

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010066.D
 Acq On : 19 Apr 2019 14:49
 Operator : SY/VA
 Sample : K2455-16
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR6

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:02 AM

Quant Time: Apr 20 04:33:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	598927	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427094	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150916	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.64%
7) Chloroethane-d5	2.89	69	122049	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.01	63	265974	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	7.08	46	139098	45.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.86%
24) Chloroform-d	7.65	84	372638	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.31	65	226129	21.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.20%
29) Benzene-d6	8.27	84	694112	29.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.28%
33) 1,2-Dichloropropane-d6	9.27	67	221299	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.32	98	519367	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.57	79	97603	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.16%
39) 2-Hexanone-d5	10.93	63	115494	69.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156928	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	172651m	34.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.00%#

Target Compounds					Ovalue
13) Acetone	4.12	43	26967	9.905 ug/L	98
16) Methylene chloride	4.91	84	54227m	5.000 ug/L	
56) Styrene	12.18	104	28619	1.562 ug/L	80

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

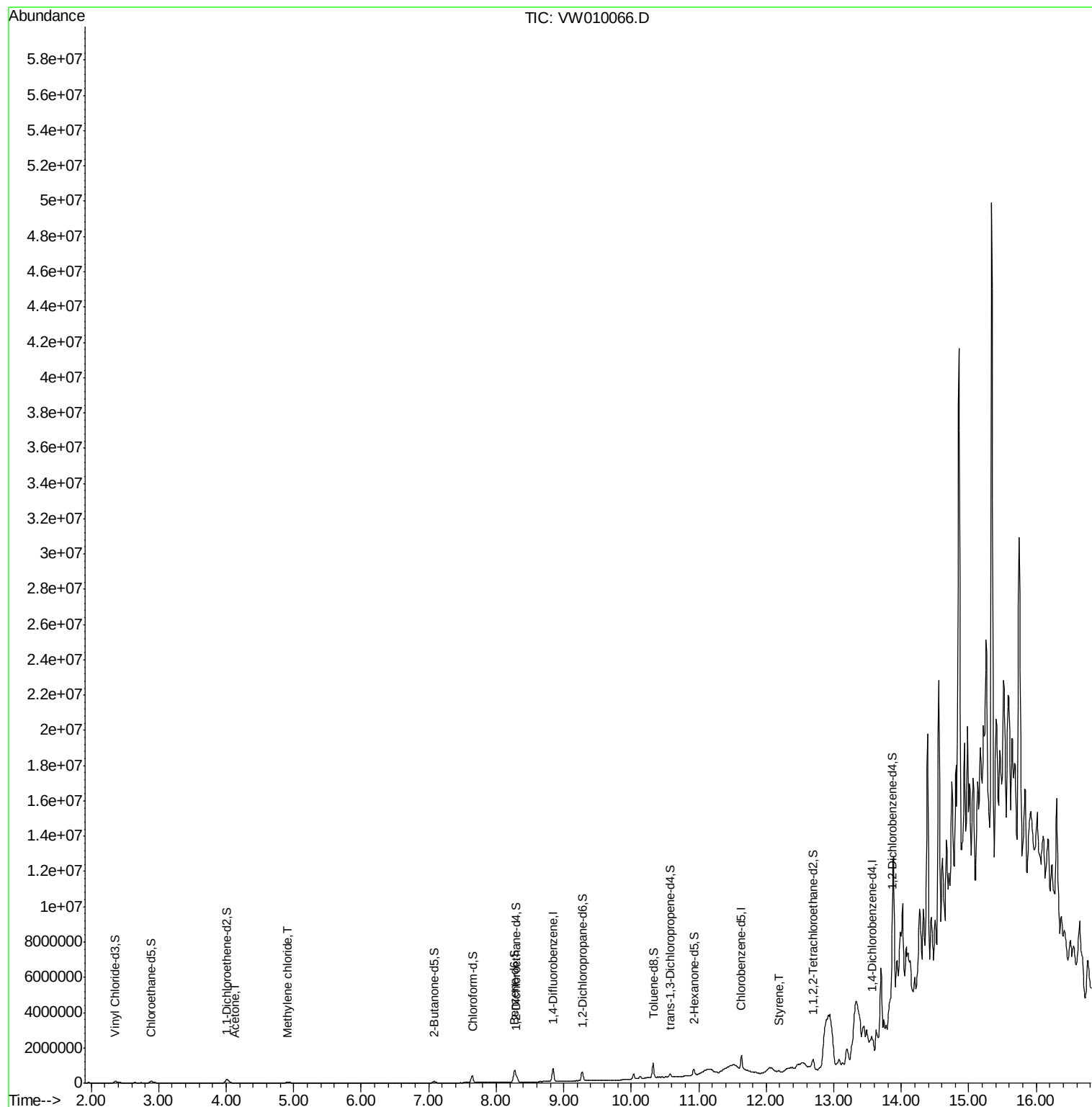
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
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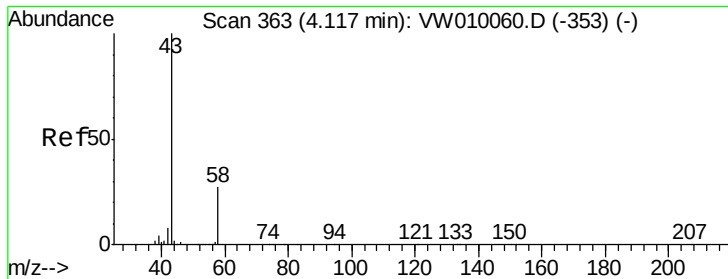
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.905 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010066.D

Acq: 19 Apr 2019 14:49

Instrument :

MSVOA_W

ClientSampled :

GAHR6

Tot Ion: 43 Resp: 26967

Ion Ratio Lower Upper

43 100

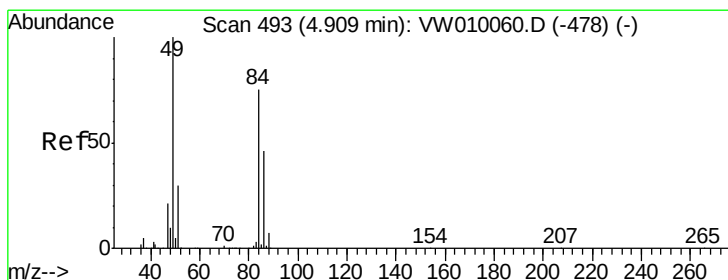
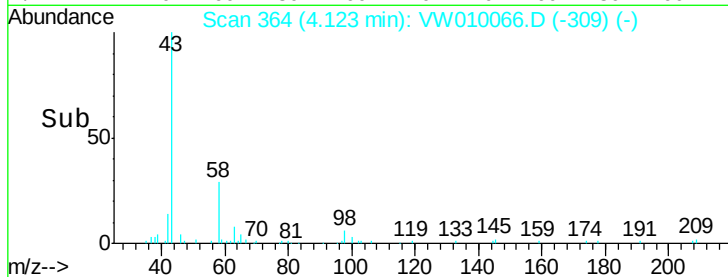
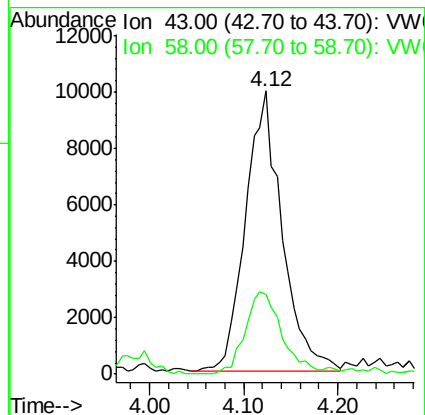
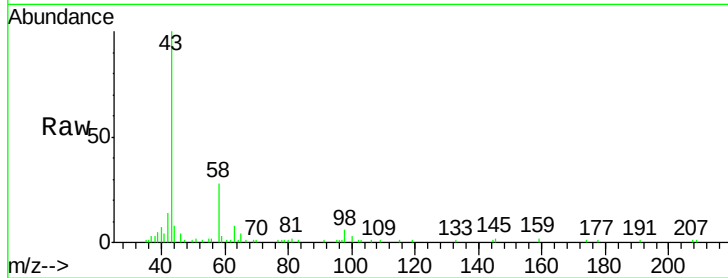
58 29.3 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 5.000 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW010066.D

Acq: 19 Apr 2019 14:49

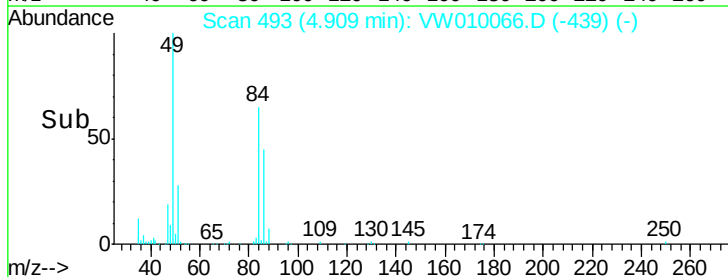
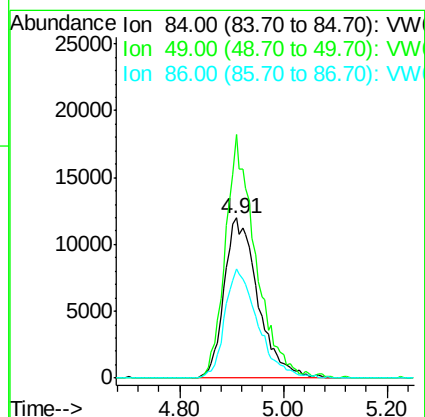
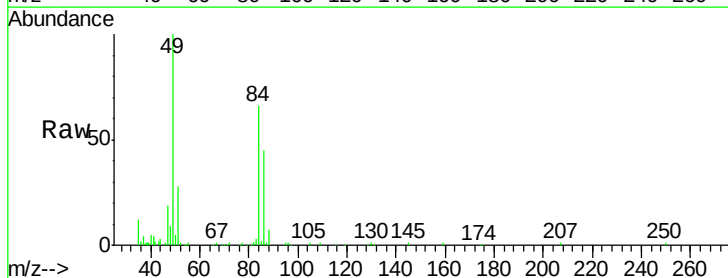
Tgt Ion: 84 Resp: 54227

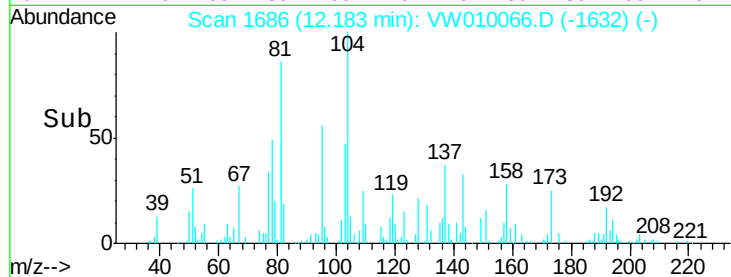
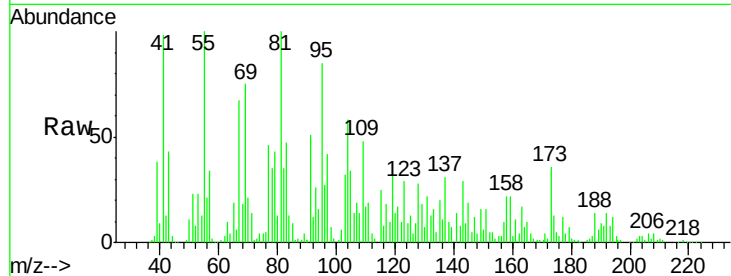
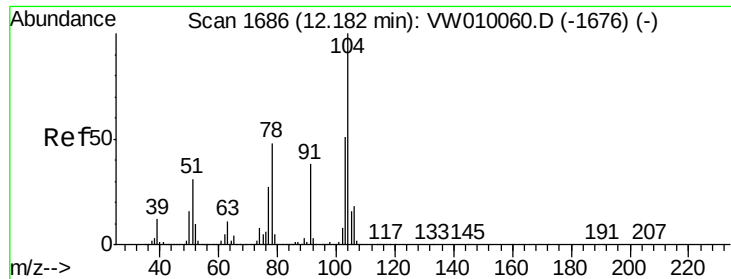
Ion Ratio Lower Upper

84 100

49 152.0 100.7 187.1

86 68.6 43.8 81.3





#56

Stvrene

Concen: 1.562 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010066.D

Acq: 19 Apr 2019 14:49

Tot Ion:104 Resp: 28619

Ion Ratio Lower Upper

104 100

78 60.1 32.7 60.7

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