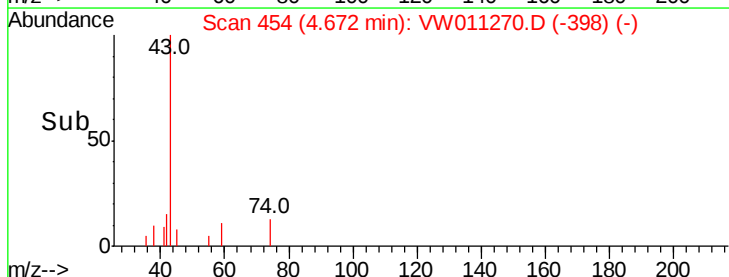
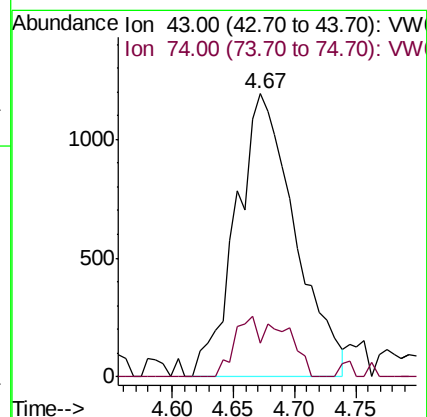
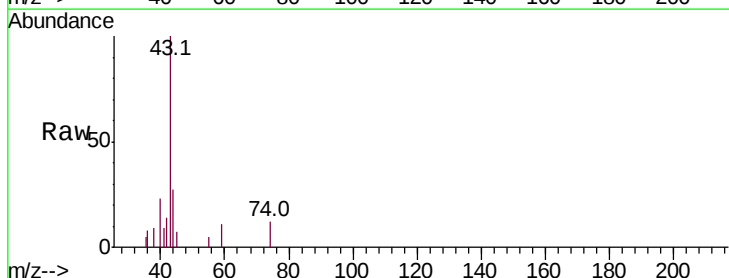
Acq: 15 Jul 2019 19:18

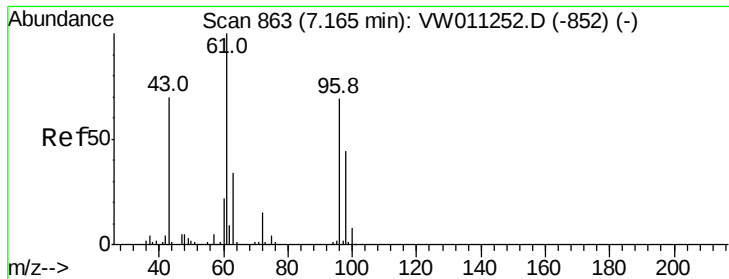
Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

43 100

74 1.9 15.1 22.7#





#21

2-Butanone

Concen: 23.975 ug/L m

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011270.D

Acq: 15 Jul 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

A52H4

Tot Ion: 43 Resp: 7540

Ion Ratio Lower Upper

43 100

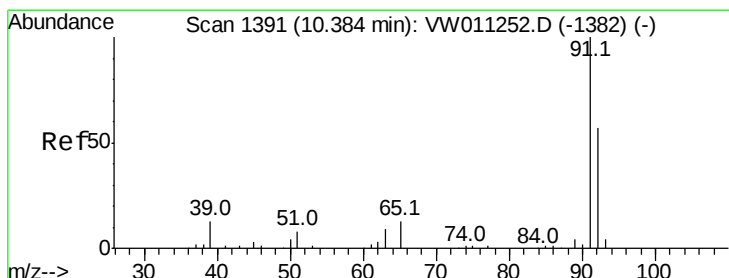
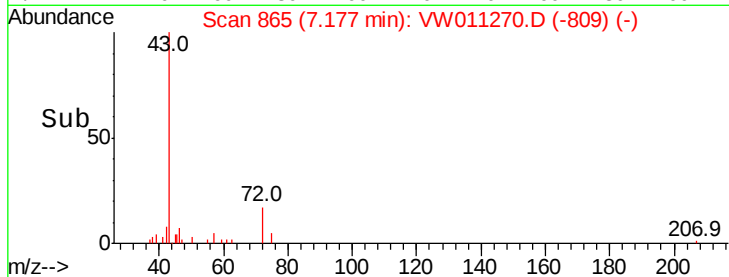
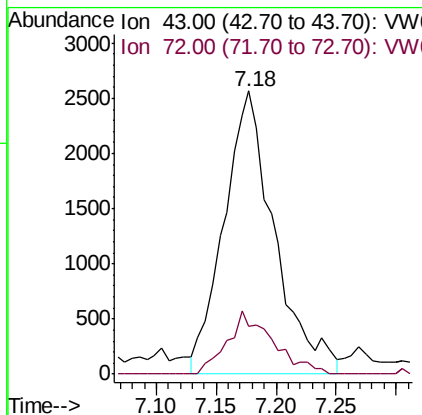
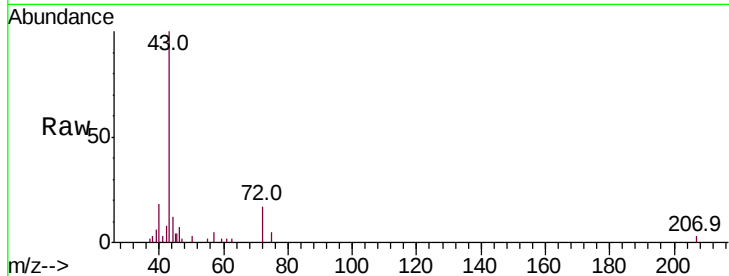
72 0.4 11.2 33.6#

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#44

Toluene

Concen: 56.202 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011270.D

Acq: 15 Jul 2019 19:18

Tgt Ion: 91 Resp: 131898

Ion Ratio Lower Upper

91 100

92 56.1 40.8 75.8

