

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009352.D
 Acq On : 22 Mar 2019 16:54
 Operator : SY/VA
 Sample : K2017-19
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:35 AM

Quant Time: Mar 23 01:05:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395963	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115284	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
7) Chloroethane-d5	2.89	69	117440	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.02	63	176186	17.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.92%
20) 2-Butanone-d5	7.08	46	90834	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
24) Chloroform-d	7.65	84	265219	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.30	65	164986	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.40%
29) Benzene-d6	8.27	84	482813	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
33) 1,2-Dichloropropane-d6	9.27	67	152205	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.32	98	417493	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.60%
38) trans-1,3-Dichloropropene-	10.57	79	64629	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	67984	45.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151643	24.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	147113	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds				Ovalue
13) Acetone	4.11	43	3962m	2.469 ug/L
16) Methylene chloride	4.92	84	7541m	1.306 ug/L

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

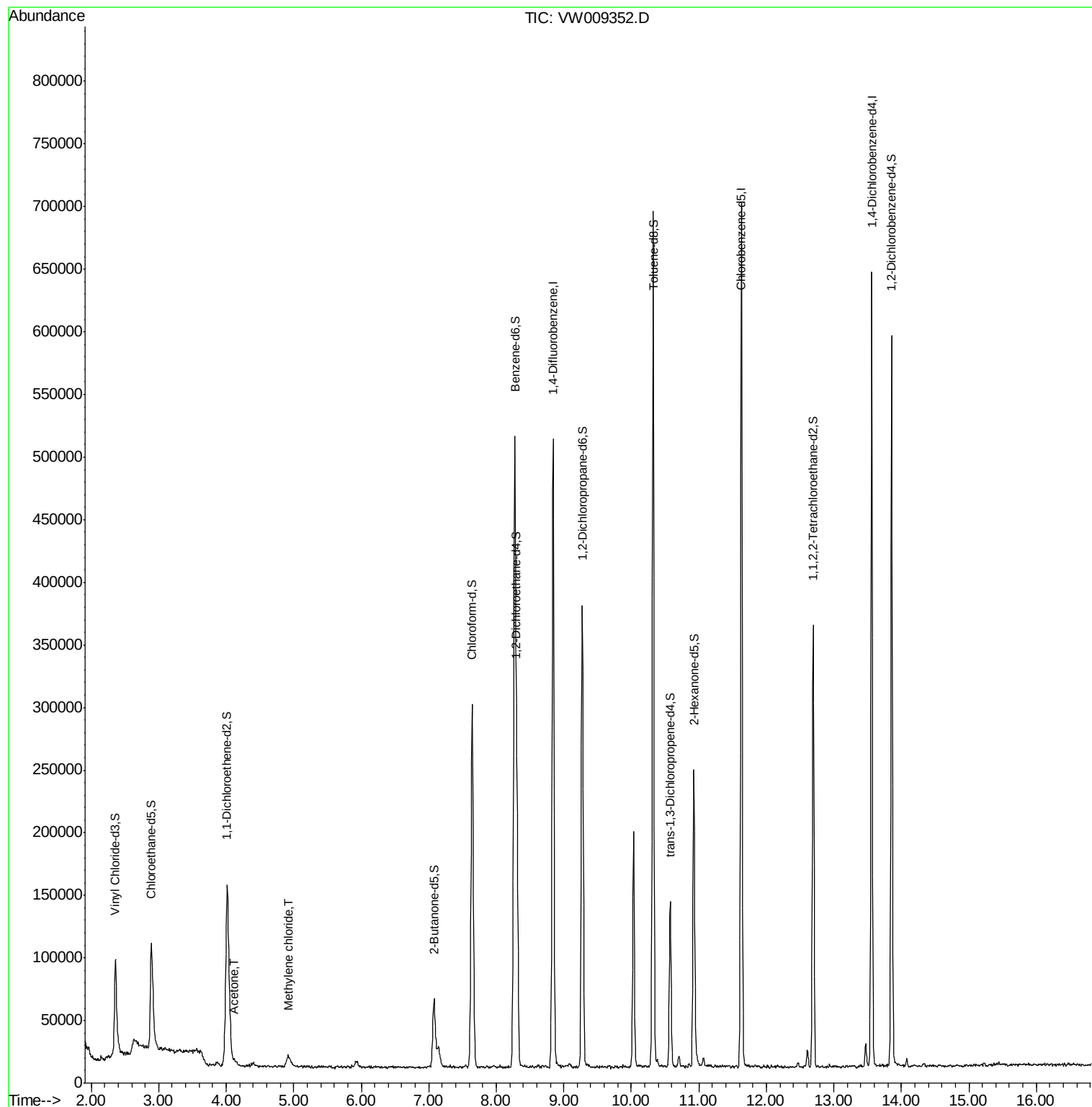
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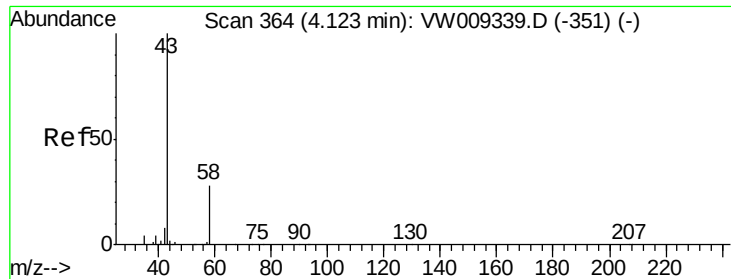
Instrument :
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#13

Acetone

Concen: 2.469 ug/L m

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009352.D

Acq: 22 Mar 2019 16:54

Tot Ion: 43 Resp: 3962

Ion Ratio Lower Upper

43 100

58 20.3 0.0 56.2

Instrument :

MSVOA_W

ClientSampleId :

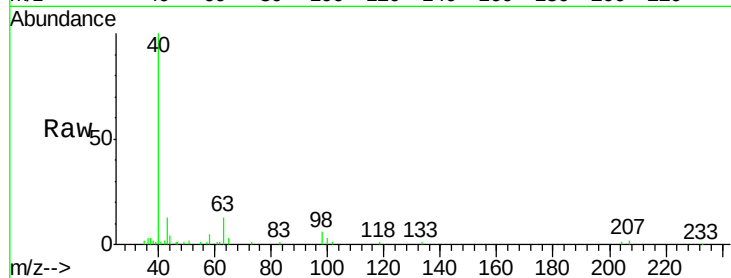
BF0E8

Manual Integrations

APPROVED

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3/25/2019 8:29:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

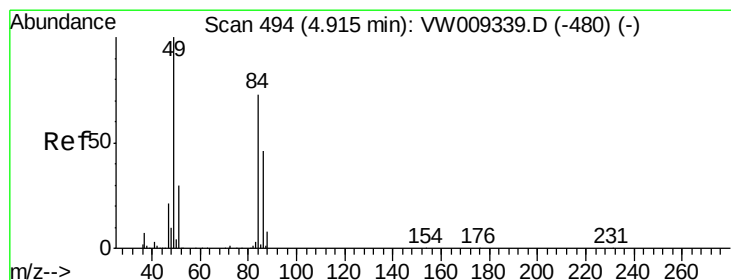
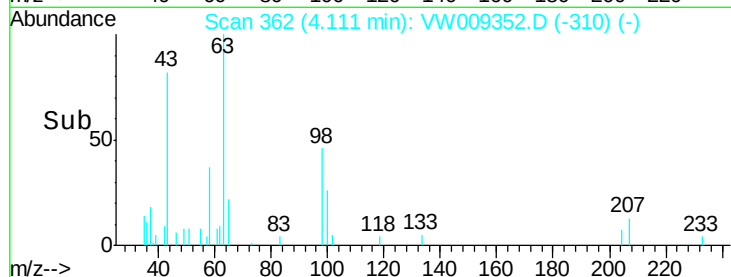
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.306 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009352.D

Acq: 22 Mar 2019 16:54

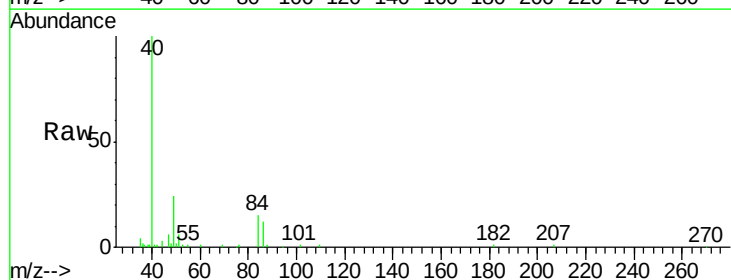
Tgt Ion: 84 Resp: 7541

Ion Ratio Lower Upper

84 100

49 156.7 96.0 178.2

86 82.3 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

3000

2000

1000

0

4.80 4.90 5.00

Time-->

