

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009298.D
 Acq On : 20 Mar 2019 20:54
 Operator : SY/VA
 Sample : VW0320SBL02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK06

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:30 AM

Quant Time: Mar 22 08:21:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334542	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114789	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.84%
7) Chloroethane-d5	2.89	69	106877	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
10) 1,1-Dichloroethene-d2	4.01	63	174049	18.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.68%
20) 2-Butanone-d5	7.07	46	117846	66.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.88%
24) Chloroform-d	7.64	84	229240	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.30	65	140169	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	441397	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	131501	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	406575	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	10.58	79	62175	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.36%
39) 2-Hexanone-d5	10.93	63	83998	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139532	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	145219	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds					Ovalue
13) Acetone	4.11	43	5723	3.964 ug/L	63
16) Methylene chloride	4.90	84	9384m	1.806 ug/L	

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

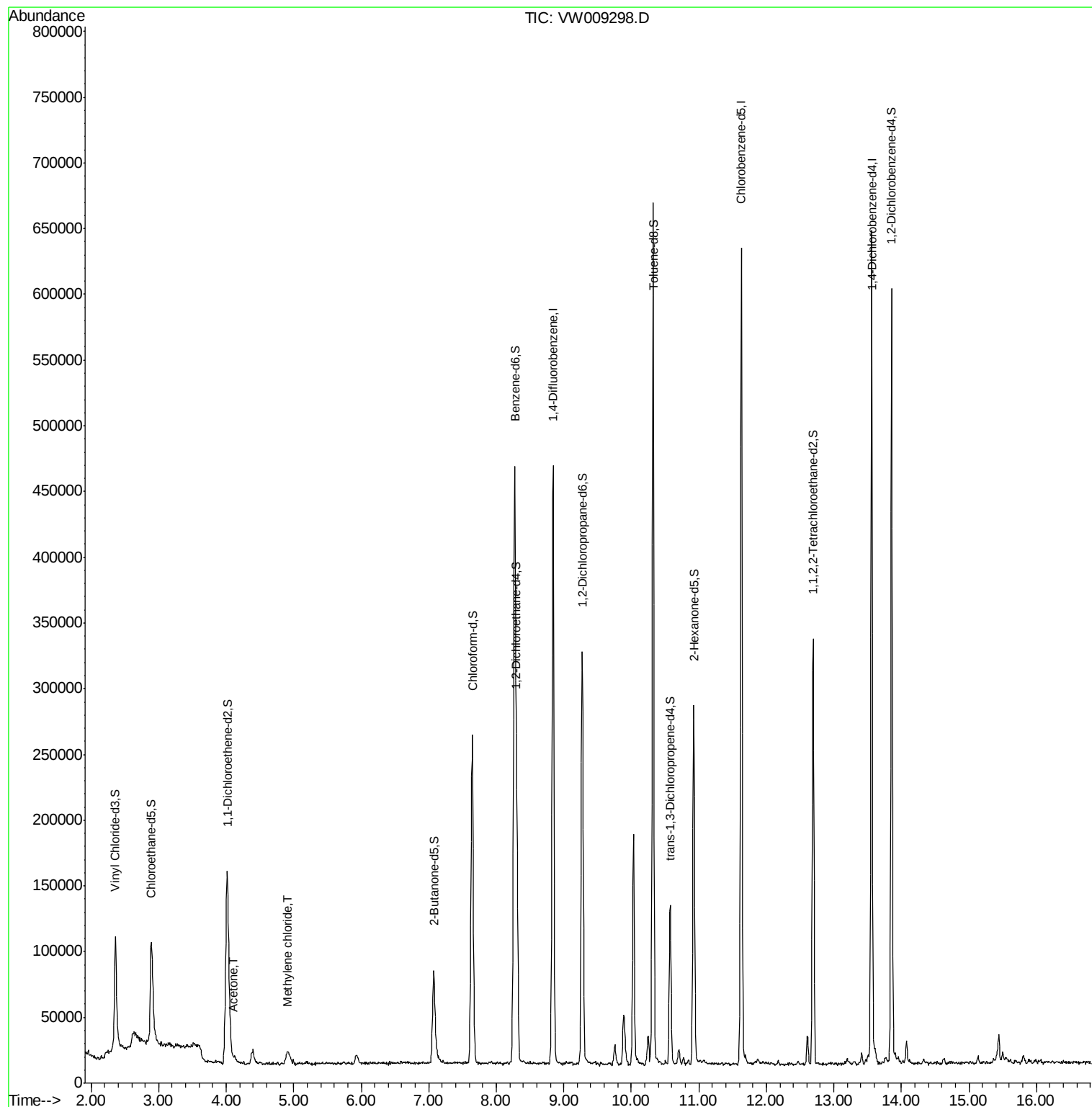
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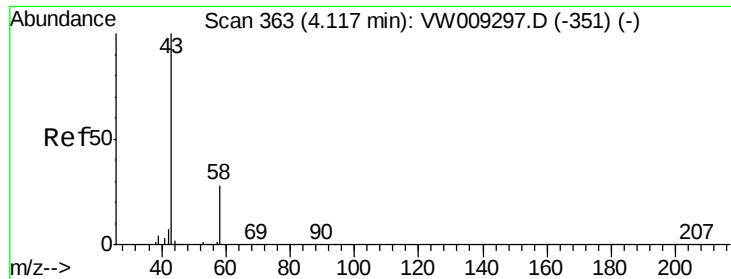
Instrument :
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#13

Acetone

Concen: 3.964 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009298.D

Acq: 20 Mar 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

VBLK06

Tot Ion: 43 Resp: 5723

Ion Ratio Lower Upper

43 100

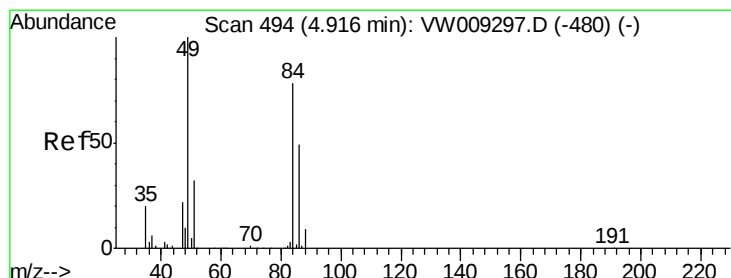
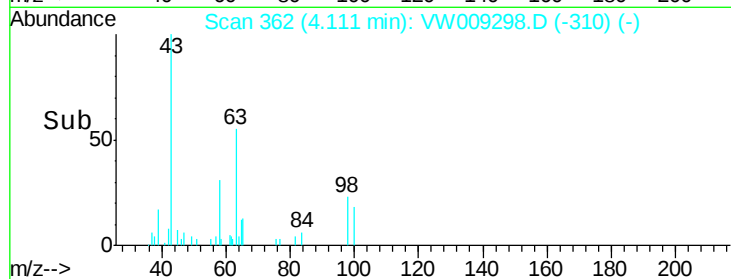
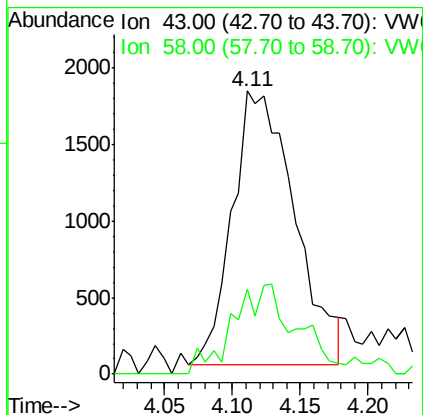
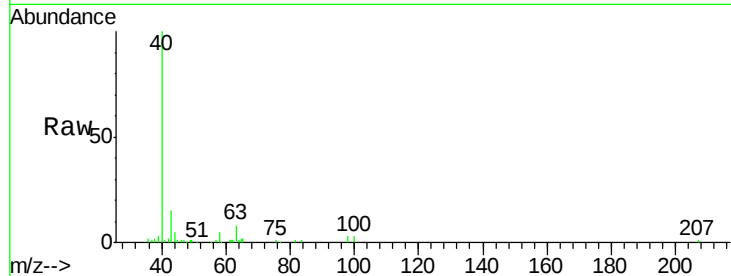
58 8.7 0.0 56.2

Manual Integrations

APPROVED

MMDadoda

3/25/2019 11:43:30 AM



#16

Methylene chloride

Concen: 1.806 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009298.D

Acq: 20 Mar 2019 20:54

Tgt Ion: 84 Resp: 9384

Ion Ratio Lower Upper

84 100

49 102.3 96.0 178.2

86 49.1 44.4 82.5

