

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010099.D
 Acq On : 23 Apr 2019 15:33
 Operator : SY/VA
 Sample : K2456-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHP8

Manual Integrations
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 4/25/2019 9:22:09 AM

Quant Time: Apr 24 04:44:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 03:51:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	770480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	682539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	279632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124069	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.16%
7) Chloroethane-d5	2.89	69	106648	14.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.84%
10) 1,1-Dichloroethene-d2	4.01	63	268004	13.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.08%
20) 2-Butanone-d5	7.07	46	140376	35.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.28%
24) Chloroform-d	7.65	84	390162	17.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.08%
26) 1,2-Dichloroethane-d4	8.31	65	234851m	16.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.96%#
29) Benzene-d6	8.27	84	752156	20.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.20%
33) 1,2-Dichloropropane-d6	9.27	67	243792	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.60%
37) Toluene-d8	10.32	98	642578	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.12%
38) trans-1,3-Dichloropropene-	10.58	79	96668	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	10.93	63	104225	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	189886	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	198076	18.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	14507	4.142 ug/L	95
16) Methylene chloride	4.91	84	46432	3.328 ug/L	95
44) Toluene	10.38	91	55242	1.295 ug/L	98

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

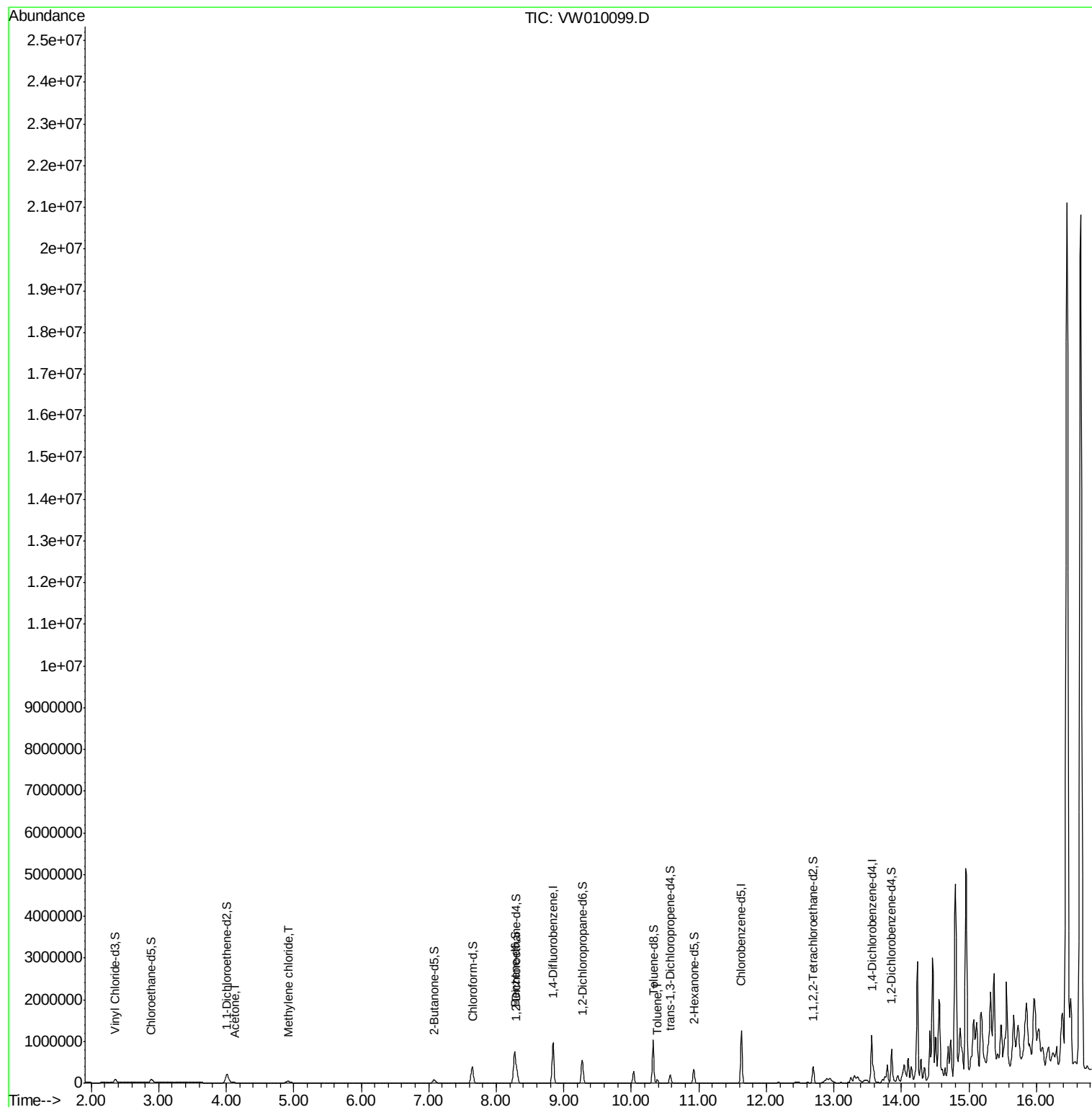
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
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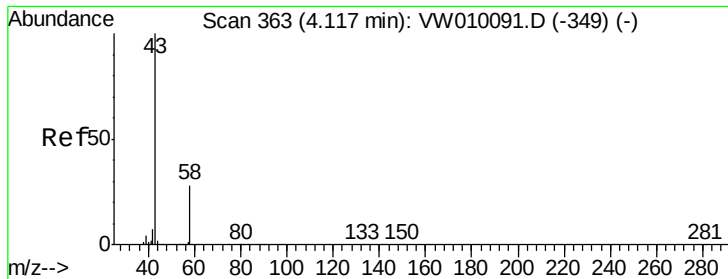
Instrument :
MSVOA_W
ClientSampleId :
GAHP8

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.142 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010099.D

Acq: 23 Apr 2019 15:33

Instrument :

MSVOA_W

ClientSampled :

GAHP8

Tot Ion: 43 Resp: 14507

Ion Ratio Lower Upper

43 100

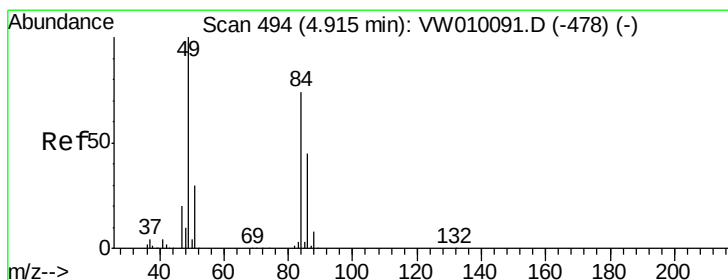
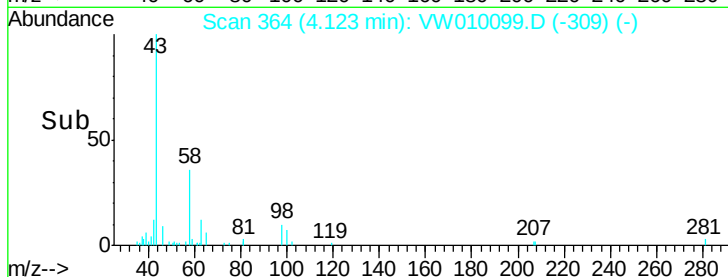
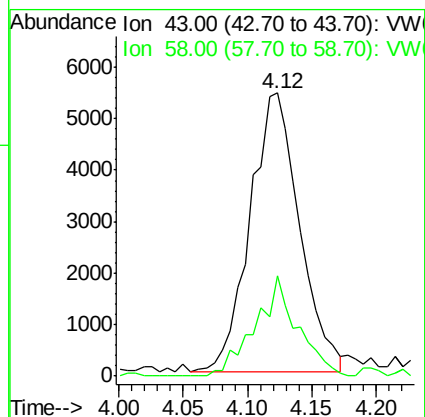
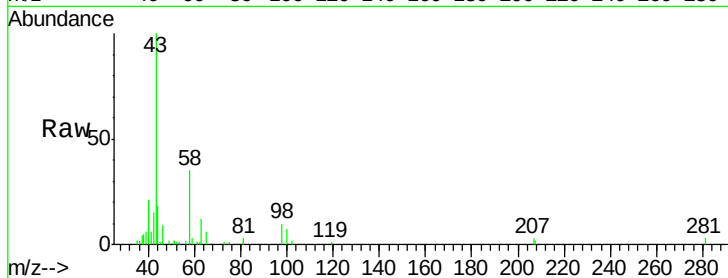
58 30.6 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 3.328 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010099.D

Acq: 23 Apr 2019 15:33

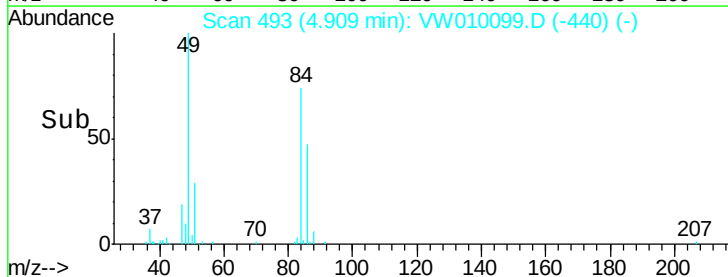
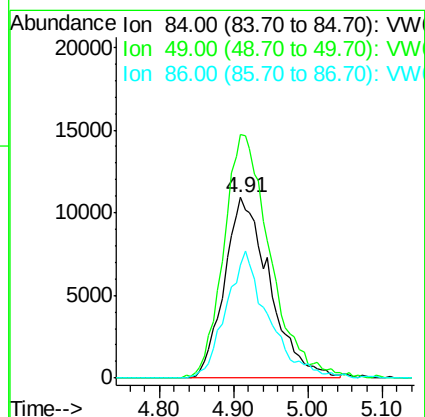
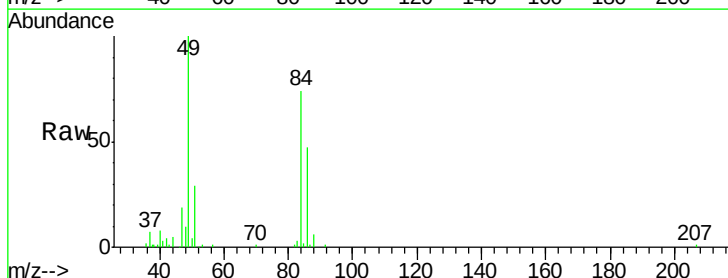
Tgt Ion: 84 Resp: 46432

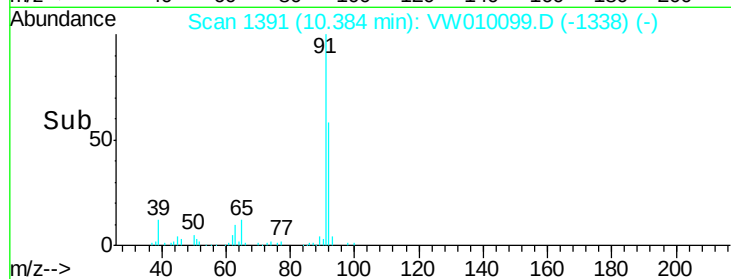
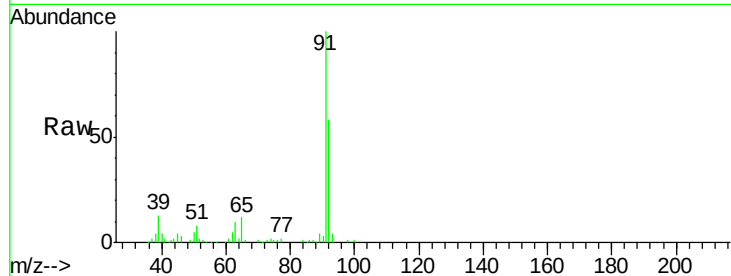
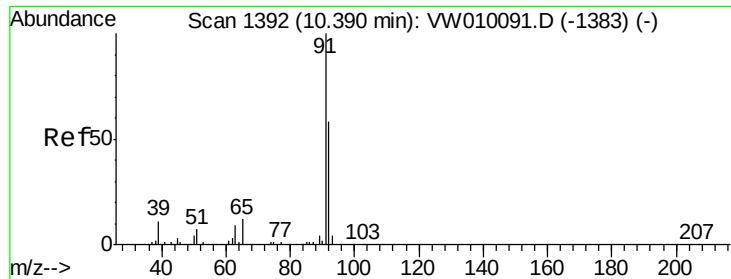
Ion Ratio Lower Upper

84 100

49 134.7 100.7 187.1

86 62.9 43.8 81.3





#44

Toluene

Concen: 1.295 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010099.D

Acq: 23 Apr 2019 15:33

Tot Ion: 91 Resp: 55242

Ion Ratio Lower Upper

91 100

92 58.4 39.8 74.0

Instrument :

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ClientSampled :

GAHP8

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