

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014351.D
 Acq On : 13 Dec 2019 15:56
 Operator : SY/VA
 Sample : K6270-02
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK80

Manual Integrations
 APPROVED

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Quant Time: Dec 14 05:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1263480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1146405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	509424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	360288	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	287453	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.02	63	514559	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.92%
20) 2-Butanone-d5	7.07	46	279930	56.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.30%
24) Chloroform-d	7.64	84	719335	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.30	65	420960m	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.84%
29) Benzene-d6	8.27	84	1489137	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.27	67	481347	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.16%
37) Toluene-d8	10.32	98	1317399	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	10.57	79	196778	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.92	63	241450	58.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	439619	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	454878	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	29532	6.144 ug/L	97
30) Cyclohexane	7.95	56	23881	0.835 ug/L #	60
34) Benzene	8.32	78	85965	1.184 ug/L	100
44) Toluene	10.38	91	203580	2.675 ug/L	98
53) Ethylbenzene	11.73	91	65124	0.789 ug/L	98
54) m,p-Xylene	11.83	106	39078	1.230 ug/L	96
55) o-xylene	12.16	106	15055	0.500 ug/L	97

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

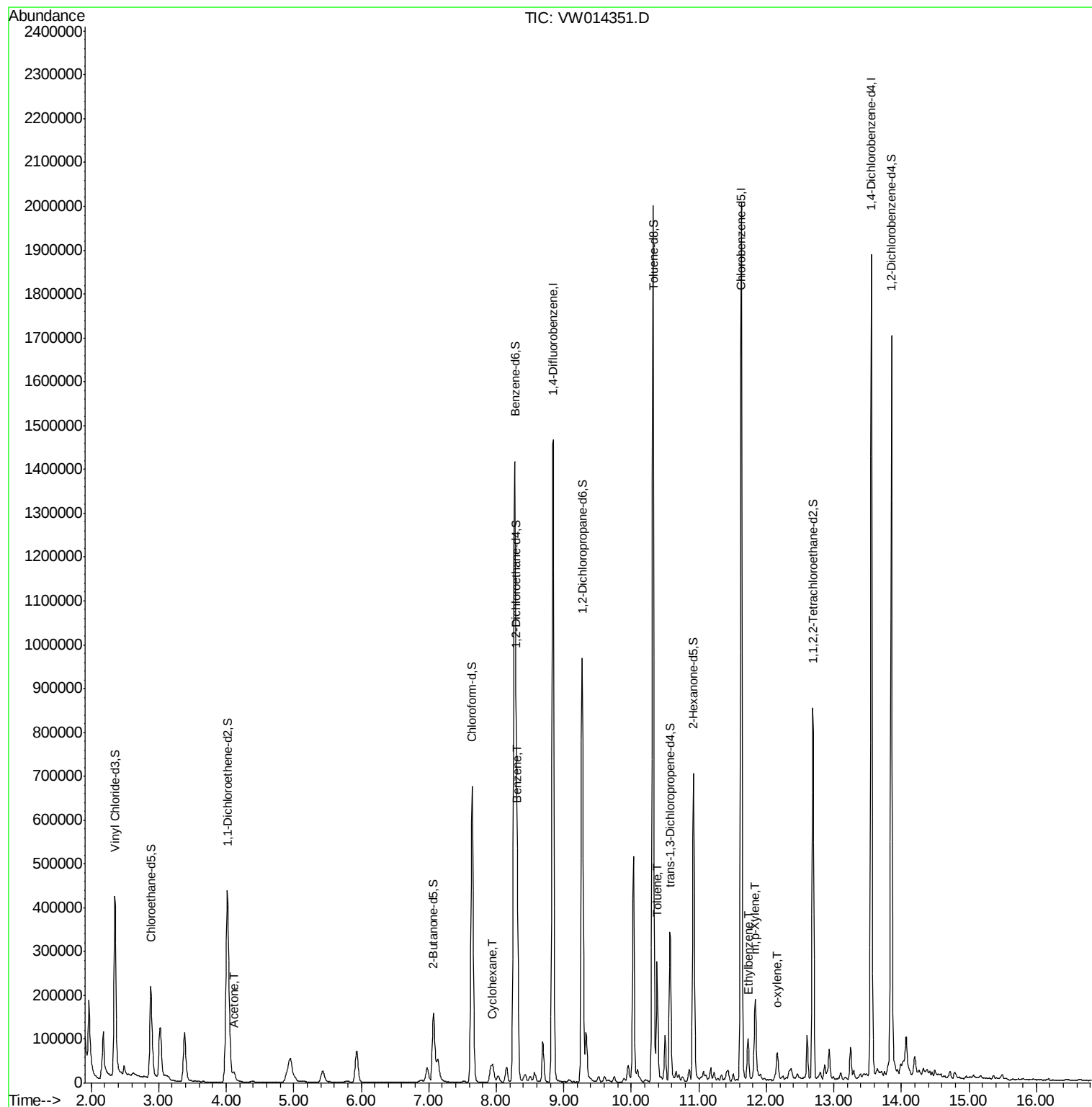
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
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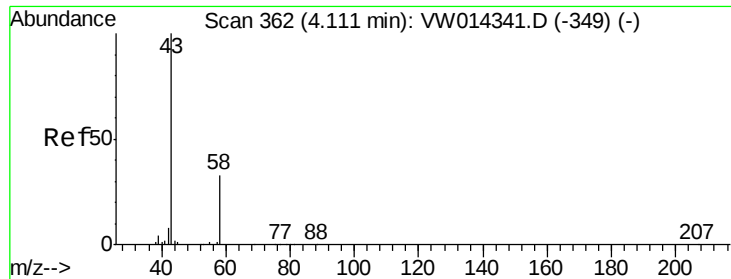
Instrument :
MSVOA_W
ClientSampleId :
ETK80

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Quant Time: Dec 14 05:36:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.144 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014351.D

Acq: 13 Dec 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

ETK80

Tot Ion: 43 Resp: 29532

Ion Ratio Lower Upper

43 100

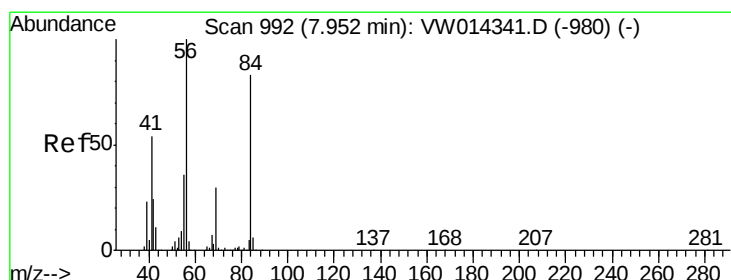
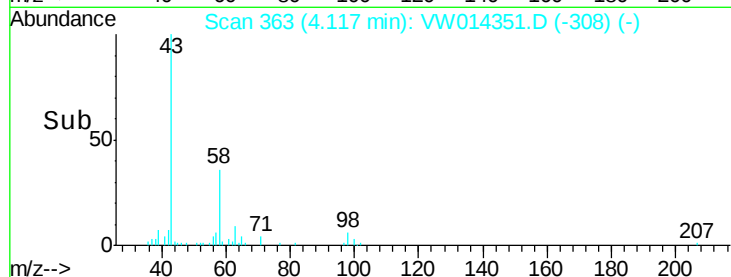
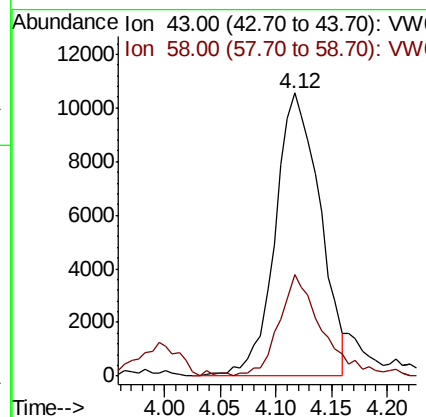
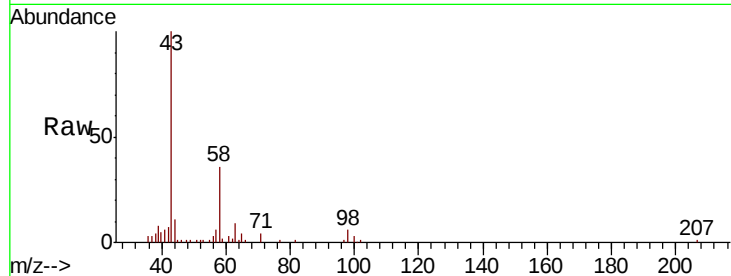
58 34.2 0.0 65.4

Manual Integrations

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#30

Cyclohexane

Concen: 0.835 ug/L

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014351.D

Acq: 13 Dec 2019 15:56

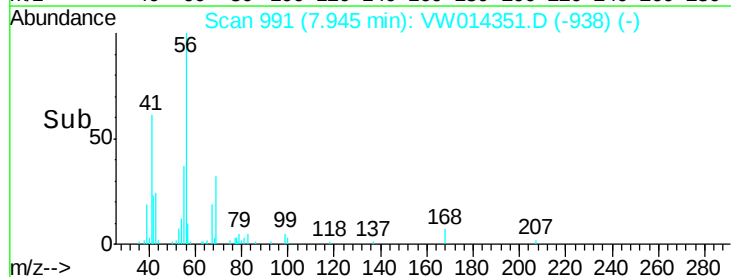
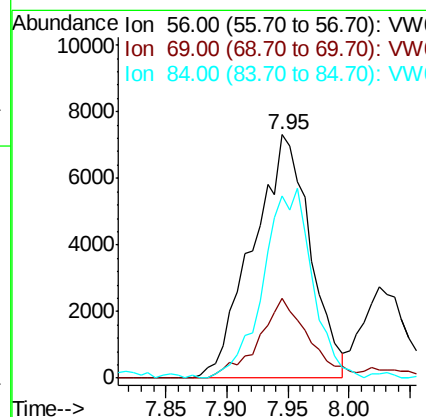
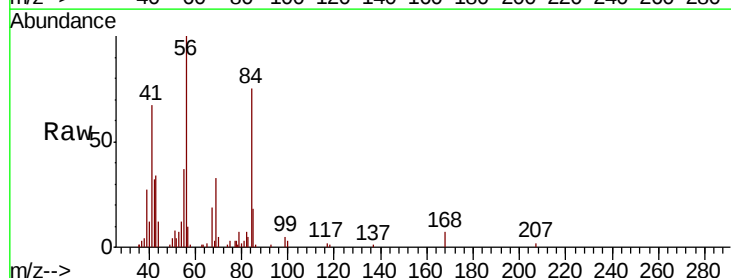
Tgt Ion: 56 Resp: 23881

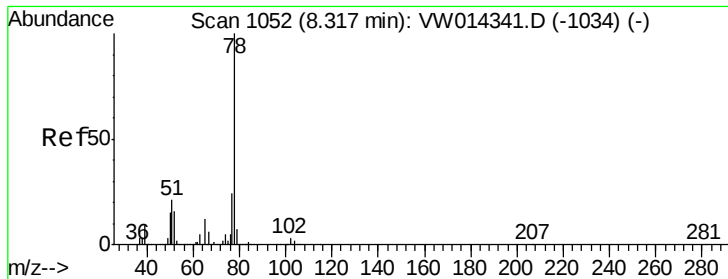
Ion Ratio Lower Upper

56 100

69 28.6 24.6 37.0

84 39.2 70.2 105.2#





#34

Benzene

Concen: 1.184 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014351.D

Acq: 13 Dec 2019 15:56

Instrument :

MSVOA_W

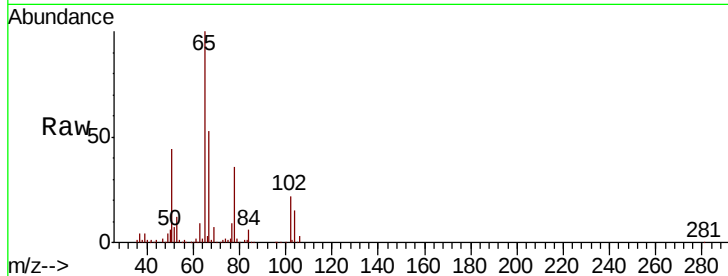
ClientSampleId :

ETK80

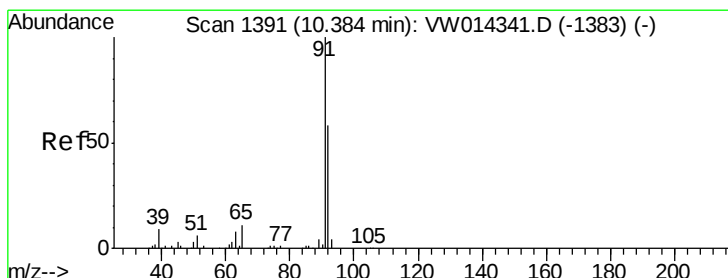
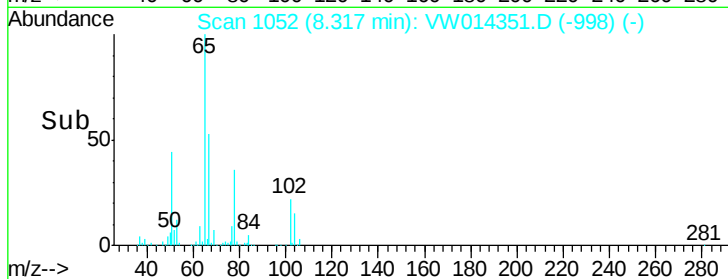
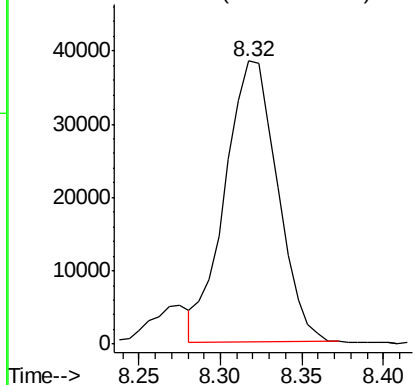
Tgt Ion: 78 Resp: 85965

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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 2.675 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014351.D

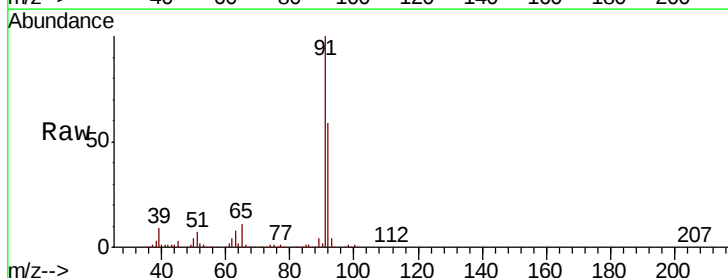
Acq: 13 Dec 2019 15:56

Tgt Ion: 91 Resp: 203580

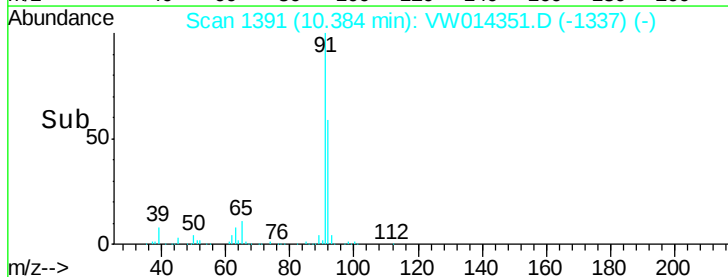
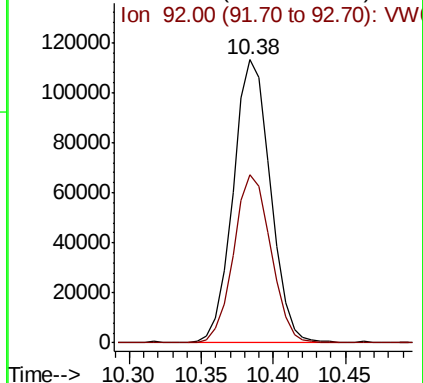
Ion Ratio Lower Upper

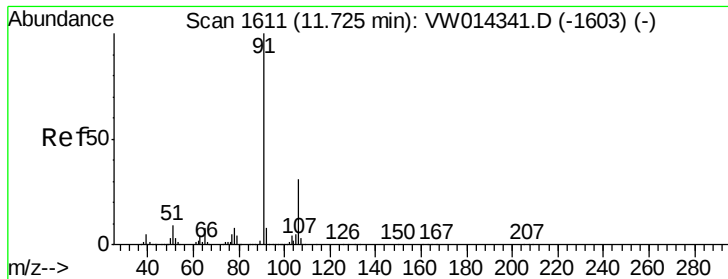
91 100

92 59.4 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW





#53

Ethylbenzene

Concen: 0.789 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014351.D

Acq: 13 Dec 2019 15:56

Instrument :

MSVOA_W

ClientSampled :

ETK80

Tot Ion: 91 Resp: 65124

Ion Ratio Lower Upper

91 100

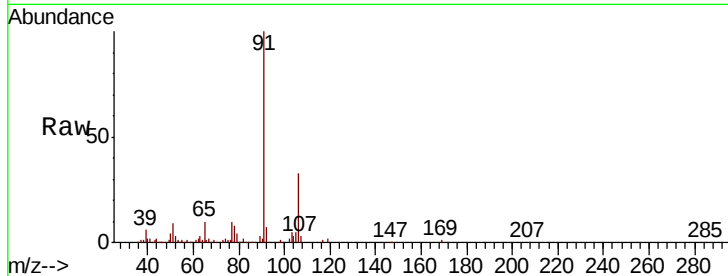
106 32.9 22.3 41.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

40000

30000

20000

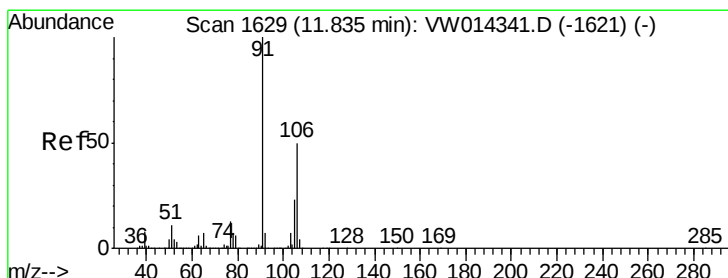
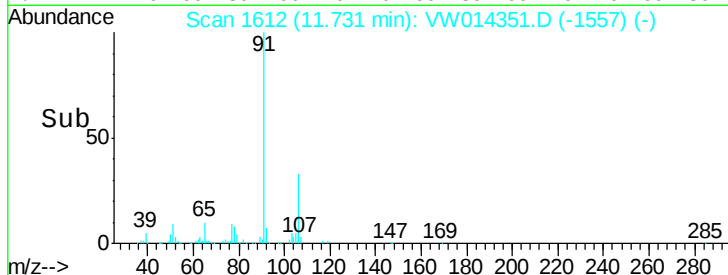
10000

0

11.73

11.80

Time-->



#54

m,p-Xylene

Concen: 1.230 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014351.D

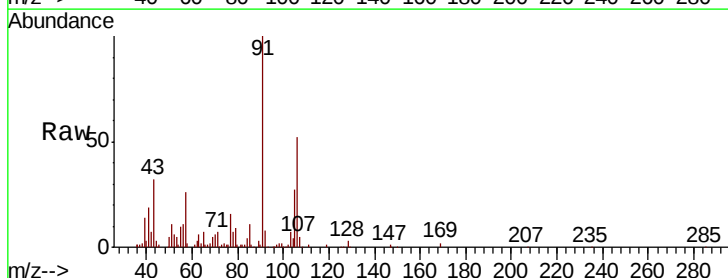
Acq: 13 Dec 2019 15:56

Tgt Ion: 106 Resp: 39078

Ion Ratio Lower Upper

106 100

91 192.6 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

40000

30000

20000

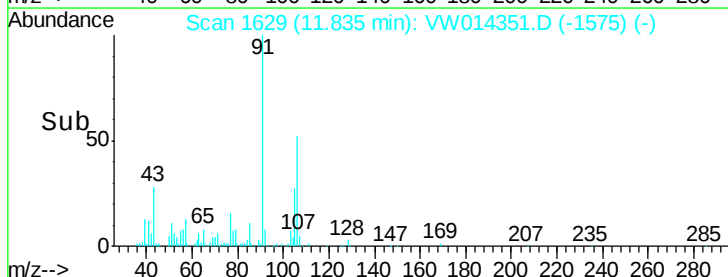
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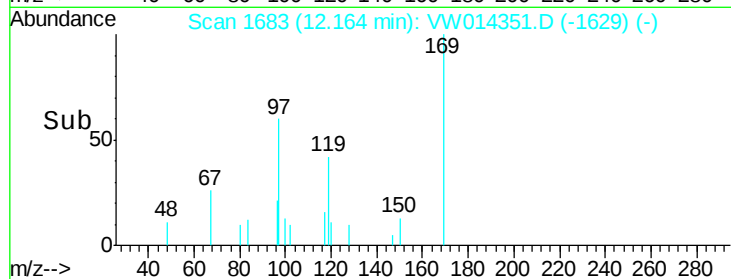
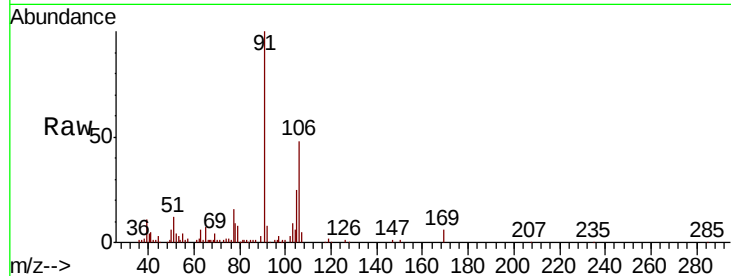
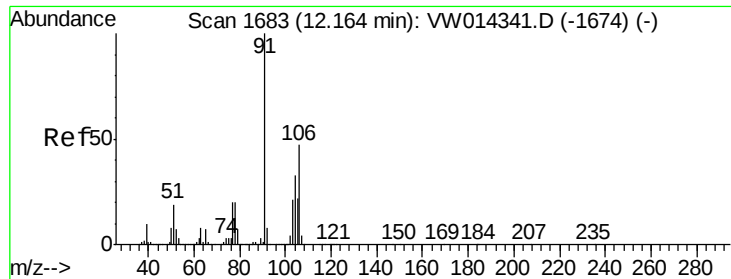
0

11.83

11.90

Time-->





#55
o-xylene
Concen: 0.500 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
ETK80

Tot Ion	Ratio	Resp	Lower	Upper
106	100	15055		
91	207.6	148.3	275.5	

Manual Integrations
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