

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121919\
 Data File : VW014463.D
 Acq On : 19 Dec 2019 16:44
 Operator : SY/VA
 Sample : K6322-09
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2019 1:20:00 PM

Quant Time: Dec 20 02:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 20 01:12:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1135054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1046688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	458688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	294263	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.48%
7) Chloroethane-d5	2.89	69	257258	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.01	63	444704m	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.07	46	252049	56.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.54%
24) Chloroform-d	7.64	84	665514	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.30	65	377573m	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.68%
29) Benzene-d6	8.27	84	1342580	21.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.56%
33) 1,2-Dichloropropane-d6	9.27	67	439237	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
37) Toluene-d8	10.32	98	1168685	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.28%
38) trans-1,3-Dichloropropene-	10.58	79	166476	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.92	63	188924	50.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	372840	24.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	402664	22.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.88%

Target Compounds				Ovalue
13) Acetone	4.12	43	16388	3.795 ug/L 97
16) Methylene chloride	4.91	84	27972	1.608 ug/L 78

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

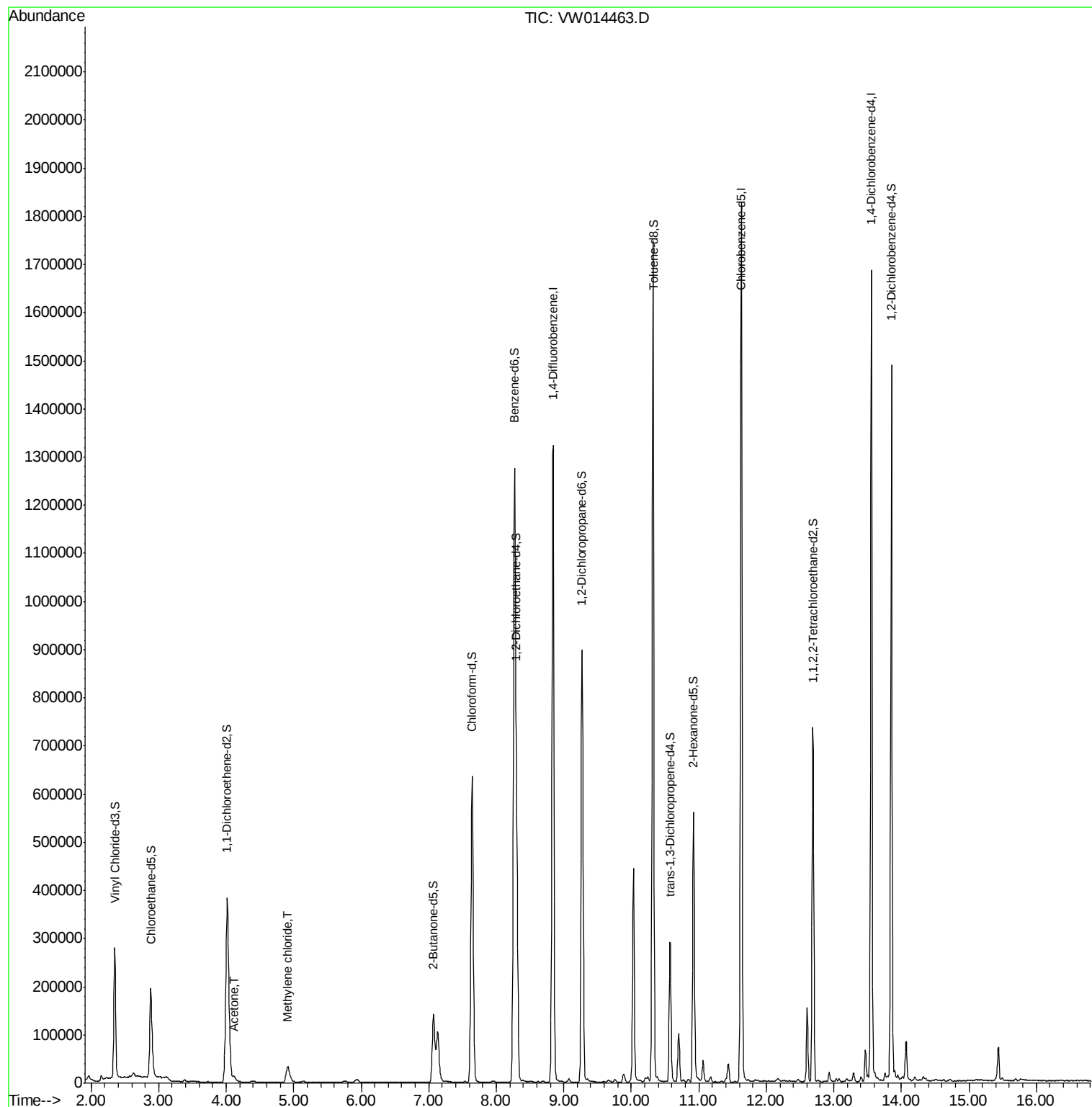
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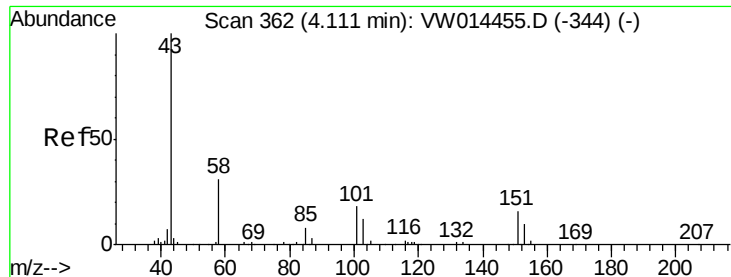
Instrument :
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#13

Acetone

Concen: 3.795 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014463.D

Acq: 19 Dec 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 16388

Ion Ratio Lower Upper

43 100

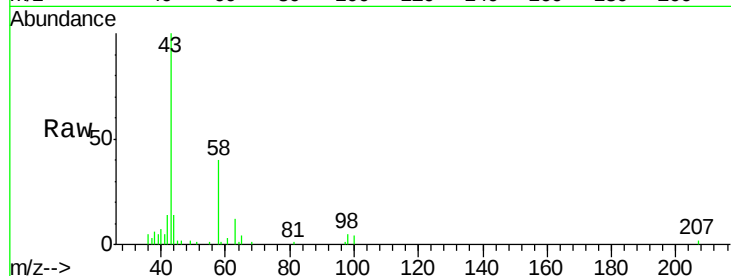
58 34.6 0.0 65.4

Manual Integrations

APPROVED

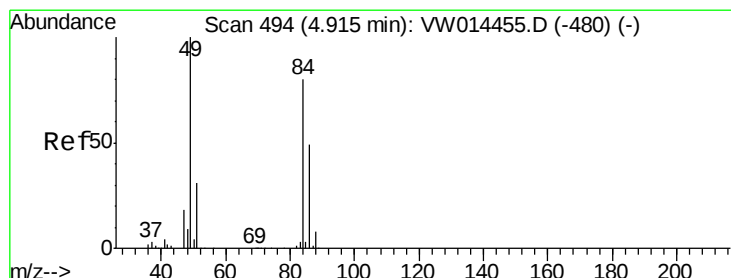
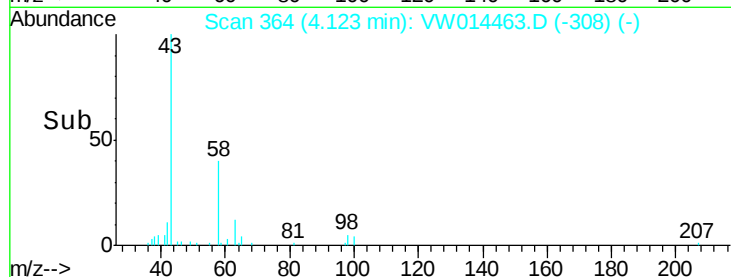
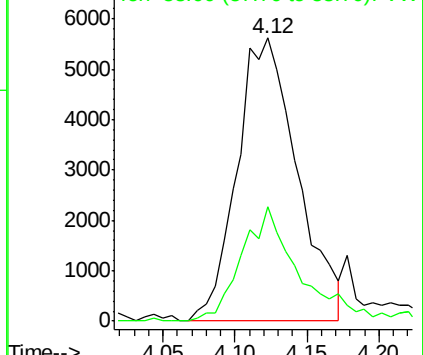
MMDadoda

12/20/2019 1:20:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.608 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 19 Dec 2019 16:44

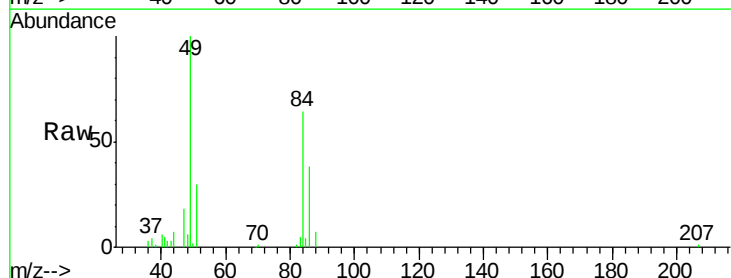
Tgt Ion: 84 Resp: 27972

Ion Ratio Lower Upper

84 100

49 155.5 84.2 156.4

86 58.9 43.7 81.1



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

