

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040119\
 Data File : VW009627.D
 Acq On : 01 Apr 2019 16:02
 Operator : SY/VA
 Sample : VW0401SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK19

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:30:25 AM

Quant Time: Apr 02 01:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 01:34:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	471933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209960	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105489	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.89	69	111838	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
10) 1,1-Dichloroethene-d2	4.01	63	192049	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	7.07	46	107418	46.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.12%
24) Chloroform-d	7.64	84	297834	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.30	65	183503	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.60%
29) Benzene-d6	8.27	84	531618	21.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.92%
33) 1,2-Dichloropropane-d6	9.27	67	172312	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.72%
37) Toluene-d8	10.32	98	477567	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	10.57	79	75359	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	75449	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162376	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	184181	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds					Ovalue
13) Acetone	4.12	43	6596	3.449 ug/L	84
16) Methylene chloride	4.91	84	10987m	1.596 ug/L	

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

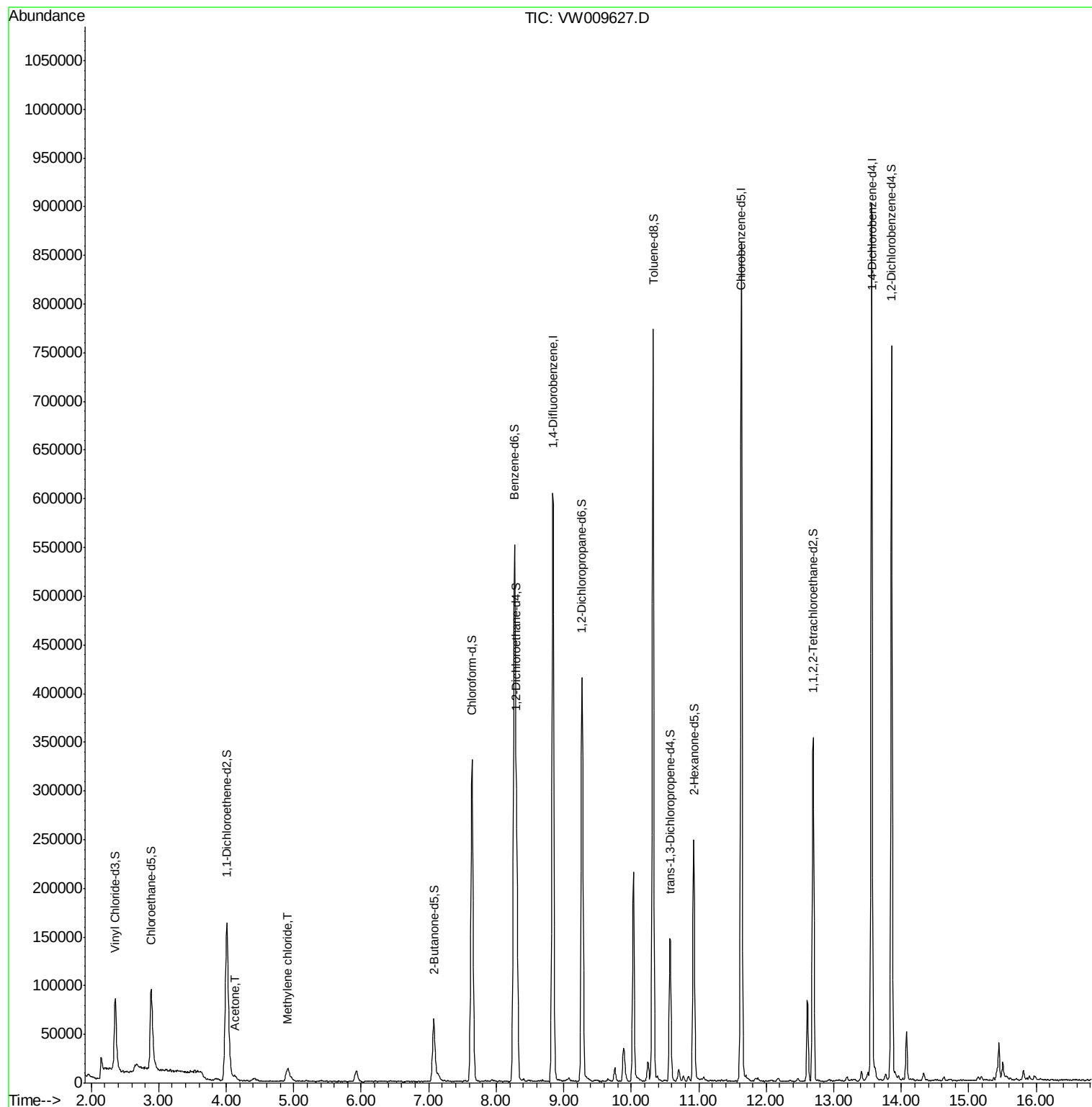
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040119\
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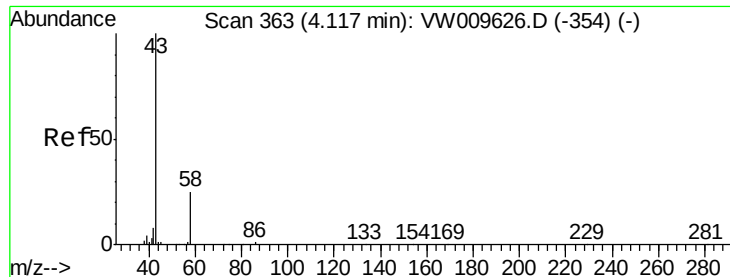
Instrument :
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#13

Acetone

Concen: 3.449 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009627.D

Acq: 01 Apr 2019 16:02

Instrument :

MSVOA_W

ClientSampled :

VBLK19

Tot Ion: 43 Resp: 6596

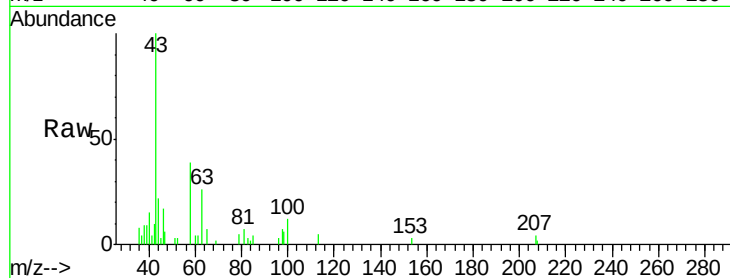
Ion Ratio Lower Upper

43 100

58 19.8 0.0 56.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

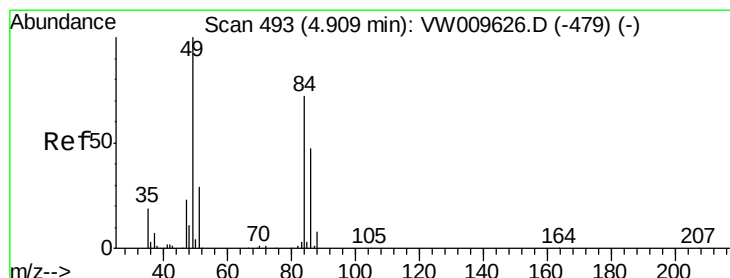
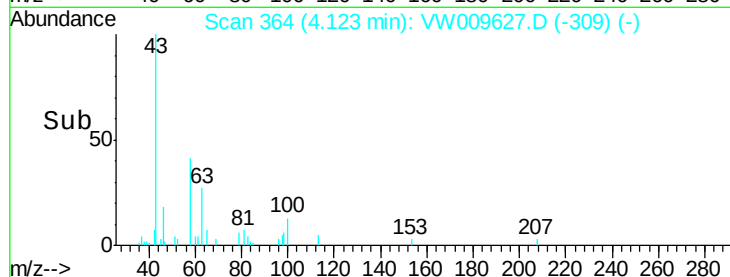
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 1.596 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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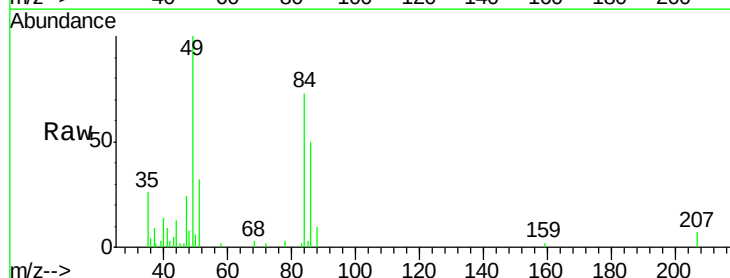
Tgt Ion: 84 Resp: 10987

Ion Ratio Lower Upper

84 100

49 136.8 96.0 178.2

86 69.0 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.91

4000

3000

2000

1000

0

4.80 4.90 5.00

Time-->

