

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014764.D
 Acq On : 27 Jan 2020 13:19
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 1:57:44 PM

Quant Time: Jan 28 07:13:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 27 15:38:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	939581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	837376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	352434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	351779	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.89	69	314645	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
10) 1,1-Dichloroethene-d2	4.01	63	559227	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	7.07	46	211353	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
24) Chloroform-d	7.65	84	608256	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.30	65	338762m	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	8.27	84	1290860	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.27	67	400756	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.32	98	1128390	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.57	79	151429	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.92	63	161017	52.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	315920	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	353438	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	17467	3.859 ug/L	88
68) 1,2,4-trichlorobenzene	15.13	180	4687	0.375 ug/L	97

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

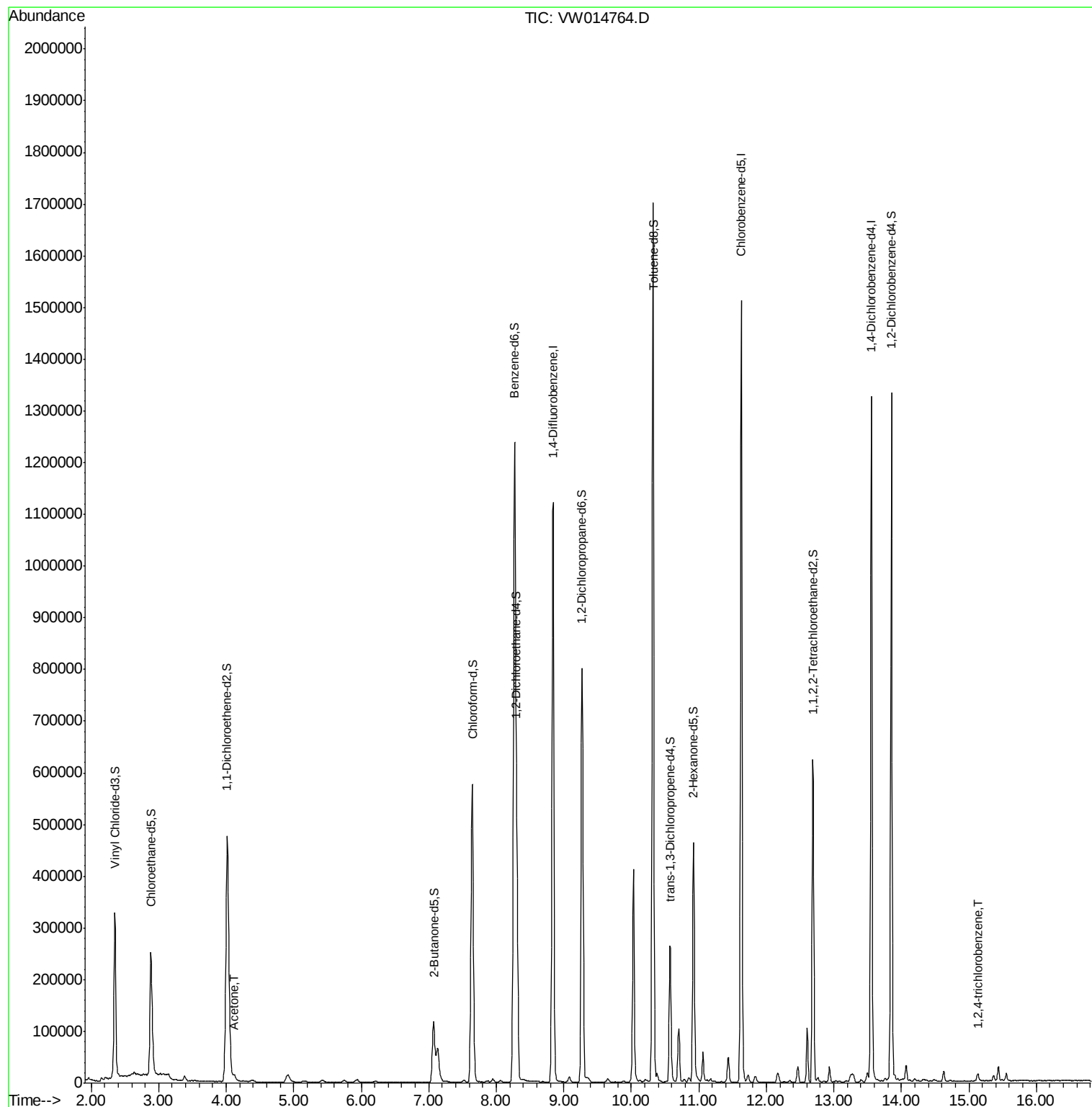
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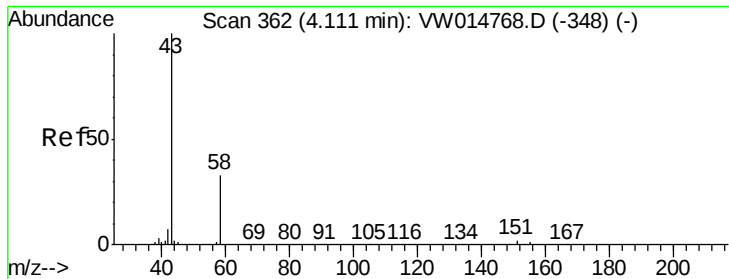
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#13

Acetone

Concen: 3.859 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014764.D

Acq: 27 Jan 2020 13:19

Instrument :

MSVOA_W

ClientSampleId :

VIBLK21

Tot Ion: 43 Resp: 17467

Ion Ratio Lower Upper

43 100

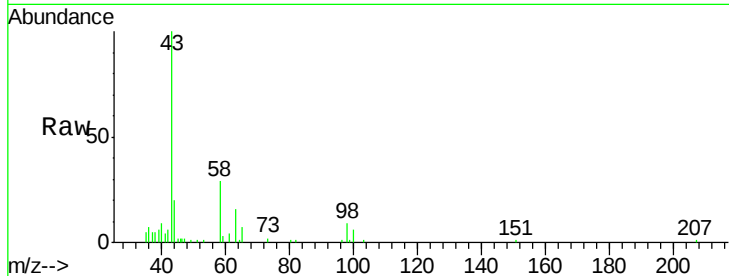
58 25.4 0.0 64.6

Manual Integrations

APPROVED

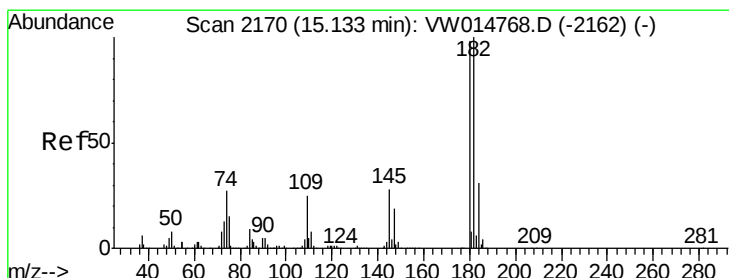
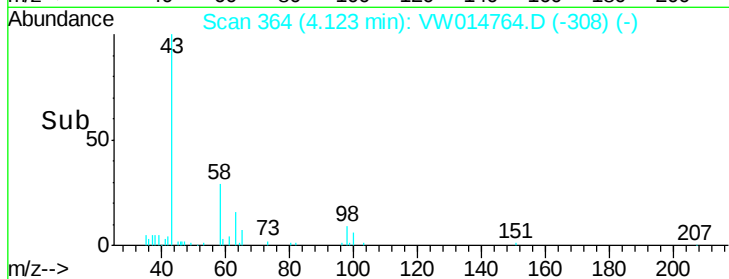
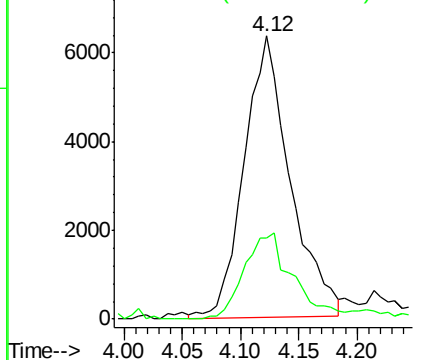
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#68

1,2,4-trichlorobenzene

Concen: 0.375 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW014764.D

Acq: 27 Jan 2020 13:19

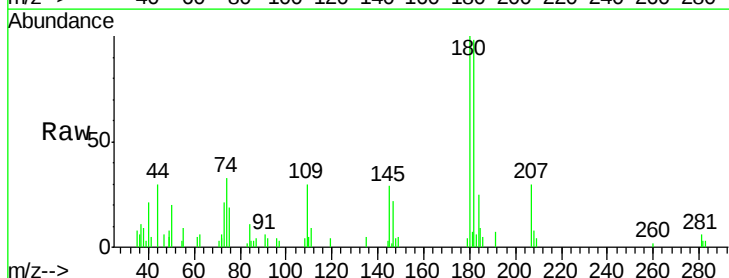
Tgt Ion: 180 Resp: 4687

Ion Ratio Lower Upper

180 100

182 92.8 77.2 115.8

145 28.1 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

