

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010929.D
 Acq On : 24 Jun 2019 14:36
 Operator : SY/VA
 Sample : K3497-01
 Misc : 2.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM06

Quant Time: Jun 25 02:35:31 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	387206	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117597	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	2.89	69	90950	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
10) 1,1-Dichloroethene-d2	4.02	63	199437	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.07	46	110998	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
24) Chloroform-d	7.65	84	242111	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	151425	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	498026	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.27	67	165399	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.32	98	439186	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	66659	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	10.93	63	75933	52.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122110	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	118761	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

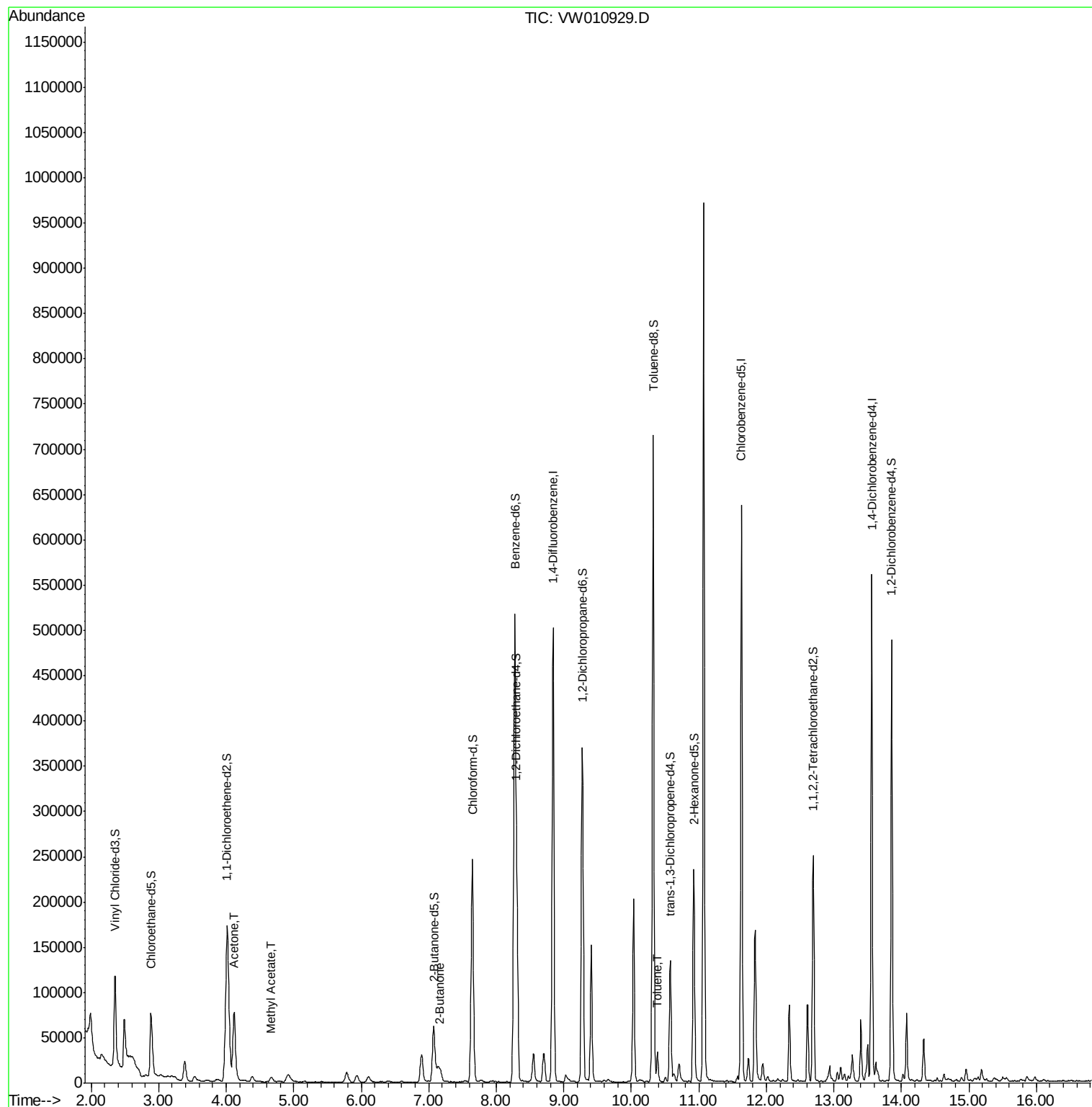
					Ovalue
13) Acetone	4.12	43	136292	60.384	ug/L 97
15) Methyl Acetate	4.67	43	9566	2.448	ug/L 96
21) 2-Butanone	7.17	43	19433	6.547	ug/L 98
44) Toluene	10.39	91	22297	0.995	ug/L 97

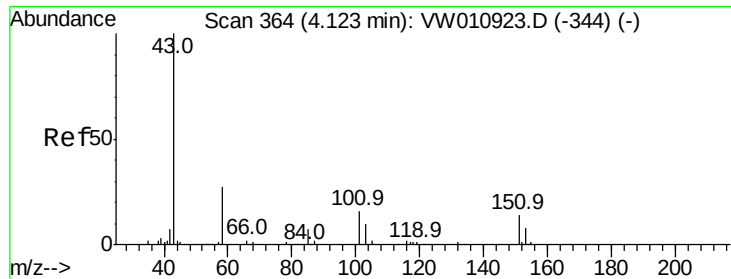
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 60.384 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010929.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_W

ClientSampled :

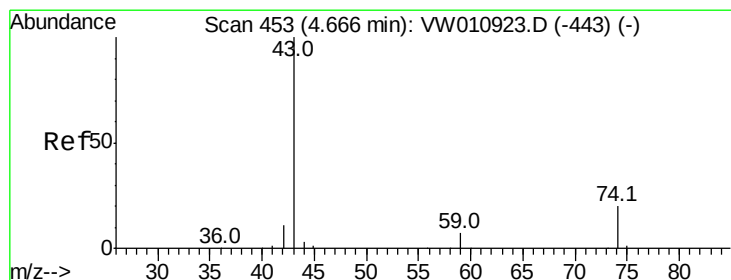
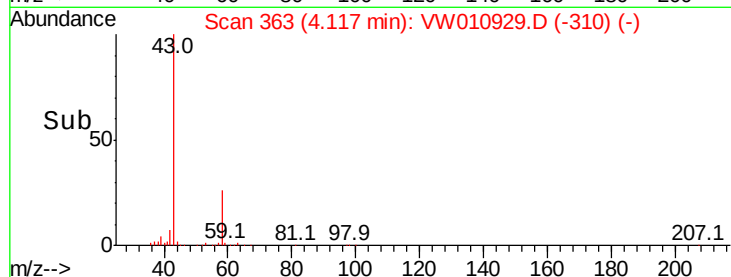
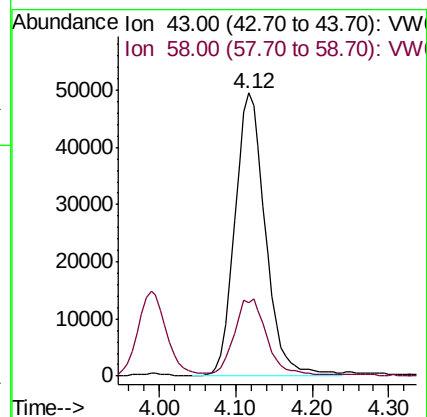
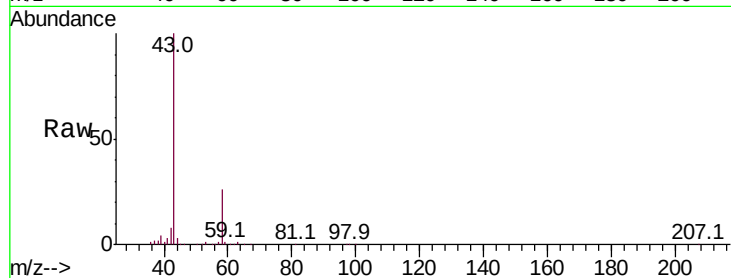
GAM06

Tot Ion: 43 Resp: 136292

Ion Ratio Lower Upper

43 100

58 28.2 0.0 53.2



#15

Methyl Acetate

Concen: 2.448 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010929.D

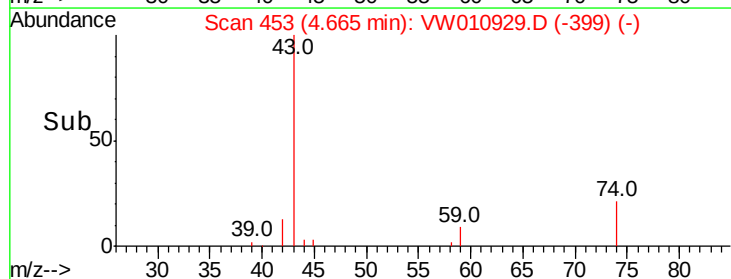
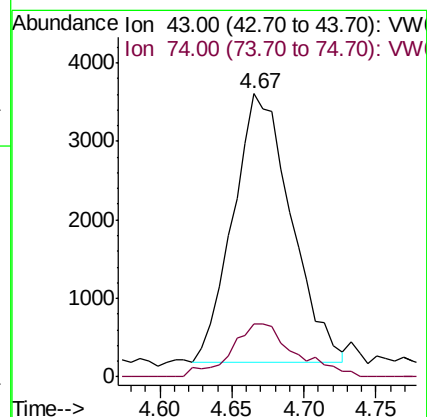
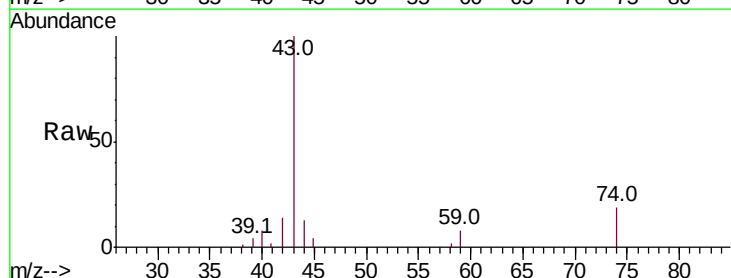
Acq: 24 Jun 2019 14:36

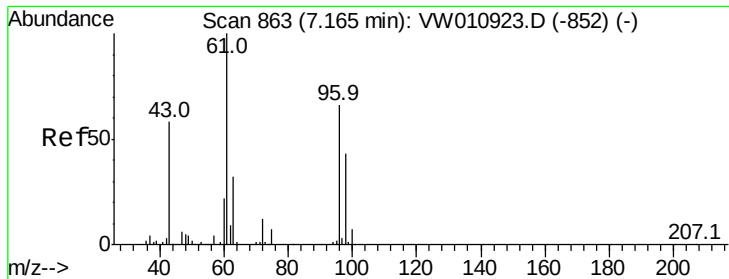
Tgt Ion: 43 Resp: 9566

Ion Ratio Lower Upper

43 100

74 21.0 15.3 22.9





#21

2-Butanone

Concen: 6.547 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW010929.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_W

ClientSampled :

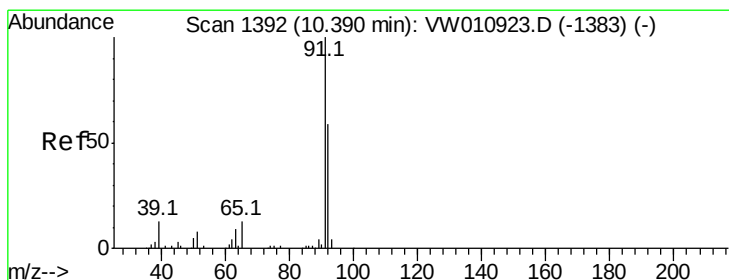
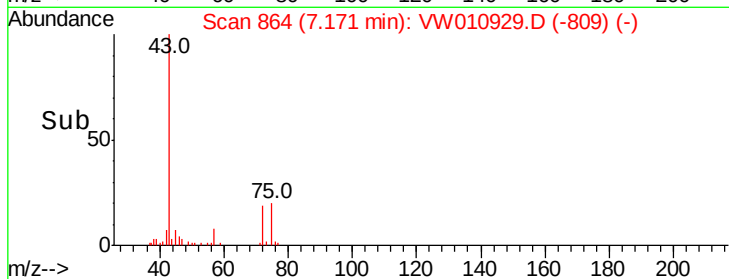
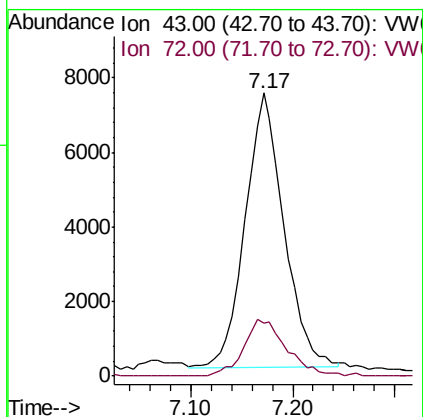
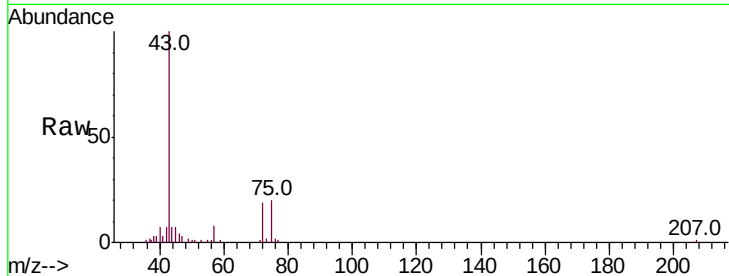
GAM06

Tot Ion: 43 Resp: 19433

Ion Ratio Lower Upper

43 100

72 22.5 10.9 32.6



#44

Toluene

Concen: 0.995 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010929.D

Acq: 24 Jun 2019 14:36

Tgt Ion: 91 Resp: 22297

Ion Ratio Lower Upper

91 100

92 56.3 41.2 76.4

