

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009869.D
 Acq On : 10 Apr 2019 08:17
 Operator : SY/VA
 Sample : K2278-21
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Z4

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:07:08 PM

Quant Time: Apr 11 01:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330415	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162112	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	57043	13.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.76%
7) Chloroethane-d5	2.89	69	66230	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.01	63	121066	13.02	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.08%
20) 2-Butanone-d5	7.07	46	104437	74.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.78%#
24) Chloroform-d	7.65	84	245746	27.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.04%
26) 1,2-Dichloroethane-d4	8.31	65	186666	33.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.88%#
29) Benzene-d6	8.27	84	408888	20.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.92%
33) 1,2-Dichloropropane-d6	9.27	67	152825	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.52%
37) Toluene-d8	10.32	98	351025	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.92%
38) trans-1,3-Dichloropropene-	10.58	79	65369	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.93	63	65746	57.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169753	30.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.32%#
61) 1,2-Dichlorobenzene-d4	13.86	152	156961	27.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	4569	3.038 ug/L	97
16) Methylene chloride	4.92	84	13682m	2.348 ug/L	

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

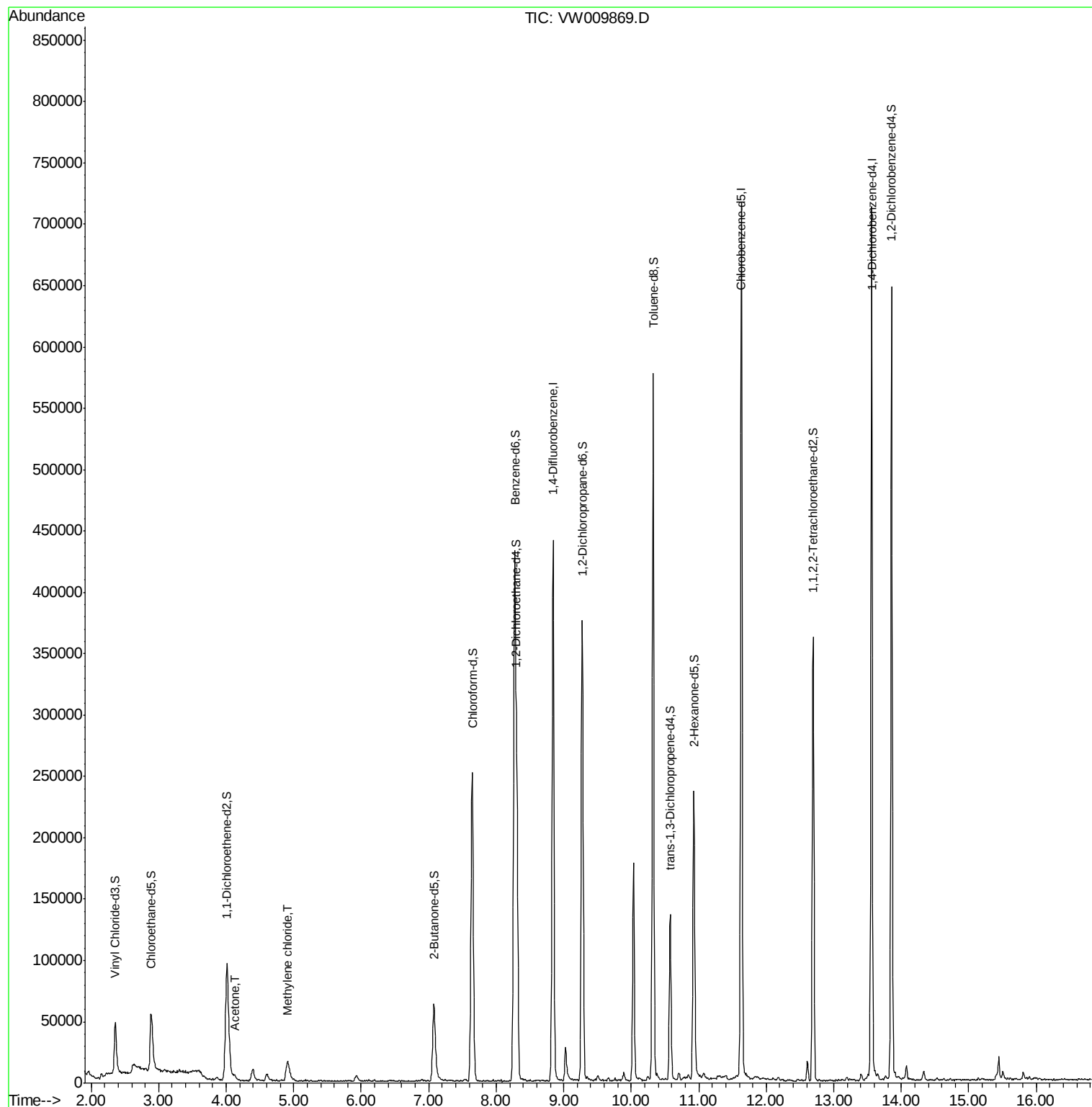
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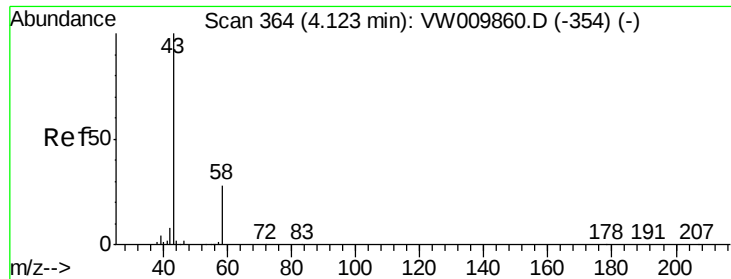
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#13

Acetone

Concen: 3.038 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009869.D

Acq: 10 Apr 2019 08:17

Instrument :

MSVOA_W

ClientSampleId :

DB6Z4

Tot Ion: 43 Resp: 4569

Ion Ratio Lower Upper

43 100

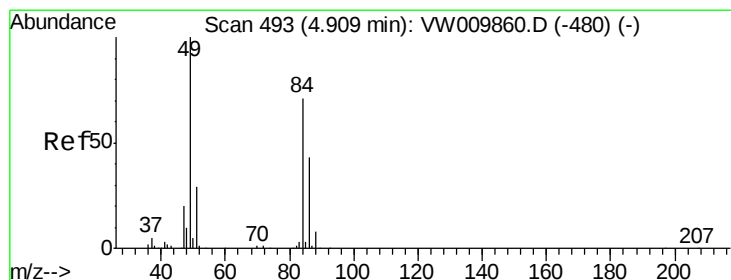
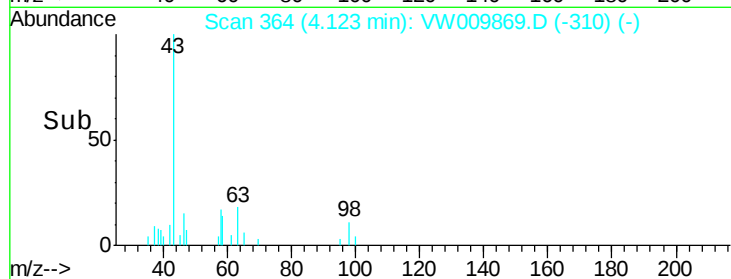
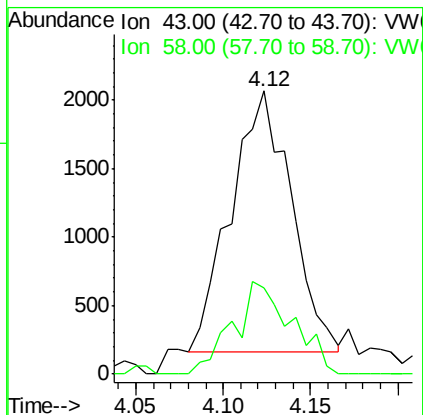
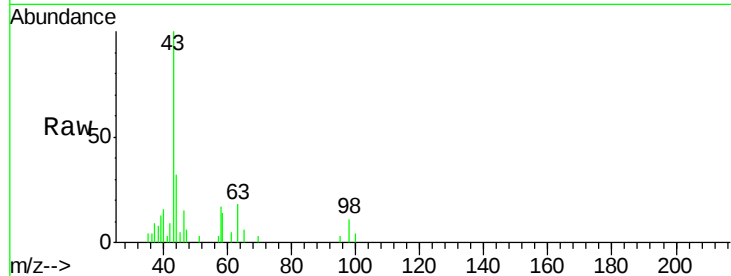
58 25.0 0.0 53.0

Manual Integrations

APPROVED

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4/11/2019 2:07:08 PM



#16

Methylene chloride

Concen: 2.348 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009869.D

Acq: 10 Apr 2019 08:17

Tgt Ion: 84 Resp: 13682

Ion Ratio Lower Upper

84 100

49 126.3 98.3 182.5

86 57.8 46.4 86.2

