

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040319\
 Data File : VW009682.D
 Acq On : 04 Apr 2019 03:38
 Operator : SY/VA
 Sample : K2188-04
 Misc : 4.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF660

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:48 AM

Quant Time: Apr 18 01:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	519168	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	184566	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
7) Chloroethane-d5	2.89	69	157501	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	4.01	63	295241	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.84%
20) 2-Butanone-d5	7.07	46	97010	43.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.96%
24) Chloroform-d	7.65	84	353715	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	217566	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	700703	27.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.88%
33) 1,2-Dichloropropane-d6	9.27	67	208705	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	10.32	98	637884	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.16%
38) trans-1,3-Dichloropropene-	10.58	79	88932	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.93	63	67593	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156598	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	206724	27.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.72%

Target Compounds					Ovalue
13) Acetone	4.12	43	29465	12.467 ug/L	94
16) Methylene chloride	4.91	84	28910m	3.157 ug/L	
21) 2-Butanone	7.18	43	6683	2.223 ug/L	80

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

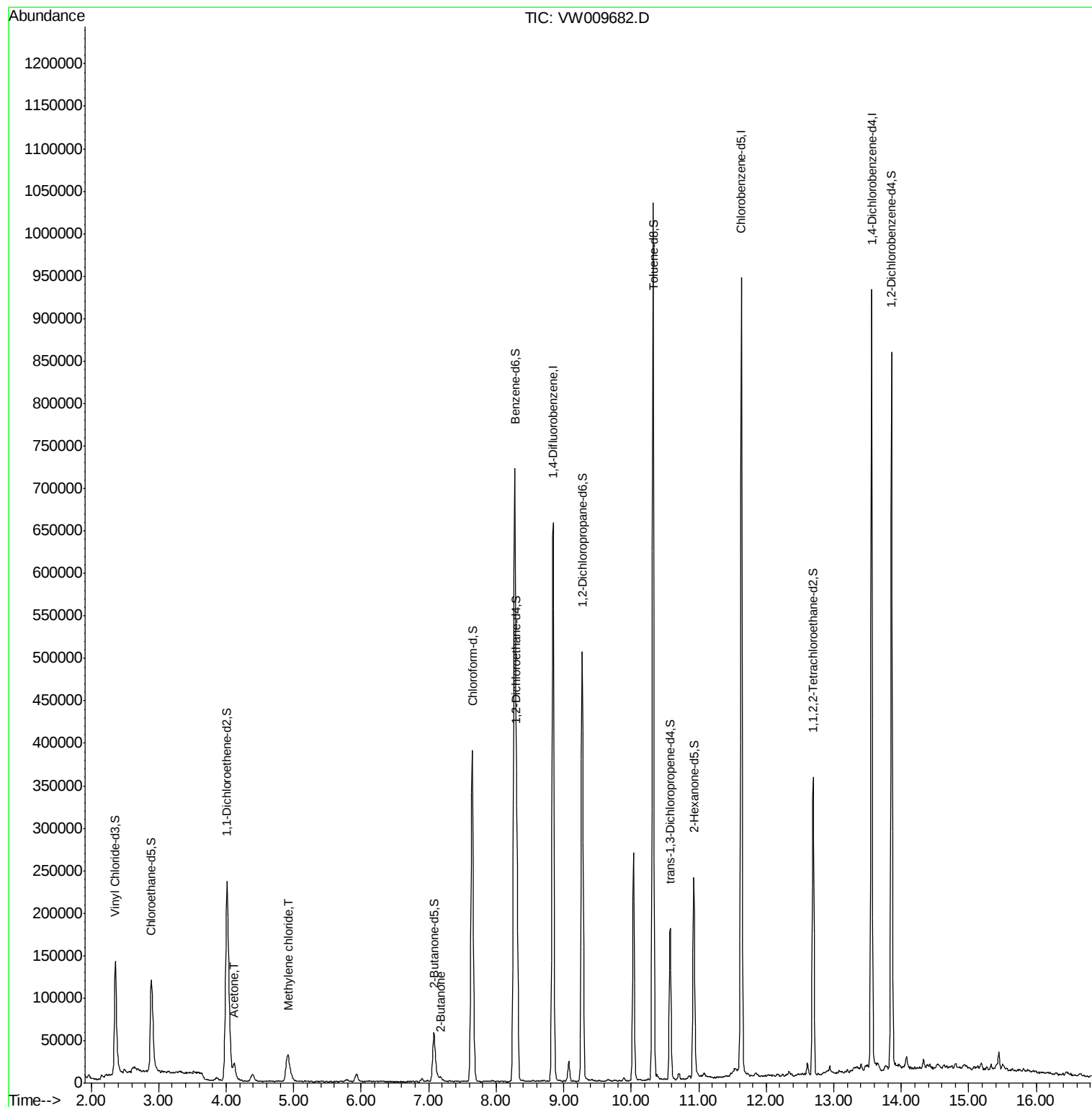
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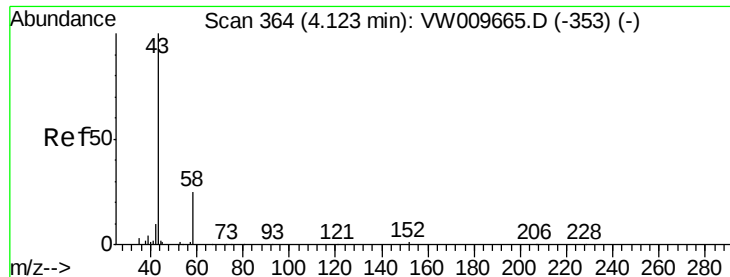
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QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.467 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009682.D

Acq: 04 Apr 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

BF660

Tot Ion: 43 Resp: 29465

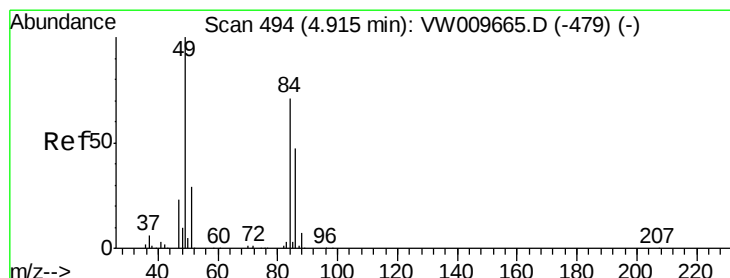
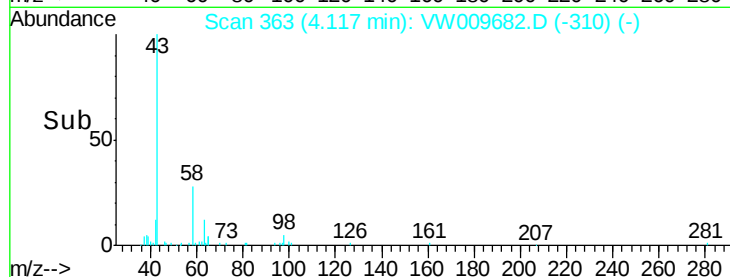
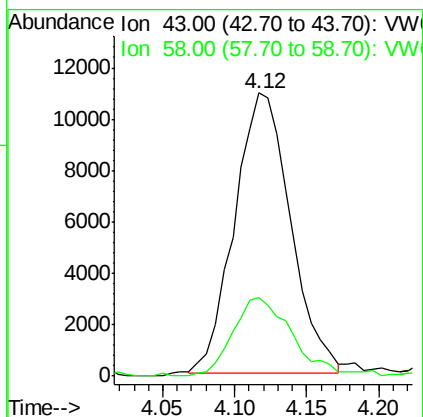
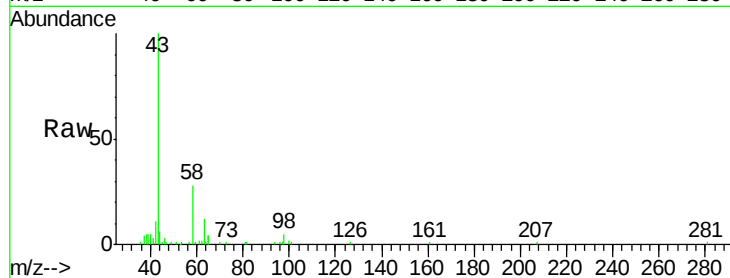
Ion Ratio Lower Upper

43 100

58 29.4 0.0 53.0

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#16

Methylene chloride

Concen: 3.157 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009682.D

Acq: 04 Apr 2019 03:38

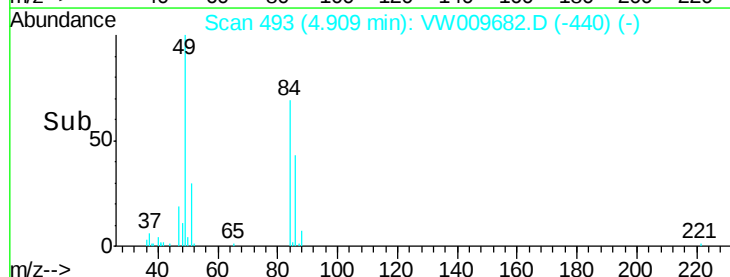
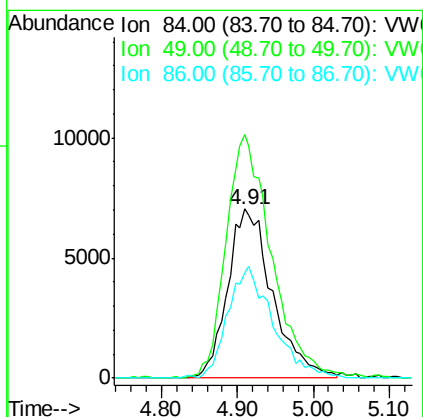
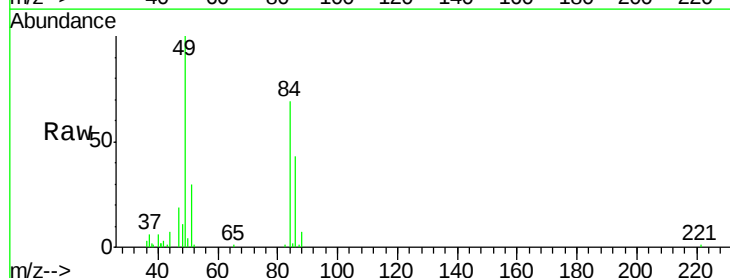
Tgt Ion: 84 Resp: 28910

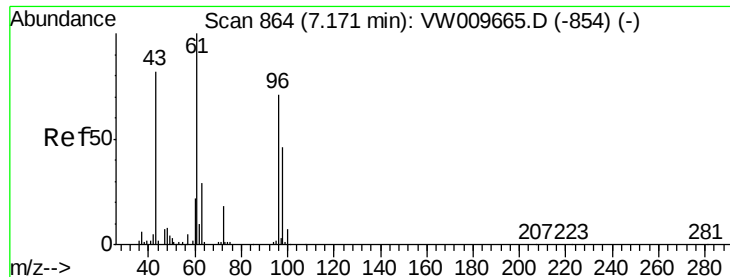
Ion Ratio Lower Upper

84 100

49 144.1 98.3 182.5

86 62.5 46.4 86.2





#21
 2-Butanone
 Concen: 2.223 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
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Tot Ion	Ratio	Lower	Upper
43	100		
72	14.1	12.0	36.1

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