

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016764.D
 Acq On : 02 Oct 2020 15:45
 Operator : SY/VA
 Sample : L4235-01
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN3

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:06:08 PM

Quant Time: Oct 03 05:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	641972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105702	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.91	69	105507	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	4.03	63	180300	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	7.09	46	65734	38.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.60%
24) Chloroform-d	7.66	84	314413	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	150854	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.28	84	595589	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.28	67	171615	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.33	98	559621	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.59	79	64564	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.80%
39) 2-Hexanone-d5	10.93	63	52815	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132651	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	221090	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds					Ovalue
13) Acetone	4.14	43	2590m	1.952 ug/L	
16) Methylene chloride	4.93	84	13594	1.373 ug/L	93

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

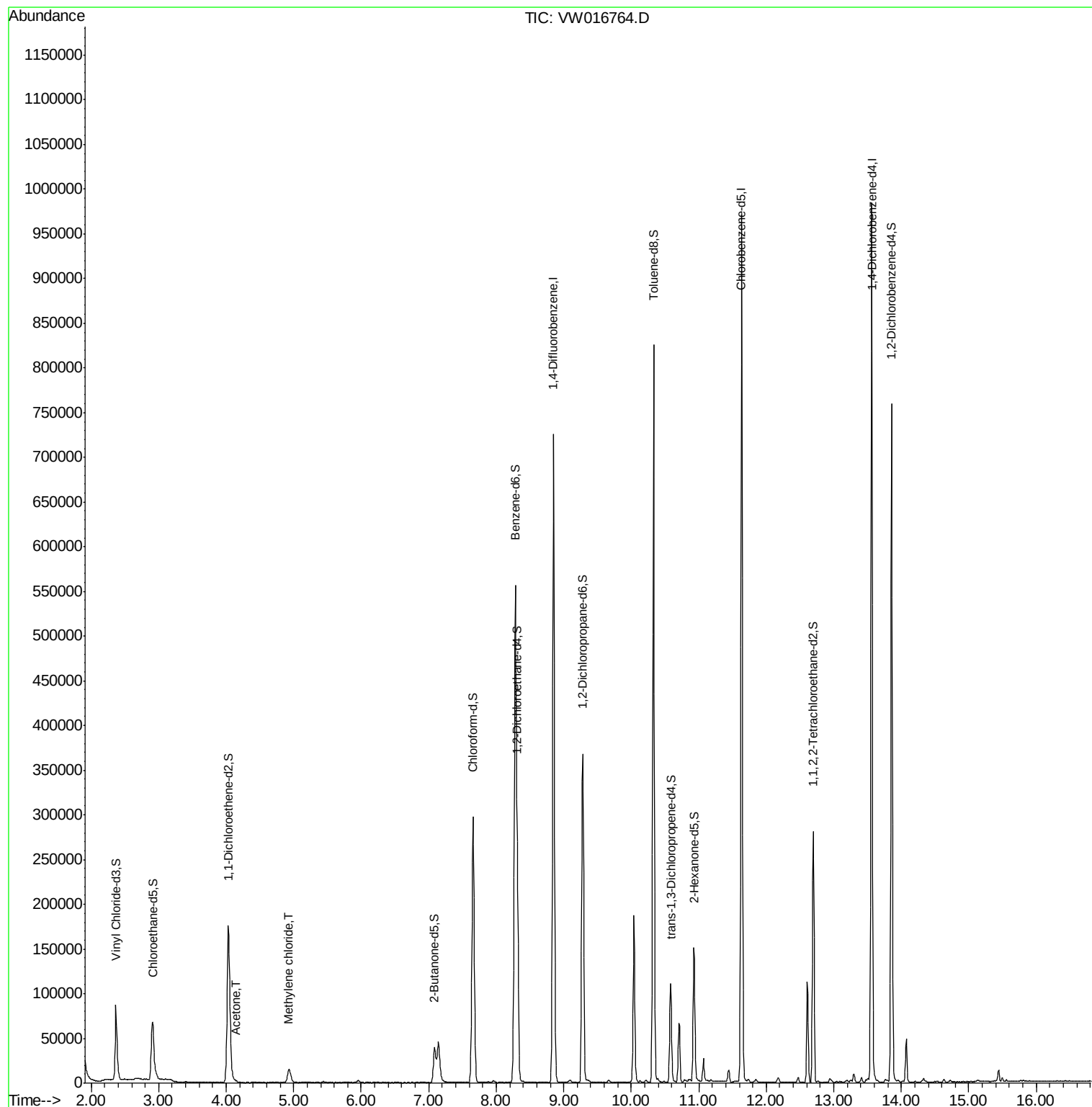
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100220\
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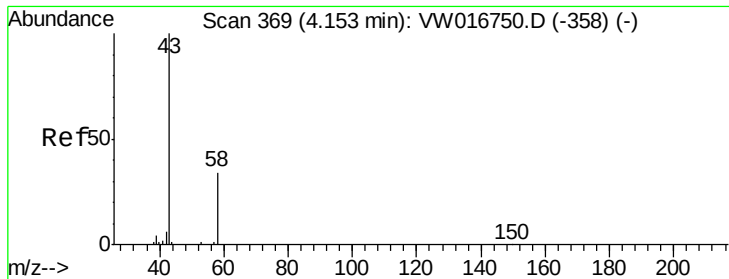
Instrument :
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#13

Acetone

Concen: 1.952 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016764.D

Acq: 02 Oct 2020 15:45

Instrument :

MSVOA_W

ClientSampled :

C0AN3

Tot Ion: 43 Resp: 2590

Ion Ratio Lower Upper

43 100

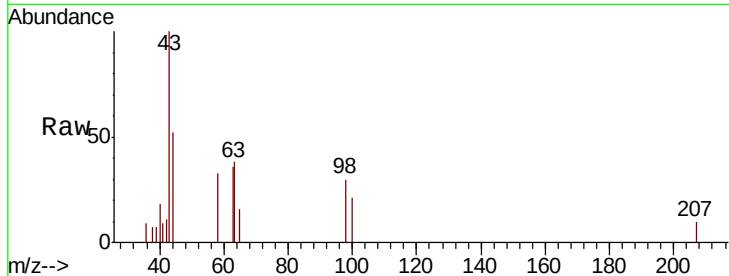
58 4.8 0.0 60.2

Manual Integrations

APPROVED

MMDadoda

10/5/2020 5:06:08 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1000

800

600

400

200

0

Time--> 4.05 4.10 4.15 4.20

4.14

4.15

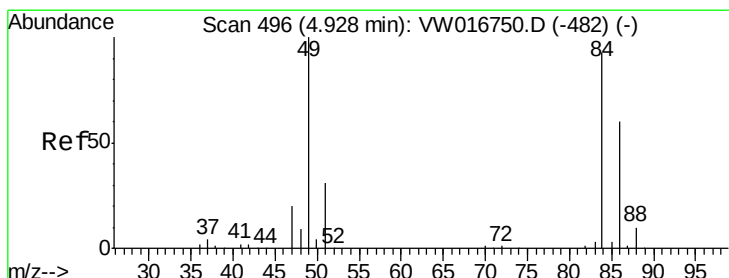
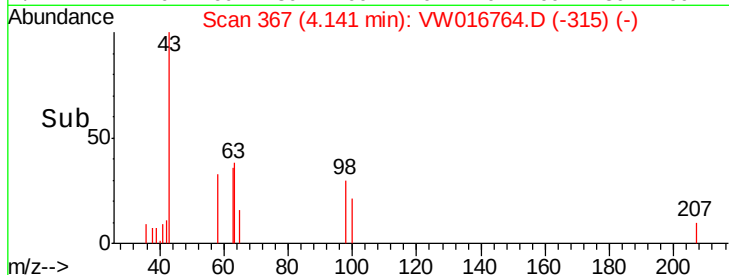
4.16

4.17

4.18

4.19

4.20



#16

Methylene chloride

Concen: 1.373 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016764.D

Acq: 02 Oct 2020 15:45

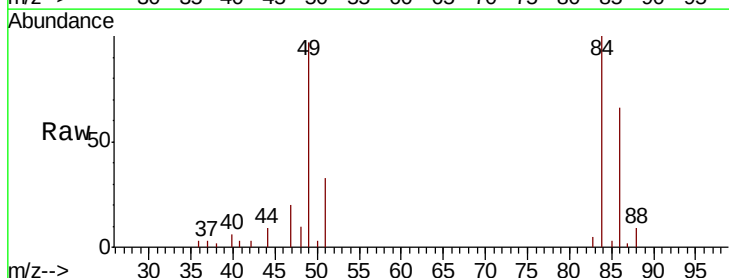
Tgt Ion: 84 Resp: 13594

Ion Ratio Lower Upper

84 100

49 97.2 76.0 141.2

86 65.8 45.6 84.6



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

5000

4000

3000

2000

1000

0

Time--> 4.80 4.90 5.00

4.93

4.94

4.95

4.96

4.97

4.98

4.99

5.00

