

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003351.D
 Acq On : 20 Jun 2018 14:40
 Operator : SY/AP
 Sample : J3568-07
 Misc : 2.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXS0

Manual Integrations
 APPROVED

MMDadoda
 6/22/2018 4:55:59 PM

Quant Time: Jun 21 04:31:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 04:12:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	104044	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	103979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	37585	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28820	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	27851	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.00	63	48399	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	7.09	46	4806	10.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.62%
24) Chloroform-d	7.65	84	81760	29.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.48%
26) 1,2-Dichloroethane-d4	8.31	65	57809m	35.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.20%#
29) Benzene-d6	8.28	84	138232	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.28	67	53525	30.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.60%#
37) Toluene-d8	10.33	98	126120	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.64%
38) trans-1,3-Dichloropropene-	10.58	79	19529	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	4725	13.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	49029	30.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.68%#
61) 1,2-Dichlorobenzene-d4	13.87	152	39692	27.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.84%

Target Compounds					Ovalue
13) Acetone	4.14	43	6029	12.72	ug/L 73
15) Methyl Acetate	4.67	43	2673m	3.44	ug/L
16) Methylene chloride	4.92	84	4175m	2.91	ug/L
21) 2-Butanone	7.15	43	11831m	21.24	ug/L

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

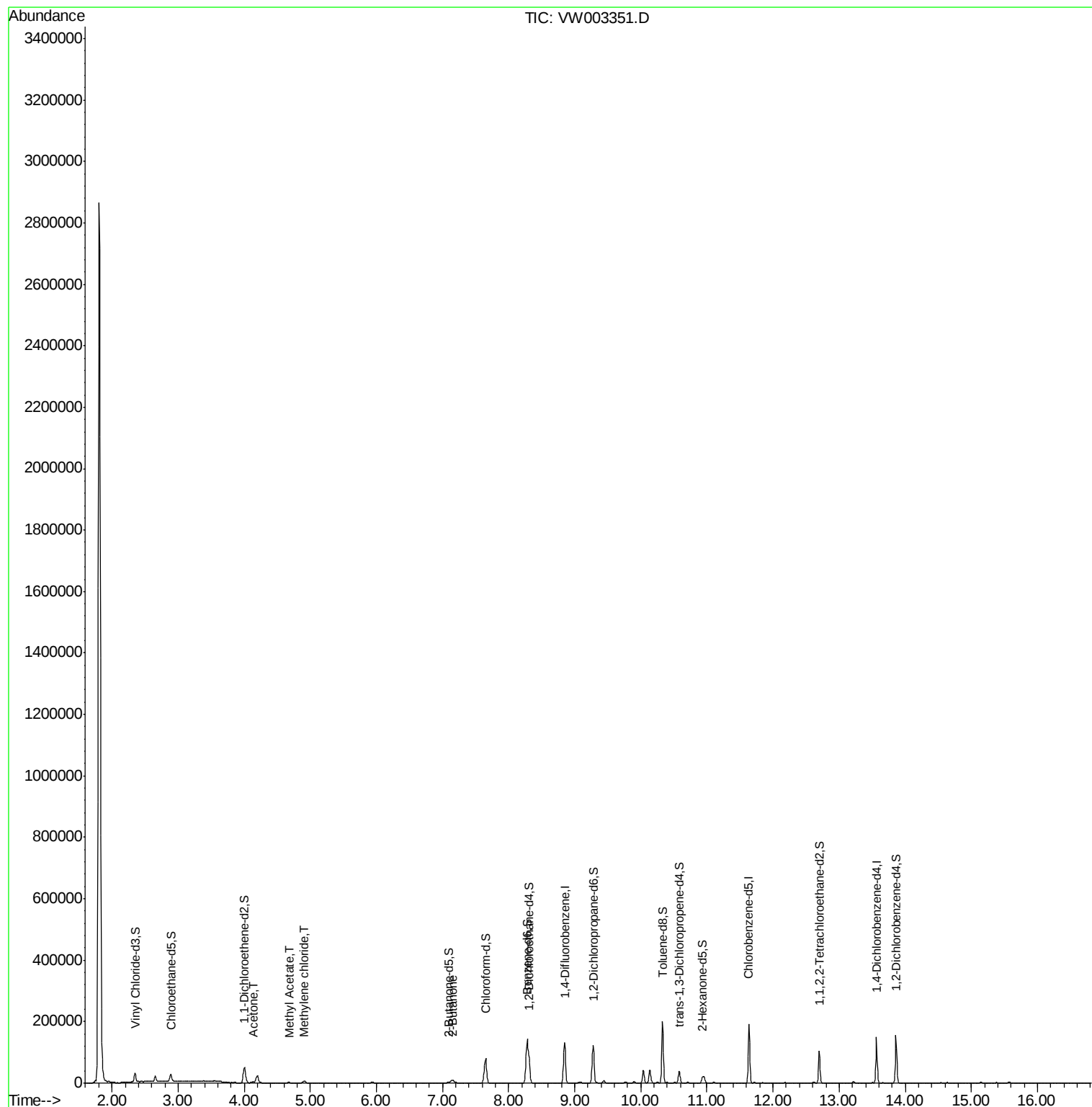
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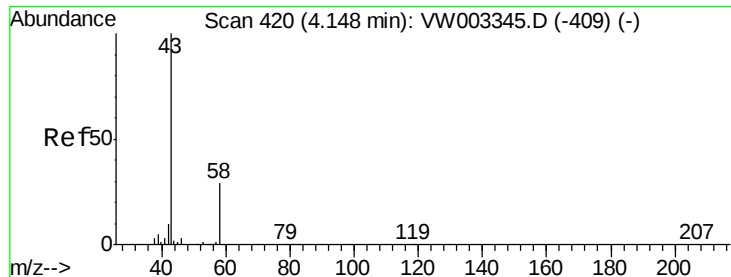
Instrument :
MSVOA_W
ClientSampleId :
DAXS0

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Quant Time: Jun 21 04:31:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 21 04:12:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.72 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003351.D

Acq: 20 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampled :

DAXS0

Tot Ion: 43 Resp: 6029

Ion Ratio Lower Upper

43 100

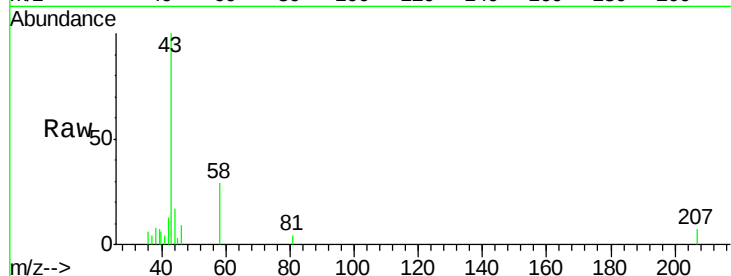
58 14.8 0.0 58.6

Manual Integrations

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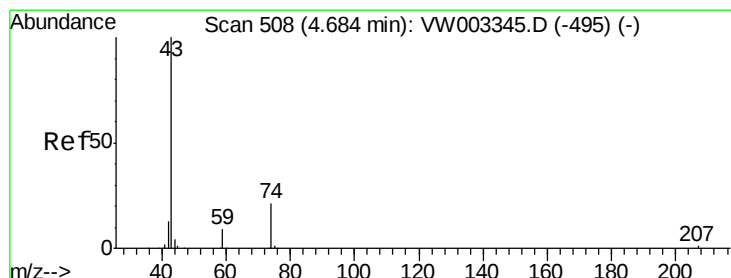
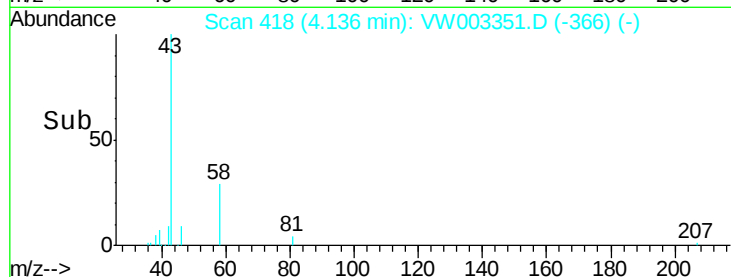
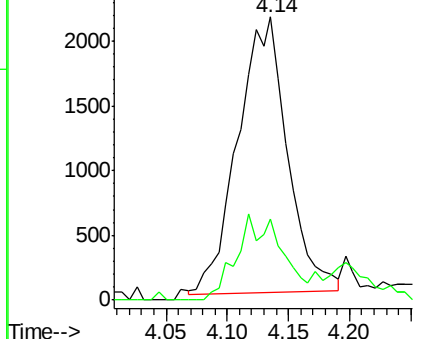
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 3.44 ug/L m

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003351.D

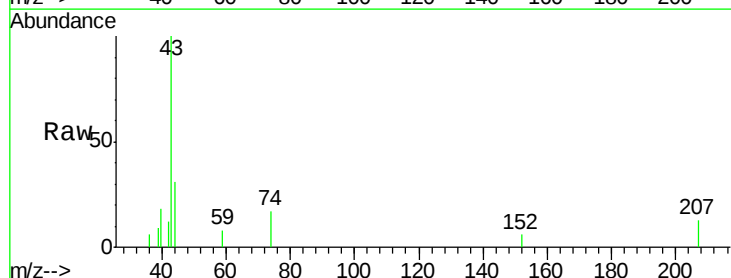
Acq: 20 Jun 2018 14:40

Tgt Ion: 43 Resp: 2673

Ion Ratio Lower Upper

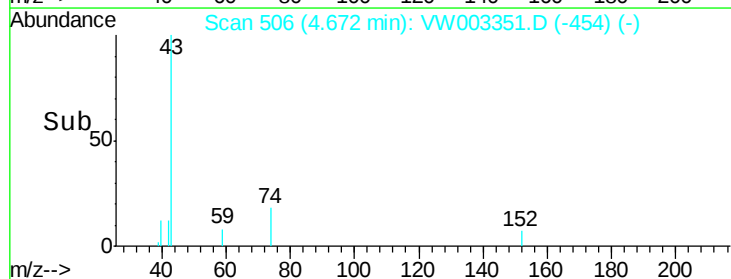
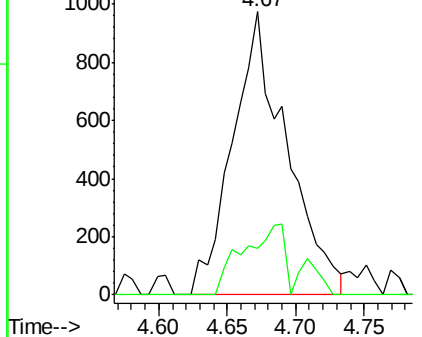
43 100

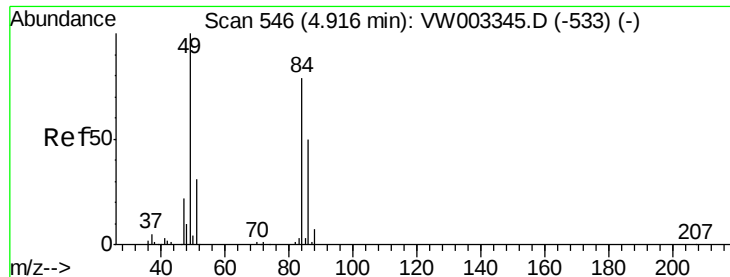
74 19.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





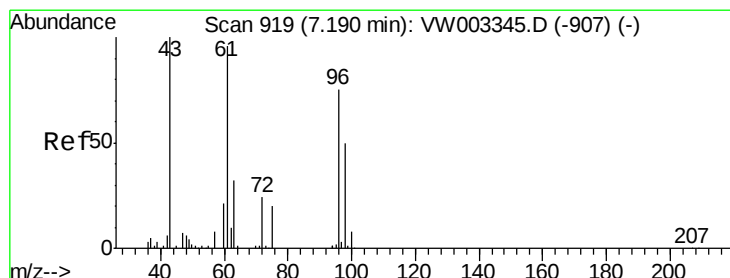
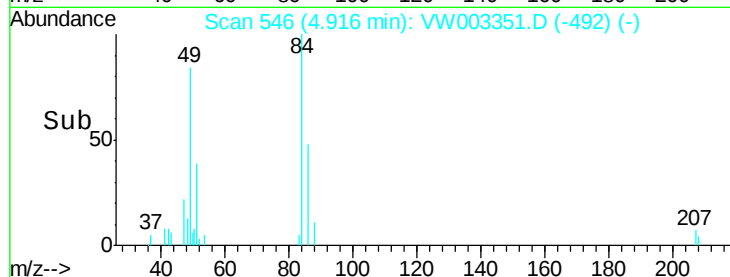
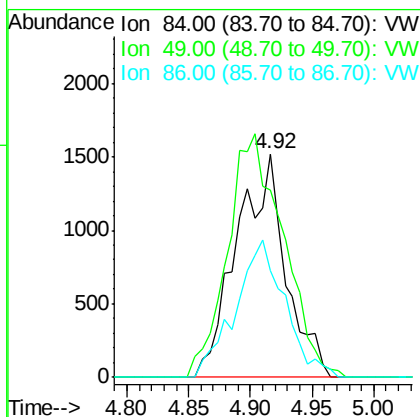
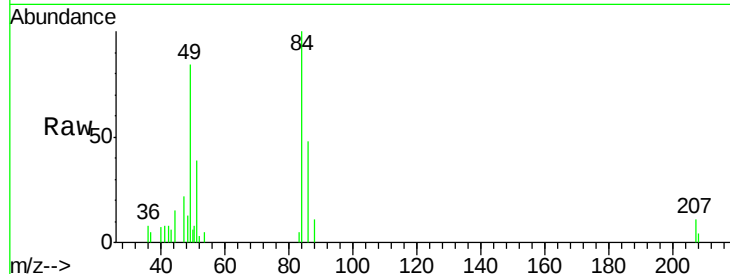
#16
Methvlene chloride
Concen: 2.91 ug/L m
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW003351.D
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Instrument :
MSVOA_W
ClientSampled :
DAXS0

Tot Ion	84	Resp	4175
Ion Ratio	Lower	Upper	
84	100		
49	83.9	88.7	164.7#
86	47.5	44.2	82.0

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#21
2-Butanone
Concen: 21.24 ug/L m
RT: 7.15 min Scan# 913
Delta R.T. -0.04 min
Lab File: VW003351.D
Acq: 20 Jun 2018 14:40

Tgt Ion	43	Resp	11831
Ion Ratio	Lower	Upper	
43	100		
72	5.0	12.5	37.5#

