

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014349.D
 Acq On : 13 Dec 2019 15:03
 Operator : SY/VA
 Sample : K6322-08
 Misc : 4.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C46

Manual Integrations
 APPROVED

apatel
 12/16/2019 1:11:31 PM

Quant Time: Dec 14 05:30:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	709183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	118182	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235332	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	2.89	69	199941	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	4.02	63	309829	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	7.07	46	93492	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
24) Chloroform-d	7.65	84	478272	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.30	65	244117m	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.27	84	917300	30.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.68%
33) 1,2-Dichloropropane-d6	9.27	67	313553	34.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.40%#
37) Toluene-d8	10.32	98	667145	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	72139	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.92	63	69966	38.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206329	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	122505	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds				Ovalue
13) Acetone	4.12	43	10004	3.708 ug/L 96
16) Methylene chloride	4.92	84	17923	1.649 ug/L 92

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

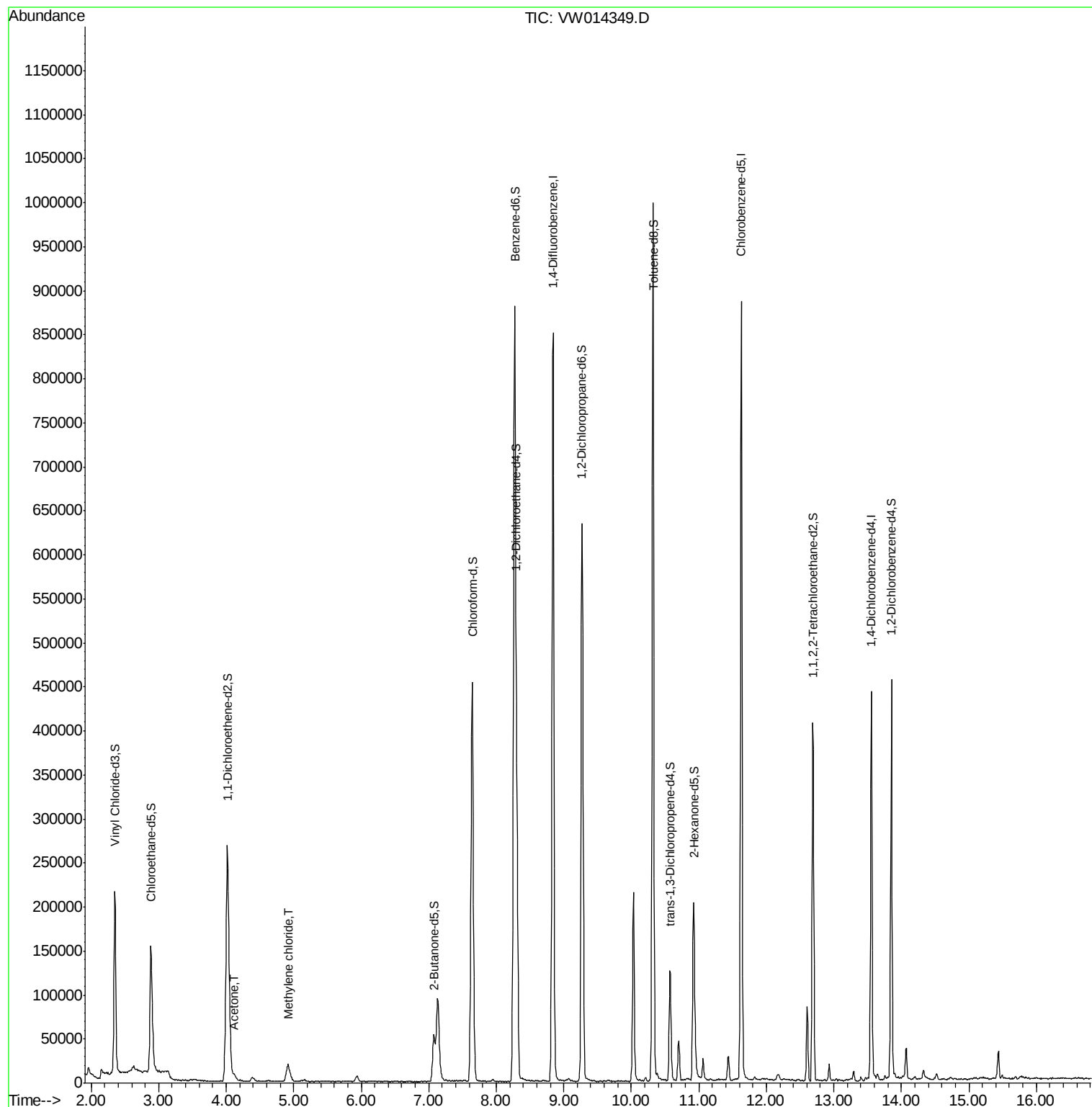
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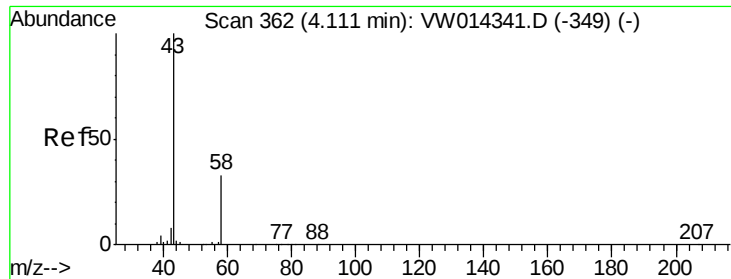
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#13

Acetone

Concen: 3.708 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014349.D

Acq: 13 Dec 2019 15:03

Instrument :

MSVOA_W

ClientSampled :

C0C46

Tot Ion: 43 Resp: 10004

Ion Ratio Lower Upper

43 100

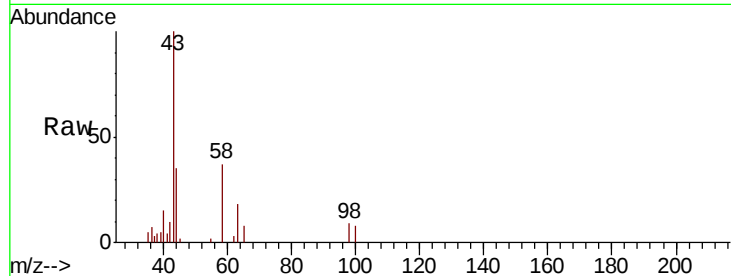
58 35.1 0.0 65.4

Manual Integrations

APPROVED

apatel

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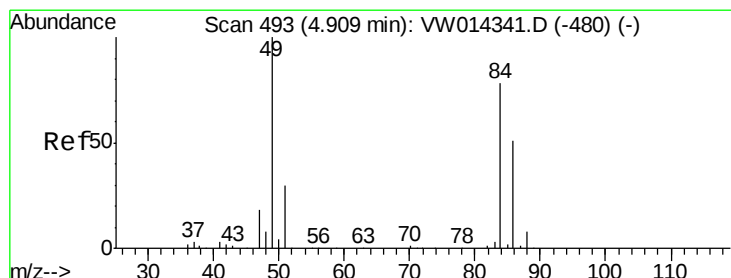
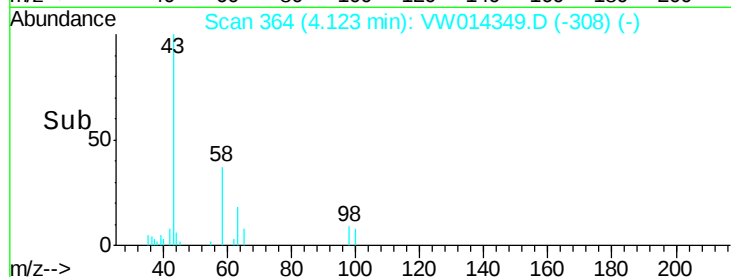
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.649 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014349.D

Acq: 13 Dec 2019 15:03

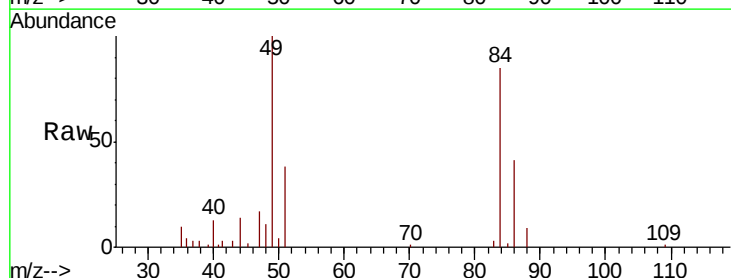
Tgt Ion: 84 Resp: 17923

Ion Ratio Lower Upper

84 100

49 117.8 84.2 156.4

86 47.8 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

Time-->

