

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009681.D
 Acq On : 04 Apr 2019 03:11
 Operator : SY/VA
 Sample : K2188-03
 Misc : 3.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF650

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:39 AM

Quant Time: Apr 04 04:13:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	488405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93518	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	217913	34.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.40%
7) Chloroethane-d5	2.89	69	174584	29.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.28%
10) 1,1-Dichloroethene-d2	4.01	63	309703	22.53	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.12%
20) 2-Butanone-d5	7.07	46	92809	44.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.46%
24) Chloroform-d	7.65	84	354933	26.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	8.30	65	206547	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	682051	37.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.16%#
33) 1,2-Dichloropropane-d6	9.27	67	197436	35.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.68%#
37) Toluene-d8	10.32	98	551830	33.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.28%#
38) trans-1,3-Dichloropropene-	10.57	79	35776	13.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.84%
39) 2-Hexanone-d5	10.92	63	62192	59.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96686	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	77485	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

					Ovalue
13) Acetone	4.12	43	18017	8.103 ug/L	97
14) Carbon disulfide	4.37	76	50909	2.525 ug/L	95
16) Methylene chloride	4.91	84	38498m	4.469 ug/L	
34) Benzene	8.32	78	22294	1.078 ug/L	100
44) Toluene	10.38	91	79848	3.644 ug/L	99
53) Ethylbenzene	11.73	91	111749	4.477 ug/L	99
54) m,p-Xylene	11.83	106	25697	2.783 ug/L	88
55) o-xylene	12.16	106	13057	1.485 ug/L	97

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

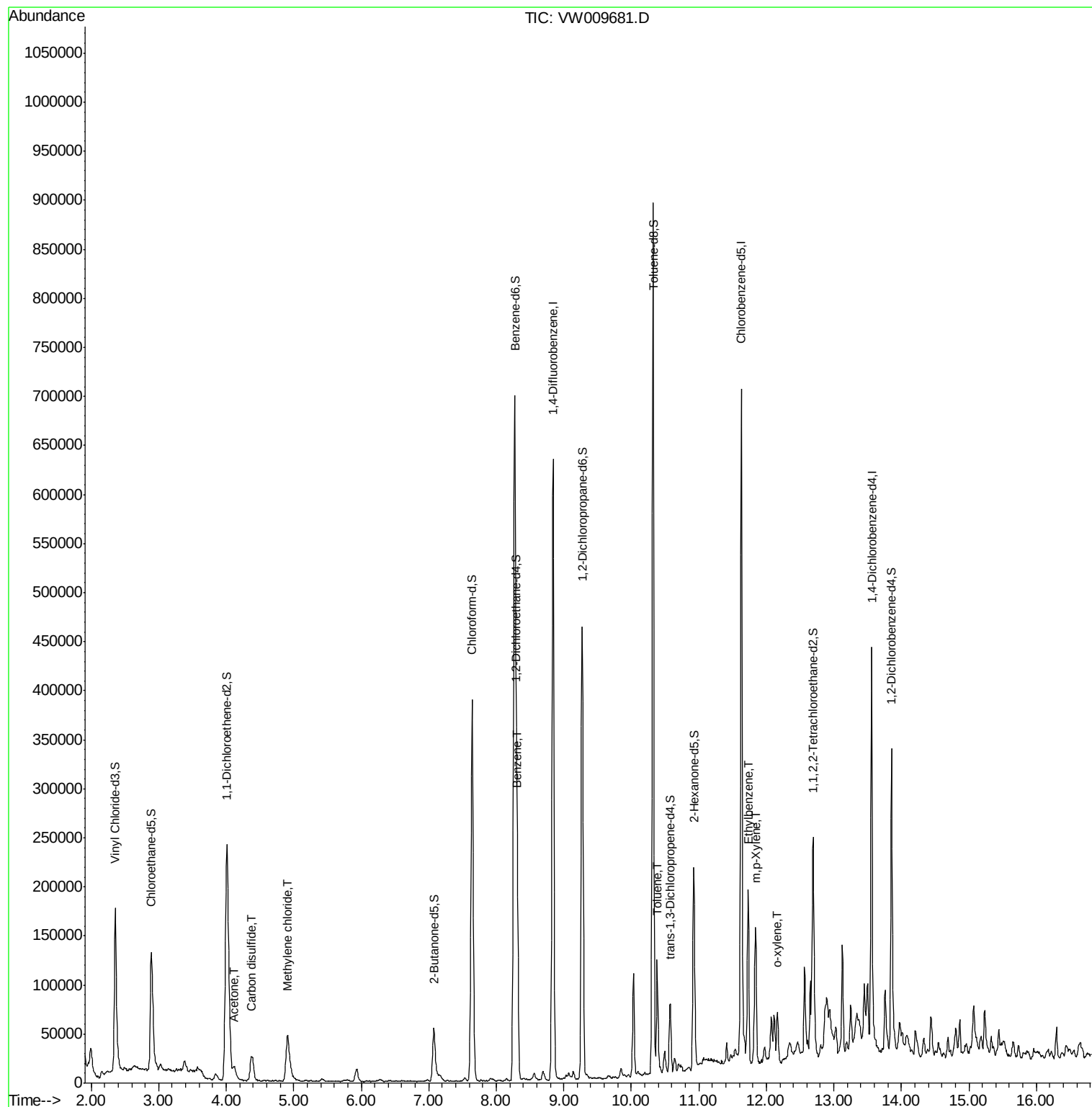
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\
Data File : VW009681.D
Acq On : 04 Apr 2019 03:11
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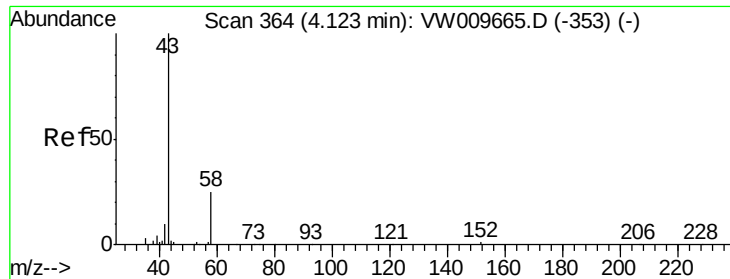
Instrument :
MSVOA_W
ClientSampleId :
BF650

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Quant Time: Apr 04 04:13:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.103 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009681.D

Acq: 04 Apr 2019 03:11

Instrument :

MSVOA_W

ClientSampleId :

BF650

Tot Ion: 43 Resp: 18017

Ion Ratio Lower Upper

43 100

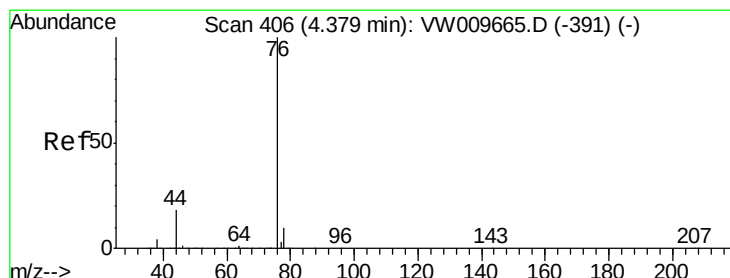
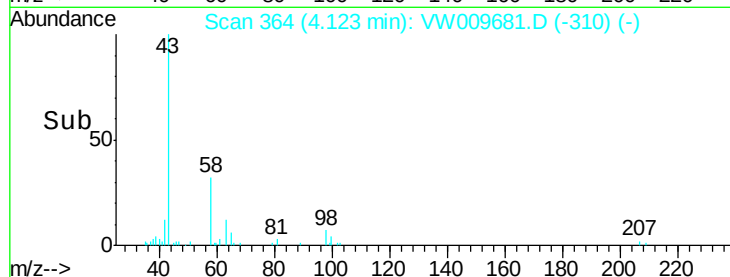
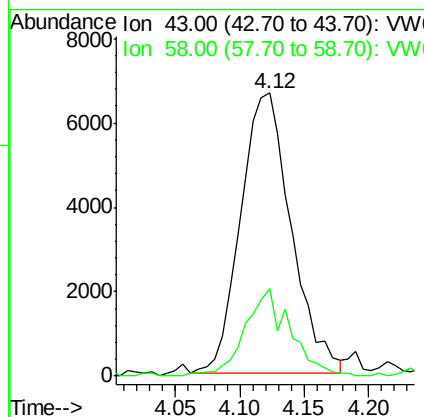
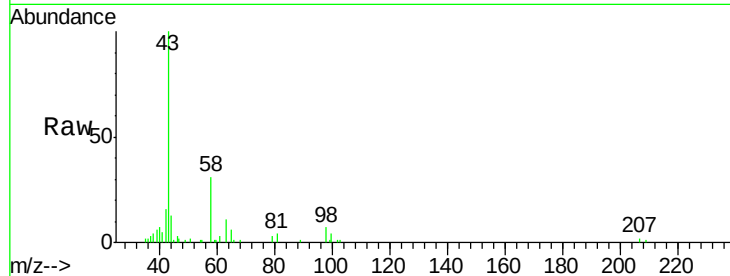
58 27.9 0.0 53.0

Manual Integrations

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#14

Carbon disulfide

Concen: 2.525 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009681.D

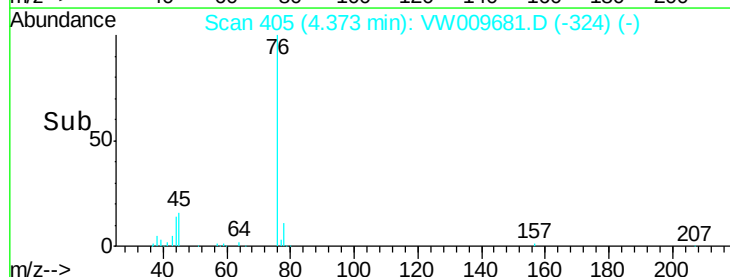
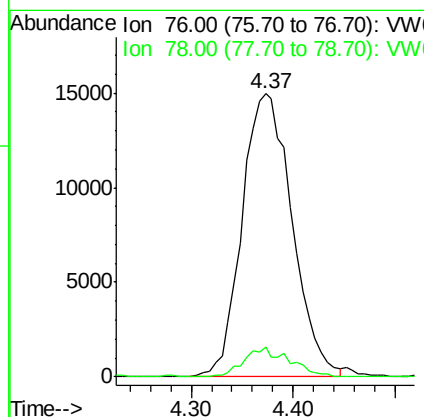
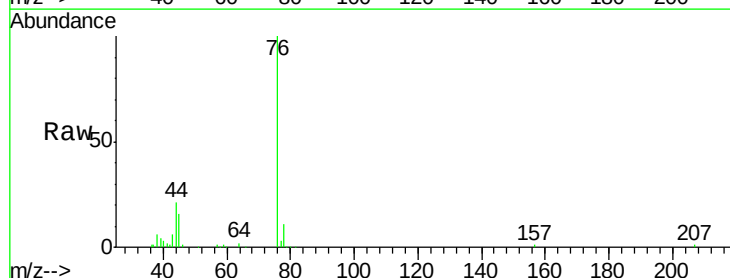
Acq: 04 Apr 2019 03:11

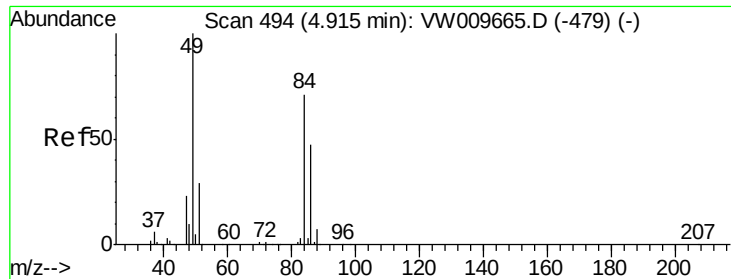
Tgt Ion: 76 Resp: 50909

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9





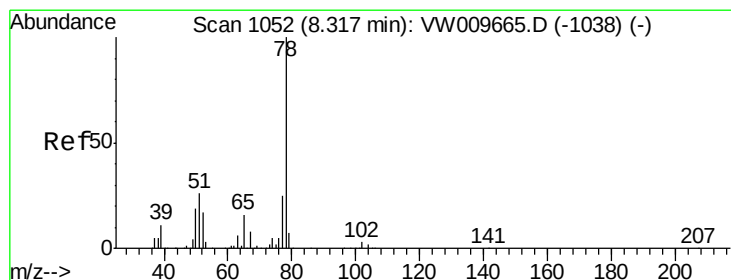
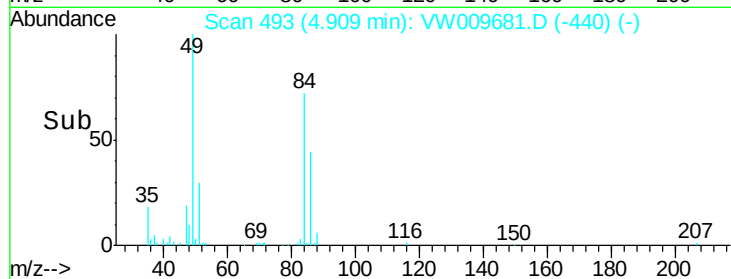
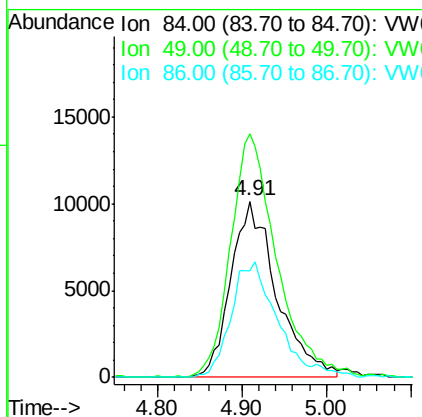
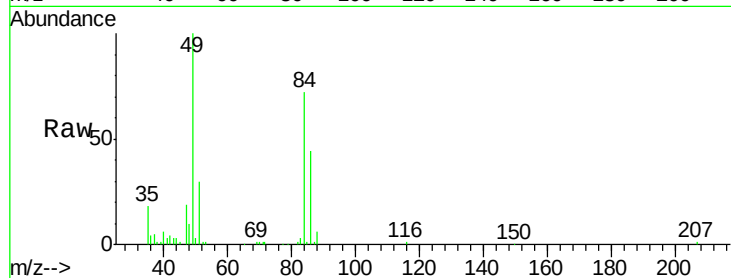
#16
Methvlene chloride
Concen: 4.469 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009681.D
Acq: 04 Apr 2019 03:11

Instrument :
MSVOA_W
ClientSampleId :
BF650

Tot Ion	Ratio	Lower	Upper
84	100		
49	138.2	98.3	182.5
86	60.4	46.4	86.2

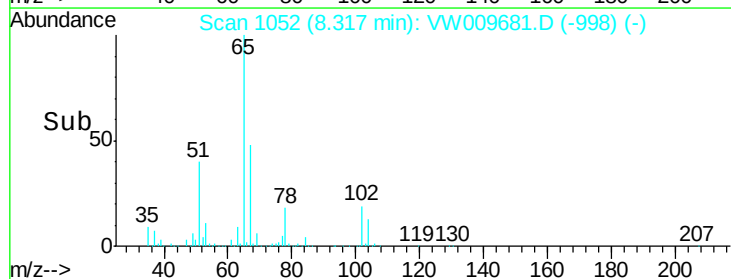
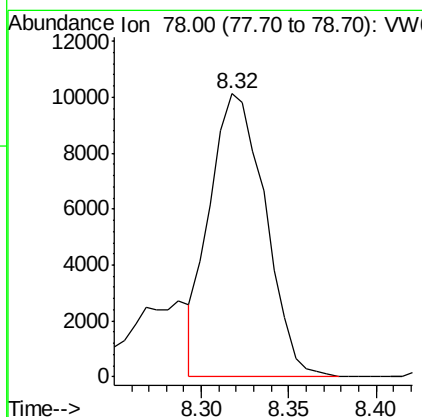
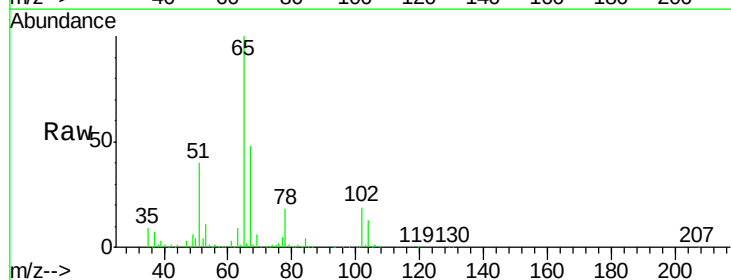
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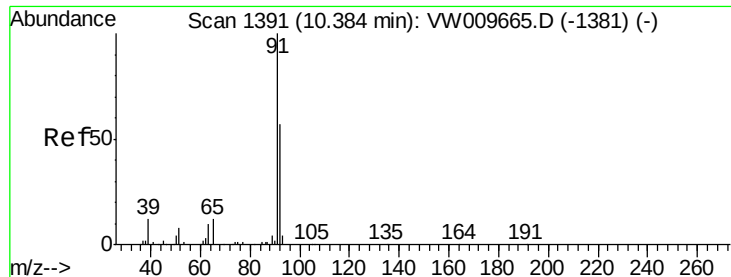
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#34
Benzene
Concen: 1.078 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW009681.D
Acq: 04 Apr 2019 03:11

Tgt Ion: 78 Resp: 22294





#44

Toluene

Concen: 3.644 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009681.D

Acq: 04 Apr 2019 03:11

Instrument :

MSVOA_W

ClientSampled :

BF650

Tot Ion: 91 Resp: 79848

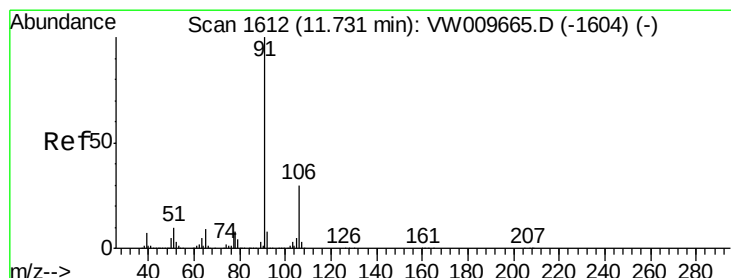
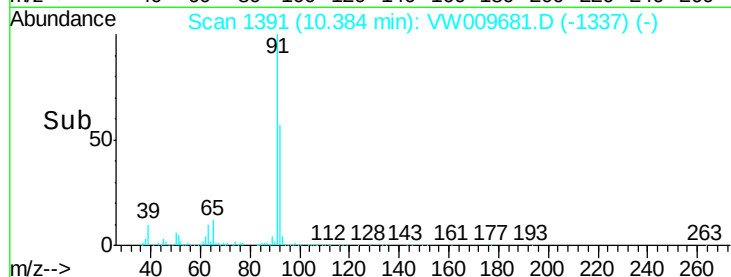
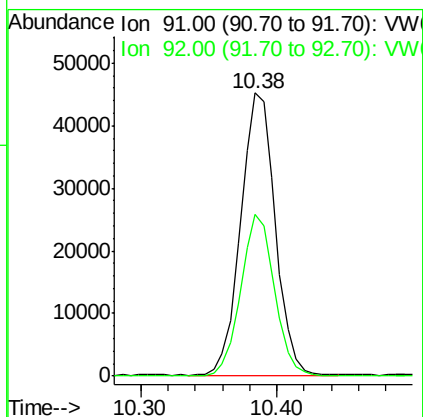
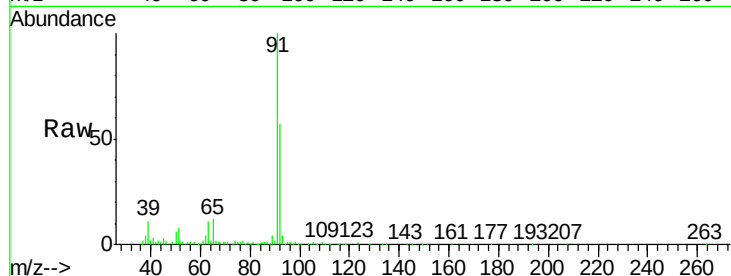
Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.1

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#53

Ethylbenzene

Concen: 4.477 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009681.D

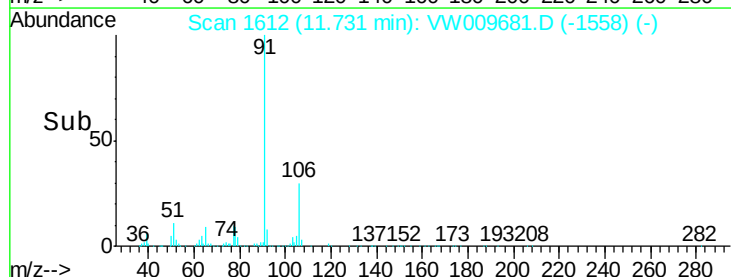
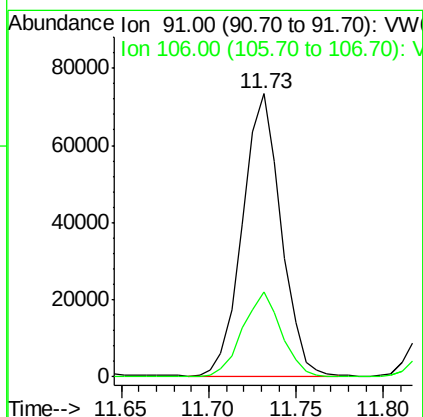
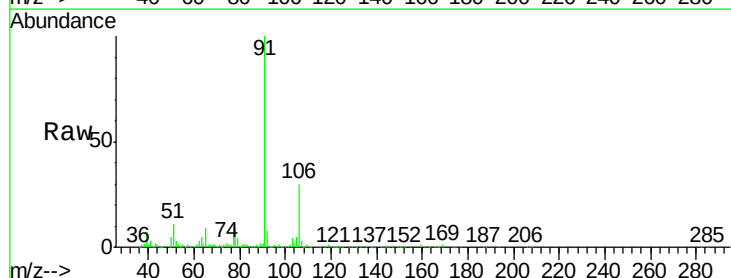
Acq: 04 Apr 2019 03:11

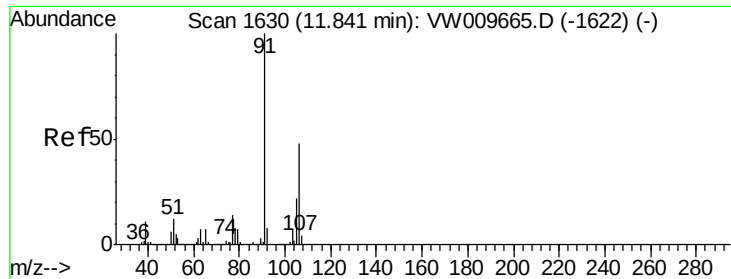
Tgt Ion: 91 Resp: 111749

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9





#54

m,p-Xylene

Concen: 2.783 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009681.D

Acq: 04 Apr 2019 03:11

Instrument :

MSVOA_W

ClientSampled :

BF650

Tot Ion:106 Resp: 25697

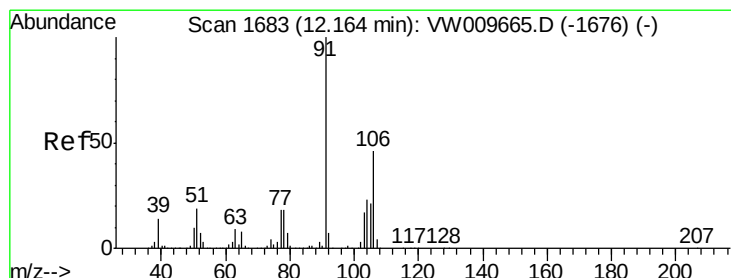
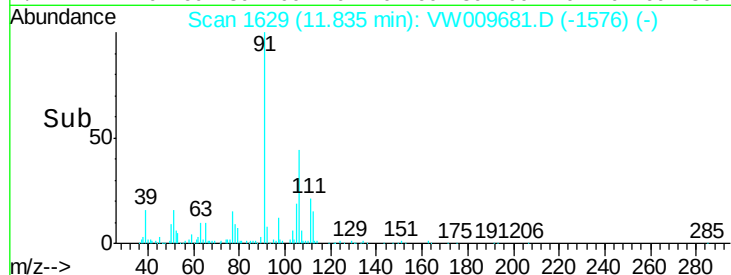
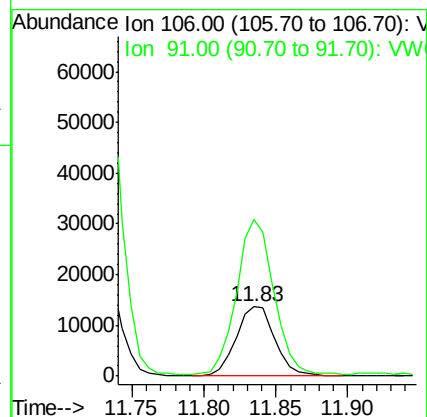
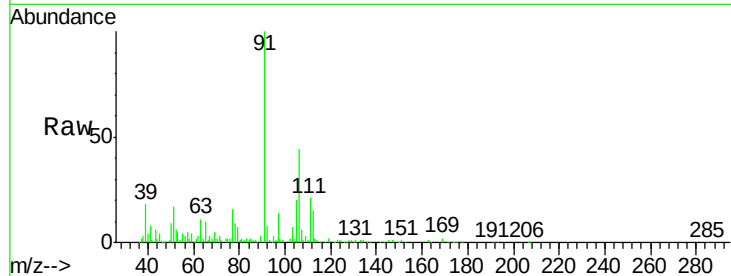
Ion Ratio Lower Upper

106 100

91 226.1 145.3 269.9

Manual Integrations
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4/10/2019 8:53:39 AM



#55

o-xylene

Concen: 1.485 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009681.D

Acq: 04 Apr 2019 03:11

Tgt Ion:106 Resp: 13057

Ion Ratio Lower Upper

106 100

91 215.4 153.9 285.7

