

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014409.D
 Acq On : 17 Dec 2019 23:08
 Operator : SY/VA
 Sample : K6322-10
 Misc : 4.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C94

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:32:12 PM

Quant Time: Dec 18 03:54:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	630576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356039	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	47667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	231244	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
7) Chloroethane-d5	2.89	69	205889	29.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.00%
10) 1,1-Dichloroethene-d2	4.02	63	293283	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.07	46	140239	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
24) Chloroform-d	7.65	84	505163	31.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.84%
26) 1,2-Dichloroethane-d4	8.30	65	254277	30.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.84%
29) Benzene-d6	8.27	84	959428	45.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	183.92%#
33) 1,2-Dichloropropane-d6	9.27	67	334805	52.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	208.60%#
37) Toluene-d8	10.32	98	632315	33.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.04%#
38) trans-1,3-Dichloropropene-	10.57	79	53618	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.64%
39) 2-Hexanone-d5	10.92	63	96131	75.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.62%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	221535	42.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	169.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	67783	37.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	148.84%#

Target Compounds				Ovalue
13) Acetone	4.12	43	11090	4.623 ug/L 83
16) Methylene chloride	4.92	84	25105m	2.597 ug/L

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

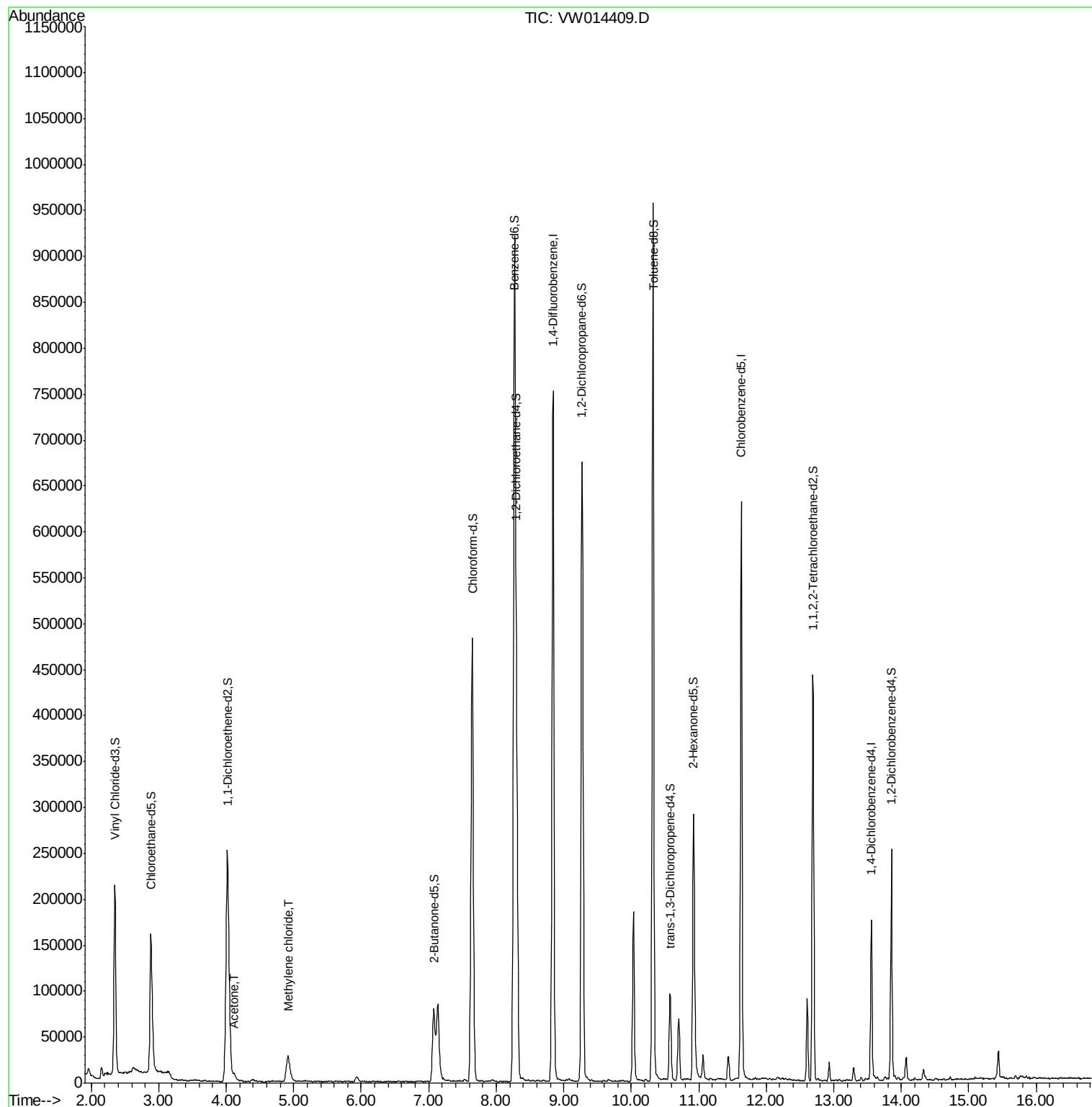
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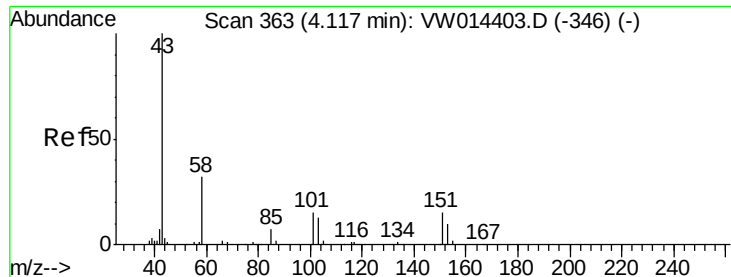
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#13

Acetone

Concen: 4.623 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014409.D

Acq: 17 Dec 2019 23:08

Instrument :

MSVOA_W

ClientSampled :

C0C94

Tot Ion: 43 Resp: 11090

Ion Ratio Lower Upper

43 100

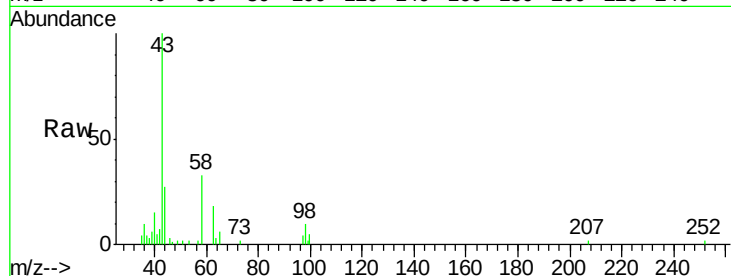
58 23.2 0.0 65.4

Manual Integrations

APPROVED

MMDadoda

12/18/2019 3:32:12 PM



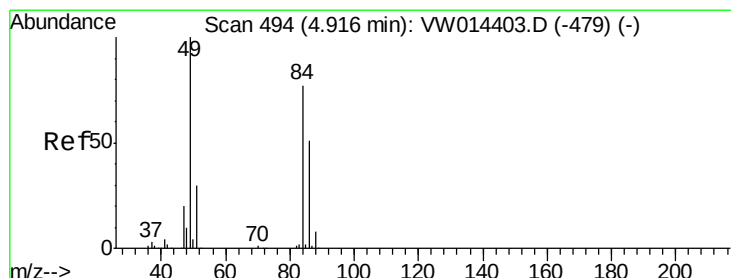
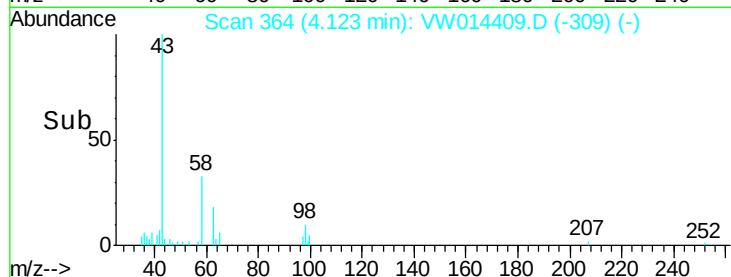
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.00 4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.597 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014409.D

Acq: 17 Dec 2019 23:08

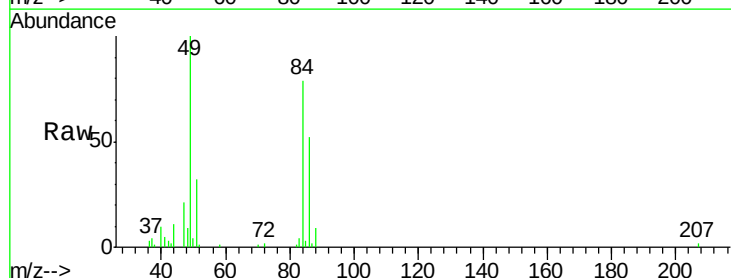
Tgt Ion: 84 Resp: 25105

Ion Ratio Lower Upper

84 100

49 127.4 84.2 156.4

86 66.4 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

4.92

4.80 4.90 5.00 5.10

Time-->

