

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010930.D
 Acq On : 24 Jun 2019 15:03
 Operator : SY/VA
 Sample : K3497-02
 Misc : 4.7G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM07

Quant Time: Jun 25 02:38:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 11:05:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349834	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96432	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109014	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
7) Chloroethane-d5	2.89	69	80906	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
10) 1,1-Dichloroethene-d2	4.02	63	182993	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	7.07	46	112485	52.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.64%
24) Chloroform-d	7.65	84	223597	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	8.30	65	144566	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	8.27	84	456344	27.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.72%
33) 1,2-Dichloropropane-d6	9.27	67	153497	28.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.72%
37) Toluene-d8	10.32	98	385728	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.58	79	62808	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.24%
39) 2-Hexanone-d5	10.93	63	78758	64.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114081	25.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	85793	23.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.28%

Target Compounds

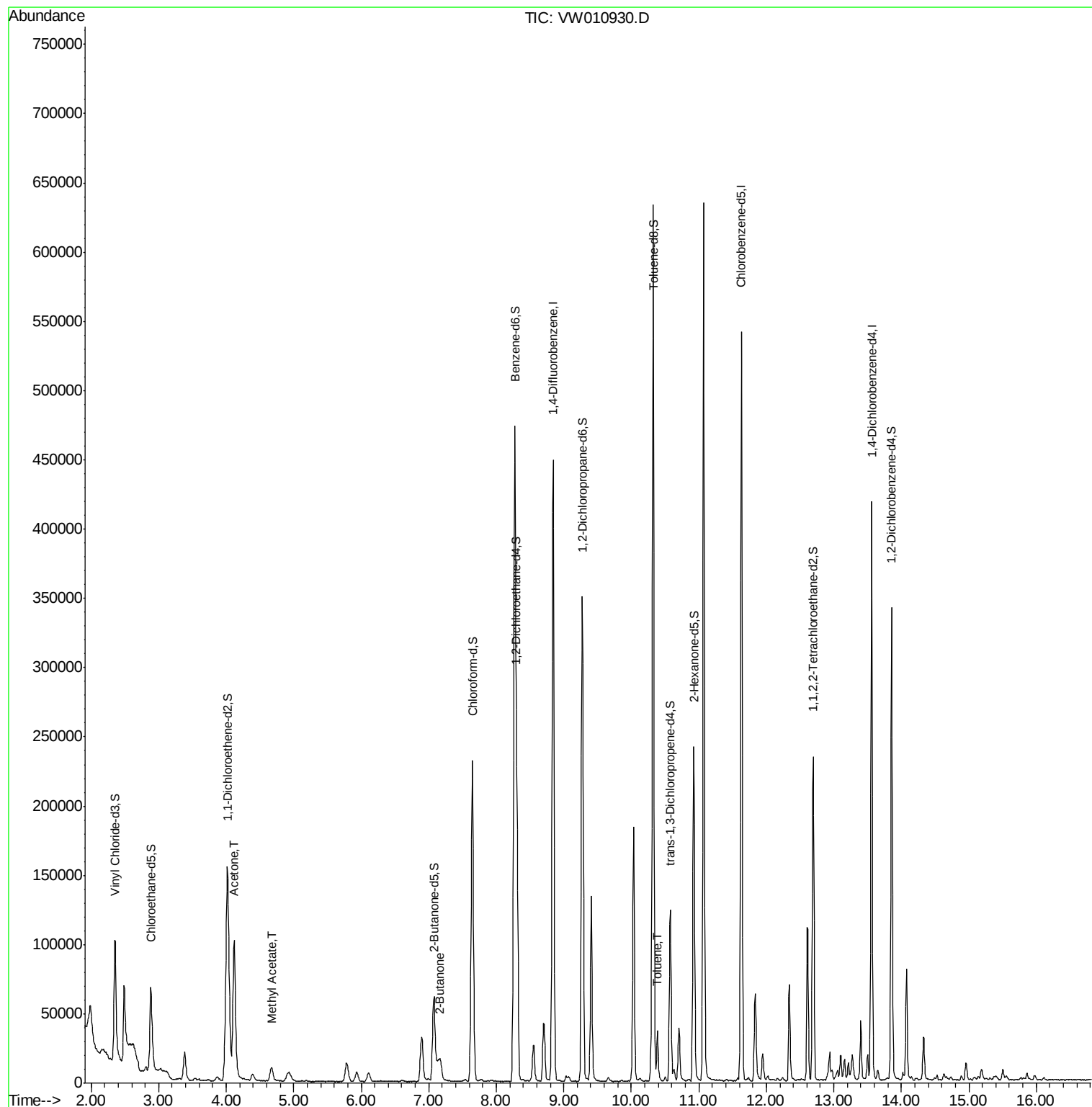
					Ovalue
13) Acetone	4.12	43	178381	87.474 ug/L	96
15) Methyl Acetate	4.67	43	20270	5.742 ug/L	98
21) 2-Butanone	7.17	43	22144	8.257 ug/L	99
44) Toluene	10.39	91	23684	1.255 ug/L	100

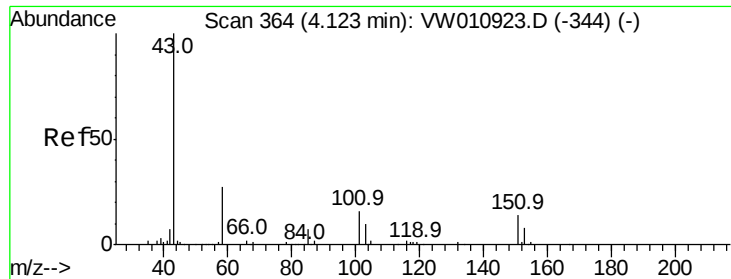
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 87.474 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010930.D

Acq: 24 Jun 2019 15:03

Instrument :

MSVOA_W

ClientSampled :

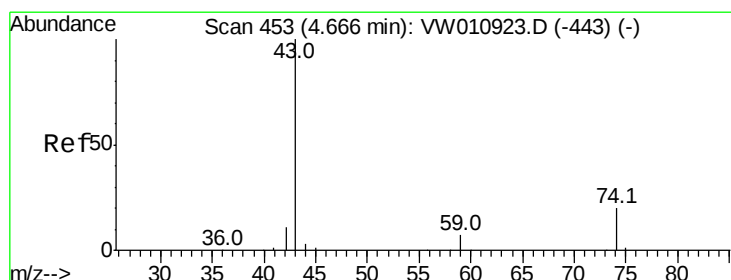
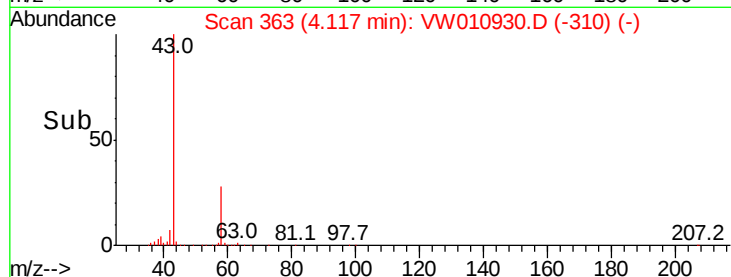
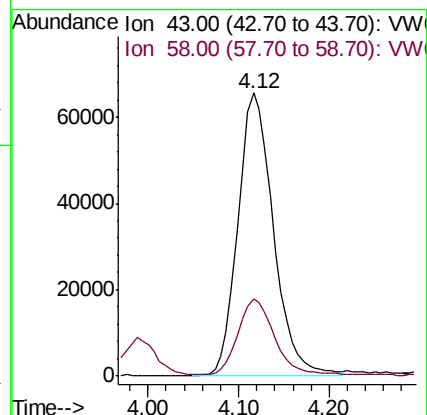
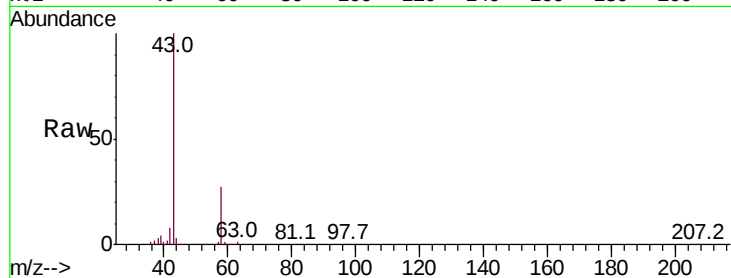
GAM07

Tot Ion: 43 Resp: 178381

Ion Ratio Lower Upper

43 100

58 28.5 0.0 53.2



#15

Methyl Acetate

Concen: 5.742 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010930.D

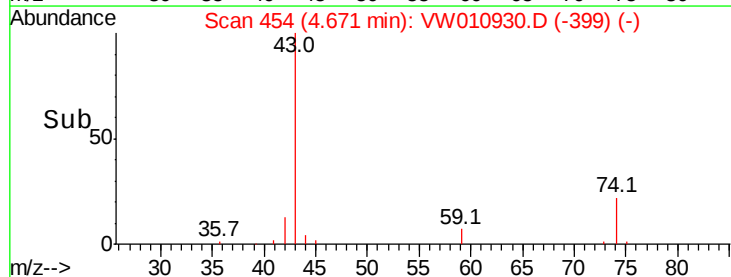
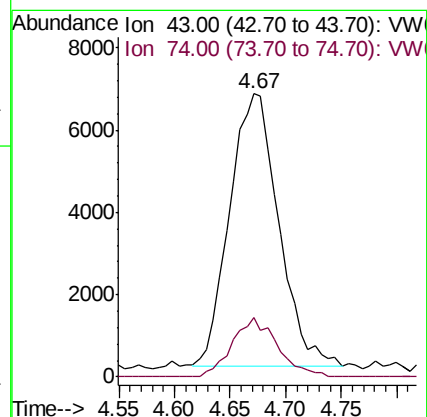
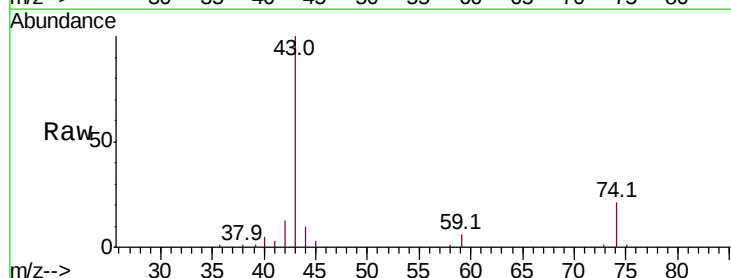
Acq: 24 Jun 2019 15:03

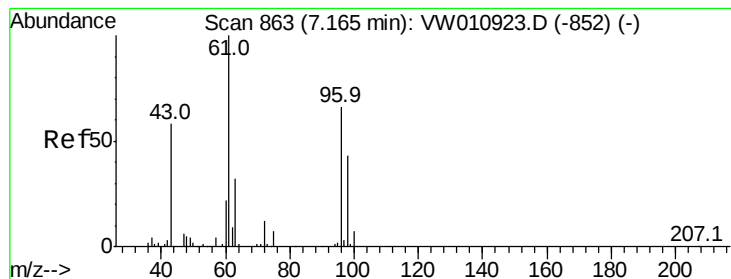
Tgt Ion: 43 Resp: 20270

Ion Ratio Lower Upper

43 100

74 20.0 15.3 22.9





#21

2-Butanone

Concen: 8.257 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW010930.D

Acq: 24 Jun 2019 15:03

Instrument :

MSVOA_W

ClientSampled :

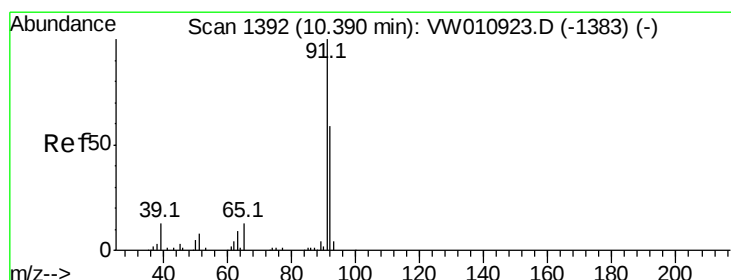
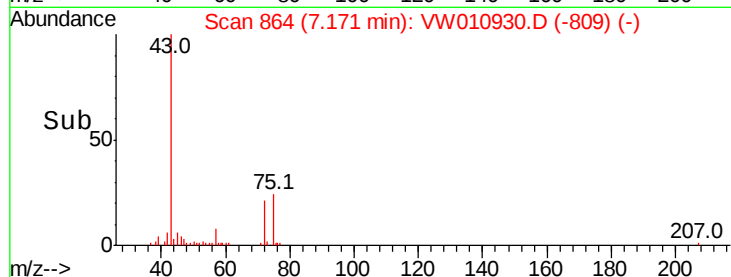
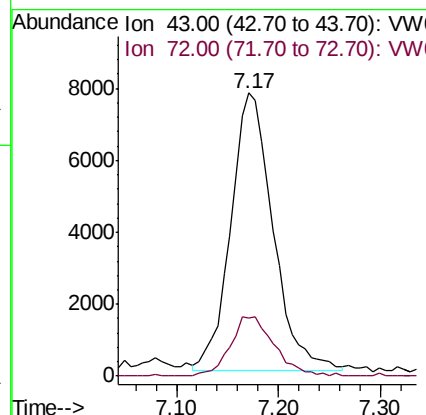
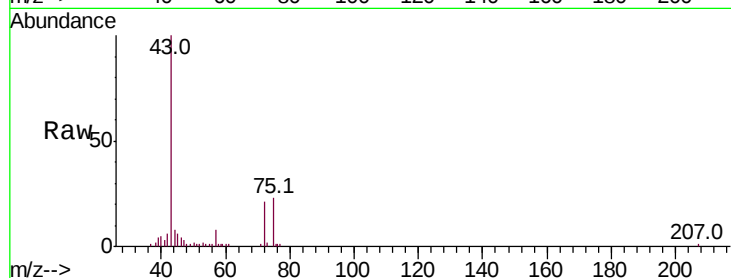
GAM07

Tot Ion: 43 Resp: 22144

Ion Ratio Lower Upper

43 100

72 22.2 10.9 32.6



#44

Toluene

Concen: 1.255 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010930.D

Acq: 24 Jun 2019 15:03

Tgt Ion: 91 Resp: 23684

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4

