

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016967.D
 Acq On : 22 Oct 2020 14:14
 Operator : SY/VA
 Sample : L4471-15
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG430

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:37:08 PM

Quant Time: Oct 23 10:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	589784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	174061	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
7) Chloroethane-d5	2.89	69	129568	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
10) 1,1-Dichloroethene-d2	4.02	63	243059	18.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	7.09	46	60569	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
24) Chloroform-d	7.65	84	316731	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	155571	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	667803	24.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.00%
33) 1,2-Dichloropropane-d6	9.27	67	182118	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.32	98	634067	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloropropene-	10.58	79	74536	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	52756	51.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134616	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	222183	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds					Ovalue
13) Acetone	4.14	43	4151m	4.811 ug/L	
16) Methylene chloride	4.92	84	29891	3.833 ug/L	96

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

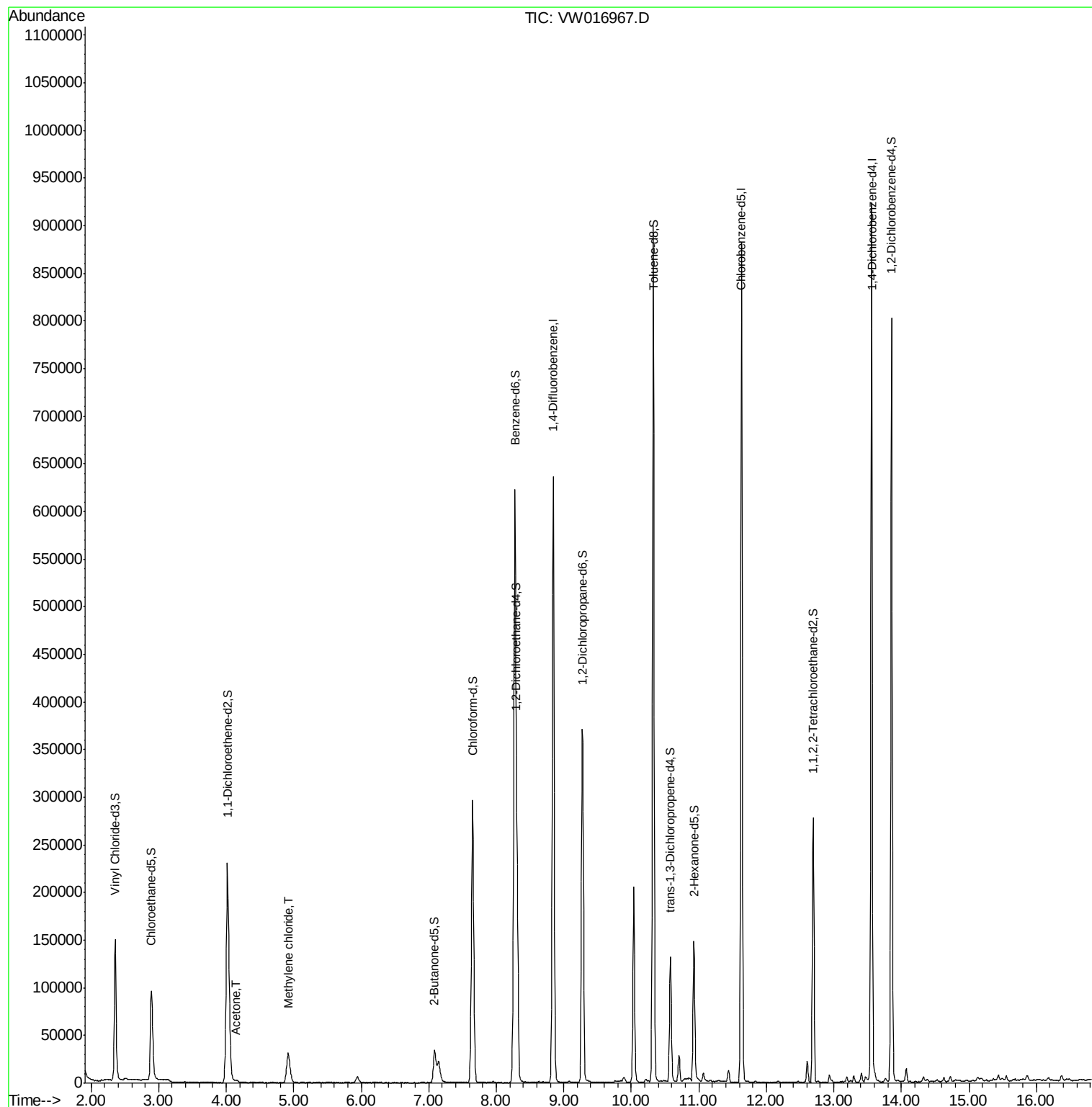
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102220\
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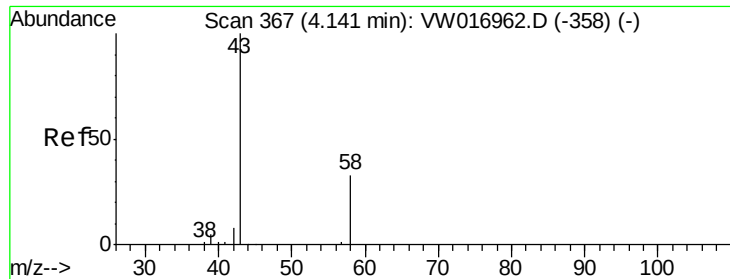
Instrument :
MSVOA_W
ClientSampleId :
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Response via : Initial Calibration





#13

Acetone

Concen: 4.811 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Instrument :

MSVOA_W

ClientSampled :

BG430

Tot Ion: 43 Resp: 4151

Ion Ratio Lower Upper

43 100

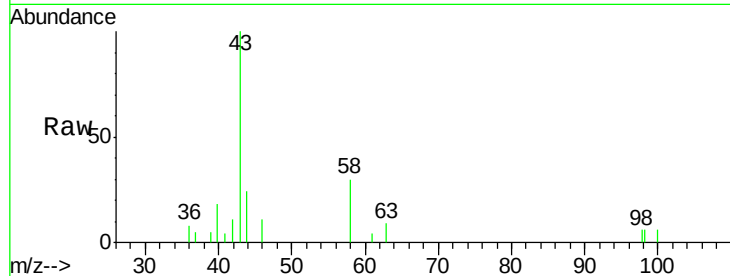
58 0.5 0.0 69.8

Manual Integrations

APPROVED

MMDadoda

10/26/2020 1:37:08 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

1000

500

0

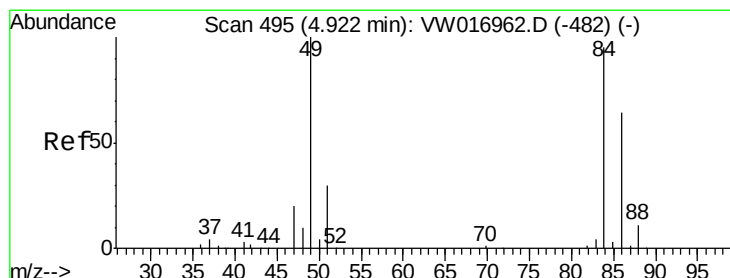
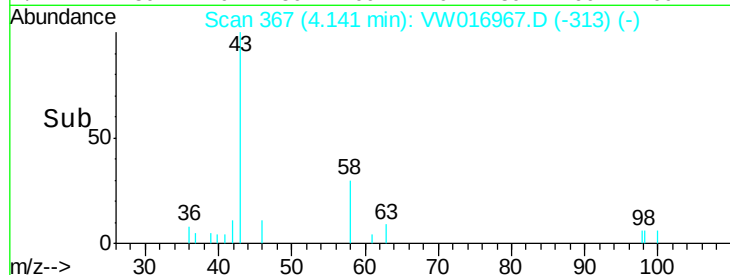
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 3.833 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 22 Oct 2020 14:14

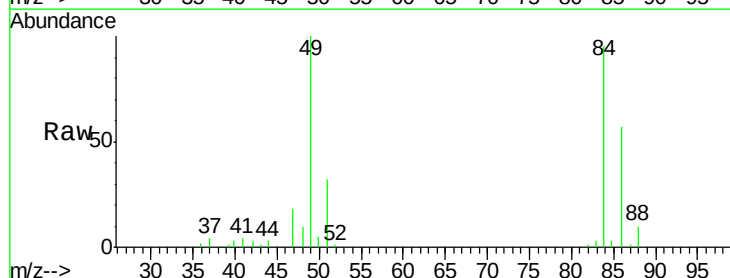
Tgt Ion: 84 Resp: 29891

Ion Ratio Lower Upper

84 100

49 105.4 73.8 137.0

86 60.2 47.4 88.0



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

4.92

12000

10000

8000

6000

4000

2000

0

4.80

4.90

5.00

Time-->

