

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009370.D
 Acq On : 23 Mar 2019 03:27
 Operator : SY/VA
 Sample : K2031-14
 Misc : 4.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S4

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:45 AM

Quant Time: Mar 23 06:33:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95281	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.90	69	102888	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
10) 1,1-Dichloroethene-d2	4.01	63	148782	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.09	46	88745	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
24) Chloroform-d	7.64	84	230771	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	147017	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.27	84	416045	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.27	67	132973	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	10.32	98	352410	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.88%
38) trans-1,3-Dichloropropene-	10.57	79	52712	18.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.24%
39) 2-Hexanone-d5	10.93	63	63055	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128730	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	119985	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds					Ovalue
13) Acetone	4.13	43	31658	20.633 ug/L	89
16) Methylene chloride	4.92	84	23363m	4.232 ug/L	

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

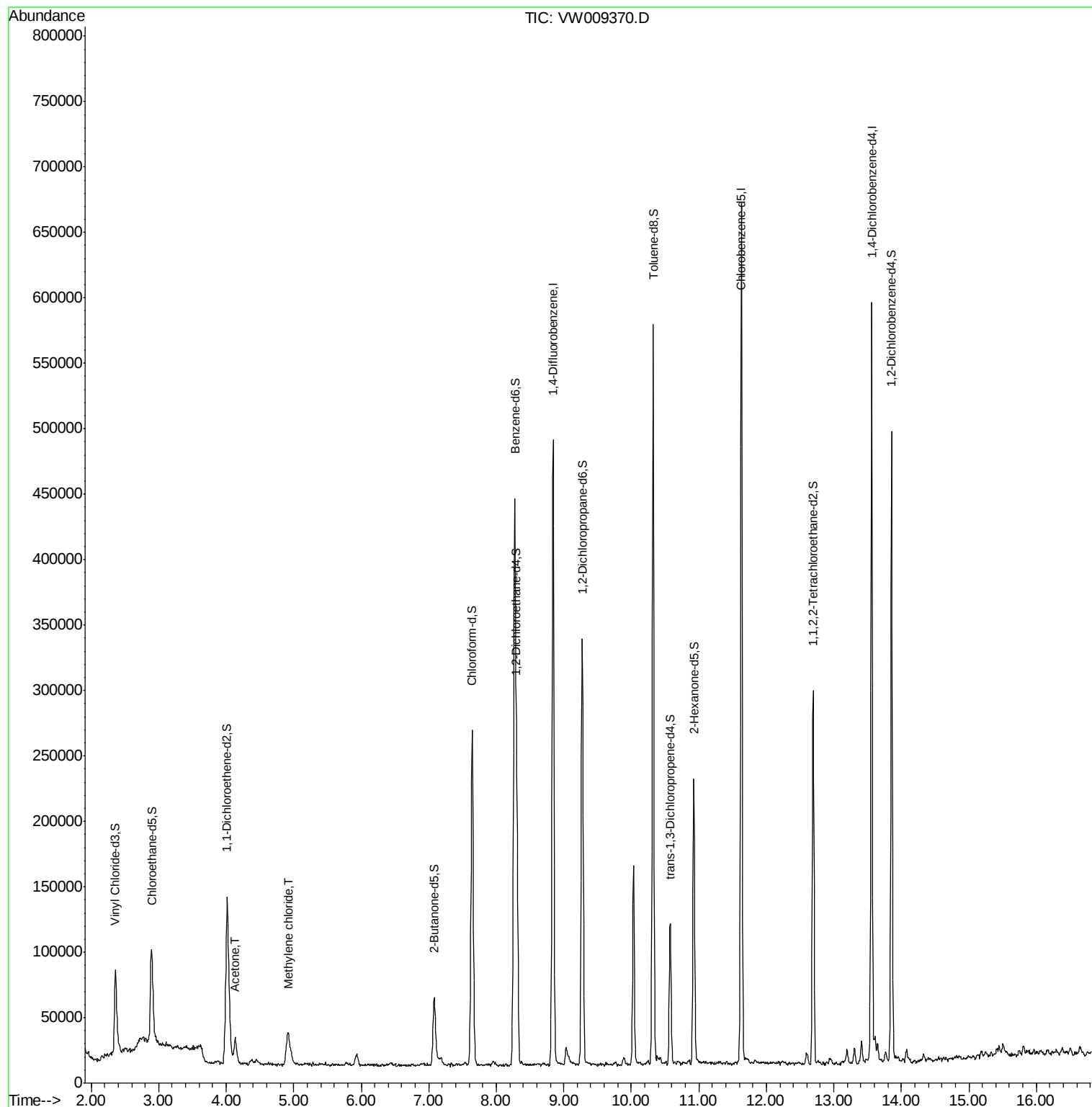
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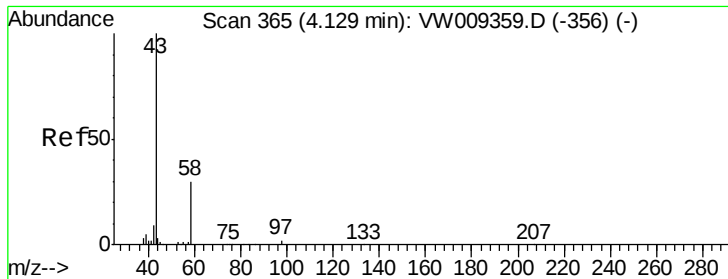
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#13

Acetone

Concen: 20.633 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW009370.D

Acq: 23 Mar 2019 03:27

Instrument :

MSVOA_W

ClientSampleId :

BF5S4

Tot Ion: 43 Resp: 31658

Ion Ratio Lower Upper

43 100

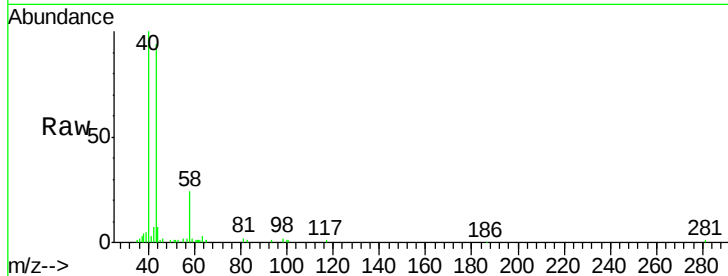
58 22.1 0.0 56.2

Manual Integrations

APPROVED

MMDadoda

3/25/2019 8:29:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

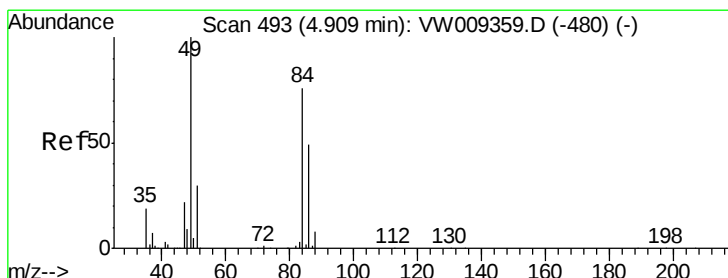
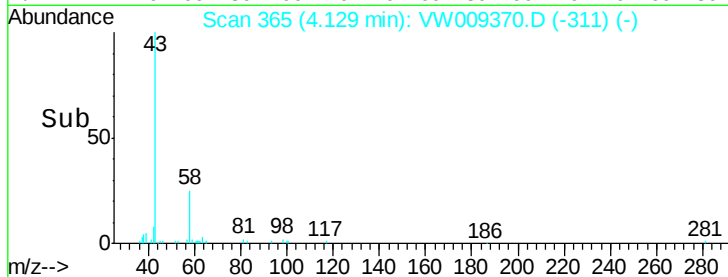
4000

2000

0

Time--> 4.00 4.10 4.20

4.13



#16

Methylene chloride

Concen: 4.232 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 23 Mar 2019 03:27

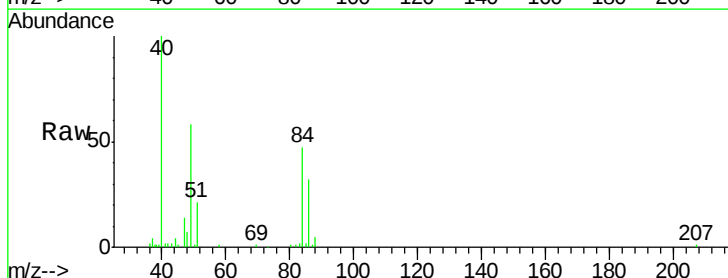
Tgt Ion: 84 Resp: 23363

Ion Ratio Lower Upper

84 100

49 123.2 96.0 178.2

86 68.0 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

10000

8000

6000

4000

2000

0

Time--> 4.80 4.90 5.00 5.10

4.92

