

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042219\
 Data File : VW010081.D
 Acq On : 22 Apr 2019 14:13
 Operator : SY/VA
 Sample : K2455-09
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ9

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:33:59 AM

Quant Time: Apr 23 07:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	764244	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	674396	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153543	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
7) Chloroethane-d5	2.89	69	131317	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	331391	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.07	46	139330	35.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.32%
24) Chloroform-d	7.65	84	456503	20.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	8.30	65	266789m	19.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.84%
29) Benzene-d6	8.27	84	862810	23.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.12%
33) 1,2-Dichloropropane-d6	9.27	67	272494	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	738364	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	114193	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	103165	39.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	200229	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	200277	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	10330	2.973 ug/L	96
16) Methylene chloride	4.91	84	74267	5.367 ug/L	96
44) Toluene	10.38	91	43338	1.028 ug/L	98
47) Tetrachloroethene	10.86	164	29635	3.673 ug/L	98
54) m,p-Xylene	11.83	106	10445	0.606 ug/L	95

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

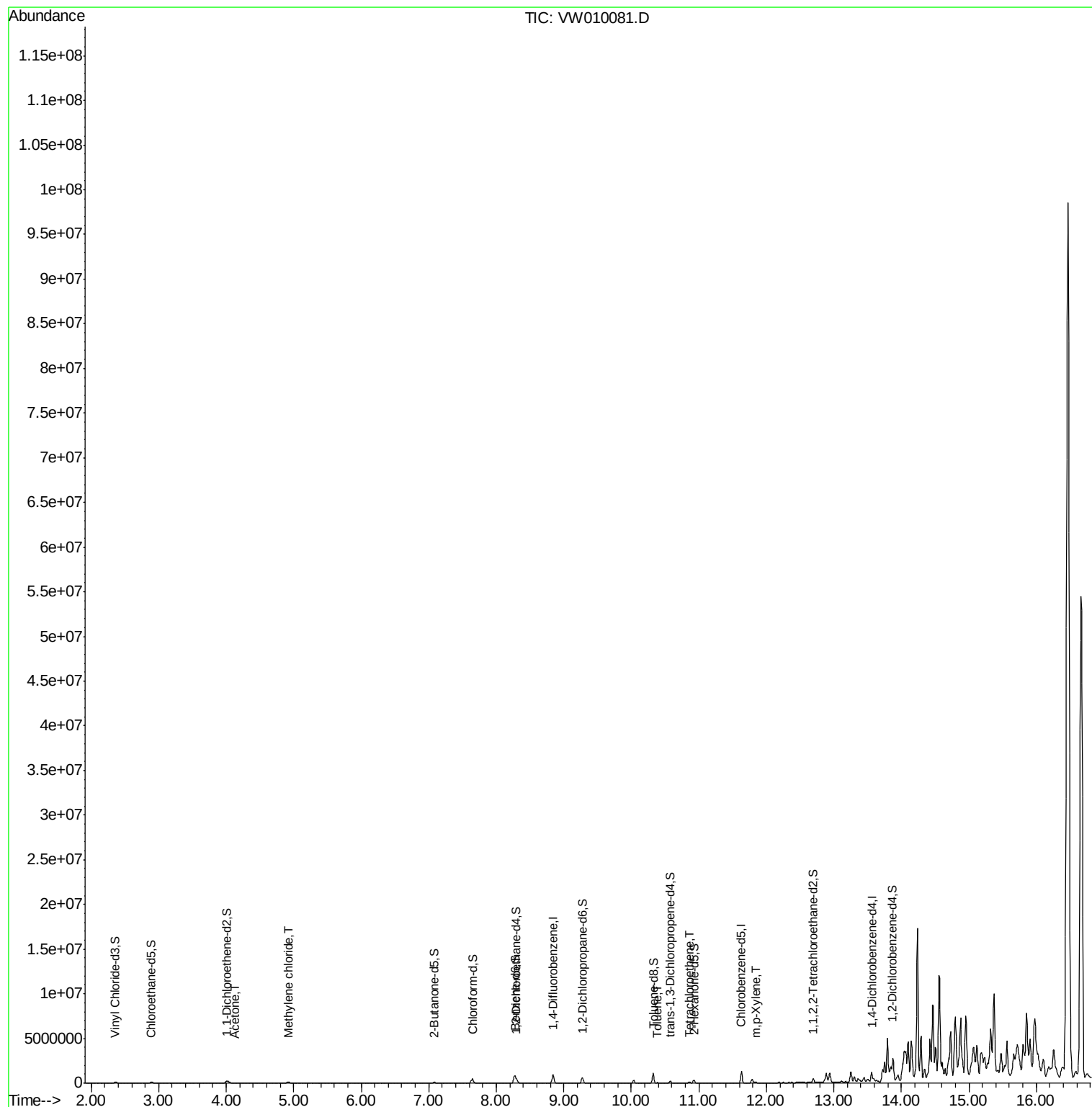
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042219\
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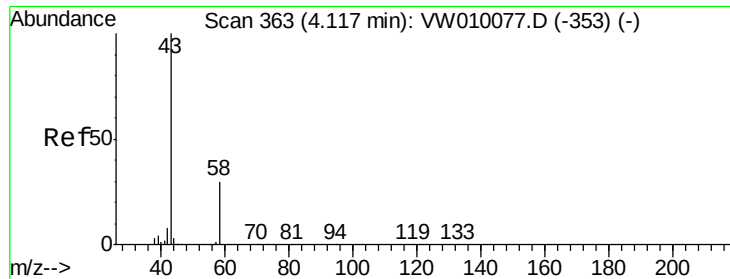
Instrument :
MSVOA_W
ClientSampleId :
GAHQ9

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Quant Time: Apr 23 07:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.973 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010081.D

Acq: 22 Apr 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

GAHQ9

Tot Ion: 43 Resp: 10330

Ion Ratio Lower Upper

43 100

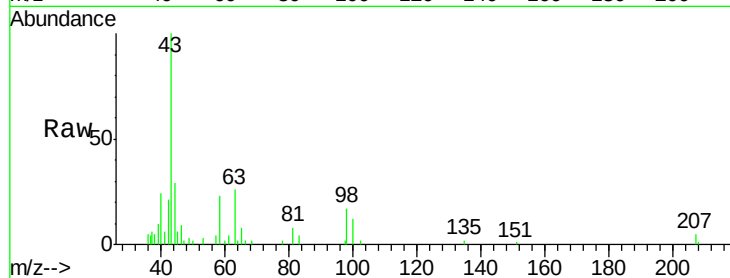
58 25.8 0.0 56.2

Manual Integrations

APPROVED

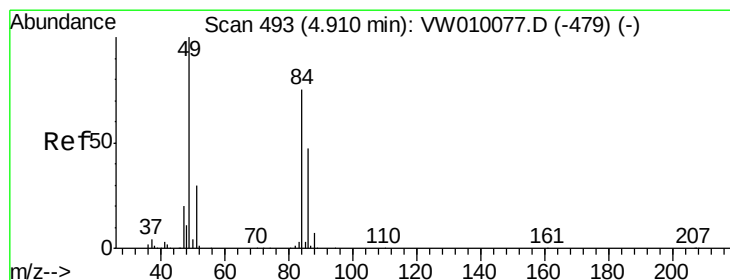
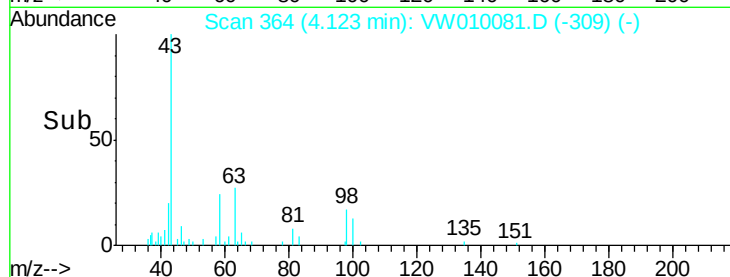
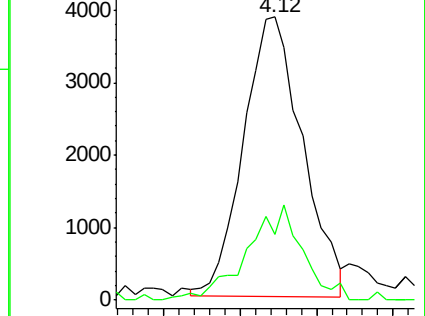
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.367 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW010081.D

Acq: 22 Apr 2019 14:13

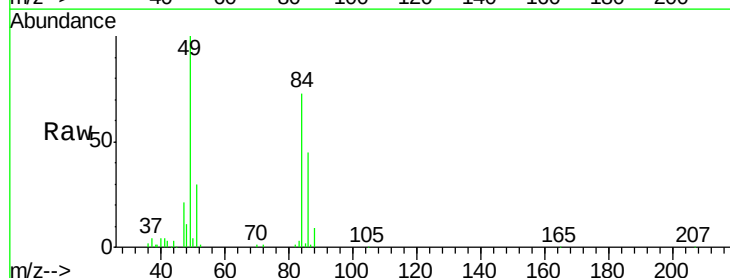
Tgt Ion: 84 Resp: 74267

Ion Ratio Lower Upper

84 100

49 137.3 100.7 187.1

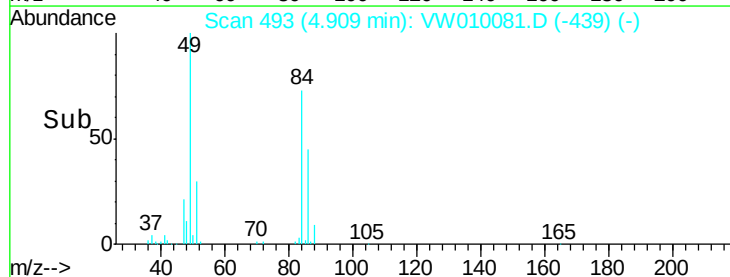
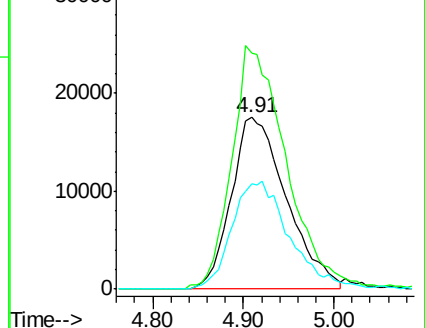
86 61.2 43.8 81.3

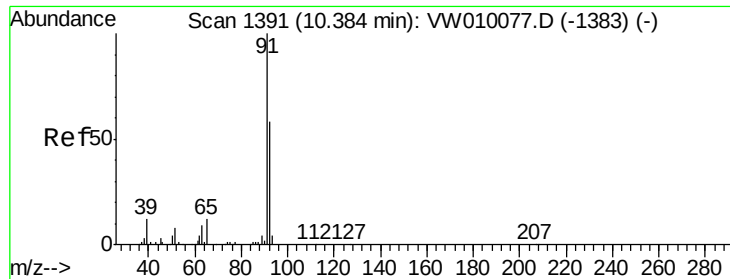


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 1.028 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010081.D

Acq: 22 Apr 2019 14:13

Instrument :

MSVOA_W

ClientSampled :

GAHQ9

Tot Ion: 91 Resp: 43338

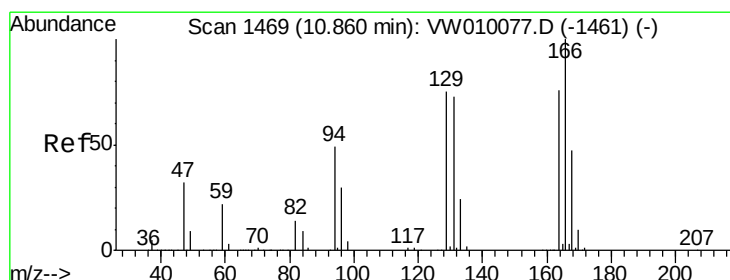
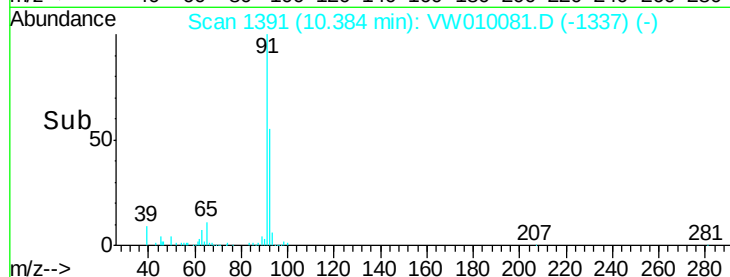
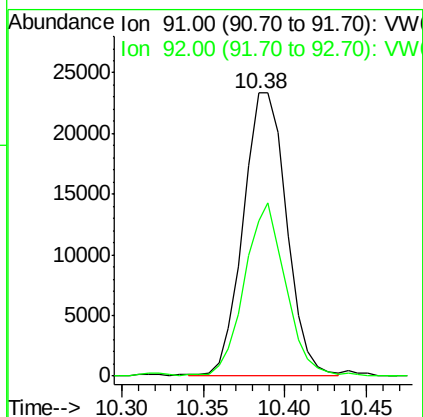
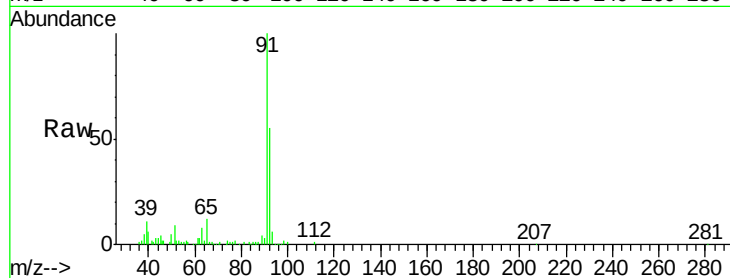
Ion Ratio Lower Upper

91 100

92 55.1 39.8 74.0

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#47

Tetrachloroethene

Concen: 3.673 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010081.D

Acq: 22 Apr 2019 14:13

Tgt Ion: 164 Resp: 29635

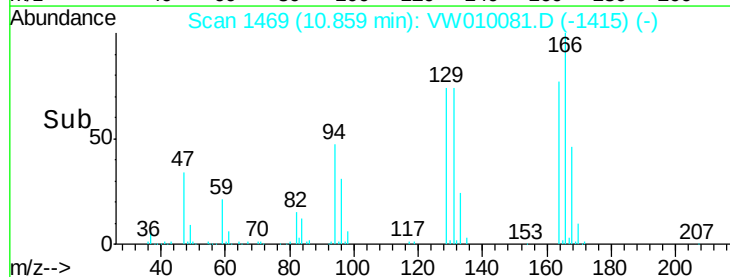
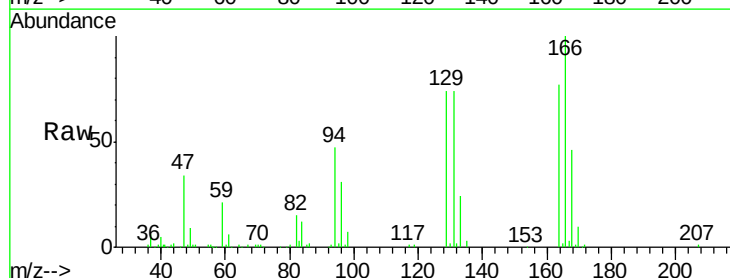
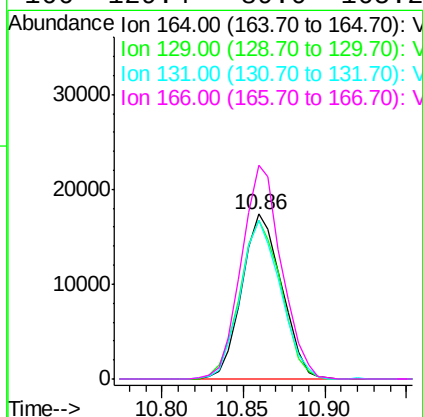
Ion Ratio Lower Upper

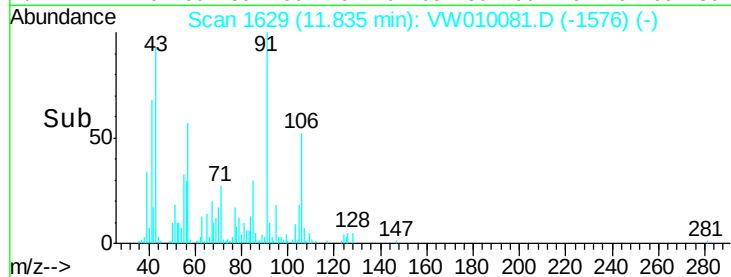
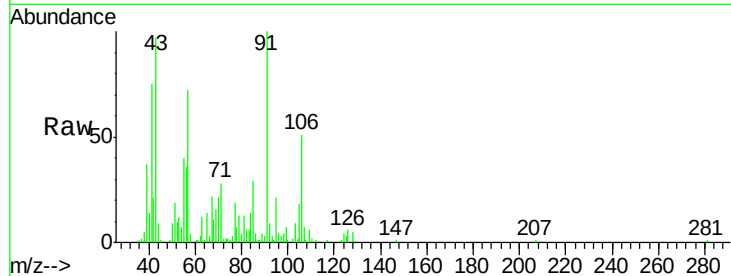
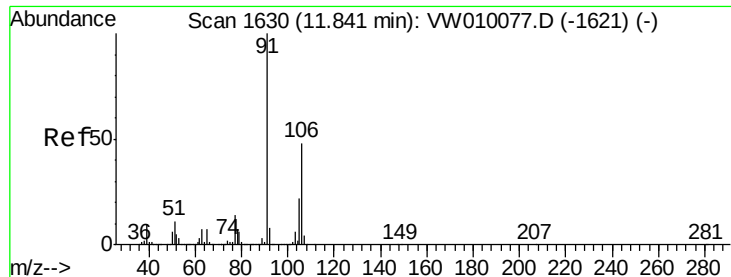
164 100

129 96.0 66.8 124.2

131 96.2 65.2 121.0

166 129.4 89.0 165.2





#54
 m,p-Xylene
 Concen: 0.606 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW010081.D
 Acq: 22 Apr 2019 14:13

Tot Ion:106 Resp: 10445
 Ion Ratio Lower Upper
 106 100
 91 197.4 143.4 266.2

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ9

Manual Integrations
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