

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010071.D
 Acq On : 19 Apr 2019 18:09
 Operator : SY/VA
 Sample : K2455-20
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS0

Quant Time: Apr 20 05:56:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	735272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	679374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	288733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148271	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
7) Chloroethane-d5	2.89	69	131972	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	4.01	63	311241	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	7.08	46	149349	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.64	84	459029	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.30	65	275836	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.64%
29) Benzene-d6	8.27	84	886020	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	282551	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	10.32	98	783393	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	114925	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.52%
39) 2-Hexanone-d5	10.93	63	117305	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	218712	19.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	248959	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

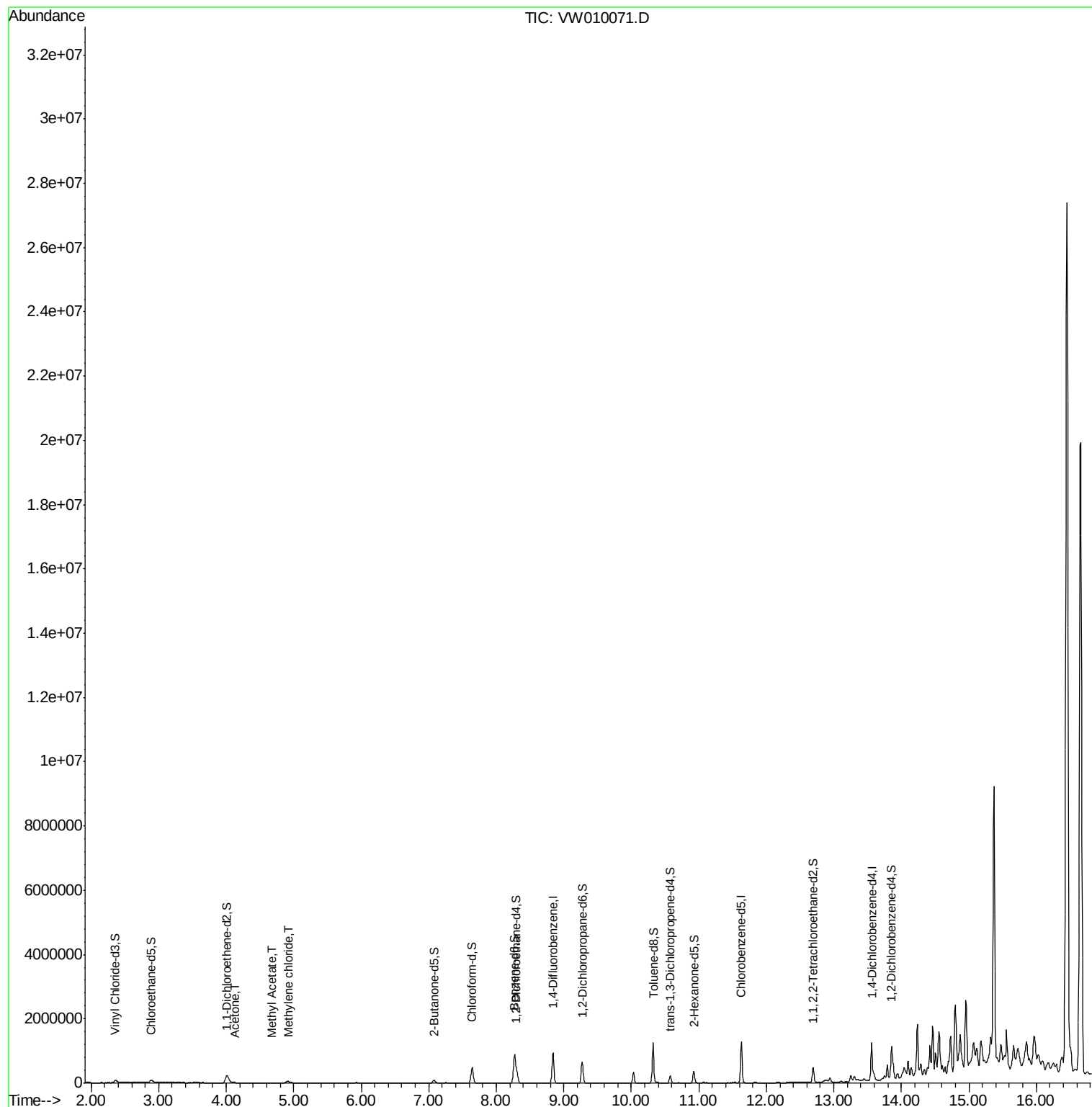
					Ovalue
13) Acetone	4.12	43	24901	7.450 ug/L	99
15) Methyl Acetate	4.68	43	11099	1.645 ug/L #	71
16) Methylene chloride	4.92	84	51969	3.904 ug/L	97

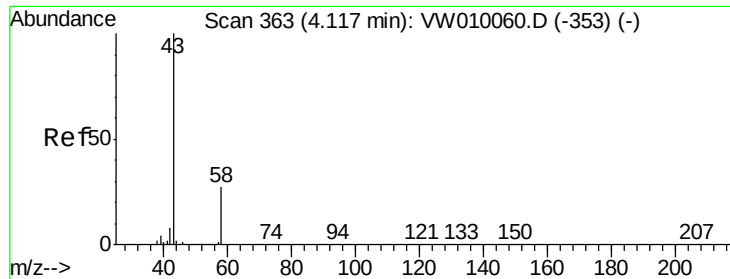
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.450 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010071.D

Acq: 19 Apr 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

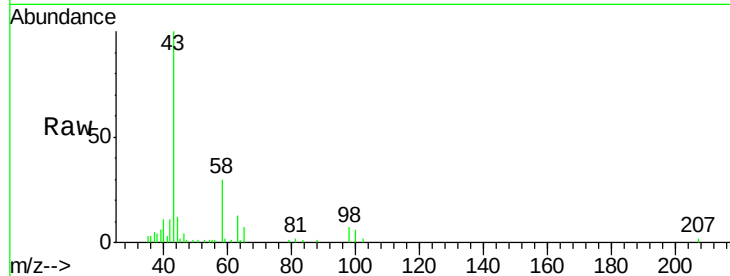
GAHS0

Tot Ion: 43 Resp: 24901

Ion Ratio Lower Upper

43 100

58 27.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

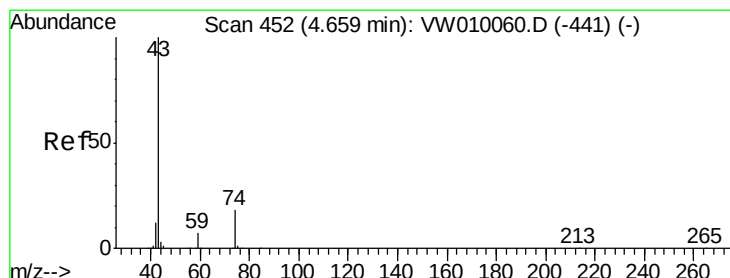
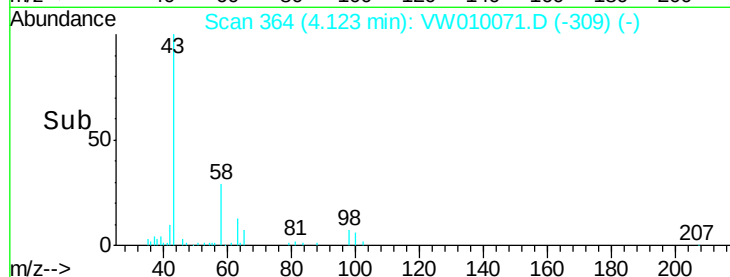
4000

2000

0

Time-->

4.05 4.10 4.15 4.20



#15

Methyl Acetate

Concen: 1.645 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.02 min

Lab File: VW010071.D

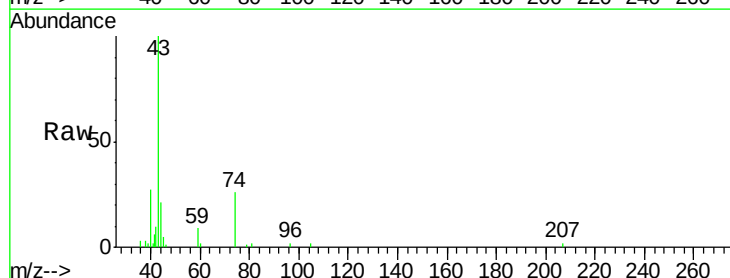
Acq: 19 Apr 2019 18:09

Tgt Ion: 43 Resp: 11099

Ion Ratio Lower Upper

43 100

74 6.7 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

4000

3000

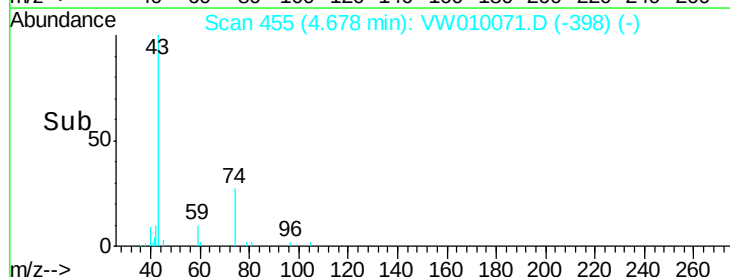
2000

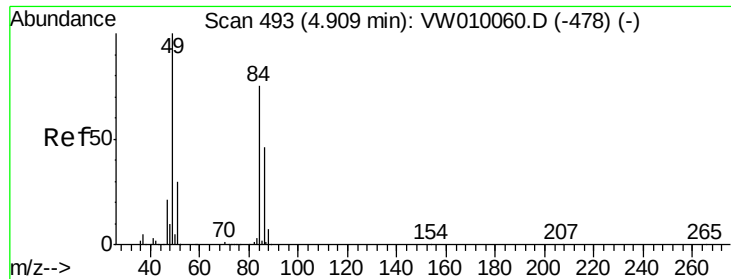
1000

0

Time-->

4.55 4.60 4.65 4.70 4.75





#16
 Methylene chloride
 Concen: 3.904 ug/L
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW010071.D
 Acq: 19 Apr 2019 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS0

Tot Ion	Ratio	Lower	Upper
84	100		
49	139.0	100.7	187.1
86	63.2	43.8	81.3

