

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009734.D
 Acq On : 05 Apr 2019 15:57
 Operator : SY/VA
 Sample : K2065-24
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:04 AM

Quant Time: Apr 06 04:38:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	450935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118304	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	2.89	69	115451	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
10) 1,1-Dichloroethene-d2	4.01	63	207920	16.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.52%
20) 2-Butanone-d5	7.07	46	98087	51.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.40%
24) Chloroform-d	7.64	84	283709	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.30	65	184153	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.27	84	518735	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	162475	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.32	98	469822	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	72261	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	63933	47.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156024	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	173867	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	6076	2.960 ug/L	66
16) Methylene chloride	4.92	84	13262m	1.668 ug/L	

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

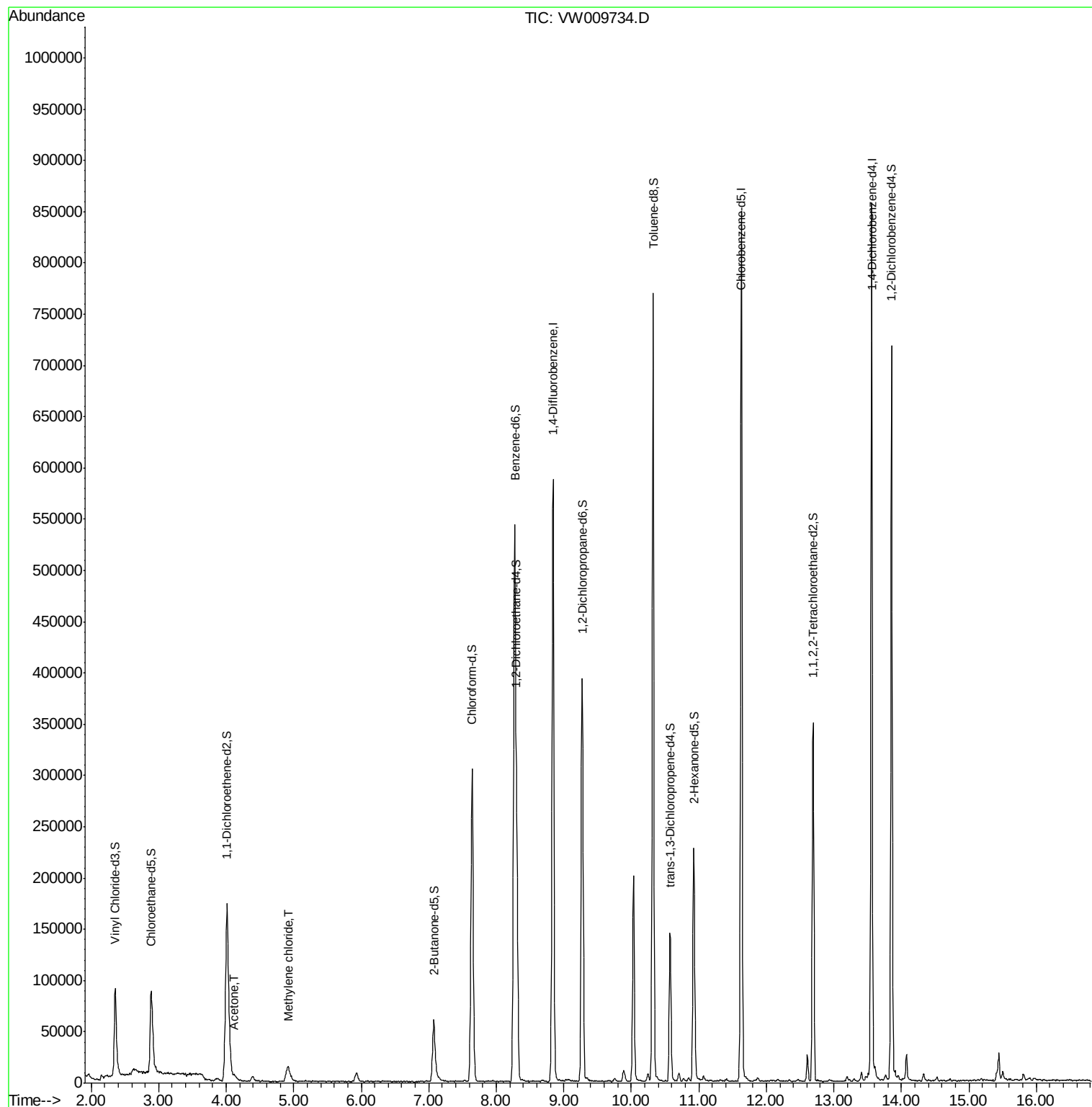
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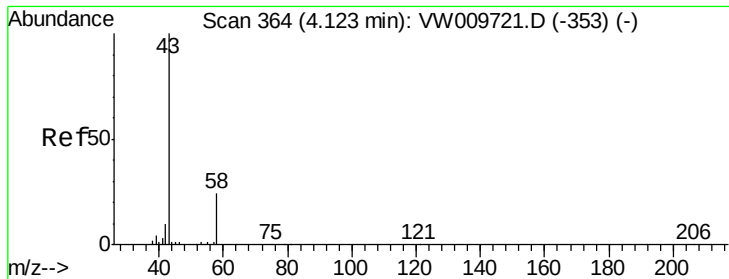
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#13

Acetone

Concen: 2.960 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009734.D

Acq: 05 Apr 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 43 Resp: 6076

Ion Ratio Lower Upper

43 100

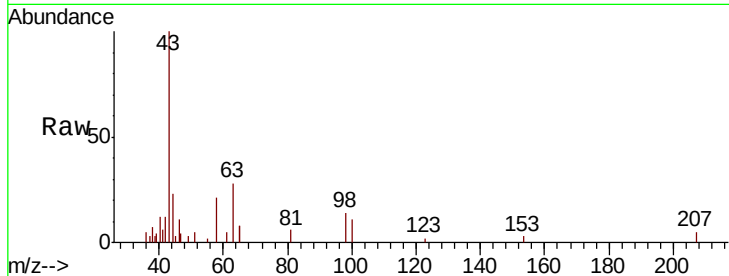
58 9.0 0.0 53.0

Manual Integrations

APPROVED

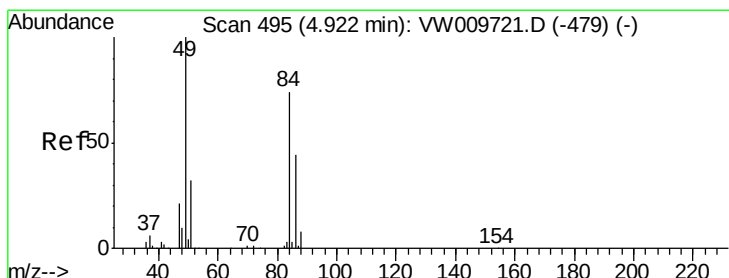
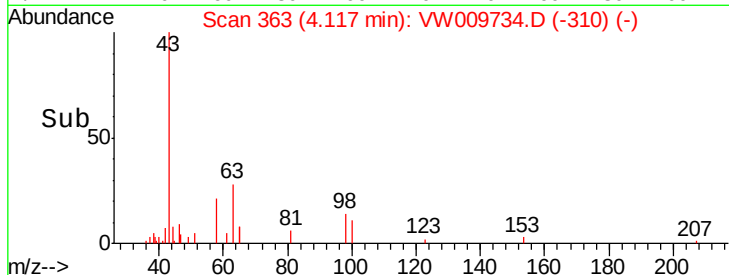
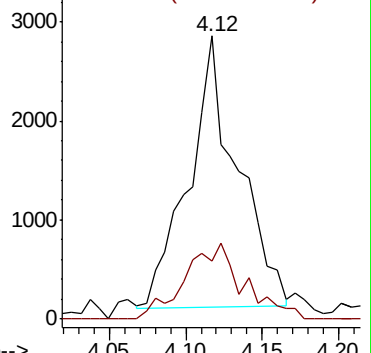
MMDadoda

4/8/2019 3:33:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.668 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 05 Apr 2019 15:57

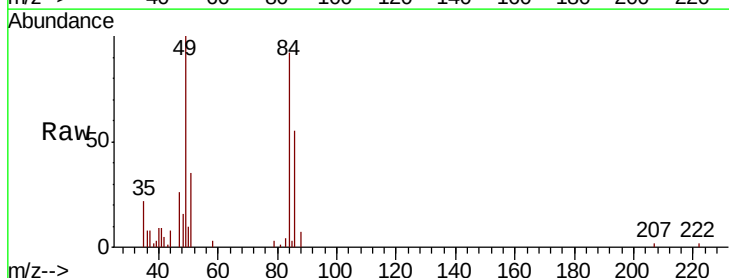
Tgt Ion: 84 Resp: 13262

Ion Ratio Lower Upper

84 100

49 108.6 98.3 182.5

86 59.5 46.4 86.2



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

