

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010132.D
 Acq On : 25 Apr 2019 08:05
 Operator : SY/VA
 Sample : K2497-05
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHY1

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:36:42 AM

Quant Time: Apr 26 15:29:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 09:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	146660	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	184581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77756	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8030	5.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.92%#
7) Chloroethane-d5	2.89	69	15647	13.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.04%
10) 1,1-Dichloroethene-d2	4.00	63	24435	5.94	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.76%#
20) 2-Butanone-d5	7.09	46	52219	78.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.76%#
24) Chloroform-d	7.65	84	114484	29.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.28%
26) 1,2-Dichloroethane-d4	8.31	65	89442	39.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.68%#
29) Benzene-d6	8.27	84	186741	17.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.44%
33) 1,2-Dichloropropane-d6	9.27	67	87402	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.28%
37) Toluene-d8	10.32	98	150853	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.56%
38) trans-1,3-Dichloropropene-	10.58	79	31459	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.80%
39) 2-Hexanone-d5	10.93	63	33779	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84385	31.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	76768	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	4632	9.271 ug/L	92
15) Methyl Acetate	4.67	43	9651m	8.164 ug/L	
16) Methylene chloride	4.89	84	7256m	3.530 ug/L	
44) Toluene	10.39	91	28796	2.423 ug/L	97

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

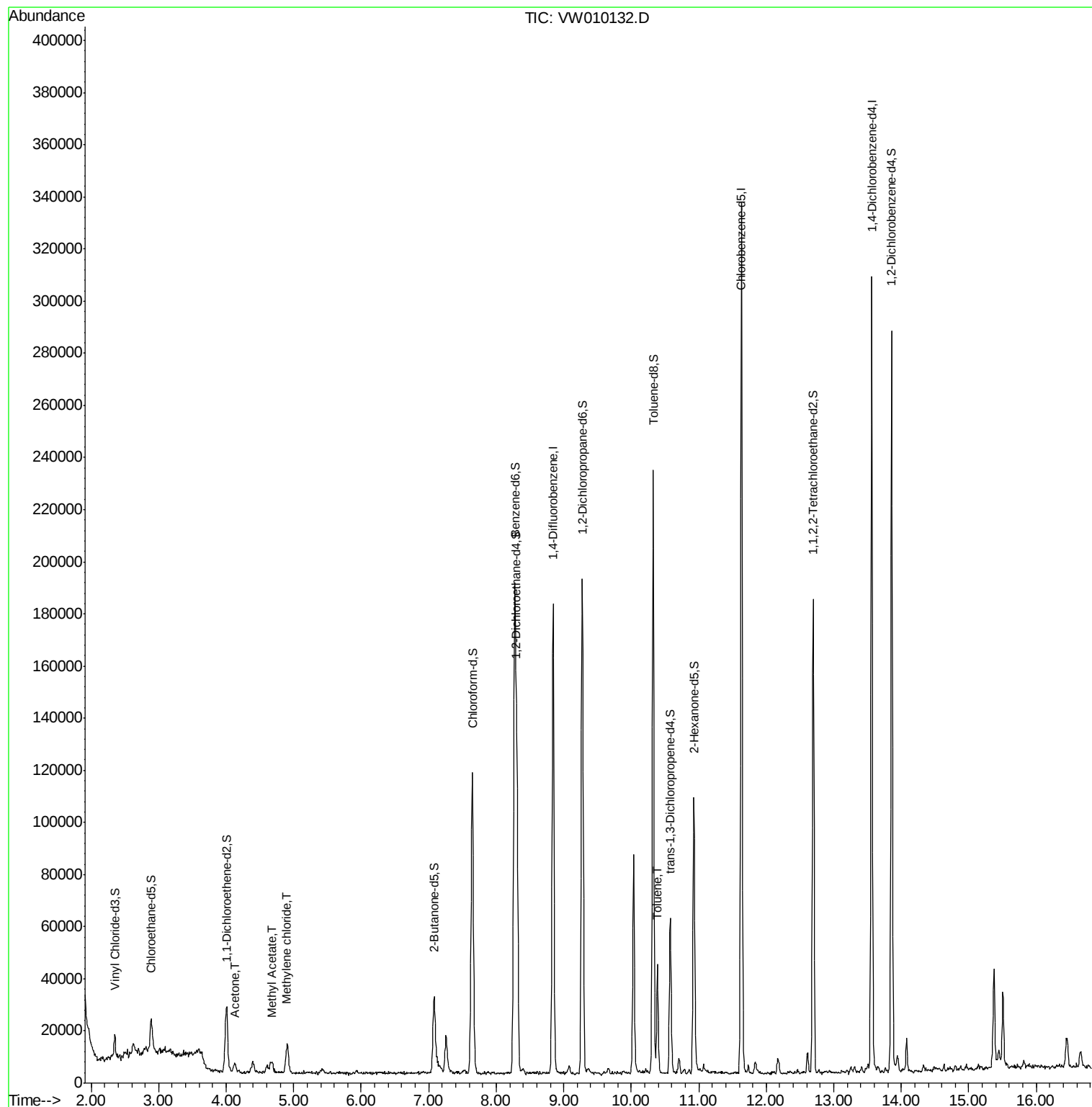
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
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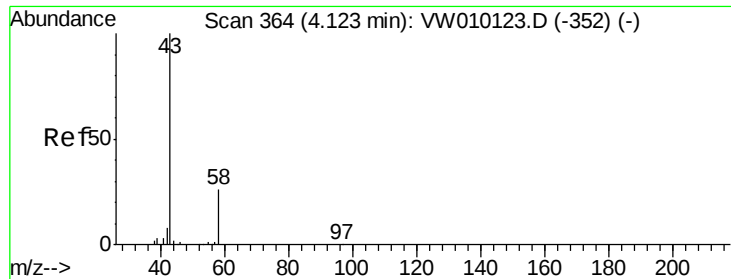
Instrument :
MSVOA_W
ClientSampleId :
GAHY1

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Quant Title : VOC Analysis
QLast Update : Thu Apr 25 09:08:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.271 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010132.D

Acq: 25 Apr 2019 08:05

Instrument :

MSVOA_W

ClientSampleId :

GAHY1

Tot Ion: 43 Resp: 4632

Ion Ratio Lower Upper

43 100

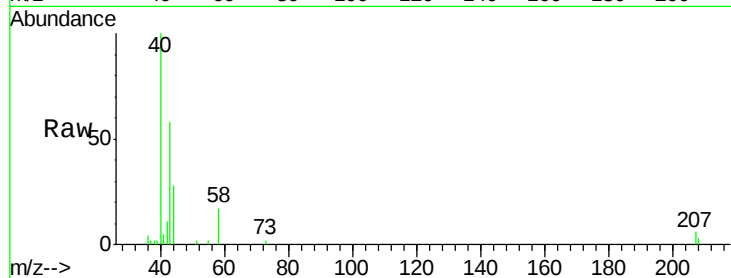
58 24.7 0.0 58.2

Manual Integrations

APPROVED

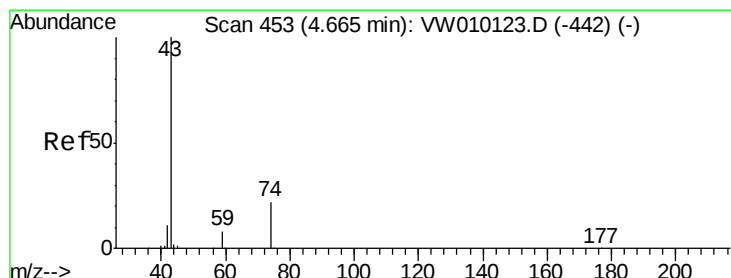
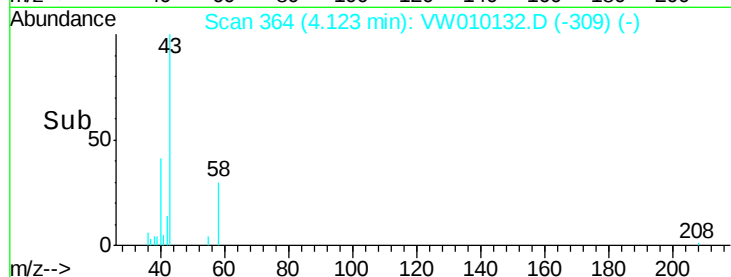
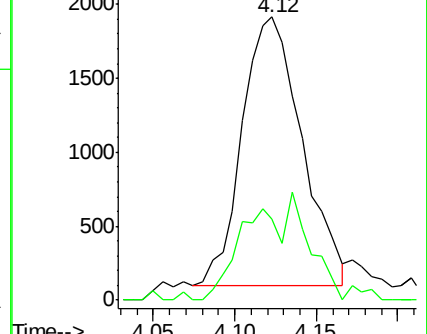
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4/30/2019 12:36:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 8.164 ug/L m

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010132.D

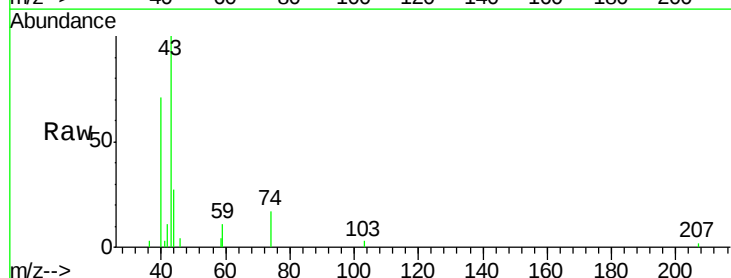
Acq: 25 Apr 2019 08:05

Tgt Ion: 43 Resp: 9651

Ion Ratio Lower Upper

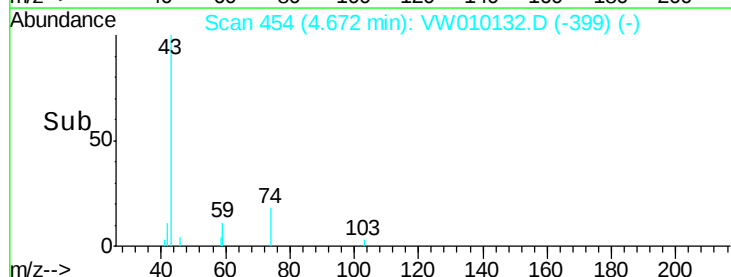
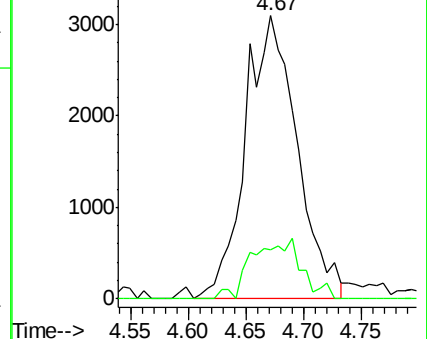
43 100

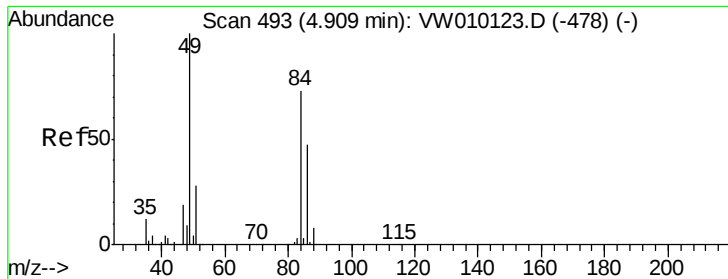
74 13.3 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





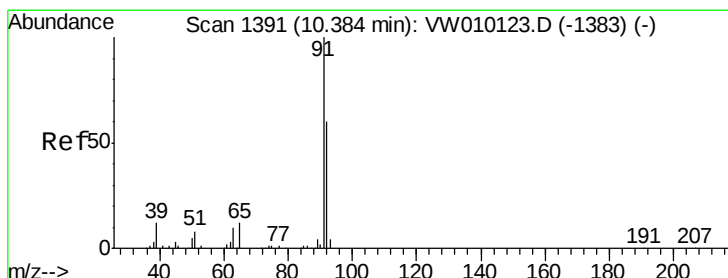
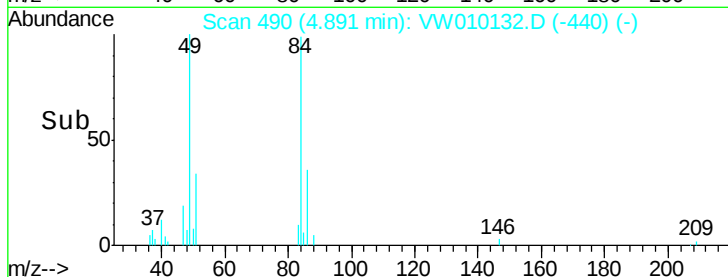
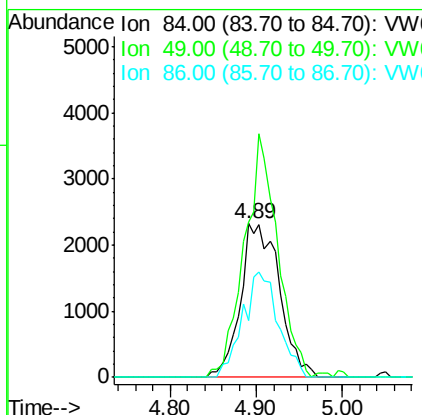
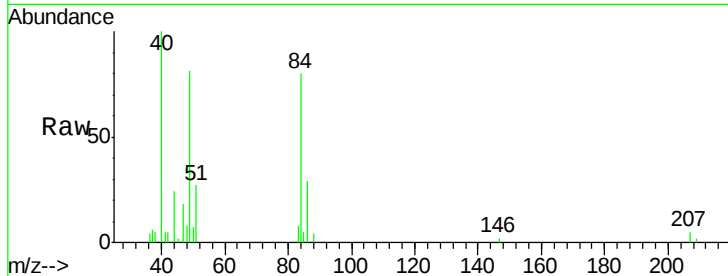
#16
Methvlene chloride
Concen: 3.530 ug/L m
RT: 4.89 min Scan# 490
Delta R.T. -0.02 min
Lab File: VW010132.D
Acq: 25 Apr 2019 08:05

Instrument :
MSVOA_W
ClientSampleId :
GAHY1

Tot Ion	Ratio	Lower	Upper
84	100		
49	101.0	93.5	173.7
86	36.6	44.9	83.5#

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#44
Toluene
Concen: 2.423 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010132.D
Acq: 25 Apr 2019 08:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.3	74.9

