

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010129.D
 Acq On : 25 Apr 2019 05:43
 Operator : SY/VA
 Sample : K2497-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:52:02 PM

Quant Time: Apr 25 08:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 08:08:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	656962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130860	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	115768	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.01	63	258191	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	7.08	46	103908	35.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.08%
24) Chloroform-d	7.65	84	391364m	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	8.31	65	218795	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	775602	27.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.80%
33) 1,2-Dichloropropane-d6	9.27	67	255568	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.32	98	622900	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	74030	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.28%
39) 2-Hexanone-d5	10.93	63	76697	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178927	24.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	140833	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	12332	5.510	ug/L	99
16) Methylene chloride	4.90	84	18406m	1.999	ug/L	
44) Toluene	10.39	91	27553	0.850	ug/L	92
56) Styrene	12.18	104	56984	2.626	ug/L	96

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

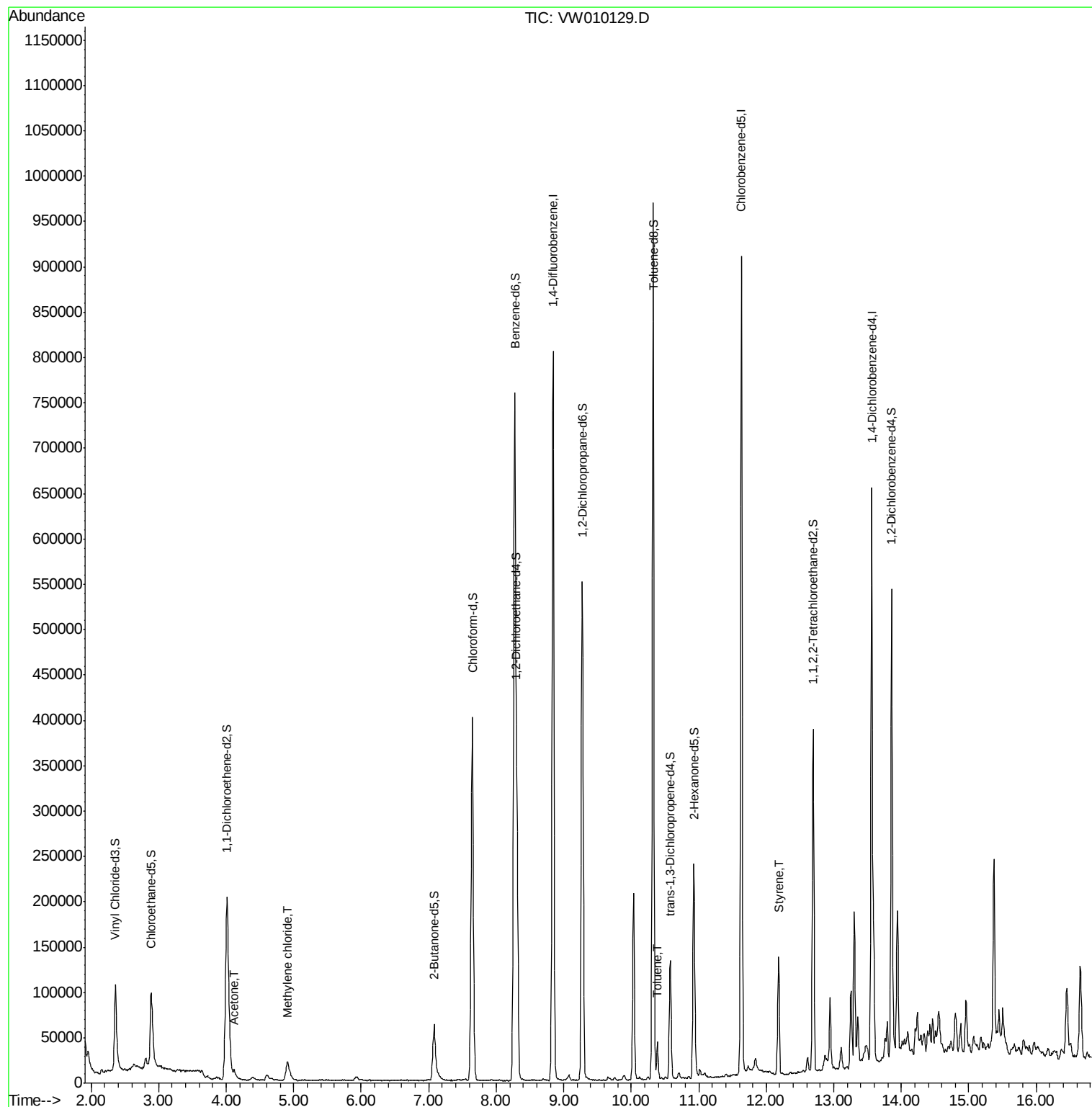
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010129.D
Acq On : 25 Apr 2019 05:43
Operator : SY/VA
Sample : K2497-02
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

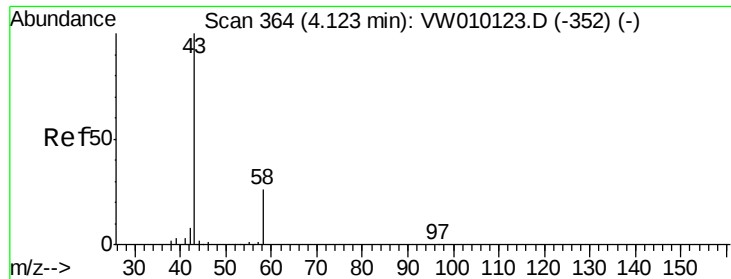
Instrument :
MSVOA_W
ClientSampleId :
GAHX8

Manual Integrations
APPROVED

MMdadoda
4/26/2019 12:52:02 PM

Quant Time: Apr 25 08:47:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 08:08:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.510 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010129.D

Acq: 25 Apr 2019 05:43

Instrument :

MSVOA_W

ClientSampled :

GAHX8

Tot Ion: 43 Resp: 12332

Ion Ratio Lower Upper

43 100

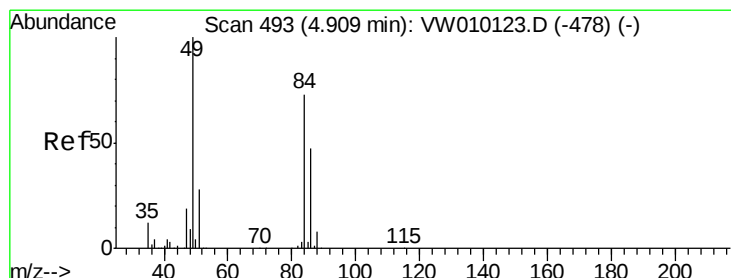
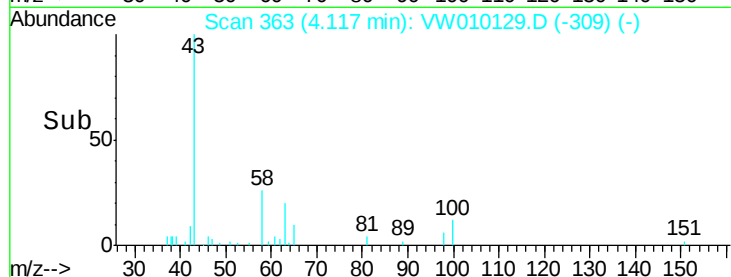
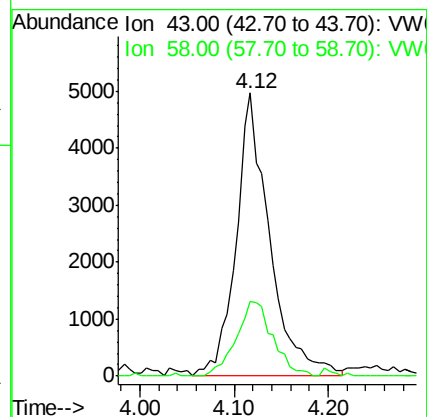
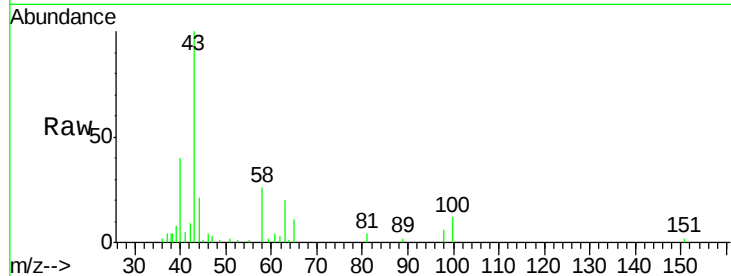
58 28.5 0.0 58.2

Manual Integrations

APPROVED

MMdadoda

4/26/2019 12:52:02 PM



#16

Methylene chloride

Concen: 1.999 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW010129.D

Acq: 25 Apr 2019 05:43

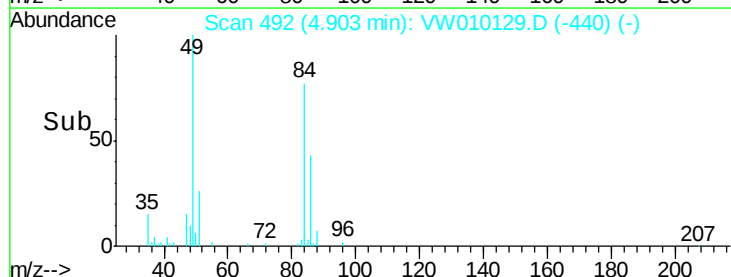
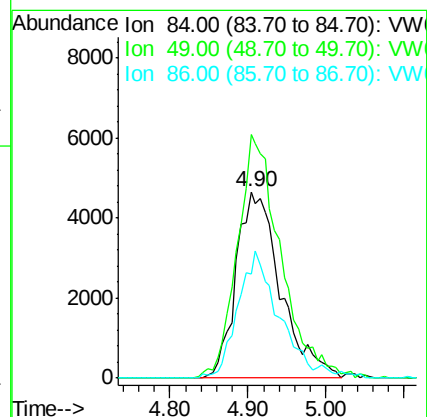
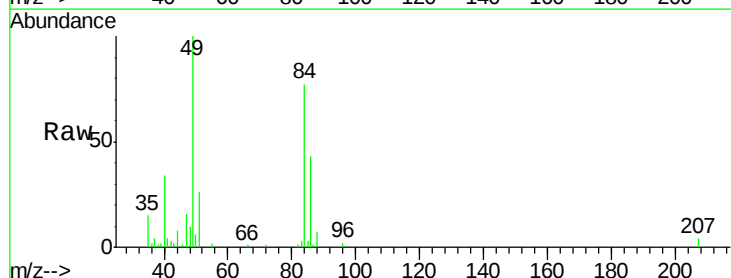
Tgt Ion: 84 Resp: 18406

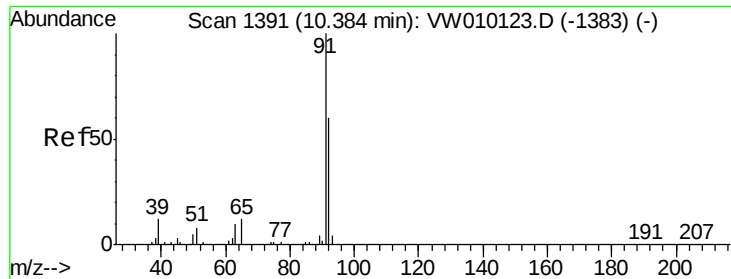
Ion Ratio Lower Upper

84 100

49 130.6 93.5 173.7

86 56.1 44.9 83.5





#44

Toluene

Concen: 0.850 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010129.D

Acq: 25 Apr 2019 05:43

Instrument :

MSVOA_W

ClientSampleId :

GAHX8

Tot Ion: 91 Resp: 27553

Ion Ratio Lower Upper

91 100

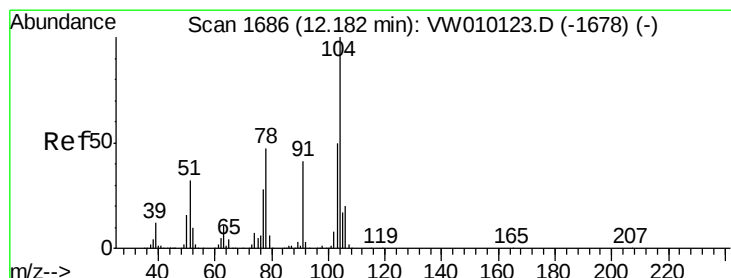
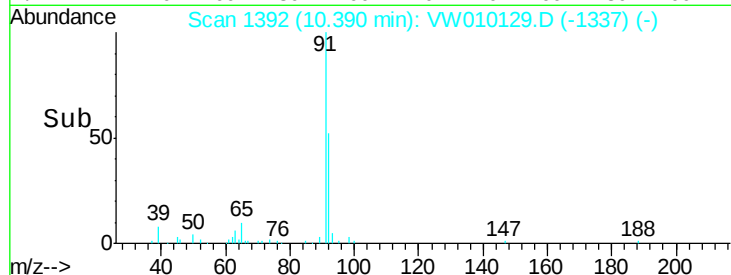
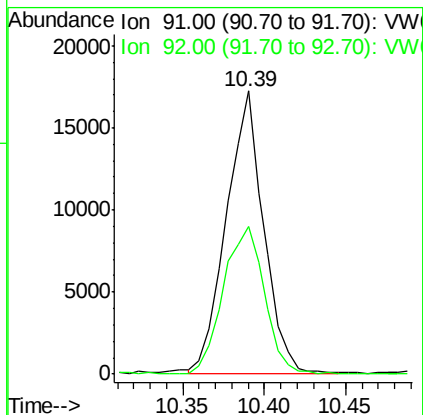
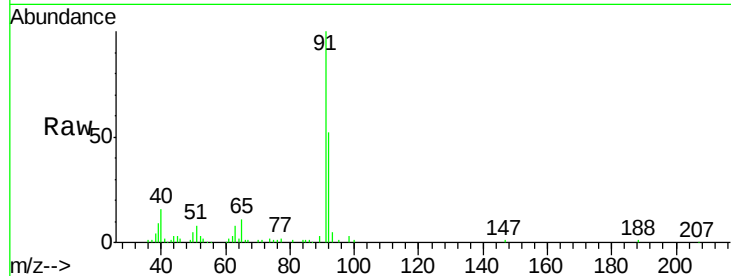
92 52.0 40.3 74.9

Manual Integrations

APPROVED

MMdadoda

4/26/2019 12:52:02 PM



#56

Styrene

Concen: 2.626 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010129.D

Acq: 25 Apr 2019 05:43

Tgt Ion: 104 Resp: 56984

Ion Ratio Lower Upper

104 100

78 44.9 33.4 62.0

