

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011316.D
 Acq On : 17 Jul 2019 20:03
 Operator : SY/VA
 Sample : K3798-19
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:48 AM

Quant Time: Jul 18 06:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287187	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65017	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
7) Chloroethane-d5	2.89	69	55112	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
10) 1,1-Dichloroethene-d2	4.01	63	125405	12.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.80%
20) 2-Butanone-d5	7.07	46	101772	54.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.66%
24) Chloroform-d	7.65	84	183789	21.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	8.30	65	121937	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	357112	20.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.72%
33) 1,2-Dichloropropane-d6	9.27	67	130426	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.32	98	305060	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.40%
38) trans-1,3-Dichloropropene-	10.58	79	47003	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.76%
39) 2-Hexanone-d5	10.93	63	68384	51.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121035	25.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	107804	22.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	34399	18.800 ug/L	98
15) Methyl Acetate	4.67	43	8026	2.696 ug/L #	74
21) 2-Butanone	7.17	43	6466m	2.737 ug/L	

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

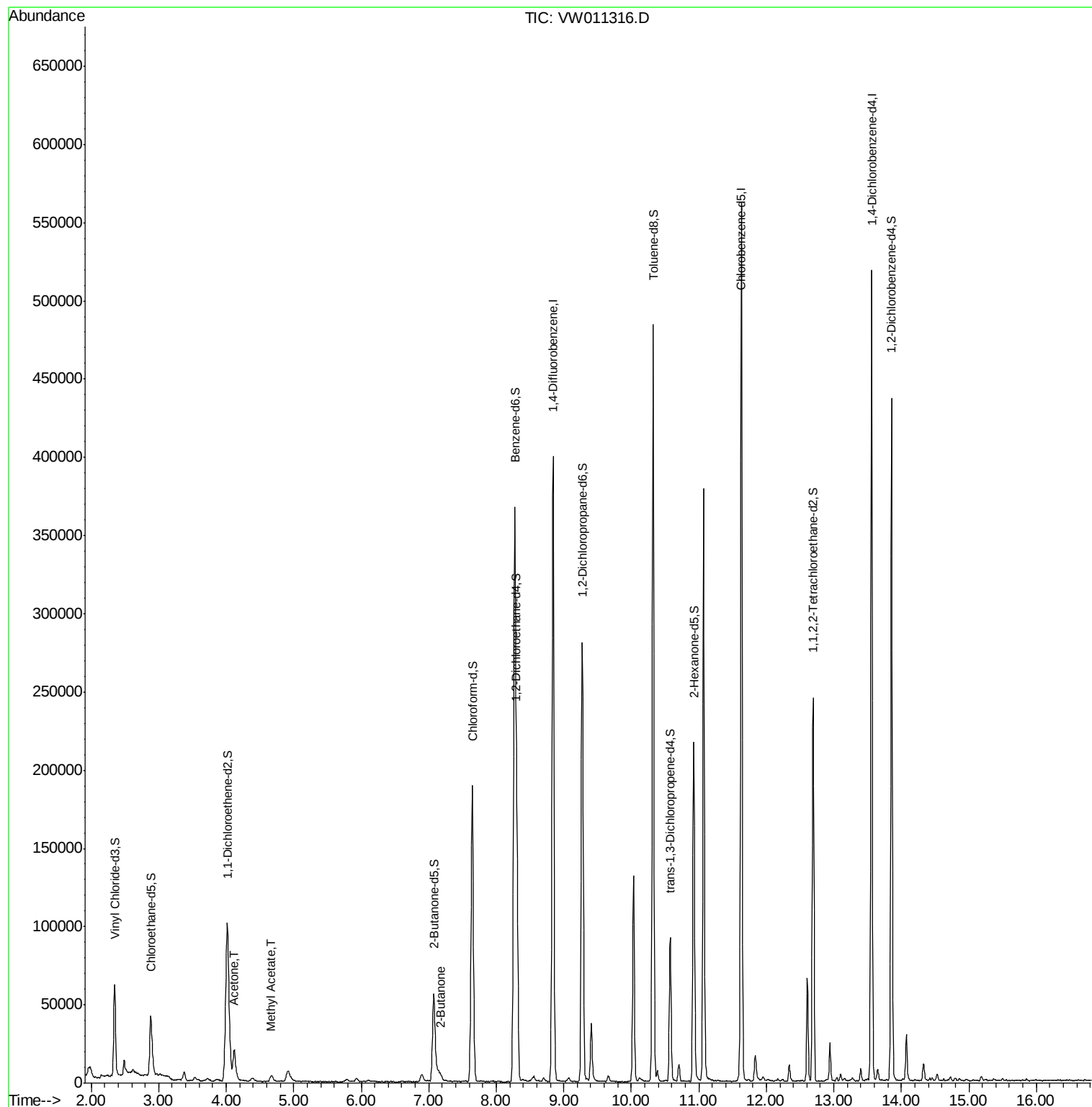
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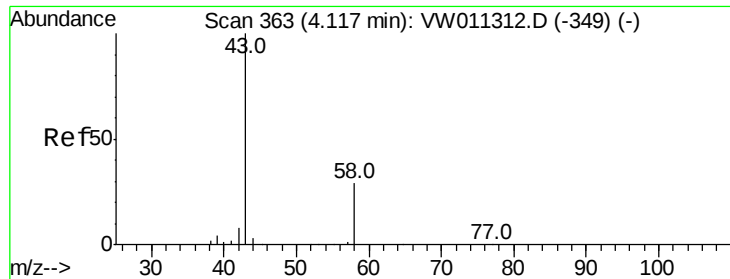
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#13

Acetone

Concen: 18.800 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011316.D

Acq: 17 Jul 2019 20:03

Instrument :

MSVOA_W

ClientSampleId :

A52H1

Tot Ion: 43 Resp: 34399

Ion Ratio Lower Upper

43 100

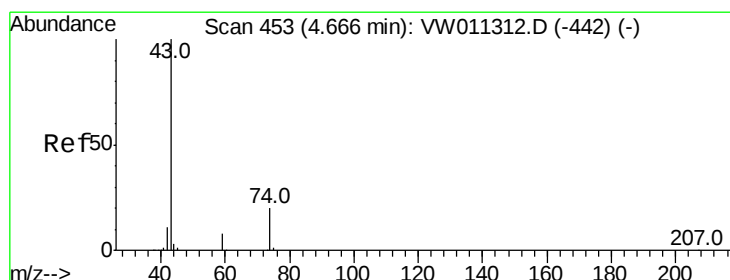
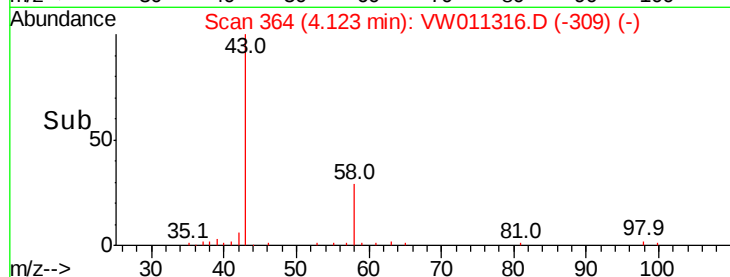
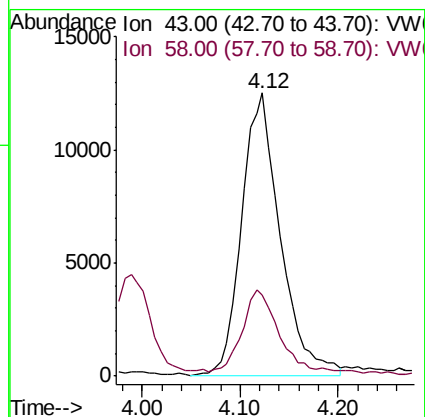
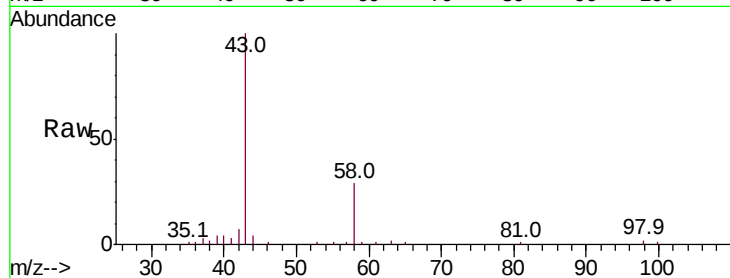
58 26.6 0.0 55.0

Manual Integrations

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#15

Methyl Acetate

Concen: 2.696 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011316.D

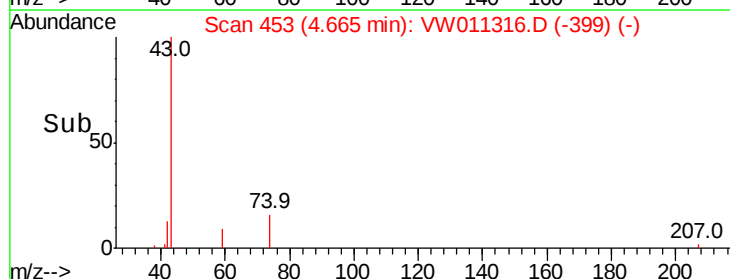
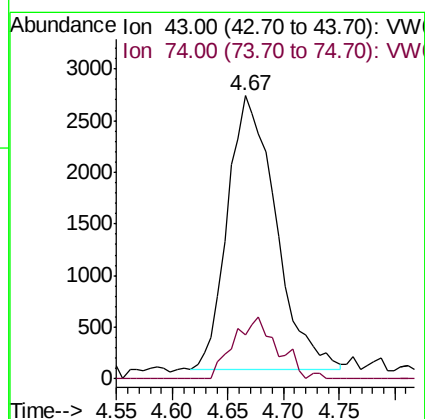
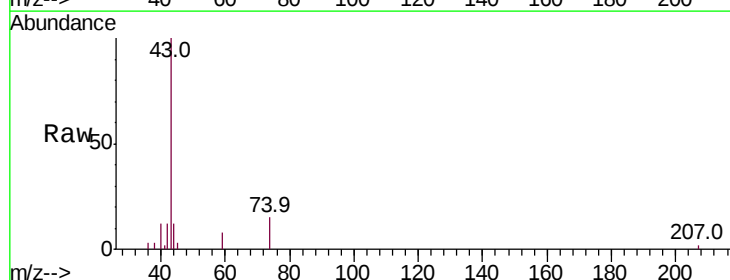
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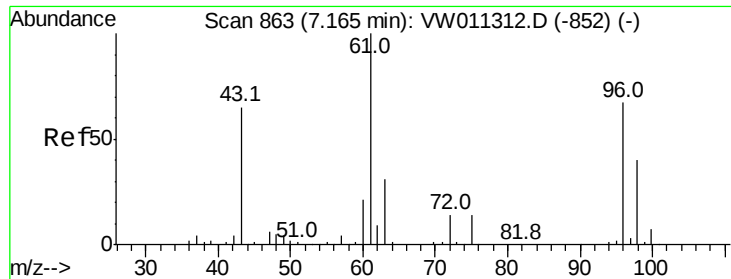
Tgt Ion: 43 Resp: 8026

Ion Ratio Lower Upper

43 100

74 7.3 15.1 22.7#





#21
 2-Butanone
 Concen: 2.737 ug/L m
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW011316.D
 Acq: 17 Jul 2019 20:03

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H1

Tot Ion: 43 Resp: 6466
 Ion Ratio Lower Upper
 43 100
 72 14.3 11.2 33.6

Manual Integrations
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