

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009406.D
 Acq On : 23 Mar 2019 23:00
 Operator : SY/VA
 Sample : K2062-22
 Misc : 6.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0M8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:41 AM

Quant Time: Mar 24 01:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99245	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
7) Chloroethane-d5	2.89	69	101171	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	156668	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.08	46	65265m	35.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.22%
24) Chloroform-d	7.64	84	244216	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.30	65	140075	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	435011	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	138318	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.32	98	375910	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	55456	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.93	63	47431	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116939	20.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	144338	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds					Ovalue
13) Acetone	4.13	43	8170	5.436 ug/L	78
16) Methylene chloride	4.92	84	11172m	2.066 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	21097	4.056 ug/L	97

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

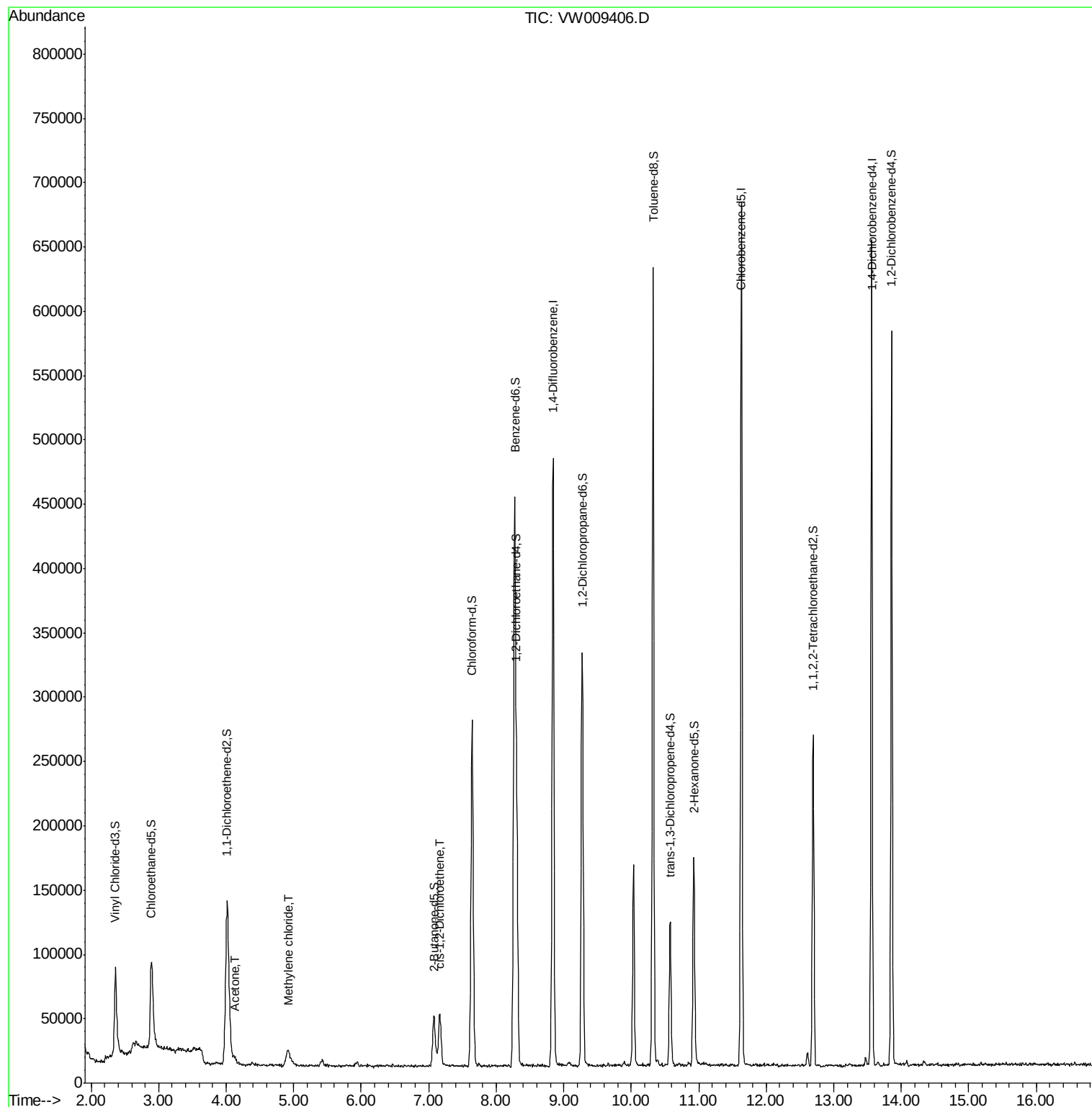
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032319\
Data File : VW009406.D
Acq On : 23 Mar 2019 23:00
Operator : SY/VA
Sample : K2062-22
Misc : 6.68G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

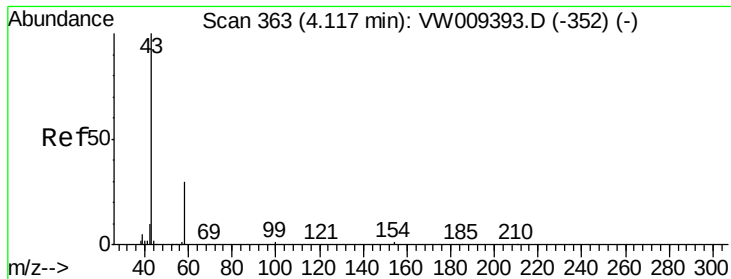
Instrument :
MSVOA_W
ClientSampleId :
BF0M8

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:33:41 AM

Quant Time: Mar 24 01:27:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.436 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009406.D

Acq: 23 Mar 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

BF0M8

Tot Ion: 43 Resp: 8170

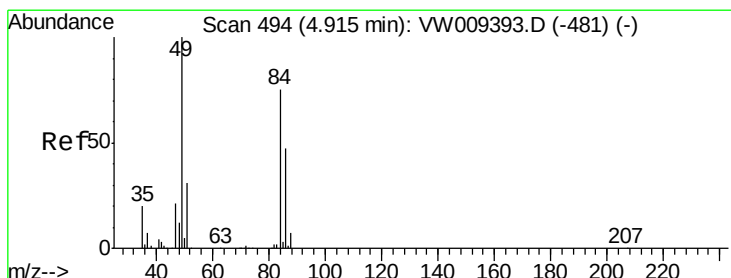
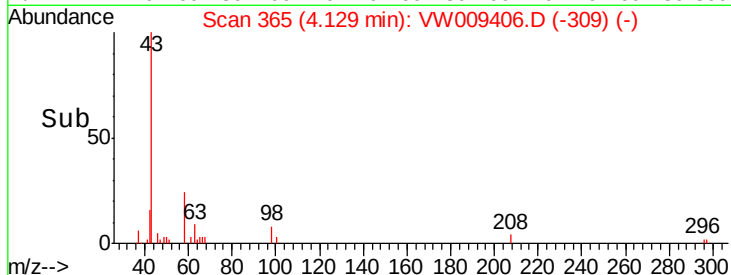
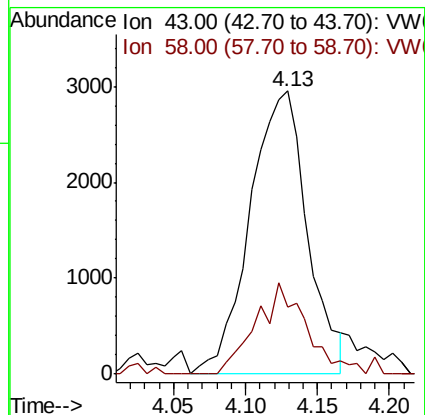
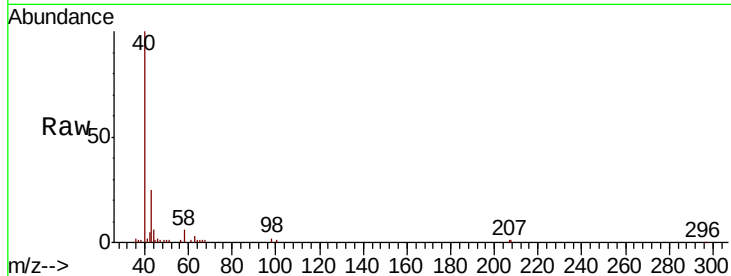
Ion Ratio Lower Upper

43 100

58 16.3 0.0 56.2

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:33:41 AM



#16

Methylene chloride

Concen: 2.066 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009406.D

Acq: 23 Mar 2019 23:00

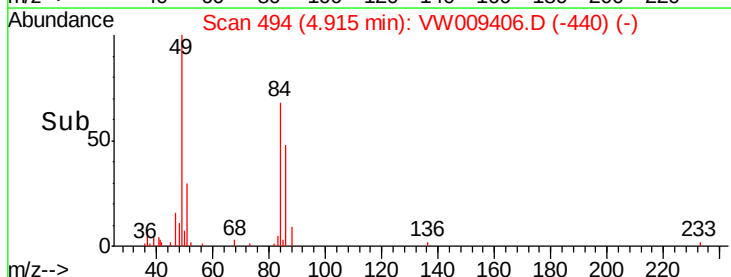
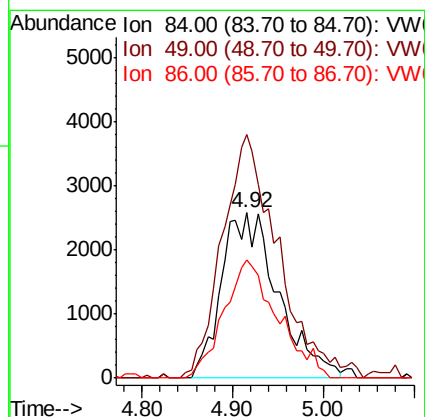
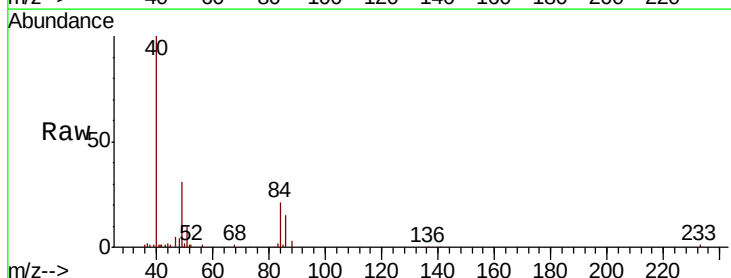
Tgt Ion: 84 Resp: 11172

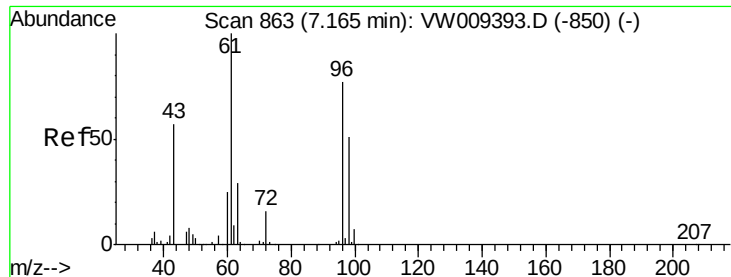
Ion Ratio Lower Upper

84 100

49 147.5 96.0 178.2

86 71.4 44.4 82.5





#22

cis-1,2-Dichloroethene
 Concen: 4.056 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009406.D
 Acq: 23 Mar 2019 23:00

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0M8

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	90.6	168.3
98	64.0	44.0	81.8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:41 AM

